

Welcome to the

JEA Awards Meeting

October 24, 2024, 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 **Sarah Millsap** by telephone at **(904) 776-4311** or by email at **millse@jea.com** if you experience any technical difficulties during the meeting.

JEA Awards Agenda
October 24, 2024
225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor

[Teams Meeting Info](#)

Consent Agenda

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

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)
1	Minutes	Minutes from 10/17/2024 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Single Source	Single Source - Oracle E-Business Suite (EBS) Oracle Databases, Middleware, and Hardware w/ Maintenance and Support	Selders	ORACLE AMERICA INC.	O&M	\$7,895,146.54	N/A	\$7,895,146.54	N/A	Three (3) Years w/No renewals Begin: 10/1/2024 End: 09/30/2027	N
<p>For Additional Information Contact: Angel Iosua</p> <p>This request is for a three year single source renewal of Oracle support from 10/01/2024 to 09/30/2027 for \$7,895,146.54. JEA began purchasing Oracle's technical maintenance support services for Oracle's E-Business Suite (EBS), Oracle Databases, Middleware and Hardware in the mid-1990s. Oracle's EBS suite of applications are used for JEA's back-office processes including, but not limited to, Financials (General Ledger, Projects Costing, Accounts Payable, Receivables), Human Resources (HR Core, Payroll, Benefits, Timecards) and Supply Chain (Purchasing, iProcurement, Warehouse Mgmt, Inventory). A few of the specific ways JEA utilizes Oracle support include incident restorations, searching for solutions, downloading patches and updates, accessing proactive support tools, and creating service requests.</p> <p>JEA discontinued several line items from the previous contract due to its migration to Oracle Cloud Infrastructure (OCI). The migration to OCI allows JEA to use Oracle-owned hardware to host all of its Enterprise Resource Planning (ERP) applications, eliminating the need to maintain costly Exadata/Exalogic servers. In FY24, JEA exercised a one-year contract for Oracle-EBS in the amount of \$2,459,816.01. JEA then negotiated a three-year contract instead of a one-year with the annual uplift reduced from 8% per year totalling \$828,397.00 in cost savings over the term of the contract. The new negotiated three year contract includes a 2% increase in the first year, a 4.5% increase in the second year and a 4% increase in the third year, which delayed the award's presentation to the committee. Oracle has granted JEA a 30-day grace period until 10/31/2024 to execute this renewal without requiring ratification.</p>											
3	Invitation for Bid (IFB)	1411832447 IFB-Underground Fiber Optic Cable Repair and Maintenance	Wheeler, K.	Cook Electrical, Inc.	O&M & Capital	\$2,157,902.00	N/A	\$2,157,902.00	N/A	Five (5) Years with Two (2) -One (1) Year renewals Begin: 12/1/2024 End: 11/30/2029	N
<p>Advertised: 8/26/2024 Opened:9/24/24 Three (3) Bids Received Cook Electrical, Inc. -\$2,157,902.00 Nex-Gen Fiber Services -\$3,000,586.00 SPE Utility Contractors FD LLC -\$5,445,313.00 For Additional Information contact: Angel Iosua</p> <p>The purpose of this Invitation For Bid is to evaluate and select a vendor that can provide for fiber optic cable underground, repair, & maintenance services as needed at various JEA sites.This scope of work includes underground fiber optic cable, maintenance/non-emergency repair, emergency repair, and provide emergency restoration that includes any and all materials and labor within the JEA service area. Emergency restoration services shall be provided within two (2) hours of formal written notification via email to designated Respondent's point of contact. The Company shall be responsible for all labor, equipment and consumables required to complete the specified service-related work detailed in the technical specification. Examples of work included in the scope are listed below. The rates increased 10% over current rates that were fixed and have not increased since last bid in 2018.</p> <p>This scope will include, but not limited to: 1.Trench excavation 2.Conduit installation 3.Directiona boring 4.Fiber Inner duct installation 5.Electric Manhole and Fiber manhole work 6.Fiber cable pulling 7.Minor Labor. 8.Emergency Trench excavation 9.Emergency Conduit installation 10.Emergency Directional boring 11.Emergency Fiber Inner duct installation 12.Emergency Electric Manhole and Fiber manhole work 13.Emergency Fiber cable pulling 14.Emergency Minor Labor. 15.Supplemental Work Allowance (Contractor Supplied Materials and Equipment)</p>											
4	Single Source	Single Source - Oracle C2M Licenses and Support Renewal	Selders	ORACLE AMERICA INC.	O&M	\$2,895,320.88	N/A	\$2,895,320.88	N/A	Three (3) Years w/No Renewals Begin: 10/1/2024 End: 09/30/2027	N
<p>For additional information contact: Angel Iosua</p> <p>This request, amounting to \$2,895,320.88, is for a three-year single source award for software licensing and support of Oracle's C2M system.In 2019, JEA upgraded its Customer Information System (CIS) from Customer Care & Billing (CC&B) to the more advanced Customer to Meter (C2M) solution. This upgrade enhances the centralized management of customer data, supporting JEA's critical business drivers. The award retains the same licensing as previously granted and introduces a new product: Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Meter Data Management-Processor Perpetual.</p> <p>The C2M is composed of several key modules and functions now integrated in a single integrated solution, the modules are: 1. Customer Care and Billing (CC&B) 2. Meter Data Management (MDM) 3. Smart Grid Gateway Overview (SGG) 4. Service Order Management (SOM) 5. Operational Device Management (ODM) 6. Information Lifecycle Management (ILM) 7. Program Management (PM) 8. Oracle Utility Analytics (OUA)</p> <p>JEA negotiated a three-year contract instead of a one-year with the annual uplift reduced from 8% per year totalling \$301,395.88 cost savings over the term of the contract. The new three year term includes a 3.8% increase per year for the term of the contract which delayed the award's presentation to the committee. Oracle has granted JEA a 30-day grace period until 10/31/2024 to execute this renewal without requiring ratification.</p>											

	Invitation for Bid (IFB)	1411824246 IFB Solicitation for Electrical Conduit and Material for JEA Stock FY25 - FY 28	Phillips	Gresco Supply Inc. Stuart C. Irby Company Rexel USA, Inc DBA Gexpro Terra Star, LLC Wesco Distribution, Inc. DBA Englewood Electrical Supply World Electric Supply	Inventory	\$1,018,230.72 \$639,390.14 \$10,272.98 \$4,383.00 \$50,216.06 \$7,390.54	\$1,729,883.44	\$1,729,833.44						
5	<p>Advertised: 08/21/2024</p> <p>Opened: 09/24/2024</p> <p>Six (6) Bids Received</p> <p>For additional information contact: Lynn Rix</p> <p>The purpose of this Invitation for Bid ("IFB") is to select contracted vendors for the supply of JEA's approved electrical conduit materials used in JEA's underground electric network. This material is held in JEA's Inventory Stock and awarded based on the lowest cost to JEA with regards to pricing.</p> <p>This solicitation saw a 50% increase in bid participants and provides a cost savings of \$670,545.92 over the three (3) year term. In addition to providing savings, we believe this new award will help mitigate price volatility with quarterly indexes tracking to The Chemical Data, Inc (CDI) resin pricing index for Polyvinyl Chloride (PVC) and also the HIS Market index for High Density Polyethylene (HDPE).</p> <p>PVC conduit was included in this solicitation to replace the expiring contract. We have additionally incorporated HDPE conduit into this contract which were previously spot purchased. This contract will award (53) items across five (5) different suppliers. Those suppliers are the previous incumbent Wesco as well as Irby, Gresco, World Electric, Gex Pro, and Terra Star. Terra Star will be onboarded as a new supplier to JEA.</p>									N/A	Start Date: 11/07/2024 End Date: 11/06/2027 Three (3) Year w/ Two (2) 1-Yr renewals	N/A		
6	Single Source	Northside, ST3 Lube Oil Cooler Inspection and Cleaning	Erixton	Siemens Industry, Inc.	O&M	\$422,632.00	N/A	\$422,632.00						
<p>Single Source</p> <p>For additional information contact: Jason Behr</p> <p>The turbine lube oil (TLO) cooler for Northside Unit 3 (N03) is a critical piece of equipment used to cool the turbine oil before it is supplied to the turbine bearings. Maintaining proper oil temperature is needed to prevent oil related equipment failures and varnishing that could restrict or block oil flow in the system. The OEM, Siemens, recommends inspecting and cleaning this equipment every five to seven years, and there is no record of the coolers being cleaned in the last twenty years. N03 has trouble maintaining the 110°F oil supply temperature starting in late Spring and continuing through the Summer when load is critical. Having elevated oil temperatures has caused the unit to be temporarily derated during days with high ambient temperatures. Operations, maintenance, and engineering have analyzed the cooling system connected to the turbine lube oil cooler and have determined that the issue is most likely fouling within the cooler.</p> <p>As the OEM, Siemens would be best suited to disassemble, inspect, clean, and if needed repair the turbine lube oil cooler. The style cooler that we have is obsolete and finding parts is very difficult. During the search to find vendors that had the capability to clean the TLO coolers, only Siemens was able to provide pricing for a full service (disassemble, clean, inspection, repair, and reassemble). Other vendors were only able to provide pricing for cleaning the tubes and shell by flushing only without disassembly. Flushing only will not identify or correct any issues internal to the lube oil cooler. No other vendor besides Siemens was able to quote any parts for the oil cooler. This is critical because if a broken component is found during the cleaning process, Siemens is the only vendor equipped to place an order for the replacement part(s). Availability of replacement parts is critical to completing this work within the outage timeframe.</p>												N/A	Project Completion Start Date: 11/04/2024 End Date: 12/04/2024	N/A
Consent Agenda Action														
Committee Members in Attendance	Names _____, _____, _____													
Motion by:														
Second By:														
Committee Decision														

Regular Agenda

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)	Action
1	Ratification/Contract Increase	Hach Services and Commodities Contract	Vu	Hach Company	\$856,543.84	\$2,046,870.00	\$3,515,566.06	10/11/2023 - \$204,687.00 02/29/2024 - \$165,735.93 08/08/2024 - \$241,729.29	Three (3) Years w/Two (2) /One (1) year renewals Start Date: 09/24/2020 End Date 09/23/2025	N	Motion by: _____ Second by: _____ Committee Decision: _____
<p>Last Awarded: 02/29/2024 For more information contact: Karey Baker</p> <p>This contract increase request is for the ongoing materials and service agreement with Hach Company for the second renewal term, and updated to include leased equipment. This contract is for laboratory equipment used to test, measure and analyze water quality parameters. The services include calibration and repair field instruments utilized for water treatment operations. Hach equipments is an approved standard as defined in the JEA W/WW Approved Standards Manual. This increase for the lease equipment and funding the current contract term is for an award amount of \$856,543.84. The pricing has not increased from previous years. The award amount includes a ratification amount of \$263,911.87. The ratification was necessary to pay for invoices due in October. Bringing this increase for approval was delayed due to hurricane responses.</p> <p>DISCUSSION/ACTION: DISCUSSION/ACTION PARTICIPANTS:</p>											
2	RFP	1411771046 RFP Land Surveying Services	Brooks	DRMP, Inc., Clymer Farner Barley Surveying, LLC, Degrove Surveyors Inc., CivilSurv Design Group, Inc., ESP Associates, Inc., Pickett & Associates, Inc., Smith Surveying Group LLC, Southeastern Surveying & Mapping Corporation, WGI, Inc., A&J Land Surveyors, Inc., England, Thims & Miller Inc., JBrown Professional Group, Inc., SurvTech Solutions, Inc., CPH Inc., Clary & Associates, Inc., Causseaux Hewett & Walpole, LLC	N/A	N/A	N/A	N/A	Five (5) years with Five (5) - One (1) year renewals Begin:12/01/2024 End: 11/30/2029	Y N/A - Smith Surveying Group LLC; N/A - A&J Land Surveyors, Inc.	Motion by: _____ Second by: _____ Committee Decision: _____
<p>Advertised: 06/13/2024 Responses Opened: 07/16/2024 Nineteen (19) Responses Received For additional information contact: Elaine Selders</p> <p>This award seeks approval to execute multiple continuing services contracts for Land Surveying Services, in accordance with PCode section 3-101(1)(e), since CCNA qualifies as a formal award.</p> <p>Nineteen responses were received for this RFP, all of which met the criteria for entering contract negotiations. JEA evaluated the responses based on Professional Staff Experience, Design Approach and Workplan, Company Experience and Performance, and JSEB certification. The decision was made to negotiate and award contracts to up to sixteen companies that scored 80 points or higher.</p> <p>JEA will utilize these contracts on an as-needed basis for various surveying tasks, allowing the Real Estate team flexibility to select firms based on specialty areas and their ability to complete surveys promptly.</p> <p>The estimated expenditure over five years is approximately \$1,750,000, with work distributed among suppliers according to their expertise.</p> <p>A Master Service Agreement (MSA) will be executed with each company, and purchase orders will be issued for individual projects as task orders. The MSAs will govern the transaction terms, with maximum indebtedness specified in the task orders.</p> <p>As per the Procurement Code, any task order with a maximum indebtedness exceeding \$300,000.00 annually per vendor will be submitted to the Awards Committee for approval.</p> <p>Additionally, JEA retains the option to re-open the solicitation and accept further responses if deemed beneficial.</p> <p>DISCUSSION/ACTION: DISCUSSION/ACTION PARTICIPANTS:</p>											
3	Single Source	Fulton Cut Crossing Conductor	Melendez	Southwire	\$1,147,631.00	N/A	\$1,147,631.00	N/A	One-Time Purchase	N/A	Motion by: _____ Second by: _____ Committee Decision: _____
<p>Single Source For additional information contact: Jason Behr</p> <p>Jax Port and JEA entered into an agreement where JEA would replace the power lines across the Fulton Cut in order to increase clearances that would allow for higher air draft ships to reach the Jax Port Terminal. JEA is being reimbursed monthly by Jax Port for the design, construction, and materials direct costs. With regards to the proposed conductor purchase, JEA evaluated the technical requirements and identified ACCS C7 conductor as the project suitable product. JEA will purchase and send a separate invoice to Jax Port for reimbursement.</p> <p>The ultimate goal of the project is to raise the conductors high enough to accommodate 205-foot tall air draft ships at high tide. The lowest conductor would need to be at a height of at least 225 feet above high tide to provide sufficient air gap electrical clearances. The overall span will increase from about 1,650 feet to approximately 1,926 feet across the river, making it more difficult to meet the required clearance requirements. Utilizing a high performance low sag conductor significantly reduces the height of proposed towers by approximately 39 feet. The reduction in tower heights translates to significantly lower civil work of foundations and significantly lower priced structures; this is anticipated to be approximately \$5M - \$6M in cost reductions over structures needed to support JEA's legacy conductor. Additionally, the ACCS C7 conductor is being proposed for its reliability and constructability. It avoids the core's single point of failure, utilizes familiar ACSS hardware & installation methods and does not require pre-tensioning. While the cost of the ACCS C7 high performance conductor at \$1,147,631 is 144% higher cost than JEA comparable standard legacy conductor, staff considers the costs to be reasonable and recommends to source this conductor for the project.</p> <p>DISCUSSION/ACTION: DISCUSSION/ACTION PARTICIPANTS:</p>											

Consent and Regular Agenda Signatures

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

JEA Awards Agenda

October 17, 2024

225 North Pearl St., Jacksonville, FL 32202 - Hydrangea Room 1st Floor

[Teams Meeting Info](#)

Consent Agenda

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

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Funding Source	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term (Projected) Start Date - End Date	JSEB Participation (Y/N) If Y, then list company name(s) (% , \$ - awarded)								
1	Minutes	Minutes from 10/03/2024 Meeting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
2	Contract Increase	Production Well Design-Build Services	Melendez	CDM Constructors	Capital	\$1,767,037.00	\$5,019,970.00	\$6,787,007.00	N/A	Five (5) years w/ two (2) one-year renewals Start: 06/01/2023 End: 05/31/2028	Y JSEB Requirements will be assigned to each Task Order								
<p>Last Awarded: 06/01/2023 For additional information contact: Ella Bryant</p> <p>The scope of work for these contracts includes the design, permitting, and construction of new water production/augmentation wells to supply raw water to JEA's system using the design-build method. The Consultant/Contractor team shall provide engineering and construction services, as described herein, to support the development and implementation of the well projects. JEA plans on awarding multiple contracts to design-build teams for a period of 5 years from date of original award.</p> <p>Task orders are issued for work under this contract. All task orders are limited to the continuing contract limits in Florida statute 287.055 Consultants' Competitive Negotiation Act, as amended from time to time. The current construction limit in the statute is \$7,500,000.00.</p> <p>This contract increase request is for \$1,767,037.00 to CDM Constructors for the Ridenour Well 8 and Bartram Augmentation projects for a new not-to-exceed of \$6,787,007.00. The amount of the contract increase reflects the difference between available contract cap space and expected costs. The Ridenour Well 8 costs include well drilling/testing, and wellhead/pipeline construction. The Bartram Augmentation well project increase includes the anticipated wellhead/pipeline construction costs. The Ridenour Well 8 well is the second of two wells that CDM Constructors is working on under this contract. The hourly rates used in this contract have not increased since the start of this contract.</p>																			
3	Invitation for Bid	1411822647 Repair and Maintenance of Generators	Phillips	Zabatt Power Systems, Inc.	O&M	\$6,721,702.57	N/A	\$6,721,702.57	N/A	Three (3) Years w/Two (2) - One (1) Yr. Renewals Start: 11/01/2024 End: 9/24/2027	N JSEB Participation is Optional for this IFB.								
<p>Advertised: 08/21/2024 Opened: 09/17/2024 Three (3) Bids received</p> <table border="1"> <tr> <td>Company</td> <td>Bid Total</td> </tr> <tr> <td>Zabatt Power Systems, Inc.</td> <td>\$7,153,956.00</td> </tr> <tr> <td>Ring Power Corporation</td> <td>\$14,530,577.95</td> </tr> <tr> <td>Nixon Power Services, LLC</td> <td>\$15,208,425.00</td> </tr> </table> <p>For additional information contact: Darriel Brown</p> <p>This Invitation for Bid (IFB) is for the emergency repair and maintenance of over 506 generators throughout the JEA service territory in the following counties: Clay, Duval, Nassau and St. Johns. These services are for the generators that are used to provide temporary electrical power during outages or disruptions to the main power supply at various facilities.</p> <p>Zabatt Power Systems, Inc. is the lowest bidder and incumbent supplier. During the previous contract no increases were requested dating back to 2019. For this new contract, the rates are increasing by about 30%, or 6% on an annualized basis, from 2019. Comparatively, CPI has increased by about 23% or 4.25% annually over the same time period. The current contract will allow for CPI price adjustments going forward.</p> <p>The requested award amount is for \$6,721,702.57, which is \$432,253.43 less than the bid amount due to budget constraints.</p>												Company	Bid Total	Zabatt Power Systems, Inc.	\$7,153,956.00	Ring Power Corporation	\$14,530,577.95	Nixon Power Services, LLC	\$15,208,425.00
Company	Bid Total																		
Zabatt Power Systems, Inc.	\$7,153,956.00																		
Ring Power Corporation	\$14,530,577.95																		
Nixon Power Services, LLC	\$15,208,425.00																		
4	Contract Increase	1410611046 - Engineering Services Substations	Melendez	Leidos Engineering LLC Chen Moore & Associates, Inc. Worley Group, Inc.	Capital	Leidos Engineering LLC - No Change Chen Moore & Associates, Inc. - No Change Worley Group, Inc. - \$226,319.00	Leidos Engineering LLC - \$406,000.00 Chen Moore & Associates, Inc. - \$1,015,000.00 Worley Group, Inc. - \$609,000.00	Leidos Engineering LLC - \$1,471,818.43 (No Change) Chen Moore & Associates, Inc. - \$2,589,557.00 (No Change) Worley Group, Inc. - \$835,319.00	03/21/2024 Chen Moore & Associates - \$1,574,557.00 03/21/2024 Leidos Engineering - \$671,594.63 06/14/2023 Leidos Engineering LLC - \$203,000.00 12/14/2023 Leidos Engineering LLC - \$191,223.80	Three (3) Year w/ Two (2) 1-Yr. Renewals Start Date: 11/01/2022 End Date: 10/31/2025	JSEB Optional Chen Moore & Associates, Inc. ~ 7% Meskel & Associates Engineering, PLLC ~ 5% VIA Consulting Services, Inc. ~ 2% Worley Group, Inc. ~ 6% Prosser ~ 6% Leidos Engineering, LLC ~ 5% CSI Geo, Inc. ~ 1% Alpha Envirotech Consulting, Inc. ~ 1% Smith Surveying Group ~ 3%								
<p>Originally Awarded: 10/27/2022 For additional information contact: Jason Behr</p> <p>Contract engineers are needed to supplement the design process for short periods of time (approximately three (3) to six (6) months for a typical project) when JEA in-house engineering resources may not meet the urgent demands of in-service dates. Electric substation engineering is a very specialized area; therefore, JEA requires companies who have the resources and experience to execute electric substation/transmission engineering are proficient with the computer application Microstation.</p> <p>Originally, JEA funded the contract based on engineering estimates for projects known at the time. In two (2) instances, scope changes have necessitating additional design funds, these increases are:</p> <ul style="list-style-type: none"> *Kennedy New Control House - Additional \$45,147 to update drawings based on the new cable schedule provided by JEA SPCP, as well as evaluate and revise cable trench drawings per the latest survey findings. This amount includes construction support/submital review to take project to completion. *Merrill Road Substation Transformer/Breaker Replacements - Additional \$181,172 to take the design from 30% phase to the 100% phase and any necessary construction support. <p>Worley Group, Inc is the only vendor receiving a contract increase at this time; both Chen Moore & Associates and Leidos Engineering received increases to their contract in March 2024. There are no rate increases associated with this increase.</p>																			

5	Contract Renewal	069-19 - UG Distribution Construction & Maintenance Services	Wheeler	Heart Utilities of Jacksonville Inc. SPE Utility Contractors FD, LLC dba SPE Group	Capital/O&M	Heart Utilities: \$7,150,000 SPE: \$6,666,000	Heart Utilities: \$20,974,734.30 SPE: \$20,089,154.47	Heart Utilities: \$39,060,845.26 SPE: \$32,250,489.91				
	<p>Originally Awarded: 10/03/2019 For additional information contact: Jason Behr</p> <p>Overhead Distribution & Maintenance: The scope of work includes pole removal, pole delivery, neighborhood overhead to underground conversion projects, pole maintenance, pole replacement, voltage conversion, and new line construction. Work includes projects that will restore electricity and increase reliability. Immediate response in emergencies and hurricanes is required. JEA will provide all standard materials. Contractor may provide miscellaneous materials. Contractor may be required to work alongside JEA's own work forces or other contractor's work forces.</p> <p>Underground Distribution & Maintenance: The scope of work includes construction and maintenance of distribution facilities of pre-cast and cast-in-place reinforced manholes, reinforced concrete duct banks and open trench or directional drilled conduit. The work also includes the installation and removal of primary and secondary cables, streetlights, and street light cables associated with an underground electrical distribution system. Work will also include projects that will restore electricity and increase system reliability. An immediate response in emergencies and hurricanes is required.</p> <p>The original term for both contracts were Five (5) Years w/Two (2) - optional 1 year renewals. JEA would like to execute the 1st renewal. Funds are being added to the contracts to cover the list of identified projects shown on the budget backup documentation. Current rates remain in effect as there is no rate increase associated with this contract renewal.</p>									Five (5) Years w/Two (2) - 1 Yr. Renewals	Heart Utilities: 05/11/2023 - \$7,401,110.96 07/11/2024 - \$3,535,000.00 SPE: 10/25/2023 - \$2,008,915.45 08/01/2024 - \$1,486,420.00	Heart Utilities: Start: 10/31/2019 End: 10/30/2024 SPE: Start: 01/01/2020 End: 12/31/2024

Consent Agenda Action

Committee Members in Attendance	Names	Ted Phillips, Jody Brooks, Kim Wheeler
Motion by:	Jody Brooks	
Second By:	Kim Wheeler	
Committee Decision	Approved	

Regular Agenda

Award #	Type of Award	Solicitation # & Short Description/Title	VP	Awardee	Award Amount	Original Award Amount	New Not-to-Exceed	Amendments	Term	JSEB Participation (Y/N) If Y, then list company name(s) (% - \$ - awarded)	Action
1	Single Source	JEA Global Positioning System (GPS) and Telematics LIGO Annual Subscription	T. Phillips	PreCise MRM LLC	\$751,234.00	N/A	\$751,234.00	N/A	Two (2) Years w/ One (1)-One (1) Yr. Renewals Start Date: 10/01/2024 End Date: 09/30/2026	N	<p>Motion by: Jody Brooks</p> <p>Second by: Kim Wheeler</p> <p>Committee Decision: Approve</p>
	<p>For Additional Information contact: Angel Iosua</p> <p>The overall goal of GPS and Telematics consists of capturing real-time and historic information regarding JEA's Fleet and employees such that JEA (1) obtains better data on vehicle usage, condition, and location; (2) is better able to manage resources and assign work; and (3) achieve lower cost of operations. The primary communication device installed in each vehicle would use cellular uplink and allow multiple devices (GPS, Phones, Laptops, sensors, tablets, etc.) to connect which would provide access to hosted platforms, Internet sites and JEA.</p> <p>This request is for a Single Source award to PreCise MRM, LLC in the amount of \$751,234.00 for an annual LiGo software subscription renewal for two (2) years. Currently, Technology Services cannot support a transition to a new supplier due to budgetary restraints. The proposed two-year agreement offers the most cost-effective solution, with the rates remaining the same for the term of the contract.</p> <p>This renewal will provide the Global Positioning System Services group and Technology Services with the necessary time to secure Capital funding, prepare for competitive bidding, and manage the potential transition process following this extension. This ensures the continuation of essential services without interruption and allows for thorough planning.</p> <p>DISCUSSION/ACTION: Clarification was requested as to why this is a single source and if pricing will increase after the contract term. This is a single source because it is for the software that goes with the hardware that was just installed 8 months ago. Pricing has been the same for the last 5 years. There has been no indication that the pricing will increase but the supplier has provided fixed pricing for the next 2 years. DISCUSSION/ACTION PARTICIPANTS: Ted Phillips, Jody Brooks, Melanie Newton-Green, Tiffany Moulton</p>										
2	Contract Increase	1410334650 - Progressive Design Build Services for the Commonwealth Service Center (CWSC) Renovation Project	Phillips	The Haskell Company	\$100,000.00	\$527,961.00	\$627,961.00	N/A	Project Completion Start Date: 04/01/2022 End Date: 06/01/2028	JSEB Optional - Five Percent (5%) Evaluation Criteria Baker Consulting & Engineering, LLC - 5%	<p>Motion by: Jody Brooks</p> <p>Second by: Kim Wheeler</p> <p>Committee Decision: Approved</p>
	<p>Originally Awarded: 03/03/2022 For additional information contact: Halley Stewart</p> <p>This contract increase request is for the Progressive Design Build services for the Commonwealth Service Center (CWSC) renovation project. The scope of work for this project includes architectural, engineering, and contractor services which was competitively sourced. The awardee, The Haskell Company, is currently at the design phase for the floor plan. The project has been put on hold due to capital budget constraints and is expected to be completed in 2028.</p> <p>This Award requests a contract increase for The Haskell Company for the additional floor plan alterations needed to complete the current floor plan design phase. Multiple design reviews and revisions were required to achieve a floor plan that was acceptable to the numerous work groups housed within the building. The increase requested is in the amount of \$100,000.00 for a new overall NTE of \$627,961.00.</p> <p>DISCUSSION/ACTION: Clarification was requested as to why a contract increase is being requested for a project that is currently on hold. The contract increase covers work that has already been done on floor plan designs to bring the project to a point to then be on hold. DISCUSSION/ACTION PARTICIPANTS: Ted Phillips, Chrissy Nunziato</p>										

Consent and Regular Agenda Signatures

Budget	Name/Title	<i>Stephanie Nealy, Manager CBP</i>
Awards Chairman	Name/Title	<i>Theodore B Phillips CFO</i>
Procurement	Name/Title	<i>JMM</i>
Legal	Name/Title	<i>Rebecca Lavis</i>



26-Sep-24

Dear Annesley Brightwell

Your technical support services are due for renewal.

Support Service Number: SKY-3099550

Support Start Date: 1-Oct-24

Amount Due: USD 7,895,146.54 (excluding applicable tax)

To avoid any interruption in these services, please complete your renewal by 3-Oct-24.

Oracle would like to thank you for your continued business.

Have a question about your renewal? Call 301-641-0727 or email Oracle at mavis.waters@oracle.com.



Technical Support Services Renewal Order

General Information

Customer: JEA

Support Service Number: SKY-3099550

Offer Expires: 3-Oct-24

Oracle: Oracle America, Inc.

Oracle Contact Information:

Mavis Waters

Call: 301-641-0727

Email: mavis.waters@oracle.com

Online Renewals can be viewed and accepted on [My Support Renewals](#)

Customer Quote To

Annesley Brightwell

JEA

JEA, T013

21 West Church Street, 13th Floor

Jacksonville

FL 32202

United States

904-699-7176

brigap@jea.com

Customer Bill To

Payable Accounts

JEA

225 N. Pearl Street

Jacksonville

FL 32202

United States

904-665-7363

Acctpaycustsrv@jea.com

"You" and "Your" as used in this renewal order, refer to the Customer listed above.

Please ensure the Quote To and Bill To details above are correct, especially the email addresses, as Oracle will usually deliver communications, including Your invoice, to the respective email address.

Service Details

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Application Management Pack for E-Business Suite - Named User Plus Perpetual	16251171	200		FULL USE	1-Oct-24	30-Sep-25	2,302.18
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	16		FULL USE	1-Oct-24	30-Sep-25	9,208.77
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	8		LIMITED USE SPECIFIED APP	1-Oct-24	30-Sep-25	3,288.89
Oracle Internet Developer Suite - Named User Plus Perpetual	16251171	17		FULL USE	1-Oct-24	30-Sep-25	8,107.12
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	17597517	5		FULL USE	1-Oct-24	30-Sep-25	3,805.91
Oracle Active Data Guard - Processor Perpetual	19655669	48		FULL USE	1-Oct-24	30-Sep-25	48,938.27

Program Technical Support Fees: USD 75,651.14

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	22321615	3		FULL USE	1-Oct-24	30-Sep-25	1,912.14

Program Technical Support Fees: USD 1,912.14

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23255571	4		FULL USE	1-Oct-24	30-Sep-25	1,430.02

Program Technical Support Fees: USD 1,430.02

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23628008	2		FULL USE	1-Oct-24	30-Sep-25	1,062.22

Program Technical Support Fees: USD 1,062.22

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Succession Planning - Employee Perpetual	87626732	2450	EMPLOYEE	FULL USE	31-May-25	30-Sep-25	5,289.23

Program Technical Support Fees: USD 5,289.23

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Application Management Pack for E-Business Suite - Named User Plus Perpetual	16251171	200		FULL USE	1-Oct-25	30-Sep-26	2,394.27
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	16		FULL USE	1-Oct-25	30-Sep-26	9,577.12
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	8		LIMITED USE SPECIFIED APP	1-Oct-25	30-Sep-26	3,420.44
Oracle Internet Developer Suite - Named User Plus Perpetual	16251171	17		FULL USE	1-Oct-25	30-Sep-26	8,431.40
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	17597517	5		FULL USE	1-Oct-25	30-Sep-26	3,958.15
Oracle Active Data Guard - Processor Perpetual	19655669	48		FULL USE	1-Oct-25	30-Sep-26	50,895.80

Program Technical Support Fees: USD 78,677.18

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Forms and Reports - Named User Plus Perpetual	15810461	60		FULL USE	1-Oct-25	30-Sep-26	4,152.12

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Enterprise Asset Management - Enterprise \$M in Operating Budget Perpetual	19657133	2500		FULL USE	1-Oct-25	30-Sep-26	51,725.75
Oracle Treasury - Application User Perpetual	19657133	10		FULL USE	1-Oct-25	30-Sep-26	21,239.88

Program Technical Support Fees: USD 77,117.75

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK General Ledger (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	4,703.06
Oracle E-Business Suite UPK Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle E-Business Suite UPK Internet Expenses (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	1,182.56
Oracle E-Business Suite UPK iProcurement (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	1,182.56
Oracle E-Business Suite UPK iSupplier Portal (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle E-Business Suite UPK Payables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle E-Business Suite UPK Payroll (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle E-Business Suite UPK Purchasing (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	4,703.06
Oracle E-Business Suite UPK Receivables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle E-Business Suite UPK Self-Service Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK Time and Labor (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-25	30-Sep-26	2,351.49
Oracle Learning Management - Enterprise Trainee Perpetual	16023911	2500		FULL USE	1-Oct-25	30-Sep-26	17,637.19
Oracle Purchasing - Application Read-Only User Perpetual	16023911	800		FULL USE	1-Oct-25	30-Sep-26	92,718.00
Oracle User Productivity Kit Standard - UPK Developer Perpetual	16023911	4		FULL USE	1-Oct-25	30-Sep-26	10,688.89
Oracle User Productivity Kit - UPK Employee Perpetual	16023911	2500		FULL USE	1-Oct-25	30-Sep-26	11,452.33

Program Technical Support Fees: USD 160,728.08

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
MicroFocus Net Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	10		FULL USE	1-Oct-25	30-Sep-26	14,526.12
MicroFocus Server Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	1		FULL USE	1-Oct-25	30-Sep-26	14,526.16

Program Technical Support Fees: USD 29,052.28

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Procurement Contracts for Oracle Purchasing - Application User Perpetual	3168816	10		FULL USE	1-Oct-25	30-Sep-26	15,092.02

Program Technical Support Fees: USD 15,092.02

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Activity Management Gateway - Nonstandard User	3168816	1		FULL USE	1-Oct-25	30-Sep-26	28,821.19
Data Mart Suite - Nonstandard User	3168816	1	NONSTANDARD USER	FULL USE	1-Oct-25	30-Sep-26	28,821.19
EDI Gateway - Computer	3168816	1		FULL USE	1-Oct-25	30-Sep-26	11,329.55

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Express Server - Named User Multi Server	3168816	30		FULL USE	1-Oct-25	30-Sep-26	3,172.15
Financials Intelligence - Employee Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	24,484.36
HR Intelligence - Person Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	12,242.21
iReceivables - Invoice Line	3168816	100000		FULL USE	1-Oct-25	30-Sep-26	999.36
iSupplier Portal - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-25	30-Sep-26	11,992.28
Learning Management - Trainee Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	14,690.64
Mobile Supply Chain Applications - Application User Perpetual	3168816	35		FULL USE	1-Oct-25	30-Sep-26	27,463.76
Oracle Advanced Benefits - Person Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	19,587.47
Oracle Discoverer Plus - Named User Multi Server	3168816	50		FULL USE	1-Oct-25	30-Sep-26	2,514.34
Oracle Financials & Sales Analyzers - Application User Perpetual	3168816	31		FULL USE	1-Oct-25	30-Sep-26	6,087.48
Oracle Financials - Application User Perpetual	3168816	200		FULL USE	1-Oct-25	30-Sep-26	46,674.46
Oracle Human Resources - Person Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	2,489.99
Oracle Internet Developer Suite - Named User Multi Server	3168816	17		FULL USE	1-Oct-25	30-Sep-26	16,972.13
Oracle Internet Expenses - Expense Report Perpetual	3168816	36000		FULL USE	1-Oct-25	30-Sep-26	35,976.98
Oracle iProcurement - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-25	30-Sep-26	59,961.66
Oracle Programmer - Named User Multi Server	3168816	17		FULL USE	1-Oct-25	30-Sep-26	4,230.28
Oracle Purchasing - Application User Perpetual	3168816	200		FULL USE	1-Oct-25	30-Sep-26	15,328.45
Oracle Warehouse Management - Application User Perpetual	3168816	35		FULL USE	1-Oct-25	30-Sep-26	64,142.81
Order Management - Order Line Perpetual	3168816	500000		FULL USE	1-Oct-25	30-Sep-26	10,384.03
Payroll - Person Perpetual	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	3,571.83
Project Billing - Project Person	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	85,695.20
Project Costing - Project Person	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	18,213.55
Purchasing Intelligence - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-25	30-Sep-26	35,976.98
Time Management - Person	3168816	2450		FULL USE	1-Oct-25	30-Sep-26	1,244.80

Program Technical Support Fees: USD 593,069.13

Program Technical Support Services

Service Level: Software Update License & Support

Award #2 Supporting Documents 10/24/2024

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Forms and Reports - Named User Plus Perpetual	15810461	60		FULL USE	1-Oct-24	30-Sep-25	3,992.42
Oracle Enterprise Asset Management - Enterprise \$M in Operating Budget Perpetual	19657133	2500		FULL USE	1-Oct-24	30-Sep-25	49,736.29
Oracle Treasury - Application User Perpetual	19657133	10		FULL USE	1-Oct-24	30-Sep-25	20,422.96

Program Technical Support Fees: USD 74,151.67

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Configuration Management Pack for Oracle Database - Processor Perpetual	18072505	800		FULL USE	1-Oct-25	30-Sep-26	39,146.71
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	1		FULL USE	1-Oct-25	30-Sep-26	111.32
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	3		FULL USE	1-Oct-25	30-Sep-26	1,001.74
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	3		FULL USE	1-Oct-25	30-Sep-26	25,697.83
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	1		FULL USE	1-Oct-25	30-Sep-26	2,855.37
Oracle Database Enterprise Edition - Processor Perpetual	18072505	800		FULL USE	1-Oct-25	30-Sep-26	378,101.61
Oracle Diagnostics Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-25	30-Sep-26	39,146.71
Oracle E-Business Suite Adapter - Processor Perpetual	18072505	660		FULL USE	1-Oct-25	30-Sep-26	113,036.10
Oracle Partitioning - Processor Perpetual	18072505	126		FULL USE	1-Oct-25	30-Sep-26	14,180.90
Oracle Real Application Clusters - Processor Perpetual	18072505	218		FULL USE	1-Oct-25	30-Sep-26	49,070.40
Oracle Service Registry - Processor Perpetual	18072505	384		FULL USE	1-Oct-25	30-Sep-26	172,871.90
Oracle SOA Management Pack Enterprise Edition - Processor Perpetual	18072505	516		FULL USE	1-Oct-25	30-Sep-26	126,248.15
Oracle SOA Suite for Oracle Middleware - Processor Perpetual	18072505	516		FULL USE	1-Oct-25	30-Sep-26	290,370.79
Oracle Tuning Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-25	30-Sep-26	39,146.71
Oracle WebLogic Server Management Pack Enterprise Edition - Processor Perpetual	18072505	660		FULL USE	1-Oct-25	30-Sep-26	77,510.68
Oracle WebLogic Suite - Processor Perpetual	18072505	660		FULL USE	1-Oct-25	30-Sep-26	290,664.40

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	22321615	3		FULL USE	1-Oct-25	30-Sep-26	1,988.63

Program Technical Support Fees: USD 1,988.63

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23255571	4		FULL USE	1-Oct-25	30-Sep-26	1,487.22

Program Technical Support Fees: USD 1,487.22

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23628008	2		FULL USE	1-Oct-25	30-Sep-26	1,104.71

Program Technical Support Fees: USD 1,104.71

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Succession Planning - Employee Perpetual	87626732	2450	EMPLOYEE	FULL USE	1-Oct-25	30-Sep-26	16,370.38

Program Technical Support Fees: USD 16,370.38

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Application Management Pack for E-Business Suite - Named User Plus Perpetual	16251171	200		FULL USE	1-Oct-26	30-Sep-27	2,490.04

Program Technical Support Services**Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	16		FULL USE	1-Oct-26	30-Sep-27	9,960.20
Application Management Pack for E-Business Suite - Processor Perpetual	16251171	8		LIMITED USE SPECIFIED APP	1-Oct-26	30-Sep-27	3,557.27
Oracle Internet Developer Suite - Named User Plus Perpetual	16251171	17		FULL USE	1-Oct-26	30-Sep-27	8,768.66
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	17597517	5		FULL USE	1-Oct-26	30-Sep-27	4,116.47
Oracle Active Data Guard - Processor Perpetual	19655669	48		FULL USE	1-Oct-26	30-Sep-27	52,931.62

Program Technical Support Fees: USD 81,824.26**Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Forms and Reports - Named User Plus Perpetual	15810461	60		FULL USE	1-Oct-26	30-Sep-27	4,318.20
Oracle Enterprise Asset Management - Enterprise \$M in Operating Budget Perpetual	19657133	2500		FULL USE	1-Oct-26	30-Sep-27	53,794.78
Oracle Treasury - Application User Perpetual	19657133	10		FULL USE	1-Oct-26	30-Sep-27	22,089.48

Program Technical Support Fees: USD 80,202.46**Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK General Ledger (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	4,891.18
Oracle E-Business Suite UPK Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Internet Expenses (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	1,229.87

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK iProcurement (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	1,229.87
Oracle E-Business Suite UPK iSupplier Portal (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Payables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Payroll (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Purchasing (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	4,891.18
Oracle E-Business Suite UPK Receivables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Self-Service Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle E-Business Suite UPK Time and Labor (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-26	30-Sep-27	2,445.55
Oracle Learning Management - Enterprise Trainee Perpetual	16023911	2500		FULL USE	1-Oct-26	30-Sep-27	18,342.66
Oracle Purchasing - Application Read-Only User Perpetual	16023911	800		FULL USE	1-Oct-26	30-Sep-27	96,426.72
Oracle User Productivity Kit Standard - UPK Developer Perpetual	16023911	4		FULL USE	1-Oct-26	30-Sep-27	11,116.45
Oracle User Productivity Kit - UPK Employee Perpetual	16023911	2500		FULL USE	1-Oct-26	30-Sep-27	11,910.42

Program Technical Support Fees: USD 167,157.20

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
MicroFocus Net Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	10		FULL USE	1-Oct-26	30-Sep-27	15,107.16
MicroFocus Server Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	1		FULL USE	1-Oct-26	30-Sep-27	15,107.20

Program Technical Support Services**Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Procurement Contracts for Oracle Purchasing - Application User Perpetual	3168816	10		FULL USE	1-Oct-26	30-Sep-27	15,695.70

Program Technical Support Fees: USD 15,695.70

Program Technical Support Services**Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK General Ledger (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	4,522.17
Oracle E-Business Suite UPK Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle E-Business Suite UPK Internet Expenses (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	1,137.08
Oracle E-Business Suite UPK iProcurement (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	1,137.08
Oracle E-Business Suite UPK iSupplier Portal (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle E-Business Suite UPK Payables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle E-Business Suite UPK Payroll (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle E-Business Suite UPK Purchasing (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	4,522.17
Oracle E-Business Suite UPK Receivables (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle E-Business Suite UPK Self-Service Human Resources (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05

Program Technical Support Services**Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle E-Business Suite UPK Time and Labor (over 4K employees and/or over \$1 billion in revenue) - UPK Module Perpetual	16023911	1		FULL USE	1-Oct-24	30-Sep-25	2,261.05
Oracle Learning Management - Enterprise Trainee Perpetual	16023911	2500		FULL USE	1-Oct-24	30-Sep-25	16,958.82
Oracle Purchasing - Application Read-Only User Perpetual	16023911	800		FULL USE	1-Oct-24	30-Sep-25	89,151.91
Oracle User Productivity Kit Standard - UPK Developer Perpetual	16023911	4		FULL USE	1-Oct-24	30-Sep-25	10,277.78
Oracle User Productivity Kit - UPK Employee Perpetual	16023911	2500		FULL USE	1-Oct-24	30-Sep-25	11,011.85

Program Technical Support Fees: USD **154,546.21****Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Activity Management Gateway - Nonstandard User	3168816	1		FULL USE	1-Oct-26	30-Sep-27	29,974.03
Data Mart Suite - Nonstandard User	3168816	1	NONSTANDARD USER	FULL USE	1-Oct-26	30-Sep-27	29,974.03
EDI Gateway - Computer	3168816	1		FULL USE	1-Oct-26	30-Sep-27	11,782.73
Express Server - Named User Multi Server	3168816	30		FULL USE	1-Oct-26	30-Sep-27	3,299.03
Financials Intelligence - Employee Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	25,463.73
HR Intelligence - Person Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	12,731.90
iReceivables - Invoice Line	3168816	100000		FULL USE	1-Oct-26	30-Sep-27	1,039.33
iSupplier Portal - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-26	30-Sep-27	12,471.97
Learning Management - Trainee Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	15,278.27
Mobile Supply Chain Applications - Application User Perpetual	3168816	35		FULL USE	1-Oct-26	30-Sep-27	28,562.31
Oracle Advanced Benefits - Person Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	20,370.97
Oracle Discoverer Plus - Named User Multi Server	3168816	50		FULL USE	1-Oct-26	30-Sep-27	2,614.91
Oracle Financials & Sales Analyzers - Application User Perpetual	3168816	31		FULL USE	1-Oct-26	30-Sep-27	6,330.98
Oracle Financials - Application User Perpetual	3168816	200		FULL USE	1-Oct-26	30-Sep-27	48,541.44
Oracle Human Resources - Person Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	2,589.59
Oracle Internet Developer Suite - Named User Multi Server	3168816	17		FULL USE	1-Oct-26	30-Sep-27	17,651.02

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Internet Expenses - Expense Report Perpetual	3168816	36000		FULL USE	1-Oct-26	30-Sep-27	37,416.06
Oracle iProcurement - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-26	30-Sep-27	62,360.12
Oracle Programmer - Named User Multi Server	3168816	17		FULL USE	1-Oct-26	30-Sep-27	4,399.49
Oracle Purchasing - Application User Perpetual	3168816	200		FULL USE	1-Oct-26	30-Sep-27	15,941.58
Oracle Warehouse Management - Application User Perpetual	3168816	35		FULL USE	1-Oct-26	30-Sep-27	66,708.52
Order Management - Order Line Perpetual	3168816	500000		FULL USE	1-Oct-26	30-Sep-27	10,799.39
Payroll - Person Perpetual	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	3,714.70
Project Billing - Project Person	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	89,123.01
Project Costing - Project Person	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	18,942.09
Purchasing Intelligence - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-26	30-Sep-27	37,416.06
Time Management - Person	3168816	2450		FULL USE	1-Oct-26	30-Sep-27	1,294.64
Program Technical Support Fees: USD							616,791.90

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Configuration Management Pack for Oracle Database - Processor Perpetual	18072505	800		FULL USE	1-Oct-26	30-Sep-27	40,712.58
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	1		FULL USE	1-Oct-26	30-Sep-27	115.77
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	3		FULL USE	1-Oct-26	30-Sep-27	1,041.81
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	3		FULL USE	1-Oct-26	30-Sep-27	26,725.74
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	1		FULL USE	1-Oct-26	30-Sep-27	2,969.59
Oracle Database Enterprise Edition - Processor Perpetual	18072505	800		FULL USE	1-Oct-26	30-Sep-27	393,225.66
Oracle Diagnostics Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-26	30-Sep-27	40,712.58
Oracle E-Business Suite Adapter - Processor Perpetual	18072505	660		FULL USE	1-Oct-26	30-Sep-27	117,557.55
Oracle Partitioning - Processor Perpetual	18072505	126		FULL USE	1-Oct-26	30-Sep-27	14,748.14

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Real Application Clusters - Processor Perpetual	18072505	218		FULL USE	1-Oct-26	30-Sep-27	51,033.22
Oracle Service Registry - Processor Perpetual	18072505	384		FULL USE	1-Oct-26	30-Sep-27	179,786.78
Oracle SOA Management Pack Enterprise Edition - Processor Perpetual	18072505	516		FULL USE	1-Oct-26	30-Sep-27	131,298.07
Oracle SOA Suite for Oracle Middleware - Processor Perpetual	18072505	516		FULL USE	1-Oct-26	30-Sep-27	301,985.62
Oracle Tuning Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-26	30-Sep-27	40,712.58
Oracle WebLogic Server Management Pack Enterprise Edition - Processor Perpetual	18072505	660		FULL USE	1-Oct-26	30-Sep-27	80,611.08
Oracle WebLogic Suite - Processor Perpetual	18072505	660		FULL USE	1-Oct-26	30-Sep-27	302,290.97

Program Technical Support Fees: USD 1,725,527.74

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	22321615	3		FULL USE	1-Oct-26	30-Sep-27	2,068.17

Program Technical Support Fees: USD 2,068.17

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23255571	4		FULL USE	1-Oct-26	30-Sep-27	1,546.71

Program Technical Support Fees: USD 1,546.71

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Primavera P6 Enterprise Project Portfolio Management - Application User Perpetual	23628008	2		FULL USE	1-Oct-26	30-Sep-27	1,148.90

Program Technical Support Services**Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Succession Planning - Employee Perpetual	87626732	2450	EMPLOYEE	FULL USE	1-Oct-26	30-Sep-27	17,025.19

Program Technical Support Fees: USD 17,025.19**Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
MicroFocus Net Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	10		FULL USE	1-Oct-24	30-Sep-25	13,967.42
MicroFocus Server Express (Mfr is MicroFocus Third Party Program) - Developer Perpetual	15397396	1		FULL USE	1-Oct-24	30-Sep-25	13,967.46

Program Technical Support Fees: USD 27,934.88**Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Procurement Contracts for Oracle Purchasing - Application User Perpetual	3168816	10		FULL USE	1-Oct-24	30-Sep-25	14,511.56

Program Technical Support Fees: USD 14,511.56**Program Technical Support Services****Service Level:** Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Activity Management Gateway - Nonstandard User	3168816	1		FULL USE	1-Oct-24	30-Sep-25	27,712.68
Data Mart Suite - Nonstandard User	3168816	1	NONSTANDARD USER	FULL USE	1-Oct-24	30-Sep-25	27,712.68
EDI Gateway - Computer	3168816	1		FULL USE	1-Oct-24	30-Sep-25	10,893.80
Express Server - Named User Multi Server	3168816	30		FULL USE	1-Oct-24	30-Sep-25	3,050.14
Financials Intelligence - Employee Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	23,542.65
HR Intelligence - Person Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	11,771.36
iReceivables - Invoice Line	3168816	100000		FULL USE	1-Oct-24	30-Sep-25	960.92

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
iSupplier Portal - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-24	30-Sep-25	11,531.04
Learning Management - Trainee Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	14,125.62
Mobile Supply Chain Applications - Application User Perpetual	3168816	35		FULL USE	1-Oct-24	30-Sep-25	26,407.46
Oracle Advanced Benefits - Person Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	18,834.11
Oracle Discoverer Plus - Named User Multi Server	3168816	50		FULL USE	1-Oct-24	30-Sep-25	2,417.63
Oracle Financials & Sales Analyzers - Application User Perpetual	3168816	31		FULL USE	1-Oct-24	30-Sep-25	5,853.35
Oracle Financials - Application User Perpetual	3168816	200		FULL USE	1-Oct-24	30-Sep-25	44,879.29
Oracle Human Resources - Person Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	2,394.22
Oracle Internet Developer Suite - Named User Multi Server	3168816	17		FULL USE	1-Oct-24	30-Sep-25	16,319.36
Oracle Internet Expenses - Expense Report Perpetual	3168816	36000		FULL USE	1-Oct-24	30-Sep-25	34,593.25
Oracle iProcurement - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-24	30-Sep-25	57,655.44
Oracle Programmer - Named User Multi Server	3168816	17		FULL USE	1-Oct-24	30-Sep-25	4,067.58
Oracle Purchasing - Application User Perpetual	3168816	200		FULL USE	1-Oct-24	30-Sep-25	14,738.89
Oracle Warehouse Management - Application User Perpetual	3168816	35		FULL USE	1-Oct-24	30-Sep-25	61,675.78
Order Management - Order Line Perpetual	3168816	500000		FULL USE	1-Oct-24	30-Sep-25	9,984.64
Payroll - Person Perpetual	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	3,434.45
Project Billing - Project Person	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	82,399.23
Project Costing - Project Person	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	17,513.03
Purchasing Intelligence - Purchase Line Perpetual	3168816	60000		FULL USE	1-Oct-24	30-Sep-25	34,593.25
Time Management - Person	3168816	2450		FULL USE	1-Oct-24	30-Sep-25	1,196.94

Program Technical Support Fees: USD 570,258.79

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Configuration Management Pack for Oracle Database - Processor Perpetual	18072505	800		FULL USE	1-Oct-24	30-Sep-25	37,641.07

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	1		FULL USE	1-Oct-24	30-Sep-25	107.04
Oracle Business Intelligence Management Pack - Processor Perpetual	18072505	3		FULL USE	1-Oct-24	30-Sep-25	963.21
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	3		FULL USE	1-Oct-24	30-Sep-25	24,709.45
Oracle Business Intelligence Suite Enterprise Edition Plus - Processor Perpetual	18072505	1		FULL USE	1-Oct-24	30-Sep-25	2,745.55
Oracle Database Enterprise Edition - Processor Perpetual	18072505	800		FULL USE	1-Oct-24	30-Sep-25	363,559.23
Oracle Diagnostics Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-24	30-Sep-25	37,641.07
Oracle E-Business Suite Adapter - Processor Perpetual	18072505	660		FULL USE	1-Oct-24	30-Sep-25	108,688.56
Oracle Partitioning - Processor Perpetual	18072505	126		FULL USE	1-Oct-24	30-Sep-25	13,635.48
Oracle Real Application Clusters - Processor Perpetual	18072505	218		FULL USE	1-Oct-24	30-Sep-25	47,183.08
Oracle Service Registry - Processor Perpetual	18072505	384		FULL USE	1-Oct-24	30-Sep-25	166,222.98
Oracle SOA Management Pack Enterprise Edition - Processor Perpetual	18072505	516		FULL USE	1-Oct-24	30-Sep-25	121,392.45
Oracle SOA Suite for Oracle Middleware - Processor Perpetual	18072505	516		FULL USE	1-Oct-24	30-Sep-25	279,202.68
Oracle Tuning Pack - Processor Perpetual	18072505	800		FULL USE	1-Oct-24	30-Sep-25	37,641.07
Oracle WebLogic Server Management Pack Enterprise Edition - Processor Perpetual	18072505	660		FULL USE	1-Oct-24	30-Sep-25	74,529.48
Oracle WebLogic Suite - Processor Perpetual	18072505	660		FULL USE	1-Oct-24	30-Sep-25	279,484.99

Program Technical Support Fees: USD 1,595,347.39

Total Price: USD 7,895,146.54

Excluding applicable tax

Notes

If Oracle accepts Your renewal order, the start date set forth in the Service Details table above shall serve as the commencement date of the technical support services and the technical support services ordered under this renewal order will be provided through the end date specified in the table for the applicable programs and/ or hardware ("Support Period").

If any of the fields listed in the Service Details table above are blank, then such fields do not apply to Your renewal.

Technical Support Services Terms

If the Customer and the Customer Quote To name identified in the General Information table above are not the same, JEA represents that Customer has authorized JEA to execute this renewal order on the Customer's behalf and to bind the Customer to the terms contained in this renewal order. JEA agrees that the services ordered are for the sole benefit of Customer and shall only be used by Customer. JEA agrees to advise Customer of the terms of this renewal order as well as any communications received from Oracle regarding the services.

If the Customer and the Customer Bill To name identified in the General Information table above are not the same, Customer agrees that: a) Customer has the ultimate responsibility for payments under this renewal order; and b) any failure of JEA to make timely payment per the terms of this renewal order shall be deemed a breach by Customer and, in addition to any other remedies available to Oracle, Oracle may terminate Customer's technical support service under this renewal order.

Technical support is provided under Oracle's technical support policies in effect at the time the services are provided. The technical support policies are subject to change at Oracle's discretion; however, Oracle will not materially reduce the level of services provided for supported programs and/or hardware during the period for which fees for technical support have been paid, or for U.S. federal and public sector entities, the period for which services have been ordered. You should review the technical support policies prior to entering into this renewal order.

The current version of the technical support policies may be accessed at <http://www.oracle.com/us/support/policies/index.html>.

Regarding the inclusion of DFARS 252.204-7012, the parties agree that DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (OCT 2016), does not apply to the Commercial Off the Shelf (COTS) licenses or hardware, and does not apply to the associated technical support because Oracle will not process, collect, develop, receive, transmit, use, or store "covered defense information" on "covered contractor information systems" as defined in DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (OCT 2016), in performance of the associated technical support services ordered under this renewal quote, and the Government agrees that it will not provide "covered defense information" to Oracle in performance of the associated technical support services..

The technical support services renewed under this renewal order are governed by the terms and conditions of the US-OMA-271987 ("agreement"). Any use of the programs and/or hardware, which includes updates and other materials provided or made available by Oracle as a part of technical support services, is subject to the rights granted for the programs and/or hardware set forth in the order in which the programs and/or hardware were acquired.

This renewal order incorporates the agreement by reference. In the event of inconsistencies between the terms contained in this renewal order and the agreement, this renewal order shall take precedence.

Award #2 Supporting Documents 10/24/2024

Renewal Processing Details

Your renewal order is subject to Oracle's acceptance. Your renewal is considered complete when You provide Oracle with payment details for the renewal as detailed below or an executed Oracle Financing contract. Once completed, Your renewal cannot be cancelled and Your payment is nonrefundable, except as provided in the agreement. Oracle will issue an invoice to You upon receipt of a purchase order or a form of payment acceptable to Oracle.

If You are U.S. federal government or public sector entity, Oracle will issue You an invoice quarterly in arrears after the services are performed.

Unless you are an U.S. federal government entity, Oracle's invoice includes applicable sales tax, GST, or VAT (collectively referred to as "tax"). If JEA is a tax exempt organization and is not an U.S. federal government entity, a copy of JEA's tax exemption certificate must be submitted with JEA's purchase order, credit card, or other acceptable form of payment.

Technical Support fees are invoiced Quarterly in Arrears. All fees payable to Oracle are due within 30 NET from date of invoice.

You agree to pay any sales, value-added or other similar taxes imposed by applicable law, except for taxes based on Oracle's income. If JEA is a tax exempt organization, a copy of JEA's tax exemption certificate must be submitted with JEA's purchase order, check, credit card or other acceptable form of payment.

Payment Details

Purchase Order

If You are submitting a purchase order for the payment of the renewal of the technical support services on this renewal order, the purchase order must be in a non-editable format (e.g., PDF) and include the following information:

- Support Service Number: SKY-3099550
- Total Price: USD 7,895,146.54 (excluding applicable tax)
- Local Tax, if applicable

In issuing a purchase order, JEA agrees that the terms of this renewal order and the agreement supersede the terms in the purchase order or any other non-Oracle document, and no terms included in any such purchase order or other non-Oracle document shall apply to the technical support services ordered under this renewal order.

Please contact Oracle per the General Information section above to issue Your purchase order.

Credit Card

If You wish to use a credit card to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process credit card transactions of USD \$100,000 or greater or transactions that are not in USD.

PayPal

If You wish to use PayPal to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process PayPal transactions of USD \$100,000 or greater or transactions that are not in USD.

eCheck

If You wish to use eCheck to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process eCheck transactions that are not in USD.

Award #2 Supporting Documents 10/24/2024

Check

If You are submitting a check for the payment of the renewal of the technical support services on this renewal order, the check must include the following information:

- Support Service Number: SKY-3099550
- Total Price: USD 7,895,146.54 (excluding applicable tax)
- Local Tax, if applicable

In issuing a check, JEA agrees that only the terms of this renewal order and the agreement shall apply to the technical support services ordered under this renewal order. No terms attached or submitted with the check shall apply.

Checks for technical support services ordered under this renewal order should be sent to:

AK, AZ, CA, HI, ID, NV, OR, UT, WA:

Oracle America, Inc
PO Box 884471
Los Angeles, CA 90088-4471

All Other States:

Oracle America, Inc
PO Box 203448
Dallas, TX 75320-3448

Payment Confirmation

If You cannot pay using any of the payment methods described above, please complete this payment confirmation and submit it to Oracle. Please initial the following statement that best applies to You.

___ JEA does not issue purchase orders.

___ JEA does not require a purchase order for the services ordered hereto.

JEA certifies that the information provided above is accurate and complies with JEA's business practices in entering into this renewal order, including obtaining all necessary approvals to release the funds for this renewal. In issuing this payment confirmation, JEA agrees that the terms of this renewal order and the agreement shall apply to the technical support services ordered under this renewal order. No terms attached or submitted with the payment confirmation shall apply.

The signature below affirms JEA's commitment to pay for the services ordered in accordance with the terms of this renewal order.

JEA

Authorized Signature

Name

Title

Signature Date

Award #2 Supporting Documents 10/24/2024

Please contact Oracle per the General Information section above to issue Your Payment Confirmation.

Certification of Single Source or Emergency Procurement

Please use this form to certify a Single Source or Emergency Procurement complies with the requirements of the JEA Procurement Code. The JEA Procurement Code defines a Single Source and Emergency Procurement as follows:

3-112 Single Source

A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

- (a) there is only one justifiable source for the required Supplies or Services; **Note: Please provide justification.**
- (b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors; **Note: If this is a Single Source Standard or OEM, please provide proper backup documentation.**
- (c) the Services are a follow-up of Services that may only be done efficiently and effectively by the Vendor that rendered the initial Services to JEA, provided the Procurement of the initial Services was competitive;
- (d) at the conclusion of a Pilot Project under Section 3-118 of this Code, the Procurement of Supplies or Services tested during the Pilot Project, provided the Vendor was competitively selected for the Pilot Project.

3-113 Emergency Procurements

In the event of an Emergency, the Chief Procurement Officer may make or authorize an Emergency Procurement, provided that Emergency Procurements shall be made with as much competition as practicable under the circumstances. A written Determination of the basis for the Emergency and for the selection of the particular Vendor shall be included in the Procurement file.

For purposes of this Section 3-113, an "Emergency" means any one of the following:

- (a) a reasonably unforeseen breakdown in machinery;
- (b) an interruption in the delivery of an essential governmental service or the development of a circumstance causing a threatened curtailment, diminution, or termination of an essential service;
- (c) the development of a dangerous condition causing an immediate danger to the public health, safety, or welfare or other substantial loss to JEA;
- (d) an immediate danger of loss of public or private property;
- (e) the opportunity to secure significant financial gain, to avoid delays to any Governmental Entity or avoid significant financial loss through immediate or timely action; or (f) a valid public emergency certified by the Chief Executive Officer.

Please provide the following information:

Vendor Name:

Description of Services or Supplies provided by Vendor:

Award #2 Supporting Documents 10/24/2024

Certification:

I the undersigned certify that to the best of my knowledge, no JEA employee has, either directly or indirectly, a financial interest in this Single Source Emergency Procurement, and

I the undersigned certify that this procurement meets the requirements of a (choose one of the following):

_____ **Single Source Procurement.** Please state which subsection of Section 3-112 above applies to this Single Source Procurement:

Is this Single Source also a Ratification? Yes No If yes, explain

OR

_____ **Emergency Procurement** - Please state which subsection of Section 3-113 above applies to this Emergency

Is this Emergency also a Ratification? Yes No If yes, explain

Brad Krol

Signature of JEA Business Unit Chief (or designee)

Name of JEA Business Unit Chief (or designee)

This certification shall be attached to the Purchase Order when it is routed for approval. A Single Source or Emergency Procurement shall be reported to the JEA Board in accordance with Section 1-110 of the JEA Procurement Code.

Iosua, Angel D.

From: Iosua, Angel D.
Sent: Friday, October 11, 2024 1:22 PM
To: Sven Teuber; Larry Blount; Steve Cassel
Subject: Solicitation# 1411832447: IFB-Underground Fiber Optic Cable Repair and Maintenance : Intent To Award

Bidder(s),

This communication is to inform you of JEA’s intent to award for Solicitation # 1411832447: IFB-Underground Fiber Optic Cable Repair and Maintenance contingent upon successful contract execution, and Awards Committee Approval. JEA has reviewed all of the submittals and has determined that Cook Electrical Inc, is the Responsive and Responsible Proposer whose Response meets or exceeds the Minimum Qualifications set forth in this Solicitation, and is the Highest Evaluated Respondent. The Bid Results are seen below.

Bidder	Bid Amount
COOK ELECTRICAL INC	\$ 2,157,902.00
NEX-GEN FIBER SERVICES	\$ 3,000,586.00
SPE UTILITY CONTRACTORS FD LLC	\$ 5,445,313.00

If you have any questions concerning this, you must refer to the JEA Purchasing Code, Article 4, Administrative Remedies located on JEA.com. JEA’s Chief Procurement Officer is Jenny McCollum at Gleejs@jea.com, JEA appreciates your participation and looks forward to future opportunities to work with your company.

Thank you,
Angel Iosua

Angel Iosua

Purchasing Agent, Senior

iosuad@jea.com

Mobile: (904) 760-6508





2-Oct-24

Dear Annesley Brightwell

Your technical support services are due for renewal.

Support Service Number: 18818508

Support Start Date: 1-Oct-24

Amount Due: USD 2,895,320.88 (excluding applicable tax)

To avoid any interruption in these services, please complete your renewal by 9-Oct-24.

Oracle would like to thank you for your continued business.

Have a question about your renewal? Call 301-641-0727 or email Oracle at mavis.waters@oracle.com.



Technical Support Services Renewal Order

General Information

Customer: JEA

Support Service Number: 18818508

Offer Expires: 9-Oct-24

Oracle: Oracle America, Inc.

Oracle Contact Information:

Mavis Waters

Call: 301-641-0727

Email: mavis.waters@oracle.com

Online Renewals can be viewed and accepted on [My Support Renewals](#)

Customer Quote To

Annesley Brightwell

JEA

225 N. Pearl Street

NA

Jacksonville

FL 32202

United States

904 699-7176

brigap@jea.com

Customer Bill To

Payable Accounts

JEA

225 N. Pearl Street

NA

Jacksonville

FL 32202

United States

904-665-7363

Acctpaycustsrv@jea.com

"You" and "Your" as used in this renewal order, refer to the Customer listed above.

Please ensure the Quote To and Bill To details above are correct, especially the email addresses, as Oracle will usually deliver communications, including Your invoice, to the respective email address.

Award #4 Supporting Documents 10/24/2024

Service Details

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Advanced Meter Solution - 100 Utilities Devices Perpetual	22047029	8470		FULL USE	1-Oct-24	30-Sep-25	215,899.72
Oracle Utilities Smart Grid Gateway Adapter for Landis+Gyr - 100 Utilities Devices Perpetual	22051287	8250		FULL USE	1-Oct-24	30-Sep-25	21,029.21
Oracle Utilities Customer to Meter Base for Residential Customers - 100 in Customer Count Perpetual	22051288	4500		FULL USE	1-Oct-24	30-Sep-25	256,608.31
Oracle Utilities Customer to Meter Base for Commercial and Industrial Customers - 100 in Customer Count Perpetual	22051289	500		FULL USE	1-Oct-24	30-Sep-25	413,475.45

Program Technical Support Fees: USD 907,012.69

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Meter Data Management - Processor Perpetual	27486904	6		FULL USE	1-Oct-24	30-Sep-25	20,499.13

Program Technical Support Fees: USD 20,499.13

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Advanced Meter Solution - 100 Utilities Devices Perpetual	22047029	8470		FULL USE	1-Oct-25	30-Sep-26	224,535.70
Oracle Utilities Smart Grid Gateway Adapter for Landis+Gyr - 100 Utilities Devices Perpetual	22051287	8250		FULL USE	1-Oct-25	30-Sep-26	21,870.38
Oracle Utilities Customer to Meter Base for Residential Customers - 100 in Customer Count Perpetual	22051288	4500		FULL USE	1-Oct-25	30-Sep-26	266,872.64
Oracle Utilities Customer to Meter Base for Commercial and Industrial Customers - 100 in Customer Count Perpetual	22051289	500		FULL USE	1-Oct-25	30-Sep-26	430,014.46

Program Technical Support Fees: USD 943,293.18

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Meter Data Management - Processor Perpetual	27486904	6		FULL USE	1-Oct-25	30-Sep-26	21,319.10

Program Technical Support Fees: USD 21,319.10

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Advanced Meter Solution - 100 Utilities Devices Perpetual	22047029	8470		FULL USE	1-Oct-26	30-Sep-27	233,517.14
Oracle Utilities Smart Grid Gateway Adapter for Landis+Gyr - 100 Utilities Devices Perpetual	22051287	8250		FULL USE	1-Oct-26	30-Sep-27	22,745.19
Oracle Utilities Customer to Meter Base for Residential Customers - 100 in Customer Count Perpetual	22051288	4500		FULL USE	1-Oct-26	30-Sep-27	277,547.55
Oracle Utilities Customer to Meter Base for Commercial and Industrial Customers - 100 in Customer Count Perpetual	22051289	500		FULL USE	1-Oct-26	30-Sep-27	447,215.04

Program Technical Support Fees: USD 981,024.92

Program Technical Support Services

Service Level: Software Update License & Support

Product Description	CSI #	Qty	License Metric	License Level / Type	Start Date	End Date	Price
Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Meter Data Management - Processor Perpetual	27486904	6		FULL USE	1-Oct-26	30-Sep-27	22,171.86

Program Technical Support Fees: USD 22,171.86

Total Price: USD 2,895,320.88

Excluding applicable tax

Notes

If Oracle accepts Your renewal order, the start date set forth in the Service Details table above shall serve as the commencement date of the technical support services and the technical support services ordered under this renewal order will be provided through the end date specified in the table for the applicable programs and/ or hardware ("Support Period").

If any of the fields listed in the Service Details table above are blank, then such fields do not apply to Your renewal.

Award #4 Supporting Documents 10/24/2024

Technical Support Services Terms

If the Customer and the Customer Quote To name identified in the General Information table above are not the same, JEA represents that Customer has authorized JEA to execute this renewal order on the Customer's behalf and to bind the Customer to the terms contained in this renewal order. JEA agrees that the services ordered are for the sole benefit of Customer and shall only be used by Customer. JEA agrees to advise Customer of the terms of this renewal order as well as any communications received from Oracle regarding the services.

If the Customer and the Customer Bill To name identified in the General Information table above are not the same, Customer agrees that: a) Customer has the ultimate responsibility for payments under this renewal order; and b) any failure of JEA to make timely payment per the terms of this renewal order shall be deemed a breach by Customer and, in addition to any other remedies available to Oracle, Oracle may terminate Customer's technical support service under this renewal order.

Technical support is provided under Oracle's technical support policies in effect at the time the services are provided. The technical support policies are subject to change at Oracle's discretion; however, Oracle will not materially reduce the level of services provided for supported programs and/or hardware during the period for which fees for technical support have been paid, or for U.S. federal and public sector entities, the period for which services have been ordered. You should review the technical support policies prior to entering into this renewal order.

The current version of the technical support policies may be accessed at <http://www.oracle.com/us/support/policies/index.html>.

Regarding the inclusion of DFARS 252.204-7012, the parties agree that DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (OCT 2016), does not apply to the Commercial Off the Shelf (COTS) licenses or hardware, and does not apply to the associated technical support because Oracle will not process, collect, develop, receive, transmit, use, or store "covered defense information" on "covered contractor information systems" as defined in DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (OCT 2016), in performance of the associated technical support services ordered under this renewal quote, and the Government agrees that it will not provide "covered defense information" to Oracle in performance of the associated technical support services..

The technical support services renewed under this renewal order are governed by the terms and conditions of the US-OMA-271987 ("agreement"). Any use of the programs and/or hardware, which includes updates and other materials provided or made available by Oracle as a part of technical support services, is subject to the rights granted for the programs and/or hardware set forth in the order in which the programs and/or hardware were acquired.

This renewal order incorporates the agreement by reference. In the event of inconsistencies between the terms contained in this renewal order and the agreement, this renewal order shall take precedence.

Award #4 Supporting Documents 10/24/2024

Renewal Processing Details

Your renewal order is subject to Oracle's acceptance. Your renewal is considered complete when You provide Oracle with payment details for the renewal as detailed below or an executed Oracle Financing contract. Once completed, Your renewal cannot be cancelled and Your payment is nonrefundable, except as provided in the agreement. Oracle will issue an invoice to You upon receipt of a purchase order or a form of payment acceptable to Oracle.

If You are U.S. federal government or public sector entity, Oracle will issue You an invoice quarterly in arrears after the services are performed.

Unless you are an U.S. federal government entity, Oracle's invoice includes applicable sales tax, GST, or VAT (collectively referred to as "tax"). If JEA is a tax exempt organization and is not an U.S. federal government entity, a copy of JEA's tax exemption certificate must be submitted with JEA's purchase order, credit card, or other acceptable form of payment.

Technical Support fees are invoiced Quarterly in Arrears. All fees payable to Oracle are due within 30 NET from date of invoice.

You agree to pay any sales, value-added or other similar taxes imposed by applicable law, except for taxes based on Oracle's income. If JEA is a tax exempt organization, a copy of JEA's tax exemption certificate must be submitted with JEA's purchase order, check, credit card or other acceptable form of payment.

Payment Details

Purchase Order

If You are submitting a purchase order for the payment of the renewal of the technical support services on this renewal order, the purchase order must be in a non-editable format (e.g., PDF) and include the following information:

- Support Service Number: 18818508
- Total Price: USD 2,895,320.88 (excluding applicable tax)
- Local Tax, if applicable

In issuing a purchase order, JEA agrees that the terms of this renewal order and the agreement supersede the terms in the purchase order or any other non-Oracle document, and no terms included in any such purchase order or other non-Oracle document shall apply to the technical support services ordered under this renewal order.

Please contact Oracle per the General Information section above to issue Your purchase order.

Credit Card

If You wish to use a credit card to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process credit card transactions of USD \$100,000 or greater or transactions that are not in USD.

PayPal

If You wish to use PayPal to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process PayPal transactions of USD \$100,000 or greater or transactions that are not in USD.

eCheck

If You wish to use eCheck to pay for the renewal of the technical support services on this renewal order, please contact Oracle per the General Information section above. Please note that Oracle is unable to process eCheck transactions that are not in USD.

Award #4 Supporting Documents 10/24/2024

Check

If You are submitting a check for the payment of the renewal of the technical support services on this renewal order, the check must include the following information:

- Support Service Number: 18818508
- Total Price: USD 2,895,320.88 (excluding applicable tax)
- Local Tax, if applicable

In issuing a check, JEA agrees that only the terms of this renewal order and the agreement shall apply to the technical support services ordered under this renewal order. No terms attached or submitted with the check shall apply.

Checks for technical support services ordered under this renewal order should be sent to:

AK, AZ, CA, HI, ID, NV, OR, UT, WA:

Oracle America, Inc
PO Box 884471
Los Angeles, CA 90088-4471

All Other States:

Oracle America, Inc
PO Box 203448
Dallas, TX 75320-3448

Payment Confirmation

If You cannot pay using any of the payment methods described above, please complete this payment confirmation and submit it to Oracle. Please initial the following statement that best applies to You.

___ JEA does not issue purchase orders.

___ JEA does not require a purchase order for the services ordered hereto.

JEA certifies that the information provided above is accurate and complies with JEA's business practices in entering into this renewal order, including obtaining all necessary approvals to release the funds for this renewal. In issuing this payment confirmation, JEA agrees that the terms of this renewal order and the agreement shall apply to the technical support services ordered under this renewal order. No terms attached or submitted with the payment confirmation shall apply.

The signature below affirms JEA's commitment to pay for the services ordered in accordance with the terms of this renewal order.

JEA

Authorized Signature

Name

Title

Signature Date

Award #4 Supporting Documents 10/24/2024

Please contact Oracle per the General Information section above to issue Your Payment Confirmation.

Certification of Single Source or Emergency Procurement

Please use this form to certify a Single Source or Emergency Procurement complies with the requirements of the JEA Procurement Code. The JEA Procurement Code defines a Single Source and Emergency Procurement as follows:

3-112 Single Source

A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

- (a) there is only one justifiable source for the required Supplies or Services; **Note: Please provide justification.**
- (b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors; **Note: If this is a Single Source Standard or OEM, please provide proper backup documentation.**
- (c) the Services are a follow-up of Services that may only be done efficiently and effectively by the Vendor that rendered the initial Services to JEA, provided the Procurement of the initial Services was competitive;
- (d) at the conclusion of a Pilot Project under Section 3-118 of this Code, the Procurement of Supplies or Services tested during the Pilot Project, provided the Vendor was competitively selected for the Pilot Project.

3-113 Emergency Procurements

In the event of an Emergency, the Chief Procurement Officer may make or authorize an Emergency Procurement, provided that Emergency Procurements shall be made with as much competition as practicable under the circumstances. A written Determination of the basis for the Emergency and for the selection of the particular Vendor shall be included in the Procurement file.

For purposes of this Section 3-113, an "Emergency" means any one of the following:

- (a) a reasonably unforeseen breakdown in machinery;
- (b) an interruption in the delivery of an essential governmental service or the development of a circumstance causing a threatened curtailment, diminution, or termination of an essential service;
- (c) the development of a dangerous condition causing an immediate danger to the public health, safety, or welfare or other substantial loss to JEA;
- (d) an immediate danger of loss of public or private property;
- (e) the opportunity to secure significant financial gain, to avoid delays to any Governmental Entity or avoid significant financial loss through immediate or timely action; or (f) a valid public emergency certified by the Chief Executive Officer.

Please provide the following information:

Vendor Name:

Oracle America, Inc.

Description of Services or Supplies provided by Vendor:

Vendor Support for Oracle Utilities products: CC&B (Customer Care and Billing), MDM (Meter Data Management)

SGG (Smart Grid gateway) and SOM (Service Order Manager) These modules are under the umbrella of

Oracle's Utilities solution Customer to Meter (C2M).

Award #4 Supporting Documents 10/24/2024

Certification:

I the undersigned certify that to the best of my knowledge, no JEA employee has, either directly or indirectly, a financial interest in this Single Source Emergency Procurement, and

I the undersigned certify that this procurement meets the requirements of a (choose one of the following):

Single Source Procurement. Please state which subsection of Section 3-112 above applies to this Single Source Procurement: C

Is this Single Source also a Ratification? Yes No If yes, explain

OR

Emergency Procurement - Please state which subsection of Section 3-113 above applies to this Emergency

Is this Emergency also a Ratification? Yes No If yes, explain

Brad Krol
Signature of JEA Business Unit Chief (or designee)
Brad Krol (CIO)
Name of JEA Business Unit Chief (or designee)

October 17, 2024

This certification shall be attached to the Purchase Order when it is routed for approval. A Single Source or Emergency Procurement shall be reported to the JEA Board in accordance with Section 1-110 of the JEA Procurement Code.

Award #5 Supporting Documents 10/24/2024

JEA Item ID	Item Description	UOM	Estimated Three Year Usage	Proposed Awardee	Quoted Unit Price	Total Proposed Bid Price
CODCO032	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 3" SLIP T	EA	114	Gresco	8.23	\$938.22
CODPE004	CONDUIT, COILABLE, 4-INCH POLYETHYLENE, GRAY SDR 13.5 POWER CONDUIT, SMOOTH WALL VIRGIN HDPE. TYPE III, CLASS C, CATEGORY 3, UV PROTECTED, GRADE P34 POLY, 750 FT REEL (SHIP TO 11201 NEW BERLIN RD, JAX, 32226 - OPEN FLATBED TRUCK)	FT	87750	Gresco	1.87	\$164,092.50
CODPE006	CONDUIT, COILABLE, 6-INCH POLYETHYLENE GRAY SDR 13.5 POWER CONDUIT, SMOOTH WALL FROM VIRGIN HDPE. TYPE III, CLASS C, CATEGORY 3, UV PROTECTED, GRADE P34 POLY, 450 FT REEL (SHIP TO 11201 NEW BERLIN RD, JAX, 32226 - OPEN FLATBED TRUCK)	FT	213300	Gresco	4.00	\$853,200.00
CODAF010	ACCESS FITTING, 1", TYPE LB SCHEDULE 40, PVC	EA	60	Gex Pro	3.19	\$191.25
CODCO033	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 4" SLIP TYPE	EA	346	Gex Pro	11.00	\$3,806.00
CODEF002	CONNECTOR, FLEXIBLE PVC, 90-DEGREE, 1" PACKAGED 25-UNITS PER CARTON	EA	75	Gex Pro	2.94	\$220.50
CODEP008	ELBOW, PVC, CONDUIT, 6", 45-DEGREE 150" SWEEP-RADIUS, TYPE DB-60, WITH INTEGRAL BELLED END	EA	11	Gex Pro	139.06	\$1,529.66
CODEP030	ELBOW, REPAIR, PVC, CONDUIT, 4", 45-DEGREE, 36" SWEEP-RADIUS, SCH-40	EA	2	Gex Pro	17.99	\$35.98
CODPC013	CONDUIT, PVC, 6", SCH-40, SPLIT-DUCT 10-FOOT SECTIONS SHIPPED ON OPEN FLAT BED TRUCK SUITABLE FOR FORKLIFT UNLOADING	FT	20	Gex Pro	17.55	\$351.00
CODPC014	CONDUIT, PVC, 2", SCH-40, SPLIT-DUCT 10-FOOT SECTIONS SHIPPED ON OPEN FLAT BED TRUCK SUITABLE FOR FORKLIFT UNLOADING	FT	40	Gex Pro	4.81	\$192.40
CODPC015	CONDUIT, PVC, 3", SCH-40, SPLIT-DUCT 10-FOOT SECTIONS SHIPPED ON OPEN FLAT BED TRUCK SUITABLE FOR FORKLIFT UNLOADING	FT	80	Gex Pro	6.20	\$496.00
CODPC017	CONDUIT, FLEXABLE PVC, 1"NON-METALIC PACKAGED 100-FEET PER POLYPACK	FT	2900	Gex Pro	0.68	\$1,972.00
CODPL005	PLUG, PVC CONDUIT, 1" I.D., CAP-TYPE	EA	164	Gex Pro	0.84	\$136.99
CODPL003	PLUG, CONDUIT, PVC, 4" ID, TYPE EB	EA	1232	Gex Pro	1.07	\$1,318.98
CODEP021	ELBOW, PVC, 2", 36" RADIUS, 90-DEGREE CONDUIT.	EA	2	Gex Pro	11.11	\$22.22
CODEP006	ELBOW, PVC, CONDUIT, 4", 90-DEGREE 36" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELL END	EA	1022	Irby	25.93	\$26,500.46
CODKT001	KIT, RISER PLUG, FOR CONDUIT RISERS AND CABLE GUARDS UP TO 6" DIAMETER.	EA	120	Irby	44.87	\$5,384.40
CODPC003	CONDUIT, PVC, 4", SCH-40, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS END WITHOUT COUPLING MUST BE CHAMFERED 40-DEGREES SHIPPED ON OPEN FLAT BED TRUCK - STANDARD PALLET SIZE 1140 FT	FT	165300	Irby	2.76	\$456,228.00

Award #5 Supporting Documents 10/24/2024

CODPC005	CONDUIT, PVC, 6", SCH-40, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS END WITHOUT COUPLING MUST BE CHAMFERED 40-DEGREES SHIPPED ON OPEN FLAT BED TRUCK	FT	25480	Irby	5.10	\$129,948.00
CODPC016	CONDUIT, PVC, 1" SCHEDULE-40, 10' LONG PACKAGED 10-UNITS PER BUNDLE	FT	3600	Irby	0.52	\$1,872.00
CODPC019	CONDUIT, PVC, 2", SCH-40, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS END WITHOUT COUPLING MUST BE CHAMFERED 40-DEGREES SHIPPED ON OPEN FLAT BED TRUCK	FT	16800	Irby	1.08	\$18,144.00
CODPC031	CONDUIT, PVC, 6", TYPE DB-60, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS SHIPPED ON OPEN FLAT BED TRUCK SUITABLE FOR FORKLIFT UNLOADIN	FT	304	Irby	4.32	\$1,313.28
CODPE002	CONDUIT, COILABLE, 2-INCH POLYETHYLENE GRAY SDR 13.5 POWER CONDUIT, SMOOTH WALL FROM VIRGIN HIGH-DENSITY POLY RESIN. TYPE III, CLASS C, CATEGORY 3, UV PROTECTED, GRADE P34 POLY (SHIP TO 2325 EMERSON ST. 32207) OPEN FLATBED TRUCK 4500FT REEL	FT	9000	Wesco	0.50	\$4,500.00
CODCO034	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 6" SLIP TYPE	EA	550	Wesco	16.54	\$9,097.00
CODCO040	COUPLING, 2 INCH SPLIT-DUCT, 6" MINIMUM LENGHT.	EA	6	Wesco	6.18	\$37.08
CODCO042	COUPLING, 4 INCH SPLIT-DUCT, 6" MINIMUM LENGHT.	EA	4	Wesco	9.68	\$38.72
CODCO043	COUPLING, 6 INCH SPLIT-DUCT, 10" MINIMUM LENGHT.	EA	4	Wesco	18.28	\$73.12
CODEP001	ELBOW, PVC, CONDUIT, 2", 45-DEGREE 36" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELL END	EA	250	Wesco	9.70	\$2,425.00
CODEP002	ELBOW, PVC, CONDUIT, 2", 90-DEGREE 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELL END	EA	36	Wesco	18.81	\$677.16
CODEP005	ELBOW, PVC, CONDUIT, 4", 45-DEGREE 36" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END.	EA	543	Wesco	18.29	\$9,931.47
CODEP009	ELBOW, PVC, CONDUIT, 6", 90-DEGREE 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END	EA	144	Wesco	98.87	\$14,237.28
CODEP010	ELBOW, PVC, CONDUIT, 6", 45-DEGREE, 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END	EA	62	Wesco	46.58	\$2,887.96
CODEP011	ELBOW, PVC, CONDUIT, 6", 22.5-DEGREE 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END	EA	128	Wesco	38.46	\$4,922.88
CODPL001	PLUG, CONDUIT, PVC, 2" ID, TYPE EB	EA	140	Wesco	1.12	\$156.80
CODWH002	WEATHERHEAD, PVC, 1" PACKAGED 15-UNITS PER CARTON	EA	61	Wesco	4.38	\$267.18
CODAD015	ADAPTER, CONDUIT, POLYVINYL CHLORIDE PVC TO POLYETHYLENE (PE, COILABLE CONDUIT) 1" COUPLER PVC MATERIAL	EA	200	Wesco	4.81	\$962.00
CODAD016	ADAPTER, CONDUIT, POLYVINYL CHLORIDE PVC TO POLYETHYLENE (PE, COILABLE CONDUIT) 2" COUPLER	EA	60	Wesco	9.15	\$549.00

Award #5 Supporting Documents 10/24/2024

CODAD017	ADAPTER, CONDUIT, POLYVINYL CHLORIDE PVC TO POLYETHYLENE (PE, COILABLE CONDUIT) 3" COUPLER PVC MATERIAL	EA	40	Wesco	13.91	\$556.40
CODCO003	COUPLING, CONDUIT, PVC, 2", SCH-40 LONG LINE	EA	300	Wesco	1.20	\$360.00
CODCO031	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 2" SLIP TYPE	EA	243	Wesco	6.50	\$1,579.50
CODEP026	ELBOW, PVC 3", SCH.-40, 13"-RADIUS ONE BELLED END OR COUPLING, 90-DEGREE	EA	10	Wesco	10.37	\$103.70
CODPL002	PLUG, CONDUIT, PVC, 3" ID, TYPE EB	EA	200	Wesco	1.39	\$278.00
CODRC042	COUPLING, CONDUIT REDUCER PVC SCH-40; 4" SPIGOT TO 2", WITH INTERNAL STOP	EA	20	Wesco	6.68	\$133.60
CODRC062	COUPLING, CONDUIT REDUCER PVC SCH-40; 6" SPIGOT TO 2", WITH INTERNAL STOP	EA	6	Wesco	16.53	\$99.18
CODRC064	COUPLING, CONDUIT REDUCER PVC SCH-40; 6" SPIGOT TO 4", WITH INTERNAL STOP	EA	51	Wesco	16.53	\$843.03
CODCO006	COUPLING, CONDUIT, PVC, 6", TYPE SCH-40	EA	424	World Electric	7.70	\$3,264.80
CODAD004	ADAPTER, MALE, 1", PVC	EA	70	World Electric	0.34	\$23.80
CODBE002	BELL-END, 3", PVC, TYPE EB	EA	23	World Electric	3.55	\$81.65
CODCO005	COUPLING, CONDUIT, PVC, 4", SCH-40	EA	1300	World Electric	2.38	\$3,094.00
CODEP012	ELBOW, STANDARD, 6", 90-DEGREE 30" SWEEP-RADIUS. WITH-OUT BELL END	EA	18	World Electric	41.93	\$754.74
CODPC010	CONDUIT, PVC 1 1/2 " TYPE SCHEDULE 40 W/COUPLING ATTACHED, OR BELLED END 10' LENGTHS	FT	150	World Electric	0.88	\$132.00
CODCO014	COUPLING, 1-1/2", PVC	EA	30	World Electric	0.36	\$10.80
CODEM001	CONDUIT, 1", EMT THINWALL	FT	23	World Electric	1.25	\$28.75



October 22, 2024

Siemens Energy Proposal 24-0050

Mr. Kendrick Taylor
JEA Northside 3
4377 Hecksher Drive
Jacksonville, Florida 32226

Subject: **JEA, Northside 3 Lube Oil Cooler Inspection (Summary)**

Dear Mr. Taylor,

JEA has requested a summary for the scope of work & pricing presented in Siemens Energy Proposal 24-0050 to be used in the public review process. This letter makes no modifications or revisions to the existing proposal and is being presented only to satisfy JEA's request.

Please find the scope of work & pricing summary for the Northside 3 Lube Oil Cooler Inspection scopes. Siemens Energy grants JEA permission to use this summary for the public review process.

With kind regards,

A handwritten signature in black ink, appearing to read "S. Holland", written over a light blue circular watermark.

Stuart Holland
Account Representative
Siemens Energy Power Systems Sales
4400 Alafaya Trail
Orlando, FL 32828
Tel.: 321-512-5809
Stuart.Holland@siemens-energy.com

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4400 Alafaya Trail
Orlando, FL 32826-2301



SECTION 1 – SCOPE OF WORK

SUMMARY SCOPE: LUBE OIL COOLER INSPECTION

Bae Scope 1: Onsite Cleaning of the Lube Oil Coolers

Adder Scope 1: 3-Way Valve Refurbishment

Adder Scope 2: Oil Circulation TFA and Tooling

Adder Scope 3: Oil Circulation Labor

Adder Scope 4: Bearing Pedestal Open and Close



SECTION 2 – PRICING

Item	Description	2024 Price
1	Northside 3 Lube Oil Cooler Inspection <i>Onsite Cleaning of the Lube Oil Coolers</i> <i>3-Way Valve Refurbishment</i> <i>Oil Circulation TFA and Tooling</i> <i>Oil Circulation Labor</i> <i>Bearing Pedestal Open and Close</i>	\$409,762

Certification of Single Source or Emergency Procurement

Please use this form to certify a Single Source or Emergency Procurement complies with the requirements of the JEA Procurement Code. The JEA Procurement Code defines a Single Source and Emergency Procurement as follows:

3-112 Single Source

A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

- (a) there is only one justifiable source for the required Supplies or Services; **Note: Please provide justification.**
- (b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors; **Note: If this is a Single Source Standard or OEM, please provide proper backup documentation.**
- (c) the Services are a follow-up of Services that may only be done efficiently and effectively by the Vendor that rendered the initial Services to JEA, provided the Procurement of the initial Services was competitive;
- (d) at the conclusion of a Pilot Project under Section 3-118 of this Code, the Procurement of Supplies or Services tested during the Pilot Project, provided the Vendor was competitively selected for the Pilot Project.

3-113 Emergency Procurements

In the event of an Emergency, the Chief Procurement Officer may make or authorize an Emergency Procurement, provided that Emergency Procurements shall be made with as much competition as practicable under the circumstances. A written Determination of the basis for the Emergency and for the selection of the particular Vendor shall be included in the Procurement file.

For purposes of this Section 3-113, an "Emergency" means any one of the following:

- (a) a reasonably unforeseen breakdown in machinery;
- (b) an interruption in the delivery of an essential governmental service or the development of a circumstance causing a threatened curtailment, diminution, or termination of an essential service;
- (c) the development of a dangerous condition causing an immediate danger to the public health, safety, or welfare or other substantial loss to JEA;
- (d) an immediate danger of loss of public or private property;
- (e) the opportunity to secure significant financial gain, to avoid delays to any Governmental Entity or avoid significant financial loss through immediate or timely action; or (f) a valid public emergency certified by the Chief Executive Officer.

Please provide the following information:

Vendor Name:

Description of Services or Supplies provided by Vendor:

Award #6 Supporting Documents 10/24/2024

Certification:

I the undersigned certify that to the best of my knowledge, no JEA employee has, either directly or indirectly, a financial interest in this Single Source Emergency Procurement, and

I the undersigned certify that this procurement meets the requirements of a (choose one of the following):

_____ **Single Source Procurement.** Please state which subsection of Section 3-112 above applies to this Single Source Procurement:

Is this Single Source also a Ratification? Yes No If yes, explain

OR

_____ **Emergency Procurement** - Please state which subsection of Section 3-113 above applies to this Emergency

Is this Emergency also a Ratification? Yes No If yes, explain

Raynetta Curry Marshall
Signature of JEA Business Unit Chief (or designee)

08/30/2024

Raynetta Curry Marshall
Name of JEA Business Unit Chief (or designee)

This certification shall be attached to the Purchase Order when it is routed for approval. A Single Source or Emergency Procurement shall be reported to the JEA Board in accordance with Section 1-110 of the JEA Procurement Code.



Quotation

Quote Number: 101097282v1
 Use quote number at time of order to ensure that you receive prices quoted

Hach
 PO Box 608
 Loveland, CO 80539-0608
 Phone: (800) 227-4224
 Email: quotes@hach.com
 Website: www.hach.com

Quote Date: 09/23/24

Quote Expiration: 11/22/24

JEA
 ACCOUNTS PAYABLE
 PO BOX 4910
 JACKSONVILLE, FL 32201-4910

Name: Fred Greiner
 Phone: (386) 569-8384
 Email: greifj@jea.com

Customer Account Number : 220616
 Customer Quote Reference: The Hach Plus Program

Sales Contact: Craig Zangerle Email: czangerl@hach.com Phone: 904-325-3174

PRICING QUOTATION

Line	Part Number	Description	Qty	Extended Price
The Plus Program Contract - 6 Months				
1	TPP2A-CL17	The Plus Program CL17 sc Claros Connected	17	10,723.60
2	TPPB-MISC	PN: 9790300- ULTRA LOW RANGE CL17sc, PRESS.REG INSTALL KIT The Plus Program Instrument Non-Connected	1	1,326.13
3	TPPB-MISC	PN: 5500.AMC.3.KTO - KTO 5500sc Ammonia Monochloramine, 1 Chan, Ex Filt The Plus Program Instrument Non-Connected	1	6,520.00
4	TPP2A-AMTAX1CH	The Plus Program Amtax sc 1 Channel Claros Connected	8	34,120.16
5	TPP4B-FILTRAX	The Plus Program Filtrax Non-Connected	8	16,503.36
6	TPPB-MISC	PN: ASA.CXXX2X21XX - AS950 AWRS,115V W/HTR, 2.5GAL POLY; The Plus Program Instrument Non-Connected	1	2,457.80
7	TPPB-MISC	PN: B7AAAA052AAQAA2 - B7000i 0-10,000PPM TOC 115v 1 CH+MODBUS TCP/IP; The Plus Program Instrument Non-Connected	6	83,877.42
8	TPP2A-3700	The Plus Program 3700sc Claros Connected	8	4,240.80
9	TPP2A-PHD	The Plus Program pHD Claros Connected	17	8,268.80

Line	Part Number	Description	Qty	Extended Price
10	TPPB-MISC	PN: EZ5001.99001102 - EZ5001, total+free alkalinity standard range, 1 str, 1 mA; The Plus Program Instrument Non-Connected	1	10,108.93
11	TPPB-MISC	PN: K1100-KTO-W-IMP - KTO: K1100, 410 WALL, 1/4" FLOW CH.; The Plus Program Instrument Non-Connected	1	2,967.28
12	TPP1A-SC1000D2	The Plus Program SC1000 Display Module Claros Connected	15	15,660.75
13	TPP1A-SC1000P3	The Plus Program SC1000 Probe Module Claros Connected	7	5,243.49
14	TPP1A-SC1000P2	The Plus Program SC1000 Probe Module Claros Connected	8	4,499.20
15	TPP2A-UVAS	The Plus Program UVAS sc Claros Connected includes instrument, reagents, hardware, Mobile Sensor Management software, Remote Instrument Support, and two on site visits annually for calibrations and factory recommended maintenance (including required parts). The first on-site visit is a start-up. All parts, labor, and travel for on-site repairs included. Minimum of three year initial contract length.	2	10,494.64
16	TPP4A-TU5400	The Plus Program TU5400sc Claros Connected	8	16,001.76
17	TPP4A-TU5300	The Plus Program TU5300sc Claros Connected	5	5,291.50
18	TPP2A-NT3100	The Plus Program NT3100sc Claros Connected	3	8,408.91
19	TPPB-MISC	PN: EZ1016.9900110T - EZ1016sc Hardness Colorimetric Analyzer, 1 str, 1mA; The Plus Program Instrument Non-Connected	1	6,052.78
The Plus Program Contract - 6 Months				\$ 252,767.31
Instruments & Hardware				
20	8572900	CL17sc Colorimetric Chlorine Analyzer with Pressure Regulator Installation Kit and Reagents for Free Chlorine	8	0.00
21	8573000	CL17sc Colorimetric Chlorine Analyzer with Pressure Regulator Installation Kit and Reagents for Total Chlorine	9	0.00
22	9790300	Ultra Low Range CL17sc Colorimetric Chlorine Analyser with Pressure Regulator Installation Kit. Standard lead time 10 days.	1	0.00
23	5500.AMC.3.KTO	5500sc Ammonia Monochloramine Analyzer, 1 Channel with External Filter	1	0.00
24	6157400	Amtax sc Ammonium Analyzer, Outdoor, 0.05-20.0mg/L NH ₄ -N, One Channel Continuous Sample, 115-230 VAC. Standard lead time 0 days.	6	0.00
25	5739000	Filtrax sample filtration system, 10 m heated hose, 115 Vac. Standard lead time 0 days.	8	0.00
26	6157500	Amtax sc Ammonium Analyzer, Outdoor, 0.05-20.0mg/L NH ₄ -N, Two Channel Continuous Sample, 115-230 VAC. Standard lead time 0 days.	2	0.00
27	ASA.CXXX2X21XX	AS950 All Weather Refrigerated Sampler, 115 V, NC, with heater, 1 - 10 L Bottle. Standard lead time 10 days.	1	0.00
28	9494600	I/O Module, IO9004. Standard lead time 10 days.	1	0.00
29	B7AAAA052AAQAA2	Hach BioTector B7000i Online TOC Analyzer, 0 - 10,000 mg/L C, 1 stream, 115 V AC. Standard lead time 37 days.	6	0.00
30	D3727E2T	Digital Convertible Mounting Style Inductive (Electrodeless) Conductivity Sensor with Peek Body Material. LOQ lead time 90 days.	8	0.00
31	DPD1P1	pH sc: Digital pH sensor with glass differential electrode, sc compatibility, PEEK®, Convertible Mount. Standard lead time 3 days.	13	0.00
32	DRD1P5	Hach Online Process ORP Sensor - General Purpose Digital ORP Sensor. Standard lead time 3 days.	4	0.00
33	EZ5001.99001102	dd dd EZ5001, total+free alkalinity standard range, 1 str, 1 mA. Standard lead time 30 days.	1	0.00
34	K1100-KTO-W-IMP	Orbisphere K1100 LDO Sensor Kit, 0-2000 ppb, 410 controller, ¼" flow chamber, wall mount	1	0.00
35	K1100-L	Low level spare optical spot (0-2 ppm) for K1100 sensors. Standard lead time 3 days.	1	0.00
36	LXV402.99.10002	SC1000 Multi-Parameter Universal Controller Display Module with Modbus TCP/IP. LOQ lead time 15 days.	15	0.00
37	LXV400.99.1B572	SC1000 Probe Module, 4 Sensor Connectors, 4 mA Output, 4 mA/digital Input, Modbus 485, 4 Relays, 100-240 VAC with Conduits. Standard lead time 23 days.	5	0.00
38	LXV400.99.1H082	SC1000 Probe Module, 6 Sensor Connectors, Prognosys, Modbus 485, 100-240 VAC with Conduits. Standard lead time 23 days.	2	0.00
39	LXV400.99.1R572	SC1000 Probe Module, 4 Sensor Connectors, 4 mA Output, 4 mA/digital Input, 4 Relays, 100-240 VAC with Conduits. Standard lead time 23 days.	7	0.00
40	LXV400.99.1R582	SC1000 Probe Module, 6 Sensor Connectors, 4 mA Output, 4 mA/digital Input, 4 Relays, 100-240 VAC with Conduits. Standard lead time 16 days.	1	0.00
41	LXV418.99.50002	UVAS plus sc UV Sensor, 5 mm path length, with automatic cleaning. Standard lead time 23 days.	2	0.00

Line	Part Number	Description	Qty	Extended Price
42	LXV445.99.53112	TU5 Series® TU5400sc Ultra-High Precision Low Range Laser Turbidimeter with Flow Sensor, Automatic Cleaning, RFID, System Check, EPA. Standard lead time 10 days.	8	0.00
43	LZY907.97.00002	Maintenance Kit for TU5300sc and TU5400sc Laser Turbidimeter, with RFID Sealed Vials. Standard lead time 3 days.	1	0.00
44	LXV445.99.53112	TU5 Series® TU5300sc Low Range Laser Turbidimeter with Flow Sensor, Automatic Cleaning, RFID, and System Check, EPA Version. Standard lead time 10 days.	5	0.00
45	LXV448.99.51001	db ee NT3100sc UV Nitrate Sensor, 5 mm path length. Standard lead time 24 days.	3	0.00
46	EZ1016.9900110T	EZ1016sc Hardness Analyzer, 1 stream, 1 mA. Standard lead time 22 days.	1	0.00
Service & Software				
47	FSPULRCL17	6 Month - Field Service Partnership provides full coverage, including parts, labor, and travel for two preventative maintenance visits per year and on-site repairs with priority status.	2	0.00
48	FSP5500SC AMC	6 Month - Field Service includes: All parts, labor, and travel for on-site repairs, 2 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates.	2	0.00
49	FSPAS950 CONTROLLER ONLY	6 Month - Field Service includes: All parts, labor, and travel for on-site repairs, 1 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. Please see service terms and conditions for additional details on our service plans, and to ensure you have an opportunity to review our environmental and safety requirements. Coverage does NOT include refrigerator. For coverage on the AWRS only, please use p/n: FSPREFRIGERATION AWRS ONLY 1 VST	2	0.00
50	FSPREFRIGERATION AWRS ONLY 1 VST	6 Month - Field Service will be performed by an approved contractor that is handled by Hach. The FSP includes: All parts, labor, and travel for on-site repairs, 1 on-site calibrations per year, factory recommended maintenance (including required parts), and unlimited technical support calls. Coverage applies to all refrigerated samplers and does NOT include sampler controllers.	3	0.00
51	FSPBIOTECTOR B7000I	6 Month - Service Agreement includes: All parts, labor, and travel for on-site repairs, 2 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. If using a Hach BioTec	12	0.00
52	FSPEZ5000-4_VST	6 Month - Field Service includes: All parts, labor, and travel for on-site repairs, 4 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. Please see service terms and conditions for additional details on our service plans, and to ensure you have an opportunity to review our environmental and safety requirements.	2	0.00
53	FSPK1100	6 Month - Fld Svc-K1100/K1200 Sensor (2 visit)	2	0.00
54	PMP-410-510-1V	6 Month - PMP 410-510-511-512 1V (FRV1)	2	0.00
55	FSPEZ1000-4_VST	6 Month - Field Service includes: All parts, labor, and travel for on-site repairs, 4 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. Please see service terms a	2	0.00
Pick & Ship Consumables - 6 Months				
56	2556900	Free Chlorine Reagent Set for chlorine analyzer CL17/CL17sc. Standard lead time 3 days.	48	0.00
57	8560400	CL17sc Tubing Kit (pre-assembled). Standard lead time 3 days.	9	0.00
58	2554300	Swabs, Cotton, Presterilized. Standard lead time 3 days.	9	0.00
59	244932	Sulfuric Acid Standard Solution, 5.25 N, 100 mL MDB. Standard lead time 3 days.	9	0.00
60	2557000	Total Chlorine Reagent Set for chlorine analyzer CL17/CL17sc. Standard lead time 3 days.	54	0.00
61	9791100	Ultra Low Range Total Chlorine Reagents Set, ULR CL17sc	6	0.00
62	25233000	5500sc Ammonia Monochloramine Analyzer Reagent Set	6	0.00
63	6182500	Electrolyte, 3 bottles and 3 membrane caps. Standard lead time 0 days.	8	0.00
64	2894452	Reagent (2500 mL) Amtax sc. Standard lead time 3 days.	16	0.00
65	2894246	Cleaning solution Amtax sc (250 mL). Standard lead time 3 days.	48	0.00

Line	Part Number	Description	Qty	Extended Price
66	2894154	1 mg/L NH ₄ -N standard Solution, Amtax sc, 2000 mL. Standard lead time 3 days.	16	0.00
67	2894354	10 mg/L NH ₄ -N standard Solution, Amtax sc, 2000 mL. Standard lead time 3 days.	16	0.00
68	25255061	BioTector B7000 Reagent 1.8 N Sulfuric Acid containing 80 mg/L Mn, 20 L. Standard lead time 3 days.	18	0.00
69	2985562	BioTector Base Reagent 1.2 N Sodium Hydroxide, 20 L. Standard lead time 3 days.	18	0.00
70	2283449	Buffer Solution, pH 4.01, Color-coded Red, 500 mL. Standard lead time 3 days.	52	0.00
71	2283549	Buffer Solution, pH 7.00, Color-coded Yellow, 500 mL. Standard lead time 3 days.	26	0.00
72	2283649	Buffer Solution, pH 10.01, Color-coded Blue, 500 mL. Standard lead time 3 days.	26	0.00
73	25M2A1001-115	ORP buffer solution, 200 mV, 500 mL. Standard lead time 3 days.	2	0.00
74	25M2A1002-115	ORP buffer solution, 600 mV, 500 mL. Standard lead time 3 days.	2	0.00
75	LZY835	Stablcal® Primary Standards Set with RFID (10 NTU, 20 NTU, 600 NTU), for TU5200, TU5300sc, and TU5400sc Laser Turbidimeters. Standard lead time 3 days.	1	0.00
76	LZZ006	Stablcal® Primary Standards Set without RFID (1 NTU, 10 NTU, 20 NTU), for TU5200, TU5300sc and TU5400sc. Standard lead time 3 days.	1	0.00
77	LZY910	Vial Compartment Wiper for TU5300sc and TU5400sc, pk/10. Standard lead time 3 days.	1	0.00
78	LZY915	Replacement Wiper for Mechanical Cleaning Unit, TU5300sc and TU5400sc. Standard lead time 3 days.	1	0.00
79	LZY945	Micro Fiber Cloth. Standard lead time 3 days.	1	0.00
80	LZY876	Desiccant Cartridge for TU5300sc and TU5400sc Laser Turbidimeter. Standard lead time 3 days.	1	0.00
81	LZY834	Replacement Vial for TU5300sc and TU5400sc Online Laser Turbidimeter. Standard lead time 3 days.	1	0.00
			Grand Total	\$ 252,767.31

Award #R01 Supporting Documents 10/24/2024

The quote reflects 3-years of Plus Program pricing. The pricing will be locked for three years upon submission of a signed purchase agreement. Monthly, quarterly, bi-annual and annual invoicing options are available. After the 3rd year, you will have the option to renew the contract, buy out the equipment or cancel.

Billing will begin 30 days after the complete hardware order ships.

Sales Contact:

Name: Craig Zangerle
Title: Regional Sales Manager
Phone: 904-325-3174
Email: czangerl@hach.com

Award #R01 Supporting Documents 10/24/2024

1. Acceptance. These Terms and Conditions of the Plus Program ("Terms") supplement Company's offer regarding the Plus Program ("Offer") (these Terms, the Offer/proposal, its statements of works and any other documents provided by the Hach legal entity from which you are ordering ("Company") (see www.hach.com for details specific to each Hach entity) in connection with The Plus Program purchased by Customer hereinafter referred to as "TPP Agreement"). According to these Terms Customer has asked Company to provide the instruments and equipment ("Equipment") as well as Services specified in TPP Agreement (as defined below) and then lease them to Company. These Terms establish the rights, obligations and remedies of Company and Customer which apply to any Offer by Company and any resulting order or contract for the sale of the Plus Program and will be binding and non-cancellable when we provide the Equipment and the initial term will begin on the date that the Equipment is delivered to Customer or any later date that we designate.

2. Services and Equipment.

(a) TPP Agreement is NON-CANCELLABLE FOR THE ENTIRE TERM. CUSTOMER UNDERSTANDS THAT COMPANY IS PROVIDING THE EQUIPMENT AND SERVICES BASED ON CUSTOMER'S UNCONDITIONAL ACCEPTANCE OF IT AND CUSTOMER'S PROMISE TO PAY COMPANY UNDER THE TERMS OF TPP AGREEMENT, WITHOUT SET-OFFS, EVEN IF THE EQUIPMENT IS NOT DELIVERED, DOES NOT WORK PROPERLY OR IS DAMAGED FOR ANY REASON, INCLUDING REASONS THAT ARE NOT CUSTOMER'S FAULT.

(b) All references to "Equipment" in TPP Agreement includes any Hach software that is included in the Offer.

(c) Customer hereby authorize Company to either insert or correct TPP Agreement number, serial numbers, models numbers, signature date, and your name.

(d) Company shall provide the maintenance services for the Equipment as well as repair services included in TPP Agreement, if any, for the Equipment if the Equipment fails to conform to Company's specifications, the CLAROS Services, if any, and any other services included in TPP Agreement ("Services").

(e) If Customer has ordered CLAROS Services, the particular terms and conditions for CLAROS Services (<https://www.hach.com/claros/terms>) will apply ("CLAROS Terms") and are incorporated herein by reference and made part of the TPP Agreement.

(f) The pricing in TPP Agreement is based on Company performing Services at the Customer site provided in TPP Agreement ("Customer Site"). If Customer relocates Equipment, Company may increase pricing if such relocation affects Company's cost of performing its obligations.

(g) Company shall provide Services either remotely (in case of CLAROS Services) or during Company's standard local business hours, which excludes weekends and Company holidays. Company will provide maintenance and repair Services on Customer's premises unless it is necessary to remove Equipment for Service to the Company's repair depot for maintenance.

(h) The following services are not included in TPP Agreement and Customer will be charged separately for any such service: (i) maintenance of Equipment if Customer's modification of Equipment has materially increased cost of maintenance; (ii) overhauling or rebuilding of Equipment; (iii) replacement of consumables not approved in writing by Company; and (iv) de-installation or reinstallation of Equipment or any part thereof at Customer's request. TPP Agreement does not cover repairs or maintenance resulting from:

(i) Customer misconduct, accident, neglect or misuse; (ii) failure of installation site to conform to Company's applicable specifications; (iii) failure or inadequacy of electric power, humidity or air control; (iv)

Customer's use of supplies and other consumables not approved by Company for use with Equipment;(v) Customer's failure to follow operating procedures provided by Company; (vi) service or maintenance performed by a third party or unauthorized representative of Company; (vii) Force Majeure; or (viii) Customers' breach of TPP Agreement.

(i) Company will lease the Equipment to Customer during the term of TPP Agreement. Title and all other rights to Equipment shall remain with Company or its affiliated company and Customer shall take no action that interferes with or impairs such rights. Customer will get the rights to use any software covered in the Offer, but title will remain with Company. Customer hereby authorizes Company to execute and file on Customer's behalf, and at Customer's cost, financing statement(s) to show Company's interest in the Equipment. Customer will pay when due, either directly or by reimbursing Company, all taxes and fees relating to the Equipment and TPP Agreement.

3. Billing and Payment.

(a) All payments must be made in the currency of the country the relevant Company legal entity the Customer is ordering from has its place of business ("Country of Order").

(b) Payment terms are 30 days net from date of Company's invoice, unless specified otherwise in TPP Agreement. Company shall issue invoices at commencement of each billing period (monthly/quarterly/annually) identified in TPP Agreement. Cash discounts are not applicable.

(c) Payments are not subject to setoff or recoupment for any present or future claim Customer may have.

(d) If Customer does not pay any sum by its due date, or Customer breaches any other term of TPP Agreement, then Customer will be in default of TPP Agreement. If Customer defaults, Company may require that Customer pays: 1) all past due amounts under TPP Agreement; and 2) all future amounts owed for the unexpired term and (3) require Customer to return the Equipment at Customer's expense within a reasonable time set by Company or alternatively reimburse Company for the recovery of the Equipment.

(e) Customer and Company both recognize that there is a risk of wire fraud when individuals impersonating a business demand immediate payment under new wire transfer instructions. To avoid this risk, Customer must verbally confirm any new or changed wire transfer instructions by calling Company at the appropriate number listed on the respective Company's internet website (see www.hach.com for details specific to each Hach entity) and speaking with Company's Finance (Receivables) Department before transferring any monies using the new wire instructions. Both parties agree that they will not institute wire transfer instruction changes and require immediate payment under the new instructions but will instead provide a ten (10) day grace period to verify any wire transfer instruction changes before any outstanding payments are due using the new instructions. Customer's payment to any new account other than one that Company has verbally confirmed using the above procedure will not discharge Customer's payment obligation to Company.

4. Customer's Obligations. Customer shall: (i) install the Equipment according to Company's manuals (ii) verify, validate and calibrate Equipment as described in the Equipment's manuals and/or regulatory requirements (iii) use the Equipment for business purposes only and keep it in good working condition and exercise reasonable care in operation and normal maintenance of Equipment; (iv) operate Equipment within Company's specifications (including, without limitation, all environmental specifications); (v) not move Equipment from its initial location without our consent and maintain Equipment in conformance with Company's maintenance standards, which shall include following and performing Company's recommended customer care and cleaning program between calls of

Award #R01 Supporting Documents 10/24/2024

Company's service representative; (vi) properly maintain installation site and operating environment; and (vii) provide necessary utility services for use of Equipment in accordance with Company's specifications. In connection with Services provided by Company, Customer agrees to permit prompt access to Equipment. Customer assumes full responsibility to back-up or otherwise protect its data against loss, damage or destruction before Services are performed. Customer is the operator and in full control of its premises, including those areas where Company's employees or contractors are performing Services. Customer will ensure that all necessary measures are taken for safety and security of working conditions, sites and installations during the performance of Services. Moreover, Customer will use only Company branded consumables with the Equipment; in the event of Customer's breach of the foregoing, Company will no longer be required to provide any Services pursuant to TPP Agreement.

5. Limited Warranty. Company warrants all of its Services in accordance with its warranty terms set out in the Offer. Customer leases the Equipment as is. THESE WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. No employee or agent of Company, other than an officer of Company by way of a signed writing, is authorized to make any warranty in addition to the foregoing. Customer's sole and exclusive remedy for breach of warranty shall be, in Company's sole discretion, repair or replacement, or refund if either of the foregoing is not possible.

6. Remedies and Liability.

(a) Without waiving any other rights or remedies available to it under applicable law or otherwise, Company may suspend provision of Services hereunder, until all past-due accounts of Customer are fully satisfied.

(b) Company's rights and remedies herein are in addition to, and not in lieu of, any other rights or remedies Company may have at law or in equity.

(c) EXCEPT AS OTHERWISE PROVIDED BY LAW, IN NO EVENT WILL COMPANY BE LIABLE FOR SPECIAL, INDIRECT, EXEMPLARY, INCIDENTAL, CONSEQUENTIAL, THIRD PARTY OR PUNITIVE DAMAGES OR DAMAGES FOR LOSS OF PROFITS, DATA OR USE OR FOR CORRUPT OR UNAVAILABLE CUSTOMER DATA OR COSTS OF PROCURING SUBSTITUTE GOODS OR SERVICES OR DAMAGES INCLUDING WITHOUT LIMITATION THOSE BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, TORT, OR ANY OTHER LEGAL, EQUITABLE OR STATUTORY CLAIM, CAUSE OF ACTION OR LEGAL THEORY. COMPANY WILL IN PARTICULAR NOT ASSUME ANY LIABILITY FOR ANY DAMAGES, CLAIMS, PENALTIES OR EXPENSES RESULTING FROM OR CONNECTION WITH (1) ANY FAILURE IN OR FOR OPERATION BY CUSTOMER OF THE FACILITY, EQUIPMENT OR PLANT, (2) ANY OPERATIONAL RESULTS, (SENSOR) DATA, VALUES, INDICATORS OF THE FACILITY, EQUIPMENT OR PLANT OF THE CUSTOMER (THE "DATA"), INCLUDING DECISIONS BY THE CUSTOMER BASED UPON SUCH DATA AND MEASUREMENTS PROVIDED BY THE EQUIPMENT (3) ANY FAULTY OR INCOMPLETE INTEGRATION CONCEPT OF THE EQUIPMENT INTO THE CUSTOMER'S PLANT OR EQUIPMENT, (4) ANY UNAUTHORIZED ACCESS OF THIRD PARTIES REGARDING THE DATA. MOREOVER, COMPANY'S MAXIMUM LIABILITY HEREUNDER REGARDLESS OF LEGAL THEORY WILL NOT EXCEED IN THE AGGREGATE A SUM EQUAL TO TWICE THE AMOUNT ACTUALLY PAID BY CUSTOMER TO COMPANY

PURSUANT TO TPP AGREEMENT, INCLUSIVE OF ANY RENEWALS OF TPP AGREEMENT. COMPANY WILL NOT BE LIABLE FOR ANY DAMAGES OR COSTS RESULTING FROM ANY DELAYS IN PERFORMANCE.

7. Indemnification. Indemnification applies to a party and to such party's successors-in-interest, assignees, affiliates, directors, officers, and employees ("Indemnified Parties"). Company is responsible for and will defend, indemnify and hold harmless Customer and the Customer Indemnified Parties against all losses, claims, expenses or damages, including attorney's fees, related to the use or possession of the Equipment, which may result from accident, injury, damage, or death due to Company's breach of the warranty obligations. This indemnification is provided on the condition that the Customer is likewise responsible for and will defend, indemnify and hold harmless Company and the Company Indemnified Parties against all losses, claims, expenses or damages which may result from accident, injury, damage, or death due to the negligence or misuse or misapplication of any Equipment by Customer or decision made by the Customer or any third party affiliated or in privity with Customer related to the Data.

8. Proprietary Information; Data Privacy. "Proprietary Information" means any information, technical data or know-how in whatever form, whether documented, contained in machine readable or physical components, mask works or artwork, or otherwise, which Company considers proprietary, including but not limited to service and maintenance manuals. Customer and its employees and agents will keep confidential all such Proprietary Information obtained directly or indirectly from Company and will not transfer or disclose it without Company's prior written consent, or use it for the manufacture, procurement, servicing or calibration of Equipment or any similar products, or cause such products to be manufactured, serviced or calibrated by or procured from any other source, or reproduce or otherwise appropriate it. All such Proprietary Information remains Company's property. No right or license is granted to Customer or its employees or agents, expressly or by implication, with respect to the Proprietary Information or any patent right or other proprietary right of Company, except for the limited use licenses implied by law. In respect of personal data supplied by Customer to Company, Customer warrants that it is duly authorized to submit and disclose these data, including however not limited to obtaining data subject's informed consent. Customer warrants that any personal data supplied to Company are provided in accordance with applicable legal requirements. Company will manage Customer's information and personal data in accordance with its Privacy Policy, located at <http://www.hach.com/privacypolicy> and incorporated herein by reference.

9. Term and Termination.

(a) The term of TPP Agreement will start 30 days after shipment of the Equipment, respectively, in case of any renewals, the day following the last day of the prior term. The term is as set out in the Offer.

(b) At the end of the term, or any renewal term, TPP Agreement will automatically renew on a month-to-month basis, under the same terms and conditions, unless Customer: 1) notifies Company in writing of Customer's intention to return the Equipment at least 90 days, but no sooner than 180 days, prior to the end of the term, and 2) return the Equipment to a location specified by Company at Customer's cost within 5 business days after the end of the term. Customer agrees that if it returns the Equipment, it will be immediately available for use without the need of repair and that any confidential information is removed. If not, Customer agrees to reimburse Company for repair and data removal costs.

Award #R01 Supporting Documents 10/24/2024

(c) In case Customer wishes to exit TPP Agreement prior to the agreed term, payment of the full price/fees in the amount agreed upon in TPP Agreement shall become due upon issuing of the termination notice.

(d) Without limiting any other available legal or equitable rights or remedies, either party may terminate TPP Agreement immediately at any time for good cause upon written notice to the other if the other party: (i) fails to perform any material obligation of TPP Agreement and fails to cure within thirty (30) days after written demand to cure; or (ii) becomes insolvent, makes an assignment for the benefit of creditors, files or has filed against it a petition in bankruptcy, has a receiver appointed for its assets, or is dissolved or liquidated. Upon termination by Company pursuant to this Section, all amounts due and payable under TPP Agreement for the entire term of TPP Agreement will become immediately due and owing by Customer.

(e) Customer shall return Equipment and all other products provided to Company pursuant to TPP Agreement within five (5) days of expiration or termination of TPP Agreement in accordance with shipping instructions provided by Company. If Customer fails to timely comply with this provision, Customer acknowledges and agrees that Company may enter Customer's facility where the Equipment is located and repossess the same. Customer will reimburse Company for all reasonable expenses incurred.

(f) In the event Customer wishes to take over the Equipment at the end of the term as provided in TPP Agreement, Customer shall pay to Company the equipment buyout price specified as such in TPP Agreement, if any.

10. Force Majeure. Company is excused from performance of its obligations under TPP Agreement to the extent caused by acts or omissions that are beyond its control, including but not limited to Government embargoes, blockages, seizures or freeze of assets, delays or refusals to grant an export or import license or the suspension or revocation thereof, or any other acts of any Government; fires, floods, severe weather conditions, or any other acts of God; quarantines; labor strikes or lockouts; riots; strife; insurrections; civil disobedience or acts of criminals or terrorists; war; material shortages or delays in deliveries to Company by third parties ("Force Majeure"). In the event of the existence of any force majeure circumstances, the period of time for delivery, payment terms and payments under any letters of credit will be extended for a period of time equal to the period of delay. If the Force Majeure circumstances extend for six months, Company may, at its option, terminate TPP Agreement without penalty and without being deemed in default or in breach thereof.

In such event, the party delayed shall promptly give notice to the other party. The party affected by the delay may: (i) extend the time for performance for the duration of the event, or (ii) cancel all or any part of the unperformed part of TPP Agreement if such event lasts longer than sixty (60) days. If an event affects Company's ability to meet its obligations at the agreed upon pricing, or Company's costs are otherwise increased as a result of such event, Company may increase pricing accordingly upon written notice to Customer.

11. Compliance with Laws. Customer will comply with all local, national, and other laws of all jurisdictions globally relating to anti-corruption, bribery, extortion, kickbacks, or similar matters which are applicable to Customer's business activities in connection with TPP Agreement, including but not limited to the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"). Customer agrees that no payment of money or provision of anything of value will be offered, promised, paid or transferred, directly or indirectly, by any person or entity, to any government official, government employee, or employee of any company owned in part by a government, political party, political party official, or candidate for any government office

or political party office to induce such organizations or persons to use their authority or influence to obtain or retain an improper business advantage for Customer or for Company, or which otherwise constitute or have the purpose or effect of public or commercial bribery, acceptance of or acquiescence in extortion, kickbacks or other unlawful or improper means of obtaining business or any improper advantage, with respect to any of Company's activities related to TPP Agreement. Company asks Customer to "Speak Up!" if aware of any violation of law, regulation or Company's Code of Conduct ("COC") in relation to TPP Agreement. See <https://www.danaher.com/how-we-work/integrity-and-compliance> and <http://www.danaherintegrity.com> for a copy of the COC and for access to Hach's Helpline portal.

12. Assignment; Successors and Assigns. Customer may not sell, transfer, assign or sublease the Equipment or TPP Agreement without Company's prior written consent. Any assignment contrary to this Section will be null and void. TPP Agreement shall apply and inure to the benefit of, and be binding upon, the parties hereto and their respective successors and permitted assigns.

13. Governing Law; Venue; Actions; Attorneys Fees. TPP Agreement is governed by and construed in accordance with the laws of the country of the Company without regard to conflict of laws provisions. The parties consent to the sole and exclusive venue and jurisdiction of the courts situated in or having jurisdiction over such country and local geographic designation. Any action brought by Customer pursuant to TPP Agreement must be commenced within the earlier of one (1) year from the date of delivery of Services or occurrence of the event giving rise to the claim, or such claim will be forever barred.

14. Miscellaneous. The documents comprising TPP Agreement are the sole and exclusive terms and conditions applicable to TPP purchased by Customer. Company hereby objects to and rejects any other terms and conditions appearing on, incorporated by reference in, or attached to, Customer's orders or other documents. In the event of any conflict between any of the documents comprising TPP Agreement, the descending order of precedence will be the Offer, the CLAROS Terms, if applicable, these Terms and any other documents. If any provision of these Terms to any extent is declared invalid or unenforceable, the remainder of TPP Agreement will not be affected thereby and will continue to be valid and enforceable to the fullest extent permitted by law. Any modifications hereto must be in writing and signed by both parties. Customer agrees that any fees specified in TPP Agreement may contain a reasonable profit component and, if any amount Company charges Customer exceeds the maximum amount allowable under applicable law, then Customer agrees any excess amount charged will be refunded to Customer. Either party's failure to strictly enforce any of these terms shall not be considered a waiver of any of its rights hereunder. If any term in TPP Agreement is declared invalid or unenforceable to any extent, the remainder of these terms in TPP Agreement will not be affected thereby and will continue to be valid and enforceable to the fullest extent permitted by law. The termination or expiration of TPP Agreement will not affect the survival and continuing validity of any provision which expressly or by implication is intended to continue in force after such termination or expiration.



Quotation

Quote Number: 101092596v2
 Use quote number at time of order to ensure that you receive prices quoted

Hach
 PO Box 608
 Loveland, CO 80539-0608
 Phone: (800) 227-4224
 Email: quotes@hach.com
 Website: www.hach.com

Quote Date: 09/10/24

Quote Expiration: 11/09/24

JEA
 ACCOUNTS PAYABLE
 PO BOX 4910
 JACKSONVILLE, FL 32201-4910

Name: Fred Greiner
 Phone: (386) 569-8384
 Email: greifj@jea.com

Customer Account Number : 220616

Sales Contact: Craig Zangerle Email: czangerl@hach.com Phone: 904-325-3174

PRICING QUOTATION

Line	Part Number	Description	Qty	Net Unit Price	Extended Price
6 MONTHS					
1	FSPCL17SC	Field Service Partnership provides full coverage, including parts, labor, and travel for two preventative maintenance visits per year and on-site repairs with priority status.	2	394.09	788.18
2	FSPK1100	Fld Svc-K1100/K1200 Sensor (2 visit)	2	585.01	1,170.02
3	PMP-410-510-4V	PMP 410-510-511-512 4V (FRV1)	2	1,277.34	2,554.68
4	FSPSC4500	Field Service Partnership provides full coverage, including parts, labor, and travel for one preventative maintenance visit per year and on-site repairs with priority status.	21	111.58	2,343.18
5	FSPTU53XX - 4 VISIT	Field Service includes: All parts, labor, and travel for on-site repairs, 4 on-site calibrations per year, factory recommended maintenance (including required parts), unlimited technical support calls, and free firmware updates. Please see service terms and conditions for additional details on our service plans, and to ensure you have an opportunity to review our environmental and safety requirements. Cleaning Module Accessory is not covered under this offering.	6	365.39	2,192.34

Line	Part Number	Description	Qty	Net Unit Price	Extended Price
6	PMP-GLPHORP-2V	PMP-GLI pH ORP PROBE 2V-(FRV 1)	16	578.22	9,251.52
Award #R01 Supporting Documents 10/24/2024 PMP-GLI pH ORP PROBE 2V-(FRV 1) WILL BE ADJUSTED IF THE TERM LENGTH IS ADJUSTED.					
				Subtotal	\$ 18,299.92
				Grand Total	\$ 18,299.92

NOTES

Hach Service Partnerships are paid upfront. Invoices are due and payable NET 30 DAYS from date of activation per our Hach Terms and Conditions.

ALL CUSTOMER PURCHASE ORDERS MUST REFERENCE HACH QUOTE NUMBERS TO ENSURE TIMELY AND ACCURATE PROCESSING.

FEATURES AND BENEFITS

FIELD SERVICE:

A Field Service Partnership (FSP) will cover instrument calibration and certification (including a Certificate of Instrument Performance), factory-recommended maintenance, on-site priority repair (including travel, parts, and labor), software upgrades, and priority technical support for instruments listed under the service offering after it passes evaluation. Acts of abuse/God/Nature are not covered under the agreement.

PREVENTATIVE MAINTENANCE:

A Preventative Maintenance Partnership (PMP) will cover the onsite maintenance/verification of instrument performance, Reporting/Certificate of Performance, and basic end-user training for instruments listed under that service offering but **does not cover any repairs**.

This service includes the number of on-site visits listed on the quote for each offering.

Acts of abuse/God/Nature are not covered under Service Partnership.

TERMS OF SALE

Freight: Prepaid By Shipper - Agreement

FCA: Hach's facility

ALL LEAD TIMES ARE ESTIMATED AND NOT GUARANTEED.

All purchases of Hach Company products and/or services are expressly and without limitation subject to Hach Company's Terms & Conditions of Sale ("Hach TCS"), incorporated herein by reference and published on Hach Company's website at www.hach.com/terms. Hach TCS are contained directly and/or by reference in Hach's offer, order acknowledgment, and invoice documents. The first of the following acts constitutes an acceptance of Hach's offer and not a counteroffer and creates a contract of sale "Contract" in accordance with the Hach TCS: (i) Buyer's issuance of a purchase order document against Hach's offer; (ii) acknowledgement of Buyer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Buyer's order. Provisions contained in Buyer's purchase documents (including electronic commerce interfaces) that materially alter, add to or subtract

from the provisions of the Hach TCS are not part of the Contract.

Due to International regulations, a U.S. Department of Commerce Export License may be required. Hach reserves the right to approve specific shipping agents. Wooden boxes suitable for ocean shipment are extra. Specify final destination to ensure proper documentation and packing suitable for International transport. In addition, Hach may require : 1). A statement of intended end-use; 2). Certification that the intended end-use does not relate to proliferation of weapons of mass destruction (prohibited nuclear end use, chemical / biological weapons, missile technology); and 3). Certification that the goods will not be diverted contrary to U.S. and/or applicable laws in force in Buyer's jurisdiction.

ORDER TERMS:

Terms are Subject to Credit Review

In order for Hach to process the order as quickly as possible, please provide the following information.

- Complete Billing address.
- Complete Shipping address.
- Part numbers and quantities of items being ordered.
- Please reference the quotation number on your purchase order

If the order is over \$25,000 Hach will also require the following additional information.

- Pricing
- Purchase Order Number
- Freight terms and INCO term FOB Origin or FCA Shipping Point
- Required delivery date
- Vendor name should specify "Hach Company" with the Loveland address:
 - o Hach, PO Box 389, Loveland, CO 80539
- Credit terms of payment. Default payment terms are Net 30.
- Indicate if order needs to ship complete or if it can ship partial.
- Tax status

• Special invoicing instructions

Sales tax is not included on quote. Applicable sales tax will be added to the invoice based on the U.S. destination, if applicable provide a resale/exemption certificate.

Shipments will be prepaid and collect in cases unless otherwise specified.

Equipment quoted operates with standard U.S. supply voltage.

Hach standard terms and conditions apply to all sales.

Additional terms and conditions apply to orders for service partnerships.

Prices do not include delivery of product. Reference attached Freight Charge Schedule and Collect Handling Fees.

This Quote is good for a one time purchase

Virtual and/or on-site training must be scheduled/completed within 30 days of order, or the price will be subject to change.

Award #R01 Supporting Documents 10/24/2024

Sales Contact:

Name: Craig Zangerle
Title: Regional Sales Manager
Phone: 904-325-3174
Email: czangerl@hach.com



HACH COMPANY

Headquarters
 P.O. Box 389
 5600 Lindbergh Drive
 Loveland, CO 80539-0389

Purchase Orders
 PO Box 608
 Loveland, CO 80539-0608

WebSite: www.hach.com

U.S.A.
 Phone: 800-227-4224
 Fax: 970-669-2932
 E-Mail: orders@hach.com
 quotes@hach.com
 techhelp@hach.com

Export
 Phone: 970-669-3050
 Fax: 970-461-3939
 Email: intl@hach.com

Remittance
 2207 Collections Center Drive
 Chicago, IL 60693

Wire Transfers
 Bank of America
 231 S. LaSalle St.
 Chicago, IL 60604
 Account: 8765602385
 Routing (ABA): 071000039

Quotation Addendum

ADVANTAGES OF WORKING WITH HACH

<p>Hach Service</p> <p><i>Protect your investment & peace of mind</i></p> <ul style="list-style-type: none"> ✓ A global partner who understands your needs ✓ Delivers timely, high-quality service you can trust ✓ Provides team of unique experts to help you maximize instrument uptime ✓ Ensure data integrity ✓ Maintain operational stability ✓ Reduce compliance risk <p>www.hach.com/service-contracts</p>	<p>Pick&Ship™</p> <p><i>Pick&Ship™ Program offers a better way to keep your supplies in stock</i></p> <ul style="list-style-type: none"> ✓ Convenience of one purchase order for the entire year ✓ Flexibility to change, cancel or create new orders ✓ Savings from locking in prices & thus avoiding price surges and rush charges ✓ Peace of mind with automatic, reliable shipments just as you need them <p>www.Hach.com/pickandship</p>	<p>Technical Support</p> <p><i>Provides post-sale instrumentation and application support</i></p> <ul style="list-style-type: none"> ✓ Hach's highly skilled Technical Support staff is dedicated to helping you resolve technical issues before, during and after the sale. ✓ Available via phone, e-mail, or live online chat at Hach.com! ✓ Fast access to answers at https://support.hach.com ✓ Toll-free phone: 800-227-4224 ✓ E-mail: techhelp@hach.com <p>www.Hach.com</p>
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ADVANTAGES OF SIMPLIFIED SHIPPING AND HANDLING

<p>Safe & Fast Delivery</p> <ul style="list-style-type: none"> ✓ Receive tracking numbers on your order acknowledgement ✓ Hach will assist with claims if an order is lost or damaged in shipment 	<p>Save Time – Less Hassle</p> <ul style="list-style-type: none"> ✓ No need to set up deliveries for orders or to schedule pickup ✓ Hach ships order as product is available, at no additional charge, when simplified shipping and handling is used. 	<p>Save Money</p> <ul style="list-style-type: none"> ✓ No additional invoice to process – save on time and administrative costs ✓ Only pay shipping once, even if multiple shipments are required
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STANDARD SIMPLIFIED SHIPPING AND HANDLING CHARGES ^{1, 2, 3, 4} Pricing Effective 7/13/2024						Collect ⁴ Handling Fee Effective 7/13/2024
Total Price of Merchandise Ordered	Standard Surface (Mainland USA)	Second Day Delivery (Mainland USA)	Next Day Delivery (Mainland USA)	Second Day Delivery (Alaska & Hawaii)	Next Day Delivery (Alaska & Hawaii)	
\$0.00 - \$49.99	\$10.75	\$26.89	\$50.14	\$43.15	\$82.02	\$8.00
\$50.00 - \$149.99	\$12.90	\$38.02	\$71.75	\$54.52	\$103.65	\$8.00
\$150.00 - \$349.99	\$15.05	\$40.15	\$81.79	\$55.37	\$106.26	\$8.00
\$350.00 - \$649.99	\$17.20	\$44.98	\$89.44	\$56.22	\$108.87	\$8.00
\$650.00 - \$949.99	\$17.20	\$54.49	\$112.39	\$66.20	\$128.13	\$8.00
\$950.00 - \$1,999.99	\$30.10	\$64.01	\$135.34	\$76.17	\$147.38	\$8.00
\$2,000.00 - \$3,999.99	\$30.10	\$79.14	\$165.12	\$91.12	\$176.99	\$8.00
\$4,000.00 - \$5,999.99	\$53.75	\$94.27	\$194.90	\$106.06	\$206.59	\$8.00
\$6,000.00 - \$7,999.99	\$64.50	\$108.99	\$225.36	\$118.80	\$229.04	\$8.00
\$8,000.00 - \$9,999.99	\$96.75	\$162.82	\$318.16	\$174.21	\$330.40	\$8.00
Over \$10,000	1.0% of Net Order Value	1.8% of Net Order Value	2.8% of Net Order Value	1.8% of Net Order Value	2.8% of Net Order Value	\$8.00

1 Shipping & Handling charges shown are only applicable to orders billing and shipping to U.S. destinations. Shipping & Handling charges will be prepaid and added to invoice. Shipping & Handling for the Pick&Ship Program is charged on each shipment release and is based on the total price of each shipment release. Shipping & Handling charges are subject to change without notice.

2 Additional Shipping & Handling charges will be applied to orders containing bulky and/or especially heavy orders. Refrigerated and all weather Samplers do not qualify for simplified Shipping & Handling charges, and are considered heavy products. Dissolved Oxygen Sensors can be damaged if exposed to temps below freezing, causing sensor failure. Must be shipped over night or 2nd day air during the cold weather months.

3 Orders shipping to Alaska or Hawaii: Additional Shipping & Handling charges may be applied at time of order processing. Second Day and Next Day delivery is not available to all destinations.

4 Hach Company will assess a collect handling fee on orders with collect shipping terms. This handling fee covers the additional costs that Hach Company incurs from processing and managing collect shipments.

Due to variations in component characteristics, regulatory transportation requirements and/or associated shipping and handling costs, individual kit components may or may not be packaged together in a single carton at time of final packaging and shipping.

SALES TAX

Sales Tax is not included in the attached quotation. Applicable sales and usage taxes will be added to your invoice, at the time of order, based on U.S. destination of goods, unless a valid resale/exemption certificate for destination state is provided to the above address or fax number, attention of the Tax Dept.

TERMS & CONDITIONS OF SALE FOR HACH COMPANY PRODUCTS AND SERVICES

This document sets forth the Terms & Conditions of Sale for goods manufactured and/or supplied, and services provided, by Hach Company of Loveland, Colorado ("Hach") and sold to the original purchaser thereof ("Buyer"). Unless otherwise specifically stated herein, the term "Hach" includes only Hach Company and none of its affiliates. Unless otherwise specifically stated in a previously-executed written purchase agreement signed by authorized representatives of Hach and Buyer, these Terms & Conditions of Sale establish the rights, obligations and remedies of Hach and Buyer which apply to this offer and any resulting order or contract for the sale of Hach's goods and/or services ("Products").

1. **APPLICABLE TERMS & CONDITIONS:** These Terms & Conditions of Sale are contained directly and/or by reference in Hach's offer, order acknowledgment, and invoice documents. The first of the following acts constitutes an acceptance of Hach's offer and not a counteroffer and creates a contract of sale ("Contract") in accordance with these Terms & Conditions: (i) Buyer's issuance of a purchase order document against Hach's offer; (ii) acknowledgement of Buyer's order by Hach; or (iii) commencement of any performance by Hach pursuant to Buyer's order. Provisions contained in Buyer's purchase documents (including electronic commerce interfaces) that materially alter, add to or subtract from the provisions of these Terms & Conditions of Sale are not a part of the Contract.

2. **CANCELLATION:** Buyer may cancel goods orders subject to fair charges for Hach's expenses including handling, inspection, restocking, freight and invoicing charges as applicable, provided that Buyer returns such goods to Hach at Buyer's expense within thirty (30) days of delivery and in the same condition as received. Buyer may cancel service orders on ninety (90) day's prior written notice and refunds will be prorated based on the duration of the service plan. Inspections and re-instatement fees may apply upon cancellation or expiration of service programs. Seller may cancel all or part of any order prior to delivery without liability if the order includes any Products that Seller determines may not comply with export, safety, local certification, or other applicable compliance requirements.

3. **DELIVERY:** Delivery will be accomplished FCA Hach's facility located in Ames, Iowa or Loveland, Colorado, or Romeoville, Illinois United States (Incoterms 2020). Legal title and risk of loss or damage pass to Buyer upon transfer to the first carrier. Hach will use commercially reasonable efforts to deliver the Products ordered herein within the time specified on the face of this Contract or, if no time is specified, within Hach's normal lead-time necessary for Hach to deliver the Products sold hereunder. Upon prior agreement with Buyer and for an additional charge, Hach will deliver the Products on an expedited basis. Standard service delivery hours are 8 am – 5 pm Monday through Friday, excluding holidays.

4. **INSPECTION:** Buyer will promptly inspect and accept any Products delivered pursuant to this Contract after receipt of such Products. In the event the Products do not conform to any applicable specifications, Buyer will promptly notify Hach of such nonconformance in writing. Hach will have a reasonable opportunity to repair or replace the nonconforming product at its option. Buyer will be deemed to have accepted any Products delivered hereunder and to have waived any such nonconformance in the event such a written notification is not received by Hach within thirty (30) days of delivery.

5. **PRICES & ORDER SIZES:** All prices are in U.S. dollars and are based on delivery as stated above. Prices do not include any charges for services such as insurance; brokerage fees; sales, use, inventory or excise taxes; import or export duties; special financing fees; VAT, income or royalty taxes imposed outside the U.S.; consular fees; special permits or licenses; or other charges imposed upon the production, sale, distribution, or delivery of Products. Buyer will either pay any and all such charges or provide Hach with acceptable exemption certificates, which obligation survives performance under this Contract. Hach reserves the right to establish minimum order sizes and will advise Buyer accordingly.

6. **PAYMENTS:** All payments must be made in U.S. dollars. For Internet orders, the purchase price is due at the time and manner set forth at www.hach.com. Invoices for all other orders are due and payable NET 30 DAYS from date of the invoice without regard to delays for inspection or transportation, with payments to be made by check to Hach at the above address or by wire transfer to the account stated on the front of Hach's invoice, or for customers with no established credit, Hach may require cash or credit

card payment in advance of delivery. In the event payments are not made or not made in a timely manner, Hach may, in addition to all other remedies provided at law, either: (a) declare Buyer's performance in breach and terminate this Contract for default; (b) withhold future shipments until delinquent payments are made; (c) deliver future shipments on a cash-with-order or cash-in-advance basis even after the delinquency is cured; (d) charge interest on the delinquency at a rate of 1-1/2% (one and one half percent) per month or the maximum rate permitted by law, if lower, for each month or part thereof of delinquency in payment plus applicable storage charges and/or inventory carrying charges; (e) repossess the Products for which payment has not been made; (f) recover all costs of collection including reasonable attorney's fees; or (g) combine any of the above rights and remedies as is practicable and permitted by law. Buyer is prohibited from setting off any and all monies owed under this from any other sums, whether liquidated or not, that are or may be due Buyer, which arise out of a different transaction with Hach or any of its affiliates. Should Buyer's financial responsibility become unsatisfactory to Hach in its reasonable discretion, Hach may require cash payment or other security. If Buyer fails to meet these requirements, Hach may treat such failure as reasonable grounds for repudiation of this Contract, in which case reasonable cancellation charges shall be due Hach. Buyer grants Hach a security interest in the Products to secure payment in full, which payment releases the security interest but only if such payments could not be considered an avoidable transfer under the U.S. Bankruptcy Code or other applicable laws. Buyer's insolvency, bankruptcy, assignment for the benefit of creditors, or dissolution or termination of the existence of Buyer, constitutes a default under this Contract and affords Hach all the remedies of a secured party under the U.C.C., as well as the remedies stated above for late payment or non-payment. See [120](#) for further wire transfer requirements.

7. **LIMITED WARRANTY:** Hach warrants that Products sold hereunder will be free from defects in material and workmanship and will, when used in accordance with the manufacturer's operating and maintenance instructions, conform to any express written warranty pertaining to the specific goods purchased, which for most Hach instruments is for a period of twelve (12) months from delivery. Hach warrants that services furnished hereunder will be free from defects in workmanship for a period of ninety (90) days from the completion of the services. Parts provided by Hach in the performance of services may be new or refurbished parts functioning equivalent to new parts. Any non-functioning parts that are repaired by Hach shall become the property of Hach. No warranties are extended to consumable items such as, without limitation, reagents, batteries, mercury cells, and light bulbs. **All other guarantees, warranties, conditions and representations, either express or implied, whether arising under any statute, law, commercial usage or otherwise, including implied warranties of merchantability and fitness for a particular purpose, are hereby excluded.** The sole remedy for Products not meeting this Limited Warranty is replacement, credit or refund of the purchase price. This remedy will not be deemed to have failed of its essential purpose so long as Hach is willing to provide such replacement, credit or refund.

8. **INDEMNIFICATION:** Indemnification applies to a party and to such party's successors-in-interest, assignees, affiliates, directors, officers, and employees ("Indemnified Parties"). Hach is responsible for and will defend, indemnify and hold harmless the Buyer Indemnified Parties against all losses, claims, expenses or damages which may result from accident, injury, damage, or death due to Hach's breach of the Limited Warranty. Buyer is responsible for and will defend, indemnify and hold harmless the Hach Indemnified Parties against all losses, claims, expenses or damages which may result from accident, injury, damage, or death due to negligence, misuse or misapplication of any goods or services, violations of law, or the breach of any provision of this Contract by the Buyer, its affiliates, or those employed by, controlled by or in privity with them. Buyer's workers' compensation immunity, if any, does not preclude or limit its indemnification obligations.

9. **PATENT PROTECTION:** Subject to all limitations of liability provided herein, Hach will, with respect to any Products of Hach's design or manufacture, indemnify Buyer from any and all damages and costs as finally determined by a court of competent jurisdiction in any suit for infringement of any U.S. patent (or European patent for Products that Hach sells to Buyer for end use in a member state of the E.U.) that has issued as of the delivery date, solely by reason of the sale or normal use of any Products sold to Buyer hereunder and from reasonable expenses incurred by Buyer in defense of such suit if Hach does not undertake the defense thereof, provided that Buyer promptly notifies

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Hach of such suit and offers Hach either (i) full and exclusive control of the defense of such suit when Products of Hach only are involved, or (ii) the right to participate in the defense of such suit when products other than those of Hach are also involved. Hach's warranty as to use patents only applies to infringement arising solely out of the inherent operation of the Products according to their applications as envisioned by Hach's specifications. In case the Products are in such suit held to constitute infringement and the use of the Products is enjoined, Hach will, at its own expense and at its option, either procure for Buyer the right to continue using such Products or replace them with non-infringing products, or modify them so they become non-infringing, or remove the Products and refund the purchase price (prorated for depreciation) and the transportation costs thereof. The foregoing states the entire liability of Hach for patent infringement by the Products. Further, to the same extent as set forth in Hach's above obligation to Buyer, Buyer agrees to defend, indemnify and hold harmless Hach for patent infringement related to (x) any goods manufactured to the Buyer's design, (y) services provided in accordance with the Buyer's instructions, or (z) Hach's Products when used in combination with any other devices, parts or software not provided by Hach hereunder.

10. TRADEMARKS AND OTHER LABELS: Buyer agrees not to remove or alter any indicia of manufacturing origin or patent numbers contained on or within the Products, including without limitation the serial numbers or trademarks on nameplates or cast, molded or machined components.

11. SOFTWARE AND DATA. All licenses to Hach's separately-provided software products are subject to the separate software license agreement(s) accompanying the software media and/or included as an Appendix to these Terms & Conditions of Sale. Except to the extent such express licenses conflict with the remainder of this paragraph, the following also applies relative to Hach's software: Hach grants Buyer only a personal, non-exclusive license to access and use the software provided by Hach with Products purchased hereunder solely as necessary for Buyer to enjoy the benefit of the Products. A portion of the software may contain or consist of open source software, which Buyer may use under the terms and conditions of the specific license under which the open source software is distributed. Buyer agrees that it will be bound by all such license agreements. Title to software remains with the applicable licensor(s). In connection with Buyer's use of Products, Hach may obtain, receive, or collect data or information, including data produced by the Products. In such cases, Buyer grants Hach a non-exclusive, worldwide, royalty-free, perpetual, non-revocable license to use, compile, distribute, display, store, process, reproduce, or create derivative works of such data, or to aggregate such data for use in an anonymous manner, solely to facilitate marketing, sales and R&D activities of Hach and its affiliates.

12. PROPRIETARY INFORMATION; PRIVACY: "Proprietary Information" means any information, technical data or know-how in whatever form, whether documented, contained in machine readable or physical components, mask works or artwork, or otherwise, which Hach considers proprietary, including but not limited to service and maintenance manuals. Buyer and its customers, employees and agents will keep confidential all such Proprietary Information obtained directly or indirectly from Hach and will not transfer or disclose it without Hach's prior written consent, or use it for the manufacture, procurement, servicing or calibration of Products or any similar products, or cause such products to be manufactured, serviced or calibrated by or procured from any other source, or reproduce or otherwise appropriate it. All such Proprietary Information remains Hach's property. No right or license is granted to Buyer or its customers, employees or agents, expressly or by implication, with respect to the Proprietary Information or any patent right or other proprietary right of Hach, except for the limited use licenses implied by law. Hach will manage Customer's information and personal data in accordance with its Privacy Policy, located at <http://www.hach.com/privacypolicy>.

13. CHANGES AND ADDITIONAL CHARGES: Hach reserves the right to make design changes or improvements to any products of the same general class as Products being delivered hereunder without liability or obligation to incorporate such changes or improvements to Products ordered by Buyer unless agreed upon in writing before the Products' delivery date. Services which must be performed as a result of any of the following conditions are subject to additional charges for labor, travel and parts: (a) equipment alterations not authorized in writing by Hach; (b) damage resulting from improper use or handling, accident, neglect, power surge, or operation in an environment or manner in which the instrument is not designed to operate or is not in accordance with Hach's operating manuals; (c) the use of parts or accessories not provided by Hach; (d) damage resulting from acts of war, terrorism or nature; (e) services outside standard business hours; (f) site

prework not complete per proposal; or (g) any repairs required to ensure equipment meets manufacturer's specifications upon activation of a service agreement.

14. SITE ACCESS / PREPARATION / WORKER SAFETY / ENVIRONMENTAL COMPLIANCE: In connection with services provided by Hach, Buyer agrees to permit prompt access to equipment. Buyer assumes full responsibility to back-up or otherwise protect its data against loss, damage or destruction before services are performed. Buyer is the operator and in full control of its premises, including those areas where Hach employees or contractors are performing service, repair and maintenance activities. Buyer will ensure that all necessary measures are taken for safety and security of working conditions, sites and installations during the performance of services. Buyer is the generator of any resulting wastes, including without limitation hazardous wastes. Buyer is solely responsible to arrange for the disposal of any wastes at its own expense. Buyer will, at its own expense, provide Hach employees and contractors working on Buyer's premises with all information and training required under applicable safety compliance regulations and Buyer's policies. If the instrument to be serviced is in a Confined Space, as that term is defined under OSHA regulations, Buyer is solely responsible to make it available to be serviced in an unconfined space. Hach service technicians will not work in Confined Spaces. In the event that a Buyer requires Hach employees or contractors to attend safety or compliance training programs provided by Buyer, Buyer will pay Hach the standard hourly rate and expense reimbursement for such training attended. The attendance at or completion of such training does not create or expand any warranty or obligation of Hach and does not serve to alter, amend, limit or supersede any part of this Contract.

15. LIMITATIONS ON USE: Buyer will not use any Products for any purpose other than those identified in Hach's catalogs and literature as intended uses. Unless Hach has advised the Buyer in writing, in no event will Buyer use any Products in drugs, food additives, food or cosmetics, or medical applications for humans or animals. In no event will Buyer use in any application any Product that requires FDA 510(k) clearance unless and only to the extent the Product has such clearance. Buyer will not sell, transfer, export or re-export any Hach Products or technology for use in activities which involve the design, development, production, use or stockpiling of nuclear, chemical or biological weapons or missiles, nor use Hach Products or technology in any facility which engages in activities relating to such weapons. Unless the "ship-to" address is in California, U.S.A., the Products are not intended for sale in California and may lack markings required by California Proposition 65; accordingly, unless Buyer has ordered Products specifying a California ship-to address, Buyer will not sell or deliver any Hach Products for use in California. Any warranty granted by Hach is void if any goods covered by such warranty are used for any purpose not permitted hereunder.

16. EXPORT AND IMPORT LICENSES AND COMPLIANCE WITH LAWS: Unless otherwise specified in this Contract, Buyer is responsible for obtaining any required export or import licenses. Buyer will comply with all laws and regulations applicable to the installation or use of all Products, including applicable import and export control laws and regulations of the U.S., E.U. and any other country having proper jurisdiction, and will obtain all necessary export licenses in connection with any subsequent export, re-export, transfer and use of all Products and technology delivered hereunder. Buyer will comply with all local, national, and other laws of all jurisdictions globally relating to anti-corruption, bribery, extortion, kickbacks, or similar matters which are applicable to Buyer's business activities in connection with this Contract, including but not limited to the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"). Buyer agrees that no payment of money or provision of anything of value will be offered, promised, paid or transferred, directly or indirectly, by any person or entity, to any government official, government employee, or employee of any company owned in part by a government, political party, political party official, or candidate for any government office or political party office to induce such organizations or persons to use their authority or influence to obtain or retain an improper business advantage for Buyer or for Hach, or which otherwise constitute or have the purpose or effect of public or commercial bribery, acceptance of or acquiescence in extortion, kickbacks or other unlawful or improper means of obtaining business or any improper advantage, with respect to any of Buyer's activities related to this Contract. Hach asks Buyer to "*Speak Up!*" if aware of any violation of law, regulation or our Standards of Conduct ("SOC") in relation to this Contract. See www.ethicspoint.veralto.com and [Integrity and compliance - Veralto](#) for a copy of the SOC and for access to our Helpline portal.

17. RELATIONSHIP OF PARTIES: Buyer is not an agent or representative of Hach and will not present itself as such under any circumstances unless and to

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the extent it has been formally screened by Hach's compliance department and received a separate duly-authorized letter from Hach setting forth the scope and limitations of such authorization.

18. **FORCE MAJEURE:** Hach is excused from performance of its obligations under this Contract to the extent caused by acts or omissions that are beyond its control of, including but not limited to Government embargoes, blockages, seizures or freeze of assets, delays or refusals to grant an export or import license or the suspension or revocation thereof, or any other acts of any Government; fires, floods, severe weather conditions, or any other acts of God; quarantines; labor strikes or lockouts; riots; strife; insurrections; civil disobedience or acts of criminals or terrorists; war; material shortages or delays in deliveries to Hach by third parties. In the event of the existence of any force majeure circumstances, the period of time for delivery, payment terms and payments under any letters of credit will be extended for a period of time equal to the period of delay. If the force majeure circumstances extend for six months, Hach may, at its option, terminate this Contract without penalty and without being deemed in default or in breach thereof.

19. **NON ASSIGNMENT AND WAIVER:** Buyer will not transfer or assign this Contract or any rights or interests hereunder without Hach's prior written consent. Failure of either party to insist upon strict performance of any provision of this Contract, or to exercise any right or privilege contained herein, or the waiver of any breach of the terms or conditions of this Contract will not be construed as thereafter waiving any such terms, conditions, rights, or privileges, and the same will continue and remain in force and effect as if no waiver had occurred.

20. **FUNDS TRANSFERS (PAYMENTS):** Buyer and Hach both recognize that there is a risk of banking fraud when individuals impersonating a business demand payment under new banking or mailing instructions. To avoid this risk, Buyer must verbally confirm any new or changed bank transfer or mailing instructions by calling Hach at +1-970-663-1377 and speaking with Hach's Credit Manager before mailing or transferring any monies using the new instructions. Both parties agree that they will not institute mailing or bank transfer instruction changes and require immediate payment under the new instructions but will instead provide a ten (10) day grace period to verify any payment instruction changes before any new or outstanding payments are due using the new instructions.

21. **LIMITATION OF LIABILITY:** None of the Hach Indemnified Parties will be liable to any Buyer Indemnified Parties under any circumstances for any special, treble, incidental or consequential damages, including without limitation, damage to or loss of property other than for the Products purchased hereunder; damages incurred in installation, repair or replacement; lost profits, revenue or opportunity; loss of use; losses resulting from or related to downtime of the products or inaccurate measurements or reporting; the cost of substitute products; or claims of any Buyer Indemnified Parties' customers for such damages, howsoever caused, and whether based on warranty, contract, and/or tort (including negligence, strict liability or otherwise). The total liability of the Hach Indemnified Parties arising out of the performance or nonperformance hereunder or Hach's obligations in connection with the design, manufacture, sale, delivery, and/or use of Products will in no circumstance exceed in the aggregate a sum equal to twice the amount actually paid to Hach for Products delivered hereunder.

22. **APPLICABLE LAW AND DISPUTE RESOLUTION:** The construction, interpretation and performance hereof and all transactions hereunder shall be governed by the laws of the State of Colorado, without regard to its principles or laws regarding conflicts of laws. If any provision of this Contract violates any Federal, State or local statutes or regulations of any countries having jurisdiction of this transaction, or is illegal for any reason, said provision shall be self-deleting without affecting the validity of the remaining provisions. Unless otherwise specifically agreed upon in writing between Hach and Buyer, any dispute relating to this Contract which is not resolved by the parties shall be adjudicated in order of preference by a court of competent jurisdiction (i) in the State of Colorado, U.S.A. if Buyer has minimum contacts with Colorado and the U.S., (ii) elsewhere in the U.S. if Buyer has minimum contacts with the U.S. but not Colorado, or (iii) in a neutral location if Buyer does not have minimum contacts with the United States.

23. **ENTIRE AGREEMENT, TERM & MODIFICATION:** These Terms & Conditions of Sale constitute the entire agreement between the parties and supersede any prior agreements or representations, whether oral or written. Upon thirty (30) days prior written notice, Hach may, in its sole discretion, elect to terminate any order for the sale of Products and provide a pro-rated refund for any pre-payment of undelivered Products. No change to or modification of these Terms & Conditions shall be binding upon Hach unless in a written instrument specifically referencing that it is amending these Terms & Conditions of Sale and signed by an authorized representative of Hach. Hach

rejects any additional or inconsistent Terms & Conditions of Sale offered by Buyer at any time, whether or not such terms or conditions materially alter the Terms & Conditions herein and irrespective of Hach's acceptance of Buyer's order for the described goods and services.

24. **APPENDICES:** If checked, the following Appendices are attached hereto and incorporated by reference into these Terms & Conditions of Sale:

CLAROS SOFTWARE AS A SERVICE SUBSCRIPTION AGREEMENT

* * *

Award #R02 Supporting Documents 10/24/2024

Land Survey Services - 1411771046

Average Totals in Order

Overall Averages	Professional Staff Experience (15 Points)	Design Approach and Work Plan (30 Points)	Company Experience (50 Points)	JSEB(5 Points)	Total
DRMP	15.00	28.00	49.33	0.00	92.33
Clymer Farnor Barley Surveying	15.00	27.67	49.33	0.00	92.00
Degrove Surveyors	15.00	26.33	50.00	0.00	91.33
CivilSurv Design Group	15.00	27.33	47.00	0.00	89.33
ESP Associates	15.00	26.67	46.67	0.00	88.33
Pickett & Associates	15.00	27.67	43.67	0.00	86.33
Smith Surveying Group	15.00	20.00	46.00	5.00	86.00
Southeastern Surveying & Mapping	15.00	27.00	43.67	0.00	85.67
WGI	15.00	27.33	43.00	0.00	85.33
A & J	15.00	26.67	38.33	5.00	85.00
England, Thims & Miller	15.00	25.33	44.00	0.00	84.33
JBrown Professional Group	15.00	25.33	44.00	0.00	84.33
SurvTech Solutions	14.00	24.00	45.33	0.00	83.33
CPH	15.00	30.00	37.33	0.00	82.33
Clary & Associates	15.00	25.00	40.67	0.00	80.67
Causseaux Hewett & Walpole	15.00	24.00	41.00	0.00	80.00
North Florida Processional Services	14.00	25.33	39.67	0.00	79.00
SGC Engineering	15.00	24.33	39.00	0.00	78.33
T2 UES	15.00	25.00	38.00	0.00	78.00

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Land Survey Services - 1411771046

Vendor Rankings	Eileen Connolly	Jordan Pope	Brandon Traub	Z Rank	Rank
A & J	8	15	1	24	12
Causseaux Hewett & Walpole	12	18	3	33	16
CivilSurv Design Group	5	4	3	12	4
Clary & Associates	12	16	3	31	15
Clymer Farmer Barley Surveying	2	1	3	6	2
CPH	16	8	3	27	14
Degrove Surveyors	3	1	3	7	3
DRMP	1	1	3	5	1
England, Thims & Miller	10	8	3	21	8
ESP Associates	6	6	3	15	5
JBrown Professional Group	6	14	3	23	10
North Florida Processional Services	18	16	3	37	18
Pickett & Associates	4	13	3	20	6
SGC Engineering	17	19	3	39	19
Smith Surveying Group	15	7	1	23	10
Southeastern Surveying & Mapping	14	4	3	21	8
SurvTech Solutions	11	11	3	25	13
T2 UES	19	12	3	34	17
WGI	9	8	3	20	6

Eileen Connolly	Professional Staff Experience (15 Points)	Design Approach and Work Plan (30 Points)	Company Experience (50 Points)	JSEB (5 Points)	Total	Rank
A & J	15	25	37	5	82	8
Causseaux Hewett & Walpole	15	22	38	0	75	12
CivilSurv Design Group	15	27	43	0	85	5
Clary & Associates	15	25	35	0	75	12
Clymer Farmer Barley Surveying	15	28	48	0	91	2
CPH	15	30	27	0	72	16
Degrove Surveyors	15	24	50	0	89	3
DRMP	15	29	48	0	92	1
England, Thims & Miller	15	26	37	0	78	10
ESP Associates	15	25	43	0	83	6
JBrown Professional Group	15	26	42	0	83	6
North Florida Processional Services	12	26	32	0	70	18
Pickett & Associates	15	28	45	0	88	4
SGC Engineering	15	23	33	0	71	17
Smith Surveying Group	15	15	38	5	73	15
Southeastern Surveying & Mapping	15	26	33	0	74	14
SurvTech Solutions	12	22	42	0	76	11
T2 UES	15	25	22	0	62	19
WGI	15	27	39	0	81	9

Jordan Pope	Professional Staff Experience (15 Points)	Design Approach and Work Plan (30 Points)	Company Experience (50 Points)	JSEB (5 Points)	Total	Rank
A & J	15	25	28	5	73	15
Causseaux Hewett & Walpole	15	20	35	0	70	18
CivilSurv Design Group	15	25	48	0	88	4
Clary & Associates	15	20	37	0	72	16
Clymer Farmer Barley Surveying	15	25	50	0	90	1
CPH	15	30	35	0	80	8
Degrove Surveyors	15	25	50	0	90	1
DRMP	15	25	50	0	90	1
England, Thims & Miller	15	20	45	0	80	8
ESP Associates	15	25	47	0	87	6
JBrown Professional Group	15	20	40	0	75	14
North Florida Processional Services	15	20	37	0	72	16
Pickett & Associates	15	25	36	0	76	13
SGC Engineering	15	20	34	0	69	19
Smith Surveying Group	15	15	50	5	85	7
Southeastern Surveying & Mapping	15	25	48	0	88	4
SurvTech Solutions	15	20	44	0	79	11
T2 UES	15	20	42	0	77	12
WGI	15	25	40	0	80	8

Award #R02 Supporting Documents 10/24/2024

Brandon Traub	Professional Staff Experience (15 Points)	Design Approach and Work Plan (30 Points)	Company Experience (50 Points)	JSEB (5 Points)	Total	Rank
A & J	15	30	50	5	100	1
Causseaux Hewett & Walpole	15	30	50	0	95	3
CivilSurv Design Group	15	30	50	0	95	3
Clary & Associates	15	30	50	0	95	3
Clymer Farner Barley Surveying	15	30	50	0	95	3
CPH	15	30	50	0	95	3
Degrove Surveyors	15	30	50	0	95	3
DRMP	15	30	50	0	95	3
England, Thims & Miller	15	30	50	0	95	3
ESP Associates	15	30	50	0	95	3
JBrown Professional Group	15	30	50	0	95	3
North Florida Processional Services	15	30	50	0	95	3
Pickett & Associates	15	30	50	0	95	3
SGC Engineering	15	30	50	0	95	3
Smith Surveying Group	15	30	50	5	100	1
Southeastern Surveying & Mapping	15	30	50	0	95	3
SurvTech Solutions	15	30	50	0	95	3
T2 UES	15	30	50	0	95	3
WGI	15	30	50	0	95	3

	Professional Staff Experience (15 Points)	Design Approach and Work Plan (30 Points)	Company Experience (50 Points)	JSEB (5 Points)	Total
Overall Averages					
A & J	15.00	26.67	38.33	5.00	85.00
Causseaux Hewett & Walpole	15.00	24.00	41.00	0.00	80.00
CivilSurv Design Group	15.00	27.33	47.00	0.00	89.33
Clary & Associates	15.00	25.00	40.67	0.00	80.67
Clymer Farner Barley Surveying	15.00	27.67	49.33	0.00	92.00
CPH	15.00	30.00	37.33	0.00	82.33
Degrove Surveyors	15.00	26.33	50.00	0.00	91.33
DRMP	15.00	28.00	49.33	0.00	92.33
England, Thims & Miller	15.00	25.33	44.00	0.00	84.33
ESP Associates	15.00	26.67	46.67	0.00	88.33
JBrown Professional Group	15.00	25.33	44.00	0.00	84.33
North Florida Processional Services	14.00	25.33	39.67	0.00	79.00
Pickett & Associates	15.00	27.67	43.67	0.00	86.33
SGC Engineering	15.00	24.33	39.00	0.00	78.33
Smith Surveying Group	15.00	20.00	46.00	5.00	86.00
Southeastern Surveying & Mapping	15.00	27.00	43.67	0.00	85.67
SurvTech Solutions	14.00	24.00	45.33	0.00	83.33
T2 UES	15.00	25.00	38.00	0.00	78.00
WGI	15.00	27.33	43.00	0.00	85.33



QUOTATION

Quotation: 20563488

Southwire Contact: Ashley Smith	Date: 03/15/2024
Phone: 770-832-5832	RFQ: Fulton Cut Project
Email: ASHLEY.SMITH@SOUTHWIRE.COM	Freight Terms: Pre-paid FOB Shipping Point
	Expiration Date: 08/30/2024

Sold To: 252566 JEA 21 W CHURCH ST JACKSONVILLE FL 32202-3139 Phone: 904-665-6456	Ship To: 252566 JEA 21 W CHURCH ST JACKSONVILLE FL 32202-3139 Phone: 904-665-6456
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<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Net Price</u>	<u>Net Weight</u>
1	94,300 FT	1033.5-20/7 16 OCALA ACCS/TW/C7-TS 4300 FT <i>Material No.:</i> Q00690PB01	\$ 12.17 / 1 FT	\$ 1,147,631.00	AL: 91,571.618 Product: 100,848.00 0

*Comments:*lead time 38-40 weeks ARO plus transit.

The following reel lengths will be set up at time of order placement:

- # 6 @ 4,850 ft
- # 6 @ 4,700 ft
- # 6 @ 4,500 ft
- # 2 @ 5,000 ft

Returnable steel reel charges would be deferred 12-months from date of invoice and charged at that time should the reel not yet be returned.

10,000 FT MOQ

Pricing includes the quoted tooling cost for first production runs.

Net Weight:	100,848.000 LB
Gross Weight:	100,848.000 LB
Total CU Pounds:	0.000
Total AL Pounds:	91,571.618
Subtotal:	\$ 1,147,631.00 USD
Quotation Total:	\$ 1,147,631.00 USD

Company Comments

- (1) Pricing is FIRM at Time of Order Entry.
- (2) Pricing is valid until date given. After this date, this request will need to be re-quoted.
- (3) Stocking levels and lead times depicted above in the material comments.



QUOTATION

Quotation: **20563488**

(4) Subject to a manufacturing tolerance of 0/+5%.

(5) Freight: Destination freight allowed on 10,000 pounds, net per order to one location, for a single shipping date, within the continental U.S.

(6) Minimum Order Value is \$1,000.00

IN THE ABSENCE OF A UNIQUE CUSTOMER SPECIFICATION, THESE CONDUCTORS WILL

MEET OR EXCEED THE REQUIREMENTS OF APPLICABLE INDUSTRY SPECIFICATIONS.

All inventory is subject to prior sale. For additional information, please contact your sales representative.

We appreciate the opportunity to quote on your requirements and are looking forward to receiving your order. If you have any questions, please use the contact information above.



QUOTATION

Quotation: **20563488**

The products and/or services (collectively, the "Products") of Southwire Company, LLC or any of its subsidiaries or other affiliates (collectively, "Southwire") specified in this Quote shall be furnished only on Southwire's standard terms of sale contained on www.southwire.com/terms-and-conditions (the "Terms"). Buyer agrees to the Terms, together with the item, quantity, price, and similar terms stated in this quote, order acknowledgement and/or invoice from Southwire, and the foregoing constitute the parties' entire agreement, superseding all other communications and documentation. Southwire expressly rejects any different or additional terms, preprinted or otherwise, contained or referenced in any purchase order or other documentation furnished by Buyer. No modification of these Terms shall be effective unless set forth in a separate agreement signed by an authorized officer of Southwire.

Certification of Single Source or Emergency Procurement

Please use this form to certify a Single Source or Emergency Procurement complies with the requirements of the JEA Procurement Code. The JEA Procurement Code defines a Single Source and Emergency Procurement as follows:

3-112 Single Source

A Contract may be awarded for Supplies or Services as a Single Source when, pursuant to the Operational Procedures, the Chief Procurement Officer determines that:

- (a) there is only one justifiable source for the required Supplies or Services; **Note: Please provide justification.**
- (b) the Supplies or Services must be a certain type, brand, make or manufacturer due to the criticality of the item or compatibility within a JEA utility system, and such Supplies or Services may not be obtained from multiple sources such as distributors; **Note: If this is a Single Source Standard or OEM, please provide proper backup documentation.**
- (c) the Services are a follow-up of Services that may only be done efficiently and effectively by the Vendor that rendered the initial Services to JEA, provided the Procurement of the initial Services was competitive;
- (d) at the conclusion of a Pilot Project under Section 3-118 of this Code, the Procurement of Supplies or Services tested during the Pilot Project, provided the Vendor was competitively selected for the Pilot Project.

3-113 Emergency Procurements

In the event of an Emergency, the Chief Procurement Officer may make or authorize an Emergency Procurement, provided that Emergency Procurements shall be made with as much competition as practicable under the circumstances. A written Determination of the basis for the Emergency and for the selection of the particular Vendor shall be included in the Procurement file.

For purposes of this Section 3-113, an "Emergency" means any one of the following:

- (a) a reasonably unforeseen breakdown in machinery;
- (b) an interruption in the delivery of an essential governmental service or the development of a circumstance causing a threatened curtailment, diminution, or termination of an essential service;
- (c) the development of a dangerous condition causing an immediate danger to the public health, safety, or welfare or other substantial loss to JEA;
- (d) an immediate danger of loss of public or private property;
- (e) the opportunity to secure significant financial gain, to avoid delays to any Governmental Entity or avoid significant financial loss through immediate or timely action; or (f) a valid public emergency certified by the Chief Executive Officer.

Please provide the following information:

Vendor Name:

Description of Services or Supplies provided by Vendor:

Certification:

I the undersigned certify that to the best of my knowledge, no JEA employee has, either directly or indirectly, a financial interest in this Single Source Emergency Procurement, and

I the undersigned certify that this procurement meets the requirements of a (choose one of the following):

_____ **Single Source Procurement.** Please state which subsection of Section 3-112 above applies to this Single Source Procurement:

Is this Single Source also a Ratification? Yes No If yes, explain

OR

_____ **Emergency Procurement** - Please state which subsection of Section 3-113 above applies to this Emergency

Is this Emergency also a Ratification? Yes No If yes, explain

Raynetta Curry Marshall
Signature of JEA Business Unit Chief (or designee)
Raynetta Curry Marshall
Name of JEA Business Unit Chief (or designee)

This certification shall be attached to the Purchase Order when it is routed for approval. A Single Source or Emergency Procurement shall be reported to the JEA Board in accordance with Section 1-110 of the JEA Procurement Code.

Memo

To: James Bennett, JaxPort
From: Sebastian Chmist, JEA
Date: February 16, 2024
Re: Fulton Cut Crossing Conductor – Sole Source Justification

This memo is to justify that the proposed transmission ACCS C7 type conductor for the Fulton Cut Crossing Replacement project is a sole source product, manufactured by Southwire.

The Fulton Cut Replacement project objective is to increase the clearances of the lowest conductor across the Fulton Cut to allow for new ships with an air draft of up to 205 feet to safely call at JaxPort. The crossing conductor is an integral hardware component of the project which selection will dictate the supporting structure's heights and capacities, the size of the supporting structure's foundations and the required construction equipment and site access.

The Fulton Cut Replacement project evaluated 16 conductors as candidates to span the Fulton Cut crossing. The evaluation was split into two phases. Phase 1, which focused on: conductor sag, structure foundation reactions, conductor cost and heat losses. Phase 1 narrowed the 16 conductors to a final four conductors listed in Table - 1. The four conductors were the best performing conductors in three categories: legacy conductor types, high tension-low sag conductors and JEA standard conductors. Phase 2 evaluation focused on constructability, reliability and how the conductor selection affected the overall cost of the project.

Critical and unique elements of the evaluation, as they relate to this project, are addressed below.

Conductor Name	Category
1590 54/19 ACSR Falcon	JEA Standard
959.6 Suwannee ACSS-TW HS285	Legacy
1033.5 ACCS-TW-C7-TS (Samoa) Type 16	High Tension-Low Sag
1060 Plano ACCC ULS	High Tension-Low Sag

1. Project Cost

The JEA standard and legacy type conductors, ACSR and ACSS, sag more than the high tension-low sag conductors. The increased conductor sag requires taller supporting structures, which consequently require larger foundations. The taller supporting structures also require larger construction equipment which consequently requires more civil work for construction access.

A rough order of magnitude construction, tower and foundation cost estimate was performed to compare the overall construction, tower and foundation costs of the high tension-low sag and JEA standard conductors identified in Phase 2 of the conductor evaluation. The construction, tower and foundation cost estimate indicated that the use of the high tension-low sag conductors yielded a \$5M-\$6M savings over the use of JEA standard conductors.

The savings can be achieved by requiring shorter structures, smaller foundations, and smaller cranes. Shorter structures utilize less steel and require less crane pick up operations; therefore, shortening the duration of construction. Each crane pick-up can also be heavier because of a shorter crane boom length. The shorter boom length will affect the crane set up locations by requiring reduced minimum radius from the structure centers therefore decreasing the civil-access pad sizes for the cranes. The structure foundations can be reduced as well.

Based on the cost estimate, it was determined that the high tension-low sag conductors are economically more efficient than the legacy type and JEA standard conductors.

2. Reliability and Safety

The Fulton Cut transmission crossing is a critical element of JEA's electrical infrastructure. The failure of the conductors would not only impact JEA customers and city infrastructure but also the Port of Jacksonville and adjacent utilities. Downed conductors would produce an extreme safety event as well as prevent ship traffic from entering or leaving the port and have further negative impacting on the region's commerce and economy. Because of the importance of the crossing, the reliability and safety of the conductor is a vital factor in selecting the conductor.

The two high tension-low sag conductors in Phase 1 and Phase 2 analysis utilize a carbon fiber composite core for high tension strength capacities and low conductor sag behavior. The carbon fiber composite cores are strong but brittle which required greater care when transporting, handling, and installing the conductor.

The difference between the two conductor types is the conductor core design. The first type of conductor utilizes a single solid core, whereas the second type conductor utilizes a multistrand composite core design.

A single solid core design has the potential of critical failure if the conductor core was damaged during manufacturing, shipping, handling, installation, operation, or an extreme weather event. In the case of the single core's failure, the conductor's annealed aluminum will be responsible for supporting the wire load. The annealed aluminum will either stretch below the required ship crossing clearances or break, resulting in a conductor failure.

The Southwire ACCS C7 multistrand core design provides failure redundancy by utilizing multiple smaller cores that are stranded together. The smaller cores share the mechanical load between them allowing for additional redundancy. In a case of damage to some of the smaller cores, the remainder of functional cores will aid in partially supporting the conductor load before transferring the load to the annealed aluminum. This mechanism may provide additional time for conductor replacement before complete conductor failure. In addition, the Southwire multistrand core utilizes a best-in-class anti-corrosion

encapsulation layer which protects against abrasion and chemical attack on the carbon fiber composite core.

3. Constructability

Conductor installation hardware also plays an important role in conductor selection. The Southwire ACCS C7 multistrand core allows for increased flexibility and tolerance to bending because of the smaller cross section area of each core strand, thus allowing for conventional installation equipment. A solid core conductor has a larger cross section area which experiences more stress on the outside fibers of the core when subjected to the same bending radii as the smaller cores. This requires less common, larger, installation equipment. In addition to larger bending radii, some solid core conductors require special installation instruction and training.

4. History of Use

Because the Fulton Cut transmission crossing is a critical element of JEA's electrical infrastructure, minimizing risk is essential to the uninterrupted flow of electricity. Choosing a conductor manufacturer with an established history and performance is essential to minimizing the project risk during the construction and lifetime of the project.

Southwire has been manufacturing conductors in the United States for over 70 years. It is a well-established manufacturer with a reputable record of reliability. Composite solid core manufacturers are relatively new in the power delivery market with a total history of less than 20 years and an even shorter time of practical use. The solid core conductors have not been in use long enough to establish a history of reliability.

5. Justification

To manage construction costs and overall price of the Fulton Cut Relocation project, high tension-low sag conductors are required. Legacy conductors of reasonable size suitable for the project's needs do not possess the mechanical properties and / or strength to minimize the project cost.

The high tension-low sag Southwire ACCS C7 conductor is the preferred conductor for the project. The Southwire ACCS C7 conductor is a proprietary design and product that no other company can supply. Although similar in mechanical performance to the solid core high tension-low sag conductor designs, the Southwire ACCS C7 outperforms solid core designs in the following ways:

- The C7 conductor utilizes a multistrand composite core design which eliminates potential for single point of failure.
- The multistrand core allows for increased flexibility and tolerance to bending which allows for conventional installation equipment.
- The multistrand core utilizes a best-in-class anti corrosion encapsulation layer which protects against abrasion and chemical attack on the carbon fiber composite.
- The conductor is designed to fit existing transmission system infrastructure: tools, fittings, and work practices that are similar to conventional steel core conductors.
- Minimizes the risk of failure through the use of a multistrand conductor core, long history of use and reputation of reliability.