

PUBLIC NOTICE
PSEC AGENDA
PROFESSIONAL SERVICES EVALUATION COMMITTEE MEETING
Thursday, April 20, 2023, 10:00 a.m.
Eighth Floor, Conference Room 851
Ed Ball Building, 214 N. Hogan Street
Jacksonville, FL 32202

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The Chief of the Procurement Division offers the following items for the PSEC Agenda. The posting of this agenda serves as official notice of the City's intended decision for all recommended actions above the formal threshold of \$65,000.00. Please refer to 126.106(e), if you wish to protest any of these items.

Committee Members: Robert Waremburg, Chairman
 Brennan Merrell, Treasury
 James McCain, Jr., OGC

Subcommittee Members	ITEM #	BID/RF #	TITLE & ACTION	MOTION	CONTRACT EXP	OUTCOME
Anne Coglianese William Killingsworth	1	SS-14120-23	Single Source Purchase Compound Flood Model and Real Time Flood Forecasting System Planning and Development Department	That the City of Jacksonville enter into a Single Source Contract with The Water Institute of the Gulf for the purchase of a Full Probabilistic Compound Flood Model and Real-Time Flood Forecasting System by incorporating the attached Scope of Work identified as Exhibit "A" and the Fee Agreement identified as Exhibit "B." The Period of Service will be from execution of the contract to project completion. The maximum indebtedness will be a not-to-exceed amount of \$2,500,000.00. All other terms and conditions are per the City's standard contract language.		
Paul Crawford Wendy Khan	2	P-13-23	Introduce and Review Scope Contracts Management, Maintenance and Caretaker Support for Cecil Commerce Center/Alliance Florida Office of Economic Development	That the committee approves the Scope of Services/Request for Proposal (RFP) as presented with such minor changes thereto as may be approved by the Chief Procurement Officer and the Office of General Counsel to clarify the intent of the using agency and to ensure compliance with the City's ordinances, Procurement policies and procedures, and applicable state and federal laws.		
Keith Powers Dan Pearson	3	P-05-20	Contract Amendment No. 3 Laboratory Services for JFRD Jacksonville Fire and Rescue Department	That Contract No. 70250-20 between the City of Jacksonville and Quest Diagnostics Clinical Laboratories, Inc., for Laboratory Services for Jacksonville Fire and Rescue Department be amended to exercise the third and final renewal option extending the period of service from July 1, 2023 through June 30, 2024, with no renewals remaining; and increasing the maximum indebtedness by \$50,000.00 to a new not-to-exceed maximum of \$250,000.00. All other terms and conditions shall remain the same except for such changes as the Office of General Counsel may deem appropriate to ensure compliance with the City's ordinances, Procurement policies and procedures and applicable federal and state laws.	06/30/23	
Will Williams Robin Smith	4	P-19-20	Fee and Contract Negotiations Professional Engineering Services for Eastport Road from Pulaski Road to Zoo Parkway Department of Public Works/Engineering & Construction Management Division	That the City of Jacksonville enter into a contract with Casseaux, Hewett & Watpole, Inc. d/b/a CHW for Professional Engineering Services for Eastport Road from Pulaski Road to Zoo Parkway that incorporates the attached Scope of Services identified as Exhibit 'A' and Contract Fee Summary identified as Exhibit 'B'; provide a lump-sum amount for Design Services in the amount of \$1,704,737.08 and not-to-exceed limits for Environmental in the amount of \$24,486.47; Geotechnical in the amount of \$103,168.28; Traffic Control in the amount of \$425,544.70; Signalization in the amount of \$298,327.19; Title Work in the amount of \$10,000.00; SUE Services in the amount of \$60,000.00; Traffic Counts in the amount of \$2,000.00 and Contingency Services in the amount of		

<p>Robin Smith Will Williams</p>	<p>5</p>	<p>P-20-21</p>	<p>Fee and Contract Negotiations Professional Engineering Services for Hartley Road Widening from San Jose Boulevard to Old St. Augustine Road Department of Public Works/Engineering & Construction Management Division</p>	<p>\$100,000.00, with a maximum indebtedness to the City in the amount of \$2,728,263.72 and with an expiration date of Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language. That the City of Jacksonville enter into a contract with STV, Inc., for Professional Engineering Services for Hartley Road Widening from San Jose Boulevard to Old St. Augustine Road, that incorporates the attached Scope of Services identified as Exhibit 'A' and Contract Fee Schedule identified as Exhibit 'B'; provide a lump-sum amount for Design Services in the amount of \$379,977.20 and not-to-exceed limits for Survey/SUE/Mapping in the amount of \$240,990.29 and Geotechnical in the amount of \$13,431.45; with a maximum indebtedness to the City in the amount of \$634,398.94 and with an expiration date of Project Completion. All other terms and conditions are per the RFP and the City's standard contract language.</p>					
<p>Will Williams Jill Enz</p>	<p>6</p>	<p>P-10-19</p>	<p>Contract Amendment No. 1 Professional Design Services for the Southbank Riverwalk Extension Department of Public Works/Engineering & Construction Management Division</p>	<p>That Contract 70145-20, originally executed, June 4, 2020 between the City and the Haskell Company for Professional Design Services for the Southbank Riverwalk Extension, be amended to incorporate the attached Scope of Services identified as Exhibit 'C' and Contract Fee Schedule identified as Exhibit 'D'; to increase the Not-to-Exceed Limits for Design by \$145,726.27 from \$283,118.69 to a new limit of \$428,844.96; Survey by \$7,300.89 from \$41,410.10 to a new limit of \$48,710.99; Permitting by \$15,440.06 from \$37,715.29 to a new limit of \$53,155.35; Structural Engineering by \$69,982.00 from \$256,568.38 to a new limit of \$328,550.38, with the limits remaining the same for Geotechnical in the amount of \$158,993.39, Public Outreach in the amount of \$5,083.56 and Upland Connections in the amount of \$5,000.00, thereby increasing the maximum indebtedness by \$238,449.22 for a new maximum indebtedness to the City in the amount of \$1,028,338.63. All other terms and conditions shall remain the same.</p>					
<p>Robin Smith Jonathan Page</p>	<p>7</p>	<p>P-49-22</p>	<p>Fee and Contract Negotiations CEI Services for the Rivers Edge Development Project Department of Public Works/Engineering & Construction Management Division</p>	<p>That the City of Jacksonville enter into a Contract with VIA Consulting Services, Inc., for CEI for the Rivers Edge Development Project that includes the attached Scope of Services identified as Exhibit 'A' and Contract Fee Schedule identified as Exhibit 'B'; Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto. The maximum indebtedness of the City pursuant to this agreement is \$2,000,000.00. The period of service will be to Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.</p>					
<p>Nikita Reed Thomas McKnight</p>	<p>8</p>	<p>P-46-22</p>	<p>Fee and Contract Negotiations Construction Engineering and Inspection Services for Federally Funded Projects Department of Public Works/Engineering & Construction Management Division</p>	<p>That the City of Jacksonville enter into a contract with England-Thums & Miller, Inc., for Construction Engineering and Inspection Services for Federally Funded Projects that incorporates the attached Scope of Services identified as Exhibit 'A' and Contract Fee Schedule identified as Exhibit 'B'; each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto; the maximum indebtedness of the City pursuant to this agreement is \$3,000,000.00; The initial Period of Services will be for two (2) years with the option to extend such contract for two (2) additional two-year periods upon satisfactory performance by the Consultant. All other terms and conditions are as provided in the RFP and the City's standard contract language.</p>					

<p>Nikita Reed Thomas McKnight</p>	<p>9</p>	<p>P-27-22</p>	<p>Fee & Contract Negotiation Construction Engineering and Inspection (CEI) Services For Medical Examiner's Office Department of Public Works/Engineering & Construction Management Division</p>	<p>That the City of Jacksonville enter into a contract with AE Engineering, Inc., for the Medical Examiner's Office that incorporates the attached Scope of Services identified as Exhibit 'A' and Contract Fee Schedule identified as Exhibit 'B'; Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto; the maximum indebtedness of the City pursuant to this agreement is \$1,800,000.00; the Period of Service will be to Project Completion. All other terms and conditions are per the RFP and the City's standard contract language.</p>		
<p>Robin Smith Thomas McKnight</p>	<p>10</p>	<p>P-06-23 JS#1</p>	<p>Introduce and Review Scope Construction Engineering and Inspection Services for Various City Projects - Annual Contract Set Aside Department of Public Works/Engineering & Construction Management Division</p>	<p>That the committee approve the scope of service/ Request for proposal (RFP) as presented with such minor changes thereto as may be approved by the Chief Procurement Officer and the Office of General Counsel to clarify the intent of the using agency and to ensure compliance with the City's ordinances, Procurement policies and procedures and applicable state and federal laws.</p>		
<p>Robin Smith Guy Parola</p>	<p>11</p>	<p>P-30-20</p>	<p>Contract Amendment No. 1 Professional Engineering Services for 2-Way Mobility & Safety Enhancement Analysis & Design on Forsyth and Adams Department of Public Works/Engineering & Construction Management Division</p>	<p>That Contract No. 7100821 originally executed June 15, 2021, between the City and Prosser, Inc., for Professional Engineering Services for 2-Way Mobility & Safety Enhancement Analysis & Design on Forsyth and Adams, be amended to incorporate the attached Scope of Services identified as Exhibit 'C' and Contract Fee Summary identified as Exhibit 'D' to increase the lump-sum amount by \$28,059.16 to a new lump-sum amount of \$1,356,618.18 and to add a new not-to-exceed limit for Shop Drawings in the amount of \$5,000.00, thereby, increasing the maximum indebtedness by \$33,059.16 to a new maximum amount of \$1,361,618.18. All other terms and conditions shall remain unchanged.</p>		<p>To Project Completion</p>
<p>Robin Smith Roy Birbal</p>	<p>12</p>	<p>P-23-16</p>	<p>Contract Amendment No. 3 Miscellaneous Architectural/ Engineering Services Department of Public Works/Engineering & Construction Management Division</p>	<p>That Contract No. 10288 originally executed March 20, 2017, between the City of Jacksonville and TTV Architects, Inc., for Miscellaneous Architectural/Engineering Services be amended to ratify the contract from March 19, 2023, to the effective date of renewal and extending the period of service through August 19, 2023. All other terms and conditions, as previously amended shall remain the same except for such changes as the Office of General Counsel may deem appropriate to ensure compliance with the City's ordinances, Procurement policies and procedures and applicable federal and state laws.</p>		<p>03/19/23</p>

Meeting Adjourned.

"The next PSEC meeting is scheduled to be held on Thursday, May 4, 2023."



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Planning and Development Department
Ed Ball Building
214 North Hogan Street, Suite 300
Jacksonville, FL 32202
(904) 255-7800
www.coj.net

Date: April 11, 2023

From: Anne Coglianese, Chief Resilience Officer
Planning and Development Department

Thru: William B. Killingsworth, Director
Planning and Development Department

To: Dustin Freeman, Chief
Procurement Division

Re: Single Source Request for Compound Flood Analysis by The Water Institute

SS-14120-23

The Chief Resilience Officer requests the Procurements Division grant a single source award to The Water Institute for a full probabilistic compound flood model and real-time flood forecasting system. The City of Jacksonville believes The Water Institute is the only organization capable of providing the level and quality of compound flood data being sought on the timeframe needed for the City's resilience program.

Over the past four years, The Water Institute has made coastal compound flooding a priority area for research and development, which has led to the development of a fully probabilistic compound flood methodology which has been reviewed by and co-developed with national experts at the U.S. Army Corps of Engineers (USACE), Federal Emergency Management Agency (FEMA), University of Iowa, Purdue University, University of Central Florida, and others. The type of full probabilistic compound flood modeling requested in this single source has never been done at the city scale before; however, this type of analysis is underway at the state level in Louisiana and Texas, both led by The Water Institute. Simply put, The Water Institute is the only entity to have developed the type of compound flood model needed by the City of Jacksonville and tested it at a scale that gives us confidence in its results.

Additionally, as an independent, non-profit, applied research institution, The Water Institute qualifies for National Science Foundation high performance computing cluster grants, which has the potential to save the City hundreds of thousands of dollars in computing costs. This is on top of the cost saving from

The Water Institute's years of investment in compound flooding R&D which the City of Jacksonville will benefit from at no cost for this scope.

The Water Institute has a transdisciplinary team that includes hydrodynamic modelers and computational scientists as well as national experts in coastal resilience, structured decision-making, decision making under uncertainty, urban planning and policy, and public engagement. This combination of skills and expertise is unique to The Water Institute and brings the ability to analyze and translate complex model outputs into actionable and transparent policy and planning for the City of Jacksonville.

There may be specific elements of this project that could be conducted by other firms, under the guidance and supervision of TWI. If TWI determines that additional consulting support is needed to develop the new modeling or perform simulations, those subcontracts will be bid out through the City's standard procurement process; however, the leadership and design of this project remains something that TWI is uniquely capable of providing.



COMPOUND FLOODING ANALYSIS

Scope & Budget

April 11, 2023

WORKING BUDGET ESTIMATE

Task	Name	Approx. Cost
1	Develop new comprehensive modeling suite	\$280K
2	Validate models	\$220K
3	Identify conditions to evaluate	\$260K
4	Perform simulations	\$120K
5	Quantify uncertainty	\$100K
6	Develop statistical summaries of modeling results	\$210K
7	Conduct flood consequence and damage analysis	\$200K
8	Update resilience plan vulnerability assessment and implementation guidance	\$200K
9	Develop data and model catalog to support future project design and evaluation	\$50-150K (+\$10-20K/yr) (+data storage)
10	Develop and operate a real-time flood forecasting system	\$200-500K (+\$50-100K/yr)
11	Generate and transmit final deliverables	\$160K





FINANCE & ADMINISTRATION DEPARTMENT, PROCUREMENT DIVISION

JUSTIFICATION FOR SINGLE SOURCE (JSS)	
<i>Pursuant to the City of Jacksonville Procurement Code § 126.206 & § 126.312, when requesting a purchase from a vendor subject to the referenced sections, please complete this form to justify your request and submit to Procurement with applicable attachments.</i>	
1. Requesting Agency:	Choose "the requesting agency" from drop-down list by clicking here to make your selection.
2. Nature and/or description of the requirement being requested. <i>Identify each item, component or service being procured. (Attach quote/proposal):</i> <i>Why does the City need these particular goods or services?</i>	The City of Jacksonville's Chief Resilience Officer is requesting a single source procurement of professional services by The Water Institute of the Gulf to develop a probabilistic compound flood model and real-time forecasting system, which will give Jacksonville the most complex and detailed understanding of flood risks. Current flood data does not capture the complexity of multiple flood hazards occurring simultaneously, but interaction of multiple flood hazards is essential and urgent information for the city to have as it designs and implements resilience projects. The attached document outlines the need for this scope (pg 1), the qualifications of The Water Institute (pg. 2-4), and the scope of services (pg. 4-13)
3. Provide a detailed justification as to why the requested goods/services can only be efficiently and effectively procured through the recommended Single Source vendor:	The Water Institute is the only qualified entity that has a fully developed compound flood model that has been tested at scale. Additional details on The Water Institute's unique qualifications can be found in the attached document on pages 2-4 and in the single source memo attached. The top justifications include: TWI has already invested in R&D on this modeling methodology so that is a cost-saving to the city; they are the only entity to have a proven record of success in conducting this type of modeling at a large scale in Louisiana and Texas; their non-profit applied research status can save the city hundreds of thousands of dollars in computing costs; and TWI is already working on the City's resilience strategy planning so they have the best understanding of how this data will be integrated into the city's resilience implementation and can design an catalog and forecasting system that matches the city's needs.
4. Date of Request	4/11/2023

5. Summary of Market Research

[Provide a description of the market research performed, how it was performed, by whom, and market research results. Please spell out acronyms.]

[The attached document titled "Compound Flood Analysis" provides in-depth details about the scope of work requested through this single source and why The Water Institute's unique qualifications to provide this data in the most time-efficient and cost-effective way.]



FINANCE & ADMINISTRATION DEPARTMENT, PROCUREMENT DIVISION

6. *Other Documentation (Check and attach all that apply)*

Supplier Quote

Single Source Memo signed by Director

Other [Click here to list other documentation.]

COMPOUND FLOODING ANALYSIS

City of Jacksonville

STATEMENT OF NEED

The City of Jacksonville is located on Florida's Atlantic Coast at the terminus of the St. John's River, the longest river in the State of Florida (310 miles) that drains a watershed of nearly 9,000 square miles. Jacksonville is also home to a number of tributaries that flow into the St. John's. Given its coastal location and the abundance of freshwater flowing through the city, it is vulnerable to flooding from coastal high tides, storm surge, and waves; inland river flooding; and localized rainfall flooding. Sometimes, coastal, river, and/or rainfall flooding can occur simultaneously, amplifying flooding impacts and damage. This phenomenon is referred to as compound flooding. For example, during Hurricane Irma in 2017, coastal surge coincided with high St. John's River flows and caused an estimated \$85 million in flood damage across the city. Furthermore, sea-level rise, increasing rainfall intensity, and other uncertain climate and non-climate drivers are increasing these risks for Jacksonville.

The complexity of Jacksonville's natural environment, many potential avenues for flooding, and increasing but uncertain hazard risk requires robust tools to establish and evaluate these risks, project how they may increase in the future, and inform City resilience planning and implementation. Presently, existing modeled estimates provide useful but limited information on separate coastal and riverine flood risks to Jacksonville under present day and selected future conditions. **While existing estimates are useful to inform preliminary planning, they lack the ability to comprehensively estimate flood risk resulting from compound flood events.** Moreover, current estimates do not include the entire geography of Duval County (e.g., areas that drain away from the St. John's River) and do not capture the threat from localized rainfall flooding that may occur away from streams and tributaries.

Therefore, the City of Jacksonville is proposing to fund the development of a new comprehensive modeling framework to estimate present and future compound flood risk citywide. This effort will help to ensure that the implementation of Jacksonville's Resilience Strategy, prioritization and design of infrastructure projects, deployment of emergency response resources in response to potential flood hazards, and other key city decisions are based on the best available science and data.



ABOUT THE WATER INSTITUTE

The Water Institute (Institute) is an independent, non-profit, applied research institution. The Institute works across disciplines and engages scientific, engineering, and planning experts with decision-makers to advance state of the art science to support decision-making and help solve complex environmental and societal challenges. To address Jacksonville's need for comprehensive compound flood risk, **the Institute has built a transdisciplinary team that includes hydrodynamic modelers and computational scientists as well as national experts in coastal resilience, structured decision-making, decision making under uncertainty, urban planning and policy, and public engagement.** This combination of skills and expertise is unique to the Institute and brings the ability to analyze and translate complex model outputs into actionable and transparent policy and planning.

Despite rapid and recent advancements in simulation modeling for coastal compound flooding hazard assessments, until recently there has not been a full assessment of compound flood hazard in low-lying coastal regions that combine tropical and non-tropical events (e.g., winter storms with a concurrent high tide and rainfall). Over the past four years, the Institute has made coastal compound flooding a priority area for research and development. **An outcome of these efforts is a fully probabilistic compound flood methodology developed by the Institute and its partners for application in coastal regions like Jacksonville.** These methods have been reviewed by and co-developed with national experts at the U.S. Army Corps of Engineers (USACE), Federal Emergency Management Agency (FEMA), University of Iowa, Purdue University, University of Central Florida, and others.

The Institute is uniquely qualified to support the City of Jacksonville by rapidly developing and applying a state-of-the-art compound flood risk model and risk assessment framework. The Institute is a recognized thought leader in this emerging field and can translate its knowledge, experience, and expertise from compound flood risk assessments conducted in Louisiana and other coastal areas. The Institute team can also leverage active partnerships with other experts nationwide and specific to Florida. Finally, the Institute's experience in support of Jacksonville's Resilience Strategy development will both translate to efficiencies in compound flood risk modeling and ensure the resulting analysis directly informs strategy development and implementation next steps. Each of these unique qualifications is elaborated on in the sections below.

COMPOUND FLOOD RISK MODELING

First, in support of the Louisiana Watershed Initiative (LWI), the Institute recently completed a pilot study for the development of a response-based probabilistic compound flood modeling approach to create annual exceedance probability (AEP) surfaces of the compound flood hazard (e.g., 100-year or 1% AEP maps and associated datasets). The pilot study was conducted in the coastal compound flood watersheds near New Orleans and Baton Rouge. The LWI pilot study is the first of its kind, including the development of the probabilistic framework, numerical modeling set-up, and AEP results for multiple watersheds including extensive sensitivity testing to establish uncertainty as part of the assessment. The methods developed for LWI are directly transferable to Jacksonville, though approaches would be refined to account for the unique hazard conditions of the region.



Based on this seminal LWI pilot study research, the Institute has been asked to scope and, once funded, conduct coastwide compound flood studies with the states of Louisiana (as part of LWI), Texas, and Virginia. It is anticipated that multiple states will advance the coastwide compound flood studies beginning in 2023 or 2024, creating opportunities for Jacksonville to directly leverage additional relevant research beyond the recently completed LWI pilot study.

In addition to leading research in the application of hydrodynamic models to simulate compound flood events and the creation of probabilistic frameworks, the Institute staff include computational scientists capable of managing the generation and quality review of thousands of compound flood simulations. Of note, the Institute simulated over 300,000 compound flood events for the LWI pilot study using a custom HEC-HMS and HEC-RAS model controller developed in-house. Additionally, as a non-profit applied research organization, the Institute qualifies for National Science Foundation (NSF) high performance computing (HPC) cluster grants. For multiple programs including the LWI pilot study, the Institute has successfully submitted grant applications to generate large numbers of simulations within a relative short schedule (e.g., the 300,000 simulations were completed for LWI within 3 weeks) and at zero cost to the client. Though there is no guarantee of grant acceptance, the Institute is uniquely positioned to submit similar NSF funded grant applications to HPC providers as part of a study for Jacksonville, potentially saving the city hundreds of thousands of dollars in computing costs.

KEY PARTNERSHIPS

In its pioneering flood risk assessments, the Institute works closely with leading experts nationally and in Florida, including but not limited to:

- **Dr. Don Resio**, a leading expert in compound flooding probabilistic methods is a Senior Fellow at the Institute. Dr. Resio is Jacksonville based and is the former Director of Taylor Engineering Research Institute at the University of North Florida.
- **Dr. Thomas Wahl** is a national leader in compound flooding and professor at the University of Central Florida. His previous research informed compound flood studies led by the Institute in Texas and as part of LWI. Additionally, Dr. Wahl supported the scoping of statewide compound flood methods being considered for the state of Virginia.
- **Dr. Norberto Nadal** is the Coastal Hazards Group lead at USACE Engineering Research and Development Center (ERDC) and co-lead of the South Atlantic Coastal Study (SACS). Dr. Nadal was an independent reviewer in the Institute's early compound flood research as part of the LWI program. Following his role as a reviewer, Dr. Nadal has become a co-developer of methods with the Institute, supporting the scoping of a statewide coastal compound flood study in Texas. The Texas study is expected to advance the Institute-developed compound flood methods from the LWI pilot for application across the Texas coastal and compound flood watersheds. A focus of the Texas analysis is additionally to refine methodologies such that they are accepted broadly within the USACE.
- **Dr. Gabriele Villarini** of the University of Iowa and **Dr. David Johnson** of Purdue University are leading experts in hydroclimatology, extreme events, statistical modeling, and probabilistic



methods. Both Dr. Villarini and Dr. Johnson have been key partners in relevant research led by the Institute in Louisiana and Texas.

RESILIENCE STRATEGY DEVELOPMENT

Finally, the Institute's current leadership in supporting the development of Jacksonville's first ever resilience strategy has provided deep working knowledge of both the current best available flood risk information for the city and key data gaps. This ongoing integrated planning work will allow the team to maximize the utility of recent flood risk assessments for the city in informing and refining the compound flood model. In turn, the Institute's transdisciplinary team also brings the unique ability to analyze and translate model outputs into policy and project application that will advance implementation of Jacksonville's resilience strategy. The Institute team can ensure that the new flood risk assessment informs the final stages of resilience strategy development as well as next steps for the city in terms of plan implementation, risk communication, and other urgent near-term priorities identified to improve Jacksonville's resilience.

COMPOUND FLOOD RISK ANALYSIS SCOPE

APPROACH OVERVIEW

The purpose of this analysis is to assist the City of Jacksonville in the comprehensive assessment of flood risk hazards from the combination of coastal, fluvial, and pluvial flood risk. The proposed analysis consists of 11 tasks, summarized below:

1. Develop new comprehensive modeling suite
2. Validate models
3. Identify conditions to evaluate
4. Perform simulations
5. Quantify uncertainty
6. Develop statistical summaries of modeling results
7. Conduct flood consequence and damage analysis
8. Update resilience plan vulnerability assessment and implementation guidance
9. Develop data and model catalog to support future project design and evaluation
10. Develop and operate a real-time flood forecasting system
11. Generate and transmit final deliverables

Each of these tasks is described further in the sections to follow.



Task 1 – Develop a new comprehensive modeling suite

The complexity of the natural environment surrounding the City of Jacksonville is conducive to compound flood hazards, and as such, robust tools are needed to establish and evaluate those risks and accurately inform planning. Presently, existing models address processes related to pluvial flooding in selected regions of the city, and while they can address flooding risks and inform planning in those areas, they lack the ability to comprehensively address flooding hazard resulting from compound flood events and/or conditions. Moreover, there are regions and proximal and distal watersheds of the City of Jacksonville that under certain conditions could influence city flooding, but the current tools cannot holistically include or help evaluate. Therefore, the Institute will build a new comprehensive suite of models to evaluate compound flooding in the City of Jacksonville.

This Institute will recommend a suite of modeling software based on the terrain, stormwater infrastructure, and the requirements for capturing the different aspects of compound flooding from pluvial, fluvial, and storm surge mechanisms. Both a hydraulic (e.g., HEC-RAS) and hydrology (e.g., HEC-HMS) model will be selected for the model suite. The hydrology model will represent stream and river flows that feed into the hydraulic model of compound flooding. The hydraulic model development will be informed by the structures and details from past models and modeling efforts. The models will incorporate available survey data for hydraulic structures such as bridges, culverts, levees, throughout the area. The models will replicate or improve existing model performance in capturing flood events at the coastal boundary, riverine boundary, and along the smaller localized flow paths of pluvial flooding from intense rainfall.

Task 2 – Validate models

The models will be validated against existing observations (high water marks, gage records) and recent modeling efforts conducted in support of city-level (e.g., stormwater master plan) or regional risk assessments (e.g., SACS). Based on this validation, the models will be revised. Revisions could include but are not limited to adjusting the surface roughness coefficient, adding additional hydraulic structures, adjusting antecedent conditions, and adjusting the model computational mesh. Typically, validation and calibration of models is done for a few select events, in a so-called deterministic approach. In pioneering a probabilistic approach to flood risk, the Institute approaches model validation such that model parameters are not over-calibrated for a single event but are calibrated to reasonably represent the flood response over a spectrum of probabilistic events.

Task 3 - Identify conditions to evaluate

In identifying the conditions to evaluate for flood risk, the Institute will leverage analysis of existing (if available) and future conditions. In both cases, the Institute will identify gaps in the existing and future conditions. In the process of preparing the final conditions for evaluation we will leverage the following:

- The 2020, 2040, 2070 riverine analysis.
- The SACS analysis for historic and tropical storm conditions at the downstream boundary and future climate conditions (e.g., RCP 8.5-2050, RCP 8.5-2085).
- Additional sea level rise (SLR) scenarios in coordination with state resilience requirements.



- Analysis of variable (non-spatially constant) tidal flooding for present and future conditions.
- Existing coastal storm surge model output (USACE SACS) for watersheds surrounding the city of Jacksonville, including St. John’s River, Trout River, Broward River and Dunn Creek, and other watersheds/basins with known compound flooding hazards.

This task will identify the final methods and data used to characterize pluvial, fluvial, and storm surge conditions and includes:

- Establishing conditions (e.g., soil moisture, etc.) antecedent to storm events.
- Creating storm event (tropical and non-tropical) rainfall fields.
- Selecting initial, and boundary conditions (inland stream flows and coastal water levels) for all selected storms.

Different from a deterministic approach, the Institute and its partner experts establish the storm conditions as a joint probability distribution. As part of this task, the Institute will optimize the sampling of storms (from the joint distribution) to reasonably capture the full spectrum of flood risk across different flooding mechanisms and storm types (e.g., tropical and non-tropical events).

Task 4 – Perform simulations

The model suite will be run over the storm conditions for evaluating compound flooding. The models will be executed with an automated procedure that populates models with the storm conditions and in turn runs the models in parallel across multiple compute resources in a cloud compute environment (e.g., Google Cloud, Microsoft Azure, or a similar service). Following past modeling efforts, the Institute will work on a grant application to explore (no cost) access to an HPC for running the model simulations. For each model run, a QA/QC notebook (in html format) will document the model performance and results. These notebooks may be viewed with any web browser. In addition, metadata (i.e., data about the QA/QC data) will be aggregated to identify outlier model runs that require reworking to remove erroneous results. These QA/QC data aggregation procedures have been developed and automated by the Institute for efficiently checking performance across hundreds of thousands of modeling results.

Task 5 – Quantify uncertainty

This task will quantify uncertainties and biases. Individual hydrologic, hydraulic, and coastal hydrodynamic numerical models, even when calibrated and validated with (limited) historical data, have underlying uncertainties and potential biases in the inundation response. Uncertainties and biases result from input data, initial and boundary conditions, as well as the numerical representation of complicated physical flooding mechanisms that interact within zones subject to compound flooding. Random uncertainties (e.g., associated with tidal phasing relative to landfall timing) also have to be accounted for to accurately characterize flooding during tropical cyclones. One of the strengths of the probabilistic framework is the ability to incorporate these uncertainties and biases while preserving the probabilistic inundation response.



Task 6 – Develop statistical summaries of modeling results

The flood inundation results from the tropical and non-tropical storms events are combined to generate AEPs of the total compound flood hazard. This task performs that integration while preserving the disparate drivers, physical mechanisms and probabilities governing flooding from tropical cyclones and non-tropical events. The Institute will apply its pioneering methodology to propagate the joint probability of the storm conditions (as well as model uncertainties and biases) into the resulting probability of flood risk at different return intervals (e.g., 100-year event, etc.). The resulting analysis provides both a heatmap (i.e., the probability of flooding) from compounding flood processes (pluvial, fluvial and coastal), as well as the depth of flooding (rasters) at select return periods of interest (e.g., 50 percent/2-year, 20 percent/5-year, 10 percent/10-year, 1 percent/100-year, 0.2 percent/500-year). These results will be provided for multiple future climate change conditions identified in consultation with the city.

Task 7 – Conduct flood consequence and damage analysis

Hydrology and hydraulics models are responsible for simulating the way storms interact with the built environment physically, but there remains a question of how the physical effects translate into policy relevant outcomes, like the dollar valuation of damage to structures. Assessing the outcomes of a modeled storm is the domain of flood consequence models, which take representations of a flood hazard and translate them into outcomes that are meaningful for decision makers and planners. To address this need, the Institute team will next estimate the asset damage and other direct monetized consequences of flooding from the statistical summaries of compound flood risk developed in the previous task. This will entail:

- Assembling and updating the asset inventory with best available data (e.g., parcels, building footprints, first floor elevations).
- Updating the existing consequence modeling framework developed by the Institute in support of LWI and adding appropriate assumptions for compound flooding in Jacksonville.
- Evaluating flood damage and other direct flood consequences for all flood hazard scenarios considered and estimated in Tasks 1-6.
- Compiling results in summary datasets and developing a simple interactive dashboard for results display.

Task 8 - Update vulnerability assessment and resilience strategy implementation guidance

In this task, the Institute will update the analysis conducted in support of Jacksonville's Resilience Strategy and use the analysis results to inform the city's next steps in implementation and communication. Specifically, for this task we envision:

- Adding early outputs from the compound flood risk analysis to the consequence analysis conducted for the resilience strategy as timing allows.
- Summarizing compound flood risk outputs as specified in state resilience requirements.



- Adding additional compound flood scenarios to the AccelAdapt tool to support parcel-level analysis and resilience strategy implementation by city agencies.

Task 9 - Develop data and model catalog to support future project design and evaluation

To address common needs identified across multiple environmental modeling efforts, the Institute is currently developing the Environmental Data and Model Catalog (EnDMC). EnDMC is a web-based platform specifically designed to store models, configuration, simulation outputs, and related metadata in an organized and discoverable way.

EnDMC leverages an open-source data repository framework which is built on modern web application technology, has an active user base, and is trusted by multiple world-leading scientific institutions including Cern, Brookhaven National Laboratory, Caltech Library, and Northwestern University. The Institute and its partners are currently developing EnDMC and anticipate its availability in 2024.

In this task, the Institute would work with the city to implement EnDMC to allow for model and data access by city staff, contractors, and other relevant technical users. There are several options available for implementation, with hosting either on city infrastructure or in the cloud (managed by the city or the Institute). Costs for setup and ongoing maintenance and support will vary depending on the city's preferred approach.

Task 10 - Develop and operate a real-time flood forecasting system

The state of Louisiana has funded the Institute to manage and coordinate a program to design, develop, maintain, and operate the Louisiana Flood Forecast (LFF) system. The LFF system will support emergency management decision-makers tasked with responding to flood event-related emergencies. The system design is user-centric, informed by emergency manager-defined decision support needs.

The forecast system is designed to be extensible, both in terms of new capabilities/functionalities and geographic footprint. Though initially developed for Louisiana, the system was designed with the intention of expanding the geographic footprint of its application. This was done in large part at the request of funding partners in Louisiana such that emergency managers elsewhere can benefit from the initial system development.

In this task, the Institute would extend the LFF system to leverage the compound flood modeling for the City of Jacksonville. There are several options available for implementation, as well as ongoing operations. Costs for setup and operations will vary depending on the city's preferred approach.

Task 11 – Generate and transmit final deliverables

In this final task, the Institute will develop and transmit a series of deliverables for future city use. These can be summarized as follows:

- Compound flood present and future inundation maps



- GIS raster files of heatmaps showing the likelihood of flooding for corresponding return periods
- Maps of spatially explicit surfaces depths for a spectrum of return periods
- Detailed digital report
 - With report appendices
 - A digital archive of all data and metadata
 - Models, model output
 - Maps and scripts used/developed in the study
 - QA/QC reports for all the models and the models in aggregate
- Flood consequence analysis
 - Dataset of asset damage by structure/parcel (by return period and annual average)
 - Interactive dashboard with flood damage results
- Updated resilience planning analysis
 - Updated consequence analysis (as timing allows)
 - Report/outputs for state resilience requirements
 - Updated AccelAdapt with compound flood inputs
- EnDMC populated with Jacksonville data and compound flood models
- Jacksonville flood forecasting system

ADDITIONAL CONSIDERATIONS – TASKS 9 AND 10

Environmental Data and Model Catalog (EnDMC) (Task 9)

Overview

Many governments and other organizations encounter several acute challenges in managing the products of modeling developed internally or by external consultants and partners. These challenges include:

1. Establishing a centralized location for modelers to store and organize their deliverables.
2. Making models and outputs discoverable for future efforts to leverage and/or extend.
3. Persisting the relationship between model configuration and simulations such that model outputs can be replicated thereby enhancing confidence in data provenance and lineage.
4. Identifying updated model inputs (such as new elevation or meteorologic data) that could be used to update and improve simulations with minimal rework.



To address these common needs identified across multiple environmental modeling efforts, the Institute is developing EnDMC. EnDMC is a web-based platform specifically designed to store models, configuration, simulation outputs, and related metadata in an organized and discoverable way.

EnDMC leverages an open-source data repository framework, Invenio, which is built on modern web application technology, has an active user base, and is trusted by multiple world-leading scientific institutions including Cern, Brookhaven National Laboratory, Caltech Library, and Northwestern University. The Institute and its partners are currently developing EnDMC and anticipate its availability in 2024.

Implementation and O&M

Implementing, operating, and maintaining EnDMC for use in client deployments has several practical considerations that will influence the scope and fee. There are two primary patterns of implementation that are anticipated and are subject to modification as EnDMC development progresses.

Implementation Option 1: On client infrastructure/cloud

In this option, the Institute team will work with client IT to deploy EnDMC on a client server cluster or in a client-managed cloud service (such as Amazon Web Services (AWS) or Microsoft Azure). EnDMC is configured as a single Docker container for small implementations or as a Kubernetes deployment for higher-traffic multi-node deployments.

Through this pathway, the client is responsible for managing the IT infrastructure and/or cloud costs directly and has the most control over the deployment. Maintenance and updates from the Institute will be more complex than other implementation options in that the deployment will need to be coordinated with client IT and information security teams.

Implementation Option 2: Institute-hosted Instance

In this option, the Institute can provision the necessary infrastructure to deploy EnDMC within the Institute's cloud account and can pass the costs through to the client. In this pathway, operations and maintenance are greatly simplified in that the Institute can perform maintenance and updates directly onto the cloud infrastructure. Additionally, the Institute is in the process of establishing an Open Data Lake under AWS's Open Data Initiative which would provide storage and data egress at no charge, potentially saving a client tens of thousands of dollars per year.

While the maintenance and operation of EnDMC in this pathway is under Institute stewardship, the client has transparent access and administration over their instance. The data object store can easily be transferred to the client if desired to mitigate any concerns related to vendor lock.

Leveraging Modeling Products for Flood Forecasting (Task 10)

Overview

The state of Louisiana has funded the Institute to manage and coordinate a program to design, develop, maintain, and operate the Louisiana Flood Forecast (LFF) system. The LFF system will support



emergency management decision-makers tasked with responding to tropical storm-related emergencies. The system design is user-centric, informed by emergency manager-defined decision support needs.

The LFF development team is composed of meteorologists, coastal and inland watershed hydrologists, and civil hydraulic and coastal engineers with expertise in forecasting flood conditions, as well as software developers and user experience experts in interactive display of information. The LFF system is comprised of two primary components: 1) flood hazards prediction components driven by available meteorological forecast data and observational data (e.g., tide and river gauges) and 2) customized user interfaces co-designed with emergency management decision makers to inform actionable decision-making. The LFF system is structured to have the flexibility to evolve with needs of emergency managers. Additionally, the LFF system software development design is modular such that the system can incorporate scientific and technological advancements for future improvements to flood hazard predictions and/or custom design support tools.

In addition to the Institute, the LFF system development partners currently include Louisiana State University (LSU) Stephenson Disaster Management Institute (SDMI), University of North Carolina, University of Iowa, and the Pittsburg Supercomputing Center (PSC), a joint computational research center with Carnegie Mellon University and the University of Pittsburgh.

The LFF system contains six primary components (Figure 1), as well as a seventh system component which connects the six primary components together to create an automated flood forecasting and decision support system. An example of the flood extent, depth, and timing visualization feature for a forecast completed during Hurricane Ian (2022) is shown in Figure 2.

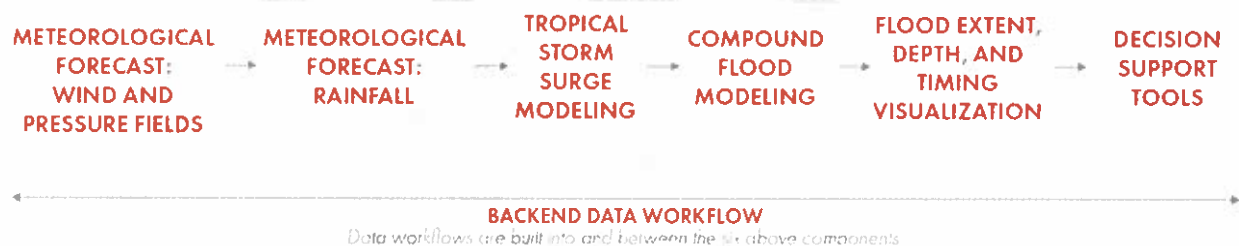


Figure 1: LFF System components and high-level workflow

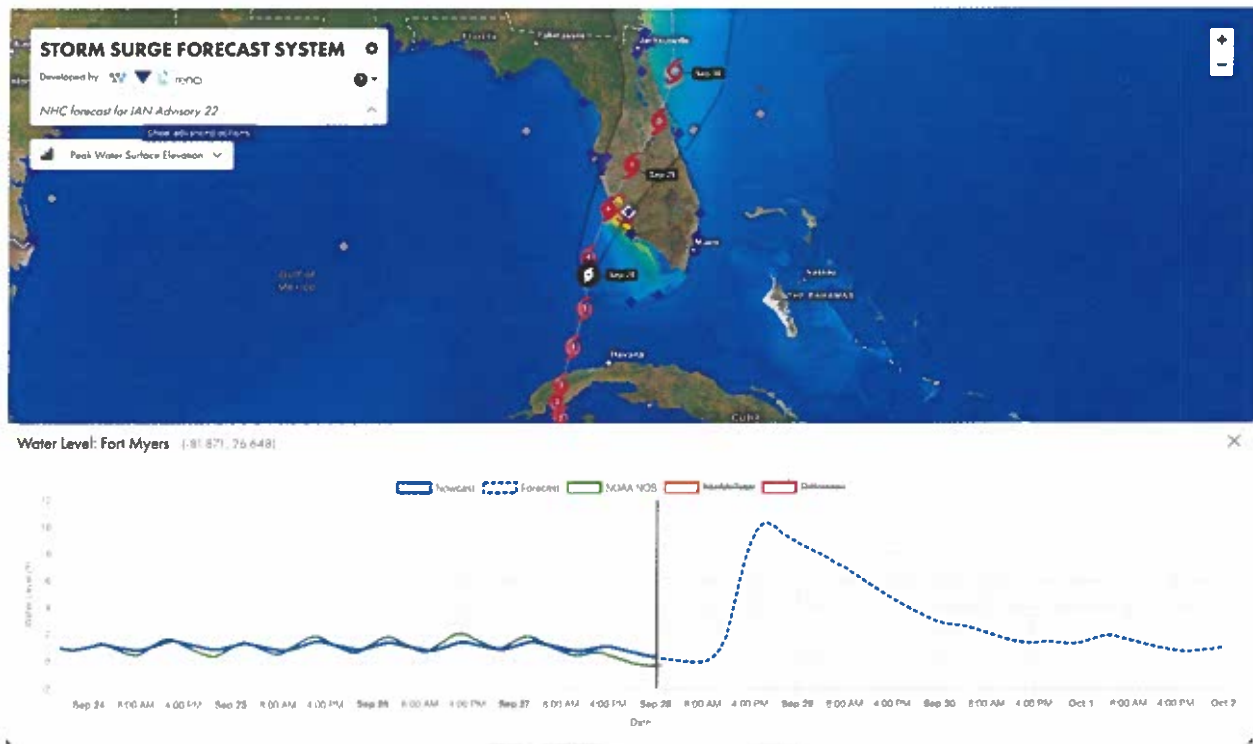


Figure 2. Beta version of the Louisiana Flood Forecasting System visualization dashboard

The forecast system is designed to be extensible, both in terms of new capabilities/functionalities and geographic footprint. Though initially developed for Louisiana, the system was designed with the intention of expanding the geographic footprint of its application. This was done in large part at the request of funding partners in Louisiana such that emergency managers elsewhere can benefit from the initial system development.

Implementation

To expand the flood forecasting system to Jacksonville, the following steps are necessary.

- Cataloging the compound flood model(s) from the flood study for automating the retrieval and running of the models in real-time.
 - The compound flood models built under Task 1 are expected to be applicable for real time forecasting purposes.
- Identification and Retrieval of the various FEMA and USACE storm surge models (e.g., ADCIRC models) that are both available in the region and suitable for real-time application in terms of accuracy and runtime. These models are expected to be relatively easy to update for forecasting purposes.
- Processing forecast data (e.g., rainfall) into derivative data required for forecasting purposes. For example, the long-term rainfall time series would be used to derive the soil moisture wetness that governs the intensity of pluvial flooding from rainfall.



- Integration of Jacksonville specific compound flood models into the flood forecasting model controller, including identifying locations to automatically extract data from observation stations or river forecast stations to inform the models at model boundaries.
- Evaluation of user needs to inform decision support tools. Stakeholder engagements are required to create the decision support tools of the automated system. For example, in the LFF system, custom decision support tools are in development to provide data necessary to assist emergency support functions related to H-Hour (when emergency management preparations shut down due to high winds or reconvene post storm), search and rescue, roadway inundation, critical infrastructure exposure and/or restricted access, and damages to buildings and contents (pre-storm and to support post-storm mitigation grants). Similar or additional dashboards may be relevant to Jacksonville and may require Jacksonville specific datasets for development.
- Decision support tool development and integration into the automated systems.

Operational Scenarios

System operations vary depending on whether the system would be deployed year-round or only for landfalling tropical storms and other major severe weather events. If the flood forecasting system is setup to operate year-round, it must include the necessary protocol to automate flood forecast simulations when tropical storm advisories are released. However, costs to operate vary significantly depending on whether staff supporting the system are on-call only during the periods leading up to possible landfalling tropical storm events or year-round.

Operations and Maintenance

There are multiple options for operating and maintaining a flood forecast system. Similar to EnDMC, there are two primary options. Note that experienced emergency managers, including meteorologists to guide decision making, are expected to be the users of the system.

Operations Option 1: City Operated or Subcontracted

In this option, city emergency management personnel or consultants that support the city can be trained in system use. Experienced numerical modelers and software developers would be required in order to operate the system, particularly if there are system issues during severe events such as hurricanes.

Operations Option 2: Institute Operated

In this option, Institute staff would work with city emergency management personnel to operate the system. Institute staff would ensure the automated system is active during severe events. If the system would be operated year-round, periodic system checks would be necessary.



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City of Jacksonville, Florida

Lenny Curry, Mayor

Procurement Division
www.coj.net

MEMORANDUM

April 11, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

FROM: Wendy Khan, Director of Operations
Office of Economic Development

THRU: Paul Crawford, Director of Business Development
Office of Economic Development

RE: Certification Letter for P-13-23 Contracts Management, Maintenance, and Caretaker Support for Cecil Commerce Center / Alliance Florida

Please take appropriate action to issue a Request for Proposal (RFP) for the referenced professional services.

The following information is furnished in accordance with chapter 126.302 of the City Ordinance Code.

1. The general purpose of the service is to provide caretaker support for Cecil Commerce Center / Alliance Florida.
2. The Objective of the service is to enter into a contract with an individual or firm who will provide the services detailed in the RFP.
3. The estimated period of time needed for the service will be from August 1, 2023 through September 30, 2026 with two (2) one-year contract renewal options.
4. The estimated cost of the service is \$2,322,860.00 for the initial contract period.
5. VT Griffin Services, Inc. has the current contract under P-09-18 Contracts Management, Maintenance, and Caretaker Support for Cecil Commerce Center / Alliance Florida.
6. The current contract for these services will expire on July 31, 2023 so entering into a contract that takes effect on August 1, 2023 will not duplicate prior or existing work.
7. City of Jacksonville staff does not have the expertise or the resources to provide the services requested in the RFP.



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City of Jacksonville, Florida

Lenny Curry, Mayor

Procurement Division
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8. A sub-committee composed of the following City of Jacksonville personnel are designated to review the responses to this RFP:
 - Paul Crawford, Director of Business Development, paulc@coj.net, 904-255-5446
 - Wendy Khan, Director of Operations, wkhan@coj.net, 904-255-5448
9. Funding for these services will be encumbered from account 11312-105102-531090-000000-00000296 at the time a Purchase Order(s) is issued.
10. The following firms should be notified upon approval of the PSEC committee to proceed with the solicitation:
 - VT Griffin Services, Inc., James Jelsma, James.Jelsma@VTGdefense.com
11. The individuals responsible for developing the scope of work and this certification letter, along with the subcommittee members assigned to this RFP, have read and understand the Procurement Administrative Code dated April 2022.
12. Three (3) weeks is believed to be sufficient time for interested parties to respond to this RFP.

I certify the contents of this memorandum are correct and true to the best of my knowledge.

Wendy Khan
Director of Operations

TITLE

Attachment: Request for Proposals
Risk Management approval (sent by email)
EBO approval

FIRE AND RESCUE DEPARTMENT



April 12, 2023

TO: Dustin Freeman, Chief of Procurement

FROM: Keith Powers, Director/Fire Chief

RE: **P-05-20 Laboratory Services for Jacksonville Fire & Rescue Department**

The Jacksonville Fire & Rescue Department (JFRD) is requesting approval for Amendment 3 exercising the final renewal option with Quest Diagnostics Clinical Laboratories, Inc. to provide laboratory services for JFRD personnel. The period of service will be from July 1, 2023 through June 30, 2024, with an estimated annual of \$50,000.00 for a total maximum indebtedness of \$250,000.00.

Funding Source: 00111.124001.531090.000000.000000.000000.000000

If you have any questions, please contact Dan Pearson at (904) 255-3265.

KP/dp



April 11, 2023

VIA EMAIL

City of Jacksonville, Jacksonville Fire & Rescue Department
2700 Firefighter Memorial Drive
Jacksonville, FL 32246
ATTN: Gail McCormick, Division Chief of Training
Email: gailm@coj.net

Re: The Agreement (Contract No. 70250-20) by and between Quest Diagnostics Clinical Laboratories, Inc. and City of Jacksonville dated July 1, 2020, (the "Agreement").

Dear Ms. Loput:

The purpose of this letter is to confirm that Quest Diagnostics is willing to continue providing Services, as defined in the Agreement, at the same terms and conditions for the final one (1) year renewal option of July 1, 2023, through June 30, 2024.

If you have questions or would like to discuss, please contact your sales representative.

Sincerely,

A handwritten signature in black ink that reads "Jorge Hernandez". The signature is written in a cursive style with a large, sweeping flourish at the end.

Jorge Hernandez
VP, Commercial, Southeast Region

Section 4
Description of Services and Deliverables

The Jacksonville Fire and Rescue Department (JFRD) are known as one of the nation's most progressive fire departments. As a department, we do a great job taking care of others, often at the expense of ourselves. Health-related injuries such as heart attack, stroke, and cancer continue to be leading causes of firefighter duty-related death. Per the National Fire Protection Association (NFPA 1582), fire departments are responsible for ensuring that fire service personnel can physically and mentally handle emergency incidents. Therefore, it is recommended that fire departments monitor and screen personnel annually through a comprehensive medical evaluation that includes bloodwork and urinalysis to ensure they are capable of safely performing the essential job functions.

A comprehensive medical evaluation aids in minimizing occupational health and safety risks while simultaneously improving job performance. Prior to reporting to a physician for an annual medical evaluation, uniformed personnel should have their blood drawn and urine sampled and analyzed at a designated laboratory site. Having the lab results available at the time of the physical examination will assist the health care provider in providing a more thorough examination and allowing the health care provider to address concerns based on the laboratory results. Tests, whether classified as screening or diagnostic, are essential in diagnosing and managing specific disease processes.

1. Blood analysis shall include the following for all members (Up to 1400 people)

Specifications:

- Complete Blood Count with differential
 - WBC
 - RBC
 - Hemoglobin
 - Hematocrit
 - MCV
 - MCH
 - MCHC
 - RDW
 - Platelet Count
 - MPV and Differential (Absolute and Percent Neutrophils, Lymphocytes, Monocytes, Eosinophils, and Basophils)
- Comprehensive Metabolic Panel
 - Albumin
 - Albumin/Globulin Ratio (calculated)
 - Alkaline Phosphatase
 - ALT
 - AST
 - BUN/Creatinine Ratio (calculated)
 - Calcium
 - Carbon Dioxide
 - Chloride
 - Creatinine with GFR Estimated
 - Globulin (calculated)
 - Glucose
 - Potassium
 - Sodium
 - Total Bilirubin
 - Total Protein
 - Urea Nitrogen
 - Hemoglobin A1C

- TSH Thyroid Test
 - Includes T3 Uptake
 - T4 (Thyroxine) Total
 - Free T4 Index (T7)
 - TSH
 - Lipid Panel
 - Cholesterol Total
 - Triglycerides
 - HDL Cholesterol
 - LDL-Cholesterol (calculated)
 - Cholesterol/HDL Ratio (calculated)
 - Non-HDL Cholesterol (calculated)
 - Prostate Specific Antigen (PSA) Total (men only)
 - CA 125 (women only)
2. **Heavy Metal Screening (For HazMat Personnel Only - approximately 150 people in addition to the lab tests requested/listed in category 1)**
 - Mercury
 - Arsenic
 - Lead
 - Acetylcholinesterase/Serum Cholinesterase
 3. **Urine Laboratory tests required shall include the following (Approximately 250 people)**
Microscopic Specifications:
 - a. RBC
 - b. WBC
 - c. Casts
 - d. RBC Casts
 - e. Crystals
 4. **The contractor must maintain records in the company database for a period of 5 years**
 5. **The contractor must have multiple drop-off location sites available between the hours of 7 am and 3 pm within Duval County.**
 6. **The contractor must process all specimens in Duval County and provide results to the JFRD Wellness Coordinator within 3 business days of receipt.**
 7. **The contractor must provide laboratory test results by mail and or internet/electronic transmission (HIPAA protected). Report will include at least the following: patient name, date of birth, date of collection, patient identification number, date of report, name of test, test results, interpretation of results, and laboratory name and address.**
 8. **Unsatisfactory specimens and unsatisfactory results - If the laboratory cannot analyze a specimen because of improper collection or degradation in process, or is unable to obtain satisfactory test results, the laboratory will notify the JFRD Wellness Coordinator. The laboratory will only charge for those specimens on which it is able to obtain a satisfactory result.**
 9. **The contractor must be capable of performing blood analysis that includes complete blood count with differential, comprehensive metabolic panel, hemoglobin A1C, TSH Thyroid Test, Lipid panel, heavy metal screening, and urinalysis**
 10. **The contractor must provide at no additional cost, routine supplies necessary for the collection, preparation and preservation of specimens, including the supplies necessary for storing and transporting the specimens to be tested.**
 11. **The contractor must provide patient labels to be used to send the specimens.**

12. The contractor must report critical lab results to the JFRD Wellness Coordinator via phone or email within 24 hours.
13. The contractor must provide a name and direct phone number of the designated employee(s) who will act as the point of contact(s) for any customer service or laboratory related issues.
14. The contractor must maintain compliance with all CLIA rules and regulations.

(End of Section 4 - Remainder of page intentionally left blank)

Form 1 - Price Sheet

NAME OF CONSULTANT Quest Diagnostics Clinical Laboratories, Inc.

Proposal Number P-05-20 Laboratory Services for Jacksonville Fire and Rescue Department Personnel

SCHEDULE OF PROPOSED PRICES/RATES

All prices are to be Flat Fee per Items listed in Section # 4 - Services & Deliverables

1. Flat Fee for Item # 1 Blood Analysis excluding A & B below: \$14.09
 - a) Flat Fee for Prostate Specific Antigen (PSA) Total for men only: \$3.71
 - b) Flat Fee for CA 125 for women only: \$8.00
2. Flat Fee for Item # 2 Heavy Metal Screening: \$46.92
3. Flat Fee for Item # 3 Urine Laboratory Testing: \$3.80
4. Other Cost related to testing: Not Applicable

* Unsatisfactory specimens and unsatisfactory results - if the laboratory cannot analyze a specimen because of improper collection or degradation in process or is unable to obtain satisfactory test results, the laboratory will notify the JFRD Wellness Coordinator. The laboratory will only charge for those specimens on which it is able to obtain a satisfactory result.

Quest Diagnostics Clinical Laboratories, Inc.

BY: 

Print Name: Jorge Hernandez

Title: VP, Commercial, Southeast-South Region

Date: 11/25/19



August 23, 2021

VIA EMAIL

City of Jacksonville, Jacksonville Fire & Rescue Department
2700 Firefighter Memorial Drive
Jacksonville, FL 32246
ATTN: Gail Loput, Division Chief of Training
Email: glopul@coj.net


Re: The Agreement by and between Quest Diagnostics Clinical Laboratories, Inc. and City of Jacksonville dated July 1, 2020, (the "Agreement").

Dear Ms. Loput:

The purpose of this letter is to confirm that Quest Diagnostics is willing to continue providing Services, as defined in the Agreement, at the same rates and terms and conditions for an additional one (1) year term from July 1, 2021, through June 30, 2022.

If you have questions or would like to discuss, please contact your sales representative.

Sincerely,

DocuSigned by:

D0E414E3A2E0CFE9

Jorge Hernandez
VP, Commercial, Southeast-South Region

Revised April 2021



City of Jacksonville, Florida

Lenny Curry, Mayor

Procurement Division
Ed Ball Building
214 N. Hogan Street, Suite 800
Jacksonville, Florida 32202

ONE CITY ONE JACKSONVILLE

January 16, 2020

The Honorable Lenny Curry, Mayor
City of Jacksonville
4th Floor, 51. James Building
Jacksonville, FL 32202

Dear Mayor Curry

Re: P-05-20 Laboratory Services for Jacksonville Fire and Rescue Department Personnel
Jacksonville Fire & Rescue Department


The Professional Services Evaluation Committee met today in Board Room 851 on the eighth floor of the Ed Ball Building, for the purpose of concluding fee and contract negotiations with the number one ranked company/firm for the above captioned project.

The following motion/recommendation was adopted:

That the City of Jacksonville enter into a contract with Quest Diagnostics Clinic to Provide Laboratory Services for the Jacksonville Fire and Rescue Department Personnel by (i) incorporating the attached Scope of Services identified as Exhibit 'A' and Contract Fee Schedule identified as Exhibit 'B'; (ii) provide a period of service from execution of the contract to one year with three (3) one year renewal options available at terms mutually agreeable, and (iii) providing a not-to-exceed maximum indebtedness of \$123,000.00. All other terms and conditions are per the RFP and the City's standard contract language

If the foregoing meets your approval, we respectfully request your signature and return to my office

Respectfully submitted,


Gregory Peace, Chief
Procurement Division
Chairman, Professional Services
Evaluation Committee

APPROVED


Lenny Curry, Mayor

This 16 day of January 2020

GP:ob
cc: Council Auditor
James McCain, Jr., CGC
Melba Gray, GAD
Subcommittee Member

FIRE AND RESCUE DEPARTMENT



January 12, 2020

TO: Gregory Pease, Chief of Procurement

FROM: Bradley Elias, MD - JFRD *Bradley Elias M.D.*
Erika McManus, Captain JFRD *Erika McManus*

RE: P-05-20 Laboratory Services for Jacksonville Fire and Rescue Department Personnel

The Fire & Rescue Department had one consultant submit a proposal and they have been selected to provide the Laboratory Services for Jacksonville Fire and Rescue Department (JFRD) per the Scope of Services and Contract Fee Schedule.

We are recommending the City of Jacksonville, Fire & Rescue Department enter into a contract with Quest Diagnostics Clinic to provide the Laboratory Services for JFRD to incorporate the Scope of Services identified as Exhibit A and Fee Schedule as Exhibit B. The initial contract period will be for one year from date of execution of contract with three (3) one-year renewals at terms mutually agreeable. The maximum indebtedness is not-to-exceed \$123,000. This agreement will cross fiscal years so the indebtedness will not be encumbered and purchase orders will be used for the services needed. All other terms and conditions of the Contract are per the City's standard contract language and as provided in the Request for Proposal.

Attachments

cc: Alex Baker, PSEC Specialist





City of Jacksonville, Florida

Lenny Curry, Mayor

Procurement Division
Ed Ball Building
214 N. Hogan Street, Suite 800
Jacksonville, Florida 32202

ONE CITY. ONE JACKSONVILLE.

June 2, 2022

The Honorable Lenny Curry, Mayor
City of Jacksonville
4th Floor, St. James Building
Jacksonville, FL 32202

Dear Mayor Curry:

Ref: P-05-20 Laboratory Services for JFRD (Amendment No. 2)
Jacksonville Fire and Rescue Department

The Professional Services Evaluation Committee met today in Board Room 851 on the eighth floor of the Ed Ball Building, for the purpose of amending the above referenced contract.

The following motion/recommendation was adopted:

That Contract No. 70250-20 between the City of Jacksonville and Quest Diagnostics Clinical Laboratories, Inc., for Laboratory Services for Jacksonville Fire and Rescue Department be amended to exercise the second renewal option extending the period of service from July 1, 2022, through June 30, 2023, with one (1) renewal option remaining; increase the maximum indebtedness by \$77,000.00 to a new not-to-exceed amount of \$200,000.00. All other terms and conditions shall remain the same except for such changes as the Office of General Counsel may deem appropriate to ensure compliance with the City's ordinances, Procurement policies and procedures and applicable federal and state laws.

If the foregoing meets your approval, we respectfully request your signature and return to my office.

Respectfully submitted,

Gregory Reese
Gregory Reese, Chief
Procurement Division
Chairman, Professional Services
Evaluation Committee

APPROVED:

Lenny Curry
Lenny Curry, Mayor

This 3rd day of June, 2022

GP ab

cc Council Auditor
James McCann, Jr. OGC
Subcommittee Members

Thomas H. Hayes
City of Jacksonville
City of Jacksonville
City of Jacksonville
City of Jacksonville

Contract Purchase Agreement POA-70250-20 Change Order 2



Agreement	POA-70250-20
Agreement Date	14-JUL-2020
Change Order	2
Change Order Date	03-JUN-2022
Revision	2
Agreement Amount	200,000.00 USD
Selection Number	P-05-20

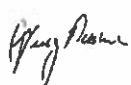
Sold To **City of Jacksonville**
117 West Duval Street
Suite 375
JACKSONVILLE, FL 32202
US

Supplier **Quest Diagnostics Clinical Laboratories, Inc.**
500 Plaza Drive
SECAUCUS, NEW JERSEY 07094

Notes C/O to extend POS to 6/30/23 & increase max by \$77,000.00 Amd #2

Quantity	Payment Terms	Freight Terms	Incoterms	Shipping Method
26593	Net 30	Freight Prepaid	FOB Destination	Best Way
Start Date	End Date	Contact To		
12-Jul-2020	29-Jun-2023	Alexandria Baker abaker@coj.net Phone 904-2658830		

DRAFT

This Order is subject to the General conditions attached here to. Manufacturer's Federal excise tax exempt no 59-89-0120K Florida State sales and use tax exemption no. 85-8012621607C-8	Approved by Gregory Pease, Chief Procurement Division <div style="text-align: right; margin-top: 20px;">  </div>
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70250-20
AMD#2

**SECOND AMENDMENT TO CONTRACT
BETWEEN
CITY OF JACKSONVILLE
AND
QUEST DIAGNOSTICS CLINICAL LABORATORIES, INC.
FOR
LABORATORY SERVICES FOR JFRD**

THIS SECOND AMENDMENT to Contract for laboratory services for the Jacksonville Fire and Rescue Department is made and entered into this 21st day of July, 2022, by and between

the **CITY OF JACKSONVILLE**, a consolidated municipal corporation and political subdivision existing under the Constitution and the laws of the State of Florida (the "City"), and **QUEST DIAGNOSTICS CLINICAL LABORATORIES, INC.**, a foreign profit corporation with its principal office at 500 Plaza Drive, Secaucus, New Jersey 07094 (the "Contractor").

WHEREAS, on July 1, 2020, City and Contractor made and entered into City of Jacksonville Contract No. 70250-20 (the "Contract"); and

WHEREAS, from July 1, 2022, through the day and year first above written, the parties have worked together continuously and without interruption; and

WHEREAS, said Contract has been amended once previously; and

WHEREAS, said Contract should be amended further by accepting, adopting, and ratifying all actions of the parties under said Contract from July 1, 2022, through the day and year first above written, by increasing the maximum indebtedness by \$77,000.00 to a new total maximum indebtedness not to exceed \$200,000.00, and by exercising the second of three (3) one-year renewal options so as to extend the period of service through June 30, 2023, with one (1) one-year renewal option remaining, with all other provisions, terms, and conditions of said Contract remaining unchanged; now therefore

IN CONSIDERATION of the premises and of the mutual covenants and agreements hereinafter contained, and of other good and valuable consideration acknowledged by the parties to be sufficient, the parties agree to amend said Contract as follows:

1. The above-stated recitals are accurate, true, and correct and are incorporated herein and made a part hereof by this reference.

2. All actions of the parties under the provisions, terms, and conditions of said Contract from July 1, 2022, through the day and year first above written are accepted, adopted, and ratified.

3. Section 3 of said Contract is amended by increasing the maximum indebtedness by \$77,000.00 to a new total maximum indebtedness not to exceed \$200,000.00, and as amended shall read as follows:

"3. **Maximum Indebtedness.** As required by Section 106.431, *Ordinance Code*, City's maximum indebtedness for the Services under this Contract for the period of service shall be a fixed monetary amount not to exceed TWO HUNDRED THOUSAND AND 00/100 DOLLARS (\$200,000.00)."

4. Section 4 of said Contract is amended by exercising the second of three (3) one-year renewal options so as to extend the period of service through June 30, 2023, with one (1) one-year renewal option remaining, and as amended shall read as follows:

"4. Term. The period of service of this Contract shall commence on the date of its execution and continue for three years through June 30, 2023, with one (1) one-year renewal option remaining on terms mutually agreeable to the parties."

SAVE AND EXCEPT as expressly amended in and by this instrument, the provisions, terms, and conditions of said Contract, as previously amended, shall remain unchanged and shall continue in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Second Amendment as of the day and year first above written.

ATTEST:

By:

John C. Sawyer, Jr.
John C. Sawyer, Jr.
Corporation Secretary



CITY OF JACKSONVILLE

By:

Lenny Curry
Lenny Curry
Mayor
Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02

WITNESS:

By:

DocuSigned by:
Authorized Signer
Signature

Authorized Signer

Type/Print Name

Chief of Training 7/25/2022 | 5:48 AM PDT

Title

By:

DocuSigned by:
Alan Myers
Signature

Alan Myers

Type/Print Name

Vice President General Manager - Southeast Region 7/22/2022 | 1:19 PM PDT

Title


Encumbrance and funding information for internal City use:

Account:.....
Amount:..... \$77,000.00

Total Maximum Indebtedness: \$200,000.00

This above-stated amount is the maximum fixed monetary amount of the foregoing contract.

In accordance with Section 24.103(e), *Ordinance Code*, I do hereby certify that there is an unexpended, unencumbered, and unimpounded balance in the appropriation sufficient to cover the foregoing agreement.



Director of Finance
City Contract #70250-20 *Amend. #2*

Form Approve:



Office of General Counsel



CERTIFICATE OF SECRETARY

I, William J. O'Shaughnessy, Jr., Secretary of Quest Diagnostics Clinical Laboratories, Inc. a corporation organized under the laws of the State of Delaware (the "Company"), do hereby certify that the individuals whose names appear below are authorized in the name and on behalf of the Company, pursuant to the resolutions attached hereto as Annex A, such resolutions being a true and complete copy of the resolutions adopted by written consent of the Board of Directors of the Company on October 16, 2018, which resolutions are in full force and effect as of the date hereof, to obtain business license permits, utility account applications, or other required permits necessary to open businesses in the State of Florida, in the name of Company and to enter into, execute and deliver any other documents in connection therewith.

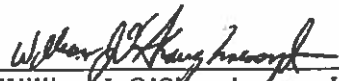
Name

Alan Myers

Title

Vice President and General Manager
Quest Diagnostics Incorporated

IN WITNESS WHEREOF, I have hereunto set my hand this 2nd day of August, 2022.



William J. O'Shaughnessy, Jr.
Secretary

Annex A

Confer Authority to Execute and Deliver Documents and Agreements

RESOLVED, that:

- (i) each Executive Vice President, each Senior Vice President and each Vice President of Quest Diagnostics Incorporated (Delaware) (the "Parent"), and
- (ii) each person elected Executive Vice President, Senior Vice President or Vice President of the Parent after the date hereof, and
- (iii) each person who may be authorized, now or hereafter, by the Chief Executive Officer of Parent, to sign documents and agreements on behalf of the Parent

shall have and possess the authority to execute and deliver documents and agreements on behalf of the Company, to the same extent, and using the same title that the person holds in the Parent, as if the person were an officer of the Company; and

FURTHER RESOLVED, that the authority conferred hereby shall remain in effect until such time that the person having authority conferred hereby ceases to be an officer of the Parent, ceases to be authorized by the Chief Executive Officer to sign documents and agreements on behalf of Parent, or is no longer employed by the Parent or any subsidiary thereof. When the person ceases to be an officer of the Parent, ceases to be authorized by the Chief Executive Officer to sign documents and agreements on behalf of Parent, or is no longer employed by the Parent or any subsidiary thereof, the authority conferred hereby shall pass to the person's successor in office and no new resolution conferring authority shall be required to confer authority upon that successor.

FURTHER RESOLVED, that any all actions taken by any of the authorized persons regarding the foregoing resolutions are hereby ratified, confirmed and approved.



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE.

April 12, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director of Public Works *Steven D. Long, Jr.*

FROM: Will Williams *Will Williams*
Director of Operations

Robin G. Smith, P. E. *RGS*
Chief, Engineering and Construction Management Division

RE: P-19-20 Professional Engineering Services for Eastport Road from Pulaski Road to Zoo Parkway

The Engineering Division has negotiated with the consultant selected for Professional Engineering Services for Eastport Road from Pulaski Road to Zoo Parkway resulting in the Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B, attached. JSEB firms to be utilized to meet the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with Casseaux, Hewett & Watpole, Inc. d/b/a CHW for Professional Engineering Services for Eastport Road from Pulaski Road to Zoo Parkway that includes the attached Scope of Services, Exhibit A and Fee Schedule, Exhibit B, to provide a lump sum amount for Design Services in the amount of \$1,704,737.08 and not to exceed limits for: Environmental in the amount of \$24,486.47, Geotechnical in the amount of \$103,168.28, Traffic Control in the amount of \$425,544.70, Signalization in the amount of \$298,327.19, Title Work in the amount of \$10,000.00 SUE Services in the amount of \$60,000.00 Traffic Counts in the amount of \$2,000.00 and Contingency Services in the amount of \$100,000.00, with a maximum indebtedness to the City in the amount of \$2,728,263.72 and with an expiration date of Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

Funding for this project is as follows:

ACCOUNTS:	
32111.153101.565040.010204.00000000.00000.0000000	
TOTAL	\$2,728,263.72

SDL/lw

Attachment: Exhibits A& B
JSEB Participation

cc: Lori West, Engineering and Construction Management
John Baxter, P.E., Engineering and Construction Management

SCOPE OF SERVICES
FOR ENGINEERING SERVICES FOR FINAL DESIGN
EASTPORT ROAD WIDENING FROM PULASKI TO ZOO PARKWAY
CITY OF JACKSONVILLE, FLORIDA

I. SCOPE OF PROJECT

- A. The intent of the project is to furnish final design services for the Eastport Road widening from Zoo Parkway to Pulaski Road (“PROJECT”)
- B. The PROJECT will be designed in accordance with recommendations by the City of Jacksonville (City).
- C. The PROJECT area consists of approximately 1.95 miles of Eastport Road bounded by Pulaski to the North and Zoo Parkway to the South in Jacksonville, Florida, plus additional areas beyond the Eastport right-of-way for stormwater ponds and additional required improvements. The PROJECT also includes a shared-use path on one side of the roadway, with a 6 foot wide sidewalk on the other side of the roadway. The trail will be designed to coordinate with the planned shared-use trail on Kraft Road.
- D. It is intended that Consultant's services will result in all drawings, specifications, permits, and other documents needed for the City to acquire necessary right-of-way, adjust utilities, seek bids, and contract for construction of the project.
- E. Consultant's services on the project shall be in two (2) phases, (1) Final Design, and (2) Post Design, with separate negotiation and fee for each phase. This agreement is for the Final Design. Post Design services will be negotiated at a later date.
- F. Work during the design phase will concentrate, in order, on:
 - 1. Prepare Preliminary Design which includes Data Collection, Preliminary 30% Plans, and Pond Siting Report.
 - 2. Prepare presentation materials and assist the City in presenting the proposed work at a Town Meeting and respond to any concerns related to the project. Graphics to be included on COJ Website.
 - 3. Prepare final design and construction plans, specifications, opinion of probable cost, quantity calculations, and other issues related to the construction of this project.
 - 4. Assist the City in acquiring permits that will be required to accomplish the construction of the project.

II. DESIGN SERVICES

- A. Preliminary Design:
 - 1. Data Collection
 - a. Survey Control and Preliminary Topographic Survey
 - b. Preliminary Geotechnical Services

- c. Preliminary Environmental Assessments Wetland Services
 - d. Traffic Data Collection & Analysis for Intersection treatments at Pulaski and Faye Road.
2. Prepare Initial Pond Siting Report to determine the type and sizing and location of stormwater treatment facilities and associated costs. Pond Siting shall include a minimum of two alternative treatment options in each of the basin locations to satisfy ERP permitting requirements for treatment and attenuation. A pre-application meeting with the SJRWMD shall be included to verify acceptance of the preferred pond site.
 3. Consultant shall provide a project layout (prior to but not later than 30% plans) showing the project concept on an aerial of the area, pavement edge or curb line, corridor center line, and general stormwater flow lines. The project layout will be based on the best information available at the stage of design at the time of the project layout document production. The document will be provided in digital form.
 4. Consultant shall prepare 30% complete construction plans and preliminary 3D design files.
 5. Consultant shall prepare an Opinion of Probable Construction Cost (OPCC).
- B. Final Design:

The consultant shall, based on the approved preliminary drawings, prepare for incorporation in the Contract Documents detailed construction drawings, 3D design files and specifications to show the work to be performed by contractors on the project. Drawings with OPCCs and supporting documents will be submitted for review and approved by the City at 60%, 90%, and 100% completion stages. Any changes, refinements, or modifications, which may be required after each review, shall be completed by the Consultant and submitted to the City for approval at the next completion stage. Additionally, the consultant will provide the City with all necessary specialty services including but not limited to:

- Final Topographic Survey
- Topographic Pond Surveys
- Subsurface Utility Exploration
- Final Geotechnical Services
- Final Environmental Assessments Wetland Services

The Consultant shall advise the City of any adjustment of the opinion of probable cost for the Project caused by changes in scope, design requirements, construction costs or other matters and furnish a revised opinion of probable cost for the Project based on such.

The Consultant will prepare plans and permit applications related to all required permits. The Consultant will assist the City in negotiations and communications required during the processing of these permits.

The scope and fee are all inclusive of services need to complete the project design for the Eastport Road Widening between Pulaski Road and Zoe Parkway, as described in the project documents and as directed by the City of Jacksonville.

III. PROJECT REQUIREMENTS

A. Design Requirements:

1. Drainage recommendations shall be based on the City Standard Specifications and Details, the Land Development Procedures Manual, the Master Stormwater Management Plan, and the

regulations and policies of applicable permitting agencies.

2. Any roadway designed as part of this drainage project shall be based on the "Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, State of Florida" (also known as the *Florida Greenbook*), Latest Edition; the current edition of the "City Standards" and the "Land Development Procedures Manual"; Florida Department of Transportation Roadway and Traffic Standards; and the American Association of State Highway and Transportation Officials Policies and Guidelines. All roadway designs and roadway impacts due to construction shall include maintenance of traffic (MOT) design and plans for all phases of construction.
3. The Consultant shall include utility adjustment plans which show the anticipated adjustments and relocations of existing or future facilities which may be owned or operated by JEA, AT&T, Comcast, Teco/Peoples Gas System, or other public and private utilities. Adjustments and relocations will be defined by each of the respective utilities and shall be provided to the Consultant to be included in the utility adjustment plans.
4. The Design shall include a full consideration of the provisions of Part 12 of the Zoning code (Landscape and Tree Protection). A tree survey will be necessary to comply with the same. The Final design shall provide for retaining existing trees to the maximum practical extent, as well as protecting them during construction.
5. These services shall include additional survey for design, determining the need for right- of-way and/or easements; preparing legal descriptions for all required land acquisitions. Provision of specific parcel boundary surveys is not included in this scope.
6. The Consultant shall design and prepare contract documents for the construction of the project to include outfalls, drainage ponds, and sedimentation and erosion control. These improvements shall be designed to minimize, as much as possible, both right- of-way and easement acquisition and impacts to protected trees and wetlands beyond those indicated in the Preliminary Design Plans.
7. The Consultant shall attend and assist in two Public Information Meetings. The first prior to 60% plans and the second prior to construction, if requested by the Project Manager. Materials required for this meeting shall be limited to four (4) foam board mounted drawings (no larger than 24"x36") printed in color and two (2) color handouts (no larger than 11"x17"). The public involvement plan may be modified in response to COVID 19 procedures.
8. The Consultant shall participate in a project walk-through after submitting the 60% Plan review.
9. The Consultant shall attend and assist in one Pre-Construction Public Information Meeting (Post Design Activity).

B. Project Specific Requirements:

1. Baseline Control - The Consultant shall establish control lines relative to the existing right-of-way, with all ground control points referenced to State Plane Coordinates, NAD83 for future use.
2. Bench Levels - Vertical control for the project will originate from existing benchmarks and will loop through the project, with a minimum of 5 benchmarks established. Benchmarks will also be referenced to facilitate re-establishment at a future date. Vertical control is to be referenced to NAVD88.
3. Topography - The Consultant shall acquire additional topography as required throughout the project length. All buildings within 50 feet of the proposed right-of- way lines shall be located and shown along with street addresses, and existing topographic data within 25 feet beyond the proposed right-of-way including, but not limited to, trees, fences, wells, drainage structures, walls

or other fixed structures, and other appurtenances which may affect the design of the project.

4. Mapping - On site mapping will be produced on plan sheets at a scale of 1 inch= 20 feet, including side street information. Begin mapping 100 feet west of the Pulaski/Eastport Intersection, and continue along Eastport to the intersection with Zoo Parkway, including the Eastport Road/Zoo Parkway intersection for 500 feet on either side of the intersection. In addition, mapping of Faye Road for 500 feet east along its ROW including the triangle created by Faye and Eastport for purposes of addressing the intersection alignment. Recover and establish existing Right of Way along the entire corridor. No title work will be done.
5. Legal Descriptions of taking (per ownership) shall be provided for all right-of-way takings and easements. A maximum of twenty-five (25) Legal Descriptions are anticipated. Legal Descriptions will be provided at the 90% phase with the approved Right of Way Plans.
6. Subsurface Utility Locates
 - a. Designate to Quality Level B underground utilities within project limits (Begin at Pulaski and ending at Zoo Parkway)
 - b. We anticipate there are water, sewer, gas and potentially fiber, telephone cable, and similar telecom unknown subsurface utility along the project corridor.
 - c. Provide locates at identified conflicts within the project limits up to 200 soft digs as requested by the project engineer.
 - d. Provide survey information for utility designation and locates.
 - e. Utility research and coordination.
7. Geotechnical - The geotechnical exploration will consist of field exploratory borings, laboratory testing, and a geotechnical analysis of the collected data. All geotechnical work will be in general accordance with FDOT Standards, the Soils and Foundations Handbook, related directives, Federal Highway Administration Checklist and Guidelines for review of Geotechnical Reports and Preliminary Plans and Specifications, F.H.W.A. Work Zone Traffic Control Practices Manual.
 - a. Field Exploration: The proposed exploration will consist of geotechnical studies and the collection of subsurface data as follows:

Roadway – A total of 81 auger borings will be performed to a depth of 5 feet at 100 feet spacing with a total of 21 auger borings placed every 500 feet and drilled to a depth of 20 feet each. In areas that have significant organic materials (i.e., muck); these areas will be delineated with a total of 10 additional auger borings drilled to a depth of 5 feet each. Soil samples for laboratory soil testing will be obtained on a frequency of three samples per stratum per mile. Soil samples for pipe corrosion testing will be obtained on a frequency of one sample per 1,500 feet of alignment. Additionally, samples will be collected from the existing subgrade soils at a frequency of one sample for every 2,500 feet of alignment and tested for the design Lime Rock Bearing Ratio (LBR) value. A total of 21 pavement cores will be taken from the existing roadway for determination of the existing pavement system thickness. Work will also include review of the encountered groundwater levels and estimation of the seasonal high groundwater levels as well as delineation of limits of unsuitable material(s).

Sufficient testing will be performed on soils recovered from the borings for classification purposes. Representative soil samples will also be obtained for pipe corrosion testing. Work will also include review of the encountered groundwater levels and estimation of the seasonal high groundwater levels.

Ponds - The proposed stormwater management ponds will be explored by means of Standard Penetration Test (SPT) borings with continuous sampling which will extend to a depth of 20 feet at a frequency of three borings per one acre of stormwater pond. In addition, the ponds will be tested for environmental classification testing. Sufficient testing will be performed on soils recovered from the pond.

Soil samples will be classified, containerized, and marked in the field and returned to the laboratory for visual inspection and classification by the geotechnical engineer using the AASHTO and the Unified Soil Classification System.

- b. Laboratory Testing - Routine laboratory testing will be conducted on representative soil samples to determine classification, and aggressiveness. Laboratory classification and index soil tests will be performed as necessary on selected soil samples obtained from the exploration. Specific tests to be performed are Organic Content, Moisture Content, Percent Fines, Grain Size Analysis, Plastic Limit, Liquid Limit, Environmental/Corrosion Testing, and LBR testing.
 - c. Engineering/Support Services - A geotechnical engineer, registered in the State of Florida, will direct the geotechnical exploration, and provide a presentation of the site and subsurface conditions with respect to the planned construction. The results of the exploration will be presented in reports containing the following:
 - A brief discussion of the planned construction.
 - A graphical representation of the subsurface conditions encountered as well as the existing on-site conditions, such as topography, surface vegetation, encountered and seasonal high-water tables, etc., as they relate to the planned construction.
 - Copies of U.S.G.S. and S.C.S. maps with project limits shown.
 - A report of tests sheet that summarizes the laboratory test results, the soil stratification (i.e., soils grouped into layers of similar materials) and construction recommendations relative to Standards.
 - An appendix that contains stratified soil boring profiles, laboratory test data sheets, and other pertinent calculations.
 - Written discussion of the subsurface conditions encountered.
 - Evaluation of the subsurface soils and recommendations concerning the suitability of the subsurface soils for support of the planned roadway.
 - Evaluation of pond material and the existing subgrade soils for roadway construction.
 - Recommendations for the required site preparation and earthwork construction.
8. **Railroad** – The roadway designer will coordinate with the City, Railroad Company, and Railroad crossing Engineer during all phases of design deliverables and in conjunction with the TTCP/MOT. Design responsibilities may be based on any contractual agreements and ownership rights of the crossing and railroad right of way. At the very least, this scope project will result in a design of the roadway up to the railroad tracks at the current crossing location. The railroad company, City, or designated consultant shall design the grade crossing and the necessary signal modifications. If a designated consultant is chosen, the City will be responsible for reimbursing the railroad company directly for the design and project management for the crossing and signal design. If the designated consultant is CHW, scope clarification, and fee may be required, The City may elect to use the contracted project contingency.

C. Project Submittal Requirements:

1. Cross Section & Alignment Package/Concept: Up to five (5) sets of half-size (11" x 17") preliminary drawings and one (1) CD or flash drive of PDF plan sets shall be furnished to addressees stipulated by the Project Manager at the completion of this phase.
 - a. Establish and draft Typical Sections.

- b. Establish Pertinent Traffic Data and place the information on typical sections.
 - c. Pavement Design.
 - d. Document all relevant design standards.
 - e. Document all adjacent property owners along the corridor and map them.
 - f. Establish the initial project alignment and conceptual R/W needs and provide a layout sheet for ease of illustrating improvements to the public.
 - g. Provide a conceptual cost estimate.
 - h. Initial Coordination with agencies including Traffic Engineering, Development Services, Railroad, and Environmental agencies.
 - i. Coordinate Geotechnical, Survey, and Environmental surveys prior to and with this deliverable.
2. Traffic Data & Intersection Analysis
- a. Data Collection at Eastport & Faye Road including obtaining relevant existing counts, establishing turning movements, and obtaining crash data.
 - b. Data Collection at Eastport & Pulaski Road including obtaining relevant existing counts, establishing turning movements, and obtaining crash data.
 - c. Data Collection at Eastport & Zoo Parkway, including obtaining relevant existing counts, establishing turning movements, and obtaining crash data.
 - d. Perform a traffic signal warrant with report at Eastport and Pulaski Road
 - e. Perform a traffic signal warrant analysis and Intersection Study with report at Eastport and Faye Road to determine the most appropriate intersection treatment including ICE, roundabout, etc.
 - f. Perform a traffic signal warrant analysis and Intersection Study with report at Eastport and Zoo Parkway to determine the most appropriate intersection treatment including ICE, roundabout, etc.
3. Preliminary Design (30% Design Submittal): Up to five (5) sets of half-size (11" x 17") preliminary drawings, and one (1) CD or flash drive of PDF plan sets shall be furnished to addressees stipulated by the Project Manager at the completion of this phase. These drawings shall be marked up by the agencies involved and returned for inclusion in follow-on design work. Each agency's mark- up shall be returned with the next design submittal, showing the Consultant's response to each agency comment. Documents shall include the following items, as a minimum in addition to the preliminary 3D design:
- a. Key Sheet including a location map with the project beginning and ending points, as well as any required equation stations, north arrow, and scale.
 - b. Typical Sections for the proposed roadway improvements depicting all required dimensions and pavement design.
 - c. General Notes required for construction.
 - d. Drainage map(s) showing existing elevations, contours, major structures with high water information, and drainage areas with direction of flow indicated.
 - e. Plan and profile sheets showing existing topography, reference points, baseline of surveys, curve data, begin/end and required equation stations, existing and proposed roadway and existing City-owned water and sewer facilities; also benchmark datum, existing ground line and preliminary proposed profile grade, anticipated subsoil and

- profile and location of the water table.
- f. Cross-sections showing existing ground lines with preliminary templates will be shown at critical locations such as driveways and at a minimum of every 50 feet. The soil boring logs shall be shown on the appropriate cross-sections.
 - g. A preliminary survey of protected trees and proposed tree removal.
 - h. Preliminary results of the drainage analysis of the outfalls indicating the probable extent of any downstream improvements required. (Include plan and profile of outfalls).
 - i. Temporary Traffic Control Plans (TTCP) phasing typical cross sections depicting the major phases of construction including traffic shifts, lane widths, and temporary asphalt.
 - j. The geotechnical report giving the results of the exploratory borings and providing recommendations for earthwork, culvert, and paving construction.
 - k. A list of all permits that will be necessary to construct the project.
 - l. Preliminary Opinion of Probable Cost.
4. Utility Coordination: Conflicts between the proposed design and existing utilities will be avoided to the extent possible. During this work, the Consultant will be expected to furnish up-to-date electronic copies of plan drawings at the earliest possible time to assist utilities in locating their facilities for the purpose of resolving conflicts with the construction. The Consultant will attend two (2) Utility Coordination Meetings at 60% and 90% design as scheduled by the Project Manager. The Consultant will include utility adjustments on the plan sheets and assist in the preparation of utility relocation schedules. Utility certification shall occur at 90%. The utility is responsible for the relocation of utilities, which includes the design of the relocation and construction.
 5. Final Design: Up to five (5) sets of half-size (11" x 17") drawings, one (1) CD or flash drive of drawings shall be furnished to the Project Manager at the 60%, 90%, and 100% completion points. These drawings will be marked-up by the agencies involved and returned for inclusion in follow-on design work. Each agency's mark-up shall be returned with the next design submittal, showing the Consultant's response to each agency comment. At the 60% completion point, the plans shall include the following items, as a minimum, in addition to the preliminary design:
 - a. Key Sheet including a location map with the project beginning and ending points, as well as any required equation stations, north arrow, and scale.
 - b. Typical Sections for the proposed roadway improvements depicting all required dimensions and pavement design.
 - c. General Notes required for construction.
 - d. Summary of quantities for shared-use path, sidewalk, guardrail, curb & gutter, asphalt, base, stabilization, earthwork, gravity wall.
 - e. Drainage map and drainage structures showing stationing, final profile, ditch grades, and type and placement of drainage structures.
 - f. Plan and profile sheets showing existing topography, reference points, baseline of surveys, curve data, begin/end and required equation stations, existing and proposed roadway and existing City-owned water and sewer facilities; also benchmark datum, existing ground line and preliminary proposed profile grade, anticipated subsoil and profile and location of the water table.
 - g. Complete cross sections showing existing and proposed construction with existing and

- proposed rights-of-way and easements shown, template shown on all sections.
- h. Drainage structure cross sections depicting each structure with applicable elevations, utilities, and details.
 - i. Pond Geometry sheet depicting all baselines and callouts to construct the stormwater treatment facility. Pond typical sections, pipes, and outfall systems are also included.
 - j. Control Structure Details
 - k. TTCP plan for each of the phases of construction including traffic shifts, lane widths and temporary asphalt, temporary critical walls, temporary signalization, cross sections at key locations, and general notes to the contractor.
 - l. Utility adjustment plans sheets depicting all existing utilities and all proposed and relocated utilities.
 - m. Signing and Marking Sheets to depict all pavement marking and signage required.
 - n. Signal design plans and details, including all related lighting, signage, and pavement markings.
 - o. Lighting analysis and lighting plans will be in accordance with all applicable JEA manuals, guidelines, standards, and handbooks. Coordination will be done to determine if the existing power poles will remain and if new light poles will be needed throughout the project limits. Will coordinate with JEA for fixture type, height size, and arm length. Will provide lighting specifications and a design report for the final lighting design criteria. The set of lighting plans will include:
 - Key Sheet
 - Tabulation of Quantities
 - General Notes/Pay Item notes
 - Pole Data, Legend, and Criteria
 - Service Point Details
 - Plan Sheets
 - Special Details
 - p. Final survey of protected trees and proposed tree removal.
 - q. Landscaping plans and/or mitigation planting plans to ensure compliance with City ordinances.
 - r. Three (3) sets of draft specifications, to include the bidding documents (typed, double spaced) for the Contract shall be furnished to the Project Manager at 90% and 100% points for review comments. The specifications shall include Divisions I, II, III, and IV of the City Standard Contract Documents with the individual sections modified as necessary for the project. Format, pagination, and division shall conform to the City Standard Specifications in these aspects.
 - s. Following acceptance of the 100% completion set, up to five (5) sets of half-size (11" x 17") drawings, one (1) CD or flash drive, and five (5) sets of specifications for construction shall be furnished to the City for bidding, bound and ready for distribution. The City will advertise, receive, and open bids, and write and award the construction contract(s).
6. Opinions of Probable Construction Cost (OPCCs): OPCCs will be furnished at the 30%, 60%, and 90% completion points, with two copies to the Project Manager. 90% cost estimate will be considered the pre-final cost estimate. At the 100% completion point, a final opinion of probable cost will be furnished to the Project Manager, using the bidding documents incorporated in the

specifications.

7. **Quantity Calculations:** Two sets of the consultant's quantity calculations shall be furnished along with the 90% and 100% review documents. Calculations shall be provided for all pay items on the bid form. Three bound, signed and sealed sets of the final quantity calculations shall be submitted with the bid documents.
8. **Design Reviews:** The Consultant, when submitting drawings at the 30%, 60%, 90%, and 100% completion points, will allow up to four (4) weeks review time for each submittal and, if requested, will attend, and prepare meeting minutes of a review conference at the end of the period to discuss the agency comments. Consultant shall attend an on-site walk through of the project site. Any changes, refinements, or modifications developed in each review shall be incorporated into the design or otherwise disposed of before proceeding to follow-on design work. Each agency's markup shall be returned with the next follow-on submittal, showing the Consultant's response to the agency's comments.

D. Permitting Requirements:

1. The consultant will coordinate and manage the permitting process for the project through Federal, State, and Local agencies, as well as the railroad.
2. With the Preliminary Design stage submittal (30%), the Consultant shall provide the City with a list of permits that will need to be acquired to construct the project.
3. The Consultant shall take minutes/notes of meetings with the permitting agencies. These notes shall be transcribed and furnished to the Project Manager.
4. The Consultant shall keep a log of permit activities performed by his firm and subconsultants for review by the City.
5. The Consultant shall prepare all supporting documentation for permits and furnish to Project Manager.
6. In addition to all other required permits, the Consultant shall coordinate proposed protection and removal of any trees with the Building and Zoning Inspection Division pursuant to Part 12 of the Zoning Code, and prepare drawings, specifications, applications for permits and other documents required to comply with such Ordinance. Furthermore, the Consultant may be required to design landscaping and/or mitigation planting plans to ensure compliance with such Ordinance.
7. The Consultant shall support the City during the permitting process. Such services shall include, but not be limited to, assisting with up to two (2) responses to requests for Additional Information, attendance at one (1) pre-application meeting per permit and one (1) review meeting, modification to Permit Application and documents, review and modification of design drawings to meet permit conditions. Unless otherwise provided in the Agreement between the City and Consultant, all the Consultant's services, except those services associated with off-site mitigation requirements, that are required (on the date of the Consultant's Contract) in acquiring and furnishing permits, are included in the lump sum fee for Final Design. Submittals to the SJRWMD will be electronic (no hard copy sets).
8. Should modifications of the permits or Requests for Additional Information be required for reasons beyond the Consultant's control, a fee for the modification or services will be negotiated at that time, if the services are required by the City. Permit applications that are anticipated to be required for this project include, but are not limited to, the following:
 - SJRWMD Environmental Resource permit
 - U.S. Army Corps of Engineers Wetland Resource permit



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY ONE JACKSONVILLE

April 4, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director *Steven D Long Jr*

FROM: Will Williams *Will Williams*
Director of Operations

Robin G. Smith, P. E.
Chief, Engineering and Construction Management Division *RGS*

RE: P-20-21 Professional Engineering Services for Hartley Road Widening from San Jose Boulevard to Old St. Augustine Road

The Engineering Division has negotiated with the consultant selected for Professional Engineering Services for Hartley Road Widening from San Jose Boulevard to Old St. Augustine Road resulting in the Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B, attached. JSEB firms to be utilized to meet the 25% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with STV, Inc. for Professional Engineering Services for Hartley Road Widening from San Jose Boulevard to Old St. Augustine Road, that includes the attached Scope of Services, Exhibit A and Fee Schedule, Exhibit B, to provide a lump sum amount for Design Services in the amount of \$379,977.20 and not to exceed limits for: Survey/SUE/Mapping in the amount of \$240,990.29 and Geotechnical in the amount of \$13,431.45, with a maximum indebtedness to the City in the amount of \$634,398.94 and with an expiration date of Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

Funding for this project is as follows:

ACCOUNTS:	
44102.153004.565050.001031.00000000.00000.0000000	
TOTAL	\$634,398.94

SDL/w

Attachment: Exhibits A & B
JSEB Participation

cc: Lori West, Engineering and Construction Management
A.J. Tablada, Engineering and Construction Management

SCOPE OF SERVICES
February 13, 2023

HARTLEY ROAD WIDENING FROM SAN JOSE
BOULEVARD TO OLD ST. AUGUSTINE ROAD
PHASE I (STUDY)

I. SCOPE OF PROJECT

- A. The intent of this project is to provide engineering design, permitting, and all other professional services necessary for the bidding and reconstruction of Hartley Road from a 2-lane road to a 3-lane road with bicycle lanes, curb and gutter, closed drainage system and sidewalks. This will include public outreach, updating the existing topography and providing proposed roadway and drainage design, required right of way and easement acquisition documents, acquiring permits, and generating the project bid specifications.
- B. The evaluation limits along Hartley Road shall be from San Jose Boulevard to Old St. Augustine Road (approximately 7,600 feet).
- C. It is intended that STV Incorporated's (CONSULTANT) services will result all drawings, sketches, and other documents needed for final design and permitting.
- D. CONSULTANT'S services on the project shall be in three (3) phases: (1) Technical Memo (2) Final Design of Selected Preferred Alternative, and (3) Post Design Service during Construction. This agreement for these services shall include only the first phase.

II. PROJECT REQUIREMENTS

A. Technical Memo Requirements:

1. ROADWAY DESIGN

The CONSULTANT will prepare Line & Grade roadway exhibits for two options: a conventional three-lane roadway with sidewalks and bicycle lanes on both sides and an alternative three-lane typical that incorporates a multi-use path on one side. All design criteria shall be based on the "Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, State of Florida", Latest Edition; the current edition of the "City Standards" and the "Land Development Procedures Manual"; Florida Department of Transportation Roadway and Traffic Standards; and the American Association of State Highway and Transportation Officials Policies and

Guidelines. The exhibits shall be roll plots indicating potential R/W requirements and utility impacts for each option.

2. SURVEY AND SUE

The CONSULTANT will:

- a. Establish vertical and horizontal control.
- b. Provide 3-D topographic survey
- c. Establish apparent R/W
- d. Designate utilities
- e. Locate wetland flags.
- f. Locate Normal High Water

3. GEOTECHNICAL

- a. Review previous geotechnical reports and NRCS Soil Survey
- b. Prepare a Phase I Technical Memo discussing subsurface conditions

4. ENVIRONMENTAL

The CONSULTANT will verify and delineate all jurisdictional wetlands within the proposed roadway right of way and outfall locations. The CONSULTANT will determine the type of wetlands and listed species habitat that are impacted, and preliminary impact areas caused by alternate options. The CONSULTANT will prepare a contamination screening of the project area as well as a preliminary cultural resource assessment.

B. Sequence of Services:

- 1. Wetland Delineation
- 2. Listed Species Assessment
- 3. Contamination Screening
- 4. Topographic Survey
- 5. Preliminary Cultural Resource Assessment
- 6. Utility Designation
- 7. Geotechnical Investigation

8. Technical Memo Submittal
9. Alternative Review Public Meeting
10. Preferred Alternative Selected
11. Negotiate Final Design Services

C. Project Submittal Requirements:

1. Technical Memo:

The CONSULTANT will provide a final technical memo be furnished to the Project Manager at the completion of this phase. Exhibits for each option will be roll plots (36" x 60" +/-) and shall include the following items, at a minimum:

- a. Typical section including dimensions.
- b. Existing topography, baseline of surveys, curve data, begin/end and required equation stations, existing and proposed roadway, and existing utilities.
- c. Proposed right-of-way acquisition.
- d. Preliminary traffic control typical sections.
- e. Geotechnical investigating
- f. Environmental/contamination and cultural assessments

2. Cost Estimates:

The CONSULTANT will provide Opinion of Probable Cost Estimates for each option.

3. City Reviews:

The CONSULTANT will allow a (4) weeks review time will attend and prepare meeting minutes of a review conference at the end of the period to discuss the agency comments. In addition, if directed by the Project Manager, a complete review will be held at the project site. Any changes, refinements, or modifications developed in each review shall be incorporated into the design or otherwise disposed of before proceeding to Final Design. Each agency's markup shall be returned with the next follow-on submittal, showing the CONSULTANT's response to the agency comments.

D. Permitting Requirements:

1. The CONSULTANT shall provide the City with a list of all permits anticipated to be acquired to construct the project and documentation of any permitting meetings.

E. Additional Requirements:

1. Provide dialogue with the Streets and Stormwater Management Division, Traffic Engineering Division, Engineering Division, and JEA Water & Sewer Business Unit pertinent to all phases.
2. Provide dialogue with all affected utility companies as appropriate.
3. Final Plans (Phase 2) shall be 11" x 17" sheets.
4. The CONSULTANT shall take minutes/notes of all meetings with jurisdictional agencies. These notes shall document all design/review meetings held with permitting and City agencies. These notes shall be transcribed and furnished to the Project Manager for concurrence as soon as practical after the date of the meeting.
5. The CONSULTANT shall take minutes/notes of all meetings with stakeholders, utility owners, city agencies and the public.
6. The CONSULTANT shall take minutes of one Phase 1 public outreach meeting. A transcript including public comments shall be provided to the City Project Manager within four business days. The CONSULTANT shall notify in writing the City Project Manager regarding changes to the project that will require modification to the CONSULTANT's scope of work.

III. COJ ENGINEERING DIVISION RESPONSIBILITIES

A. Documents

The Engineering Division shall provide any available plans, maps, and other pertinent information essential to the satisfactory completion of the work indicated herein.

B. Reviews

The Project Manager will provide timely reviews of the CONSULTANT's work in accordance with the schedule agreed upon between the Project Manager and the CONSULTANT. Each review period by the City shall be approximately four weeks, at which time all comments will be forwarded to the CONSULTANT.

IV. TIME SCHEDULE

A. The Technical Phase shall follow the time schedule listed below

1. Submit Technical Memo (270 days from the Notice to Proceed, includes 90 days for data collection and 180 days for design)

2. **30 days** for COJ review time
3. **Alternatives Review Meeting (1 day).**
4. **Revise Preliminary Design (30 days)**
5. **Preferred Alternative Selected (1 day)**

B. The total time allowed for the Preliminary Design Phase shall be 332 Days.

V. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and Notice to Proceed is issued which specifically authorizes such work.

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT B

PART I - GENERAL				
1. Project COJ P-20-21 Hartley Road Widening		2. Proposal Number P-20-21		
3. Name of Consultant STV, Inc.		4. Date of Proposal 2/13/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor Add/Delete Classifications as needed.	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$89.47	225	\$20,130.75	
Principal	\$115.12	47	\$5,410.64	
Chief Engineer	\$91.31	165	\$15,066.15	
Senior Engineer	\$87.28	205	\$17,892.40	
Engineer	\$49.71	554	\$27,539.34	
Design Engineer	\$43.09	472	\$20,338.48	
Engineering Intern	\$36.46	513	\$18,703.98	
Designer	\$39.05	0	\$0.00	
Clerical	\$27.95	117	\$3,270.15	
TOTAL DIRECT LABOR		2,298	Hours	\$128,351.89
6. Overhead (Combined Fringe Benefit & Administrative)				
				150%
				\$192,527.84
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$320,879.73
8. PROFIT: Labor Related Costs (Item 7)			x	10%
				\$32,087.97
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
				\$
				\$
				\$
				\$
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
AEC (Environmental)			\$ 27,009.50	
Peters & Yaffee (Signal/Light)			\$ 0.00	
SUB-CONTRACT SUB-TOTAL				\$27,009.50
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$379,977.20
11. REIMBURSABLE COSTS (Limiting Amount)				
DRMP (Survey/SUE/Mapping)			\$ 240,990.29	
WSP (Geotechnical)			\$ 13,431.45	
T2UE (Utility Coordination)			\$ 0.00	
			\$ 0.00	
SUB-TOTAL REIMBURSABLES				\$254,421.74
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$634,398.94

EXHIBIT G

February 9, 2023

Via Email: will.stewart@stvinc.com

Will Stewart, P.E., CFM
STV
5200 Belfort Road, Suite 400
Jacksonville, FL 32256

Reference: Proposal for Environmental Services
City of Jacksonville Hartley Road Widening from San Jose Blvd to Old Augustine Road
Jacksonville, FL

Dear Mr. Stewart:

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

PROJECT INFORMATION

Based on information you provided, STV has been selected by the City of Jacksonville to provide engineering design, permitting, and all other professional services necessary for the bidding and reconstruction of Hartley Road from a 2- lane road to a three (3) lane urban section with bicycle lanes, curb and gutter, closed drainage system and sidewalks. The design services under this contract will include review and updating, where necessary, the existing topography, the proposed roadway and drainage design, required right of way and easement acquisition documents, new and previously acquired permits and the project bid specifications. It is our understanding that environmental services will be needed prior to bidding and construction of the road improvement project.

PROPOSED SCOPE OF SERVICES

AEC proposes the following scope of work:

TASK 1 – Contamination Screening

AEC will research the Florida Department of Environmental Protection (FDEP) Contamination Locator Map, Oculus files, and other sources in detail and identify LUST sites and their respective plume areas, within 500 feet of the proposed route, to determine if temporary groundwater monitoring wells and groundwater sampling will be required. If groundwater sampling will be required, AEC will develop a Groundwater Sampling Plan for groundwater investigation in the areas of the project alignment.

TASK 2 – Wetland Delineation

AEC will delineate the extents of St. Johns River Water Management District (SJRWMD) and State-404 assumed jurisdictional wetlands and surface waters within the project site using sequentially numbered surveying ribbons. State-404 assumed jurisdictional areas are currently being regulated by the FDEP. The wetland flag locations will be located and marked using a Global Positioning System (GPS). A map showing the flag numbers and locations will be provided to STV along with GPS, Google Earth-KMZ file data. AEC will also produce a Geographic Information System (GIS) map of identified wetland and surface waters limits for planning purposes.

*Environmental Services**City of Jacksonville Hartley Road Widening from San Jose Blvd to Old Augustine Road*

Following SJRWMD and FDEP's approval of identified wetland/surface water limits, the results of the approved wetland delineation will be provided to a project designated surveyor for surveying and finalization. AEC will review and approve the completed surveying maps regarding wetland/surface water limits before they are submitted to the STV/the City. The surveyor fees are excluded.

TASK 3 – Listed Species Habitat and Wildlife Assessment

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

TASK 4 – Preliminary Cultural Resource Assessment Study

AEC will conduct a desktop preliminary Cultural Resource Assessment (CRA) to determine if archaeological and historical sites are known for the subject property. This will be accomplished through background research to include:

- Cursory historical research of the area;
- Comprehensive search of the Florida Master Site File for any archaeological and historical sites recorded within any around the project area;
- Search of the Florida Master Site File for any previous archaeological investigations conducted within and immediately around the project area; and
- A cursory review of environmental data to determine the presence of high probability areas, or those areas most likely to contain archaeological sites.

Findings of the preliminary assessment will be included in a memo report for due diligence reviews.

Based on the noted scope of work, we propose to complete our services for the following lump sum fees.

• Task 1 – Contamination Screening	\$5,817.90
• Task 2 – Wetland Delineation	\$9,478.20 (surveyor fee excluded)
• Task 3 – Listed Species Assessment	\$8,955.70
• Task 4 – Preliminary CRA	\$2,757.70

Total \$27,009.50

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

LIMITATIONS

Environmental Services
City of Jacksonville Hartley Road Widening from San Jose Blvd to Old Augustine Road

This proposed scope of work and fees include only services explicit herein. In the event additional tasks are required by the Client and/or government, AEC will provide a change order proposal for any additional tasks that may be required.

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

Sincerely,

Alpha Envirotech Consulting, Inc.



Amy Y. Fu, P.E.
Principal

**CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION EXHIBIT B
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL

1. Project: Hartley Rd Widening from San Jose Blvd to Old Augustine Rd	2. Proposal No. / Contract No. P-20-21 / TASK 1
3. Name of Consultant Alpha Envirotech Consulting, Inc.	4. Date of Proposal 2/9/2023

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 86.40	4	\$ 345.60	345.60
Project Manager (Responsible Professional)	\$ 70.00	0	\$ 0.00	0.00
Certified Industrial Hygienist	\$ 75.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 65.00	24	\$ 1,560.00	1,560.00
GIS Specialist	\$ 60.00	0	\$ 0.00	0.00
Engineer/Geologist/Scientist/Field Inspector	\$ 55.00	0	\$ 0.00	0.00
Project Administrator	\$ 50.00	0	\$ 0.00	0.00
Drafter or CADD Operator	\$ 30.00	2	\$ 60.00	60.00
Administrative Specialist	\$ 25.00	6	\$ 150.00	150.00
TOTAL DIRECT LABOR	\$58.77	36		\$ 2,115.60
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Direct Labor	\$ 3,173.40
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 5,289.00
8. PROFIT: Labor Related Costs (Item 7)			x	10%
				\$ 528.90

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping	at \$0.655/mile		\$ 0.00	
Original Reproduces			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 5,817.90
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 5,817.90
13. CURRENT CONTRACT AMOUNT	
14. AMENDED CONTRACT AMOUNT	\$ 5,817.90

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project: Hartley Rd Widening from San Jose Blvd to Old Augustine Rd			2. Proposal No. / Contract No. P-20-21 / TASK 2	
3. Name of Consultant Alpha Envirotech Consulting, Inc.			4. Date of Proposal 2/9/2023	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 86.40	2	\$ 172.80	172.80
Project Manager (Responsible Professional)	\$ 70.00	0	\$ 0.00	0.00
Certified Industrial Hygienist	\$ 75.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 65.00	8	\$ 520.00	520.00
GIS Specialist	\$ 60.00	8	\$ 480.00	480.00
Engineer/Geologist/Scientist/Field Inspector	\$ 55.00	40	\$ 2,200.00	2,200.00
Project Administrator	\$ 50.00	0	\$ 0.00	0.00
Drafter or CADD Operator	\$ 30.00	0	\$ 0.00	0.00
Administrative Specialist	\$ 25.00	2	\$ 50.00	50.00
TOTAL DIRECT LABOR	\$57.05	60		\$ 3,422.80
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Direct Labor	\$ 5,134.20
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 8,557.00
8. PROFIT: Labor Related Costs (Item 7)			x	10%
				\$ 855.70
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping	at \$0.655/mile 5 d *20 mil		\$ 65.50	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 65.50
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 9,478.20
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$ 9,478.20
13. CURRENT CONTRACT AMOUNT				
14. AMENDED CONTRACT AMOUNT				\$ 9,478.20

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project: Hartley Rd Widening from San Jose Blvd to Old Augustine Rd			2. Proposal No. / Contract No. P-20-21 / TASK 3	
3. Name of Consultant Alpha Envirotech Consulting, Inc.			4. Date of Proposal 2/9/2023	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 86.40	2	\$ 172.80	172.80
Project Manager (Responsible Professional)	\$ 70.00	0	\$ 0.00	0.00
Certified Industrial Hygienist	\$ 75.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 65.00	8	\$ 520.00	520.00
GIS Specialist	\$ 60.00	4	\$ 240.00	240.00
Engineer/Geologist/Scientist/Field Inspector	\$ 55.00	40	\$ 2,200.00	2,200.00
Project Administrator	\$ 50.00	0	\$ 0.00	0.00
Drafter or CADD Operator	\$ 30.00	0	\$ 0.00	0.00
Administrative Specialist	\$ 25.00	4	\$ 100.00	100.00
TOTAL DIRECT LABOR	\$55.74	58		\$ 3,232.80
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 150 % x Total Direct Labor				\$ 4,849.20
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 8,082.00
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 808.20
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping	at \$0.655/mile 5 d *20 mi		\$ 65.50	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 65.50
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 8,955.70
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
12. TOTAL AMOUNT AMENDMENT NO. <u>0</u> (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$ 8,955.70
13. CURRENT CONTRACT AMOUNT				
14. AMENDED CONTRACT AMOUNT				\$ 8,955.70

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project: Hartley Rd Widening from San Jose Blvd to Old Augustine Rd			2. Proposal No. / Contract No. P-20-21 / TASK 4	
3. Name of Consultant Alpha Envirotech Consulting, Inc.			4. Date of Proposal 2/9/2023	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 86.40	2	\$ 172.80	172.80
Project Manager (Responsible Professional)	\$ 70.00	0	\$ 0.00	0.00
Certified Industrial Hygienist	\$ 75.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 65.00	12	\$ 780.00	780.00
GIS Specialist	\$ 60.00	0	\$ 0.00	0.00
Engineer/Geologist/Scientist/Field Inspector	\$ 55.00	0	\$ 0.00	0.00
Project Administrator	\$ 50.00	0	\$ 0.00	0.00
Drafter or CADD Operator	\$ 30.00	0	\$ 0.00	0.00
Administrative Specialist	\$ 25.00	2	\$ 50.00	50.00
TOTAL DIRECT LABOR	\$62.68	16		\$ 1,002.80
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Direct Labor	\$ 1,504.20
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 2,507.00
8. PROFIT: Labor Related Costs (Item 7)			x	10% \$ 250.70
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping	at \$0.655/mile		\$ 0.00	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 2,757.70
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$ 2,757.70
13. CURRENT CONTRACT AMOUNT				
14. AMENDED CONTRACT AMOUNT				\$ 2,757.70

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT B

PART I - GENERAL				
1. Project COJ P-20-21 Hartley Road Widening Survey/SUE/Mapping		2. Proposal Number P-20-21		
3. Name of Consultant DRMP, Inc.		4. Date of Proposal 2/13/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor Add/Delete Classifications as needed.	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Surveyor VI (PSM)	\$80.00	32	\$2,560.00	
Surveyor V (PSM)	\$65.46	115	\$7,527.33	
Survey Tech III	\$43.64	321	\$14,008.44	
SUE Manager	\$66.46	0	\$0.00	
Senior SUE Tech	\$43.64	0	\$0.00	
3-man Survey Crew	\$80.00	379	\$30,320.00	
2-Man Designate SUE Crew	\$67.28	0	\$0.00	
3-man SUE Locate Crew	\$87.28	0	\$0.00	
TOTAL DIRECT LABOR		847 Hours		\$54,415.77
6. Overhead (Combined Fringe Benefit & Administrative)			150%	81623.6475
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$136,039.41
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$13,603.94
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs			\$	
			\$	
			\$	
			\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)			\$	
			\$	
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$0.00
11. REIMBURSABLE COSTS (Limiting Amount)			\$	0.00
			\$	0.00
			\$	0.00
			\$	0.00
SUB-TOTAL REIMBURSABLES				\$149,643.35
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$149,643.35

EXHIBIT G

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT B

PART I - GENERAL				
1. Project COJ P-20-21 Hartley Road Widening SUE			2. Proposal Number P-20-21	
3. Name of Consultant DRMP, Inc.			4. Date of Proposal 2/13/2023	
PART II - LABOR RELATED COSTS				
5. Direct Labor Add/Delete Classifications as needed.	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Surveyor VI (PSM)	\$80.00	17	\$1,360.00	
Surveyor V (PSM)	\$65.46	17	\$1,112.74	
Survey Tech III	\$43.64	0	\$0.00	
SUE Manager	\$66.46	52	\$3,455.66	
Senior SUE Tech	\$43.64	87	\$3,796.25	
3-man Survey Crew	\$80.00	0	\$0.00	
2-Man Designate SUE Crew	\$67.28	349	\$23,492.43	
3-man SUE Locate Crew	\$87.28	0	\$0.00	
TOTAL DIRECT LABOR		522 Hours		\$33,217.07
6. Overhead (Combined Fringe Benefit & Administrative)				
				150%
				49825.605
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$83,042.68
8. PROFIT: Labor Related Costs (Item 7) x				10%
				\$8,304.27
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs			\$	
			\$	
			\$	
			\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)			\$	
			\$	
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$0.00
11. REIMBURSABLE COSTS (Limiting Amount)			\$	0.00
			\$	0.00
			\$	0.00
			\$	0.00
SUB-TOTAL REIMBURSABLES				\$91,346.94
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$91,346.94

EXHIBIT G

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT B

PART I - GENERAL

1. Project City of Jacksonville Hartley Road Widening	2. Proposal No. / Contract No. P-20-21
3. Name of Consultant WSP USA Environment & Infrastructure Inc.	4. Date of Proposal 2/13/2023

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate		Estimated Cost	TOTAL
Chief Engineer	100.82	1	\$ 100.82	100.82
Principal Engineer	83.66	16	\$ 1,338.56	1,338.56
Senior Geotechnical Engineer	57.69	0	\$ 0.00	0.00
Project Geotechnical Engineer	50.49	17	\$ 858.33	858.33
Geologist	50.48	9	\$ 454.32	454.32
Staff Geotechnical Engineer	32.35	0	\$ 0.00	0.00
CADD Operator	29.82	8	\$ 238.56	238.56
Sr. Engineering Technician	24.34	0	\$ 0.00	0.00
Clerical	17.90	3	\$ 53.70	53.70
Public Outreach Specialist	54.48	37	\$ 2,015.76	2,015.76
TOTAL DIRECT LABOR		91		\$ 5,060.05
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	141.31			\$ 7,150.36
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 12,210.41
8. PROFIT: Labor Related Costs (Item 7)				10% \$ 1,221.04

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 0.00	
Original Reproducibles (posterboards, one-page leave behinds)			\$ 0.00	
Reproduction			\$ 0.00	
Laboratory Testing			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
Meskel Associates Engineering (drilling subcontractor)			\$ 0.00	
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 13,431.45
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 13,431.45
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EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: STV Incorporated

Project Title: Professional Engineering Services for Hartley Road Widening From San Jose Boulevard To Old St Augustine Road

Proposal Number: P-20-21 Total Base Proposal Amount (if applicable): \$634,398.94

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
<u>Meskel & Assoc. Engineering, LLC</u>	<u>Women</u>	<u>Geotechnical Services</u>	<u>\$0.00 - N/A for Phase I</u>
<u>Peters & Yaffee, Inc.</u>	<u>African-American</u>	<u>Signalization/Lighting</u>	<u>\$0.00 - N/A for Phase I</u>
<u>Alpha Envirotech Solutions</u>	<u>Women</u>	<u>Environmental</u>	<u>\$27,009.50</u>
<u>DRMP</u>	<u>Non-MBE</u>	<u>Survey SUE</u>	<u>\$240,740.71</u>
<u>STV Incorporated</u>	<u>Non-MBE</u>	<u>Road/Drainage Engineering</u>	<u>\$352,967.70</u>
<u>T2UE</u>	<u>Non-MBE</u>	<u>Utility Coordination</u>	<u>\$0.00 - N/A for Phase I</u>
<u>WSP USA Environment & Infrastructure Inc.</u>	<u>Non-MBE</u>	<u>Geotechnical</u>	<u>\$13,431.45</u>

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	0%
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	5%
Non-MBE Participation Total	95%

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: 

Title: STV Vice President

Date: February 13, 2023

Print Name: J. Keith Jackson, PE

NOTE: This project has been negotiated in phases. The itemized totals below are only for Phase I. Effort provided by JSEBs will increase in Phase II

**EBO FORM I
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION**

Name of Proposer: STV Incorporated

Project Title: Professional Engineering Services for Hartley Road Widening From San Jose Boulevard To Old St Augustine Road

Proposal Number: P-20-21 Total Base Proposal Amount (if applicable): \$634,398.94

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
Meskel & Assoc. Engineering, LLC	Women	Geotechnical Services	\$0.00 - N/A for Phase I
Peters & Yaffee, Inc.	African-American	Signalization/Lighting	\$0.00 - N/A for Phase I
Alpha Envirotech Solutions	Women	Environmental	\$27,009.50
DRMP	Non-MBE	Survey/SUE	\$240,740.71
STV Incorporated	Non-MBE	Road/Drainage Engineering	\$352,967.70
T2UE	Non-MBE	Utility Coordination	\$0.00 - N/A for Phase I
WSP USA Environment & Infrastructure Inc.	Non-MBE	Geotechnical	\$13,431.45

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	0%
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	5%
Non-MBE Participation Total	95%

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: 

Title: STV Vice President

Date: February 13, 2023

Print Name: J. Keith Jackson, PE



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY ONE JACKSONVILLE

April 4, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E. *Steven D. Long, Jr.*
Director

FROM: Will Williams *Will Williams*
Director of Operations

Jill Enz *Jill Enz*
Chief, Natural and Marine Resources

SUBJECT: P-10-19 Professional Design Services for the Southbank Riverwalk Extension
The Haskell Company Contract 70145-20 PO 604432-20-021 Amendment 1

The Southbank Riverwalk Extension is being developed in phases. Phase 1 was authorized under the original contract negotiations. Design services are needed to add Phase 2 of the project. Negotiations have resulted in the attached Scope of Services, Exhibit C, and Contract Fee Schedule, Exhibit D to provide these services. JSEB firms to be utilized to meet the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that Contract 70145-20, originally executed, June 4, 2020, between the City and The Haskell Company for Professional Design Services for the Southbank Riverwalk Extension, be amended to incorporate the attached Scope of Services, Exhibit C and Fee Schedule, Exhibit D, to increase the Not to Exceed Limits for Design by \$145,726.27 from \$283,118.69 to a new limit of \$428,844.96, Survey by \$7,300.89 from \$41,410.10 to a new limit of \$48,710.99, Permitting by \$15,440.06 from \$37,715.29 to a new limit of \$53,155.35, Structural Engineering by \$69,982.00 from \$258,568.38 to a new limit of \$328,550.38, with the limits remaining the same for Geotechnical in the amount of \$158,993.39, Public Outreach in the amount of \$5,083.56 and Upland Connections in the amount of \$5,000.00, thereby increasing the maximum indebtedness by \$238,449.22 for a new maximum indebtedness to the City in the amount of \$1,028,338.63. All other terms and conditions remain the same.

Funding for this project is as follows:

32111.167101.565051.000805.00000000.00000.00000000

SDL/lw

Attachment: Exhibits C & D
JSEB Participation

cc: Lori West, Contract Specialist, Engineering & Construction Management



Christopher D. Flagg, FASLA
Vice President, A&E Group Operations
Principal

March 24, 2023

Re: Southbank Riverwalk (SBRW) Extension
Phase II Additional Design Services
COJ# P-1019
Phase I Proposal
Professional Design Services

Mr. Robert Scott
City of Jacksonville Public Works
Ed Ball Building
214 North Hogan Street, Floor 10
Jacksonville, Florida 32202

Dear Mr. Scott:

We are pleased to present this Additional Design services letter for planning, architectural, engineering, and permitting services for the proposed **Southbank Riverwalk Extension (SBRW)** project for the City of Jacksonville (COJ). The scope of this work will include detailed design services for the additional design required at the southern terminus of the project related to the development of additional design details beyond the scope of the original project. This letter sets forth the cost of various services and the steps to proceed with the design process. The professional design services are broken as follows:

PHASE II – PRELIMINARY DESIGN SERVICES

This phase, which has four sub-components is performed in advance of the finalization of Design:

- Phase II-A – Schematic Design (30%)
- Phase II-B – Design Development (60%)
- Phase II-C – Permit Issue (90%)
- Phase II-D – Construction Issue.

PHASE II-A - SCHEMATIC DESIGN (30%)

Services

This phase of the work provides those items necessary to develop a plan and scope of work that meets all stakeholders' needs and involves the following:

- Site visit to observe site and document environmental conditions.
 - Identify the boundaries for Upland Survey (to include Concept Park).
 - Finalize the alignment and upland connection point under the Fuller Warren Bridge.
 - Identify and develop theme/programmatic elements of park concept site plan.
 - Review project scope, available information, and expectations of hydraulic and Scour Analysis/deliverables.
- Code research and evaluation.

Mr. Robert Scott, City of Jacksonville
 Design Phase II Services Letter
 March 24, 2023
 Page 2

- Develop a high-level conceptual layout for new park to include one (1) concept site plan. This plan, once finalized conceptually, can be used by COJ for promotion.
- Review the existing base file to incorporate any new survey data. Plan sheets with data will be produced for use by the various disciplines on the project.
- Prepare conceptual graphics package for Downtown Development Review Board (DDRB) Presentation.
- Conduct meeting(s) with the SJRWMD/FDEP; USACE and City of Jacksonville to review the changes to the proposed action and discuss the permitting requirements.
- Review the revisions to the proposed plans and as needed will conduct a site investigation for wetlands, threatened and endangered species and habitat.
- Provide Structural alternate (drilled shaft) design for foundation under-bridge construction to reflect FDOT requirement for deep foundations.
- Structural design of bridge span at southern end of **SBRW** to incorporate long span slab at the end of the structure in lieu of previous design that incorporated a filled abutment.
- Structural design to integrate the abutment into the proposed design of the park under the bridge.
- Provide upland survey for southern connection of **SBRW** under Fuller Warren bridge to include boundaries for concept park design.
- Begin Hydraulic and Scour evaluation/analysis to address FDOT scouring concerns. This task is for analysis only...If the analysis or the agency/owner coordination requires scour mitigation, that will be developed as a separate task order.
 - Preliminary development of MIKE 21/HEC-RAS hydrodynamic, hydraulic, and scour models for 100-year and 500-year storm events with and without consideration for sea-level rise.
- Conduct an upland survey of connection point and area of Conceptual Site Plan.

Deliverables

- Overall design and permitting schedule
- Upland Survey report
- **30% Design Documents** including preliminary plans, outline specifications, permit drawings, and permit applications. The following drawings will be provided for the City of Jacksonville review at 30%. The submittal will be in electronic format as PDF files, with the exception of any required permit sketches, the drawings will be produced as native 24x36 documents, and incorporated into the existing **SBRW** Extensions drawing package.
 - Concept Park Site Plan, rendered and not for construction purposes.
 - Updated Cover Sheet
 - Updated General Information Sheets
 - Updated General Notes Sheet
 - Plan Sheets at 1" = 20' scale depicting the alignment of the **SBRW** connection point under the Fuller Warren Bridge and pedestrian walkway
 - Pertinent Typical sections depicting the structural configuration of the **SBRW** connection point under the Fuller Warren Bridge and pedestrian walkway
 - Updated Plan sheets on 8 ½" x 11" for use in any permitting efforts.
 - Updated Outline Specifications

Mr. Robert Scott, City of Jacksonville
 Design Phase II Services Letter
 March 24, 2023
 Page 3

- Updated Structural sheets: New Structural sheets for Connection Point Design to include: Drilled shaft supported intermediate bent, drilled shaft supported end bent, drilled shaft foundations, and precast concrete slab span at connection point.
- Adapt the existing Mike 21 Hydrodynamic Model
- Perform initial tasks for Scour Analysis and Build a Preliminary HEC-RAS Model

Schedule

The work described in Phase II-A will be completed within approximately **3 months** from the date of COJ Notice to Proceed.

PHASE II-B – DESIGN DEVELOPMENT (60%)

Services

This phase includes the services necessary to further develop the Design for **SBRW** to include COJ review comments. Haskell will proceed with this phase of the work upon completion of Phase II-A. More specifically, the work of this sub-phase includes the following:

- Civil design to include grading of the areas around the connection points from the river walk to the upland properties, paving required in these areas, drainage design of the **SBRW** landward connection points
- Preliminary furnishing and landscaping plan
- Design the stormwater pollution prevention systems required to obtain environmental permits for DEP approval
- Develop overall layout and alignment of new **SBRW** connection under the Fuller Warren Bridge with control geometry, foundation layout, pile capacity requirements, foundation layout and pile details, pile cap details, precast superstructure details, Cast in place superstructure details including curbs, Structural calculations for and detailing of handrail connections, Design and detailing of structural connections for deck furniture and other appurtenances, Paver bedding details, etc.
- Criteria and specifications for a test pile program will be developed
- Advance specification development for the **SBRW**
- Present completed design to the COJ and incorporate review comments
- Will revise the permit applications to reflect changes to the proposed project (Federal and State).
- Will revise Sovereign Submerged Land Lease (Application Phase)
 - Preparation of a Submerged Land Lease permit application and documentation
 - Coordination with Baptist Representatives. (As directed by COJ)
 - Submit all required documentation to FDEP on behalf of the City - submit Section F of the Environmental Resource Permit (ERP) application.
- Update the stormwater pollution prevention systems required to obtain environmental permits
- Submit completed design development for the following permits:
 - St Johns River Water Management District (SJRWMD) Environmental Resources Permit (Wood Engineering)
 - Jacksonville Electric Authority - JEA (Haskell)
 - United States Army Corp of Engineers (Wood Engineering)

Mr. Robert Scott, City of Jacksonville
 Design Phase II Services Letter
 March 24, 2023
 Page 4

- Florida Department of Environmental Protection (Wood Engineering)
- Florida Wildlife Services and NOA fisheries (Wood Engineering)

Deliverables

- **60% Design Documents:** including plans and specifications and permit applications will be produced. New drawings, as well as any updated drawings/sheets from the previous design package will be included. These plans will incorporate comments provided by the City of Jacksonville and Haskell. The following documents will be provided for the City of Jacksonville review at 60%:
 - Cover Sheets
 - General Information Sheets
 - General Notes Sheets
 - Updated Hardscape and Landscape Plans, details, etc.
 - Enlarged Plans at points of Connection
 - Typical Sections
 - New Structure Plans including foundation layout and framing plans
 - Structure Sections and Details
 - Enlarged Civil Plans at connection points
 - Updates/Modifications to Plumbing and Electrical Drawings if required.
 - Additional Plumbing and Electrical for new connection if required
 - Stormwater Pollution Prevention Plans for ERP
 - Submit Environmental Resource Application
 - Resubmit supporting documents for USACE Permit Application
 - Mechanical and Electrical Plans, Details and Schedules
 - Development of Mike 21 Hydrodynamic Model
 - Development of HEC-RAS Model
 - Development of Scour Analysis
 - Development of Preliminary Technical Memorandum outlining a summary of the hydrodynamic/hydraulic modeling results, scour results, and an assessment of risk of scour at bridge supports.
- **Probable Cost Estimate (ROM) will be provided at this phase broken out by division estimate costs and total estimate cost.**

All work will be based on the plan that the COJ has reviewed in the Schematic Phase (Phase II-A).

Schedule

The work described in Phase II-B will be completed within approximately **3 months** from the completion of Phase II-A.

PHASE II-C - PERMIT ISSUE (90%)

Services

Haskell will proceed with this phase of the work upon completion of Phase II-B. More specifically, the work includes the following:

Mr. Robert Scott, City of Jacksonville
 Design Phase II Services Letter
 March 24, 2023
 Page 5

- Updated and new detail specifications for each CSI Division applicable to the project, with the inclusion of applicable City of Jacksonville front end specifications that will be modified for inclusion into the construction documents
- Complete Design Development design and specifications for the **SBRW**
- Present completed design to the COJ and incorporate review comments.
- Will attend up to 3 site visits with regulatory agencies.
- Will respond to one Request for Additional Information (RAI) from each Agency up to three (3) RAIs.
- As required, will consult with the USFWS and NOAA Fisheries if there are anticipated impacts to protected species or habitat.
- Will assist with submittal of local environmental permit applications, as needed.
- Submit completed design for the following review/permits:
 - Downtown Development Review Board Presentation (Final)
 - COJ Site Clearing Permit
 - Jacksonville Electric Authority (JEA)

All work will be based on the plan that has been approved in the previous phases. Minor modifications may be required to satisfy Code requirements, but no additional programming is included in this phase of the Work.

Deliverables

- All revised drawings as listed above and related to re-submission to permit agencies.
- Receipt of all permits for construction.

Schedule

The work described in Phase II-C will be completed within approximately **2 months** from the date of completion of Phase II-B (does not include permit agency review times).

PHASE II-D – CONSTRUCTION ISSUE

Haskell will proceed with this phase of the work upon completion of Phase II-C. More specifically, the work includes the following:

- Incorporate all final permit comments from COJ identified in section II-C.
- Review Final permits and confirm plans meet permit specifications.
- Present completed design to the COJ for final approval.
- Provide a summary and advise on permit requirement.

Schedule

The work described in Phase II-D will be completed within approximately **1 month** from the date of completion of Phase II-C (does not include permit agency review times).

Assumptions

The scope of services and level of effort presented in this document are based upon the following assumptions:

Mr. Robert Scott, City of Jacksonville
 Design Phase II Services Letter
 March 24, 2023
 Page 6

- Related to Hydraulic and Scour Analysis:
 - It is assumed that, due to hard bottom conditions, scour is no issue. Noting this, this proposal does not include the design of scour countermeasures. Any additional design work will be negotiated in the future.
 - It is assumed that existing MIKE21 Model is an acceptable hydrodynamic software, which is not a public domain software.
 - If d50 and d95 soil information is not available, then the value will be derived from other studies or literature value.
 - This scope does not include the preparation of FDOT ROW access permits.
- Bidding Support and Construction Administration Services are not part of this proposal. These services are anticipated to be negotiated in the future.
- Irrigation Plans, Tree Mitigation Plans, and Tree Survey are not included in this proposal.
- Permitting fees associated with State permits are not included in this scope.
- No in-water benthic survey is included in this proposal, if required by the agencies for permitting, Haskell will provide a request for change order.

Fees

Fees shall be billed monthly as progress payments and shall be paid by the COJ within 30 days of billing.

<u>Phase II-A Schematic</u>	
Sub-Total	\$ 88,553.02
<u>Phase II-B Design Development</u>	
Sub-Total	\$ 50,782.58
<u>Phase II-C Permit Issue</u>	
Sub-Total	\$ 30,469.55
<u>Phase II-D Construction Issue</u>	
Sub-Total	\$ 40,626.07
<u>Scour Analysis</u>	
Sub-Total	\$ 28,018.00
Total Phase One Preliminary Service Fee	<u>\$ 238,449.22</u>

(Detailed breakdown of hours and rates are included in the attached COJ Contractor Fee Summary)

Mr. Robert Scott, City of Jacksonville
Design Phase II Services Letter
March 24, 2023
Page 7

If this design proposal meets with your approval, please indicate your acceptance by signing below. Please retain one copy and return one signed copy to us for our files. Thank you for the opportunity to be of service. We are looking forward to working with you.

Sincerely,



Christopher D. Flagg, FASIA
Vice-President, A&E Group Operations Principal



**COJ Southbank Riverwalk
Extension Phase II Additional
Design Services**

To: File

Date: March 24, 2023

From: Shane Dankworth

Subject: Design Fee Negotiations

City of Jacksonville Public Works

The following summary includes all design partners, project scope and associated fees. Backup scope/fee information provided.

DESIGN SCOPE & FEES

- **Surveying**
 - ARC Surveying & Mapping, Inc. – John Maffett, Vice President
 - Scope 1: Upland Surveys at southern connection point
 - Overhead: 175%
 - Fee: **\$7,300.89**
- **Permitting**
 - WSP E&I, Inc. – Shannon McMorrow, P.E.
 - Scope 1: Permitting Services
 - Overhead: 150%
 - Fee: **\$15,440.06**
- **Architecture & Engineering**
 - Haskell Architects & Engineers – Shane Dankworth, AIA, Design Manager
 - Scope: Design Management, Landscape/Hardscape Architecture, Plumbing & Electrical Engineering
 - Overhead: 150%
 - Fee: **\$145,726.27**
- **Structural Engineering**
 - Jacobs Engineering– Max Mozo, P.E.
 - Scope 1: Structural design for elevated Riverwalk southern connection point and Hydraulic/Scour analysis
 - Overhead: 150%
 - Fee: **\$69,982.00**

TOTAL DESIGN FEE: \$238,449.22

HASKELL KEY DATE SCHEDULE**COJ Southbank Riverwalk Extension Phase II Additional Design Services**

Project Director: Fred Jones
Project Principal: Chris Flagg
Design Manager: Shane Dankworth
Project Manager: Craig Handley

Schedule Date: 3/24/23
Revision Date:
Revision No:

Project: COJ SBRW Ext.
Location: Jacksonville, FL
A/E Project No.: 1900018

Page 1

Comp. Date	Date Due	Task/Event Description	Info. From	Info. To	Design Discip.
Proposal					
TBD	TBD	Contract Signature & Execution	COJ	Haskell	All
TBD	TBD	Project Kickoff Meeting w/ Design Team	Haskell	COJ	All
TBD	TBD	Project Kickoff Meeting w/ Owner (COJ & Parks)	Haskell	COJ	All
Conceptual Design (30%)					
TBD	TBD	Upland Survey Completed	ARC	SD	All
TBD	TBD	Checkset Drawings & Specs Due (end of the day)	All	SD	All
TBD	TBD	Documents (Outline Specs., Calcs, etc.) to AA	All	AA	All
TBD	TBD	30% Drawings Due (PDF - end of day)	All	SD	All
TBD	TBD	Final Production: 30% Drawings & Documents	AA / SD	Repro	All
TBD	TBD	Issue Design Development Documents (30% Design)	Haskell	Distribution	SD
TBD	TBD	30% Owner Review Comments Due (14 calendar days)	COJ	Haskell	All
TBD	TBD	Owner Review Meeting	All	All	All
Design Development (60%)					
TBD	TBD	Documents (Draft Specs, Calcs, etc.) to AA (Shalom)	All	AA	All
TBD	TBD	Checkset Drawings (End of day)	All	DM	All
TBD	TBD	60% Drawings Due (PDF - end of day)	All	DM	All
TBD	TBD	Final Production: 60% Drawings & Documents	AA / DM	Repro	All
TBD	TBD	Issue Design Development Documents (60% Design)	Haskell	Distribution	SD
TBD	TBD	60% Owner Review Comments Due (14 calendar days)	COJ	Haskell	All
TBD	TBD	Owner Review Meeting	All	All	All
Permit Issue (90%)					
TBD	TBD	Documents (Draft Specs, Calcs, etc.) to AA (Shalom)	All	AA	All
TBD	TBD	Checkset Drawings (End of day)	All	DM	All
TBD	TBD	90% Pricing Drawings Due (PDF - end of day)	All	DM	All
TBD	TBD	Final Production: 90% Drawings & Documents	AA / DM	Repro	All
TBD	TBD	Issue Design Development Documents (90% Design)	Haskell	Distribution	SD
TBD	TBD	90% Owner Review Comments Due (14 calendar days)	COJ	Haskell	All
TBD	TBD	Owner Review Meeting	All	All	All
Construction Issue Design Package					
TBD	TBD	Documents (Final Specs, Narratives, Calcs, etc.) to AA	All	AA	All
TBD	TBD	QIP Review (Outside Consultants will need to submit documentation of own internal review)			
TBD	TBD	CI Drawings Due (Sign/Seal PDF & CAD - end of the day)	All	DM	All (S/S)
TBD	TBD	Final Production: CI Drawings & Documents	AA / DM	Repro	All
TBD	TBD	Issue "Construction Issue Design" Documents	Haskell	Distribution	All (S/S)

Distribution (please route to other team members not listed below)

Internal: Shane Dankworth, Craig Handley, Sinem Bilgin, James Wood, Madison Shelley, Joe Bertino, Renee Niepoetter, Shalom Romer, Chris Flagg, David Kode

External: Max Mozo (Jacobs), Shannon McMorrow (WSP), John Maffett (ARC)

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT D

PART I - GENERAL

1. COJ SBRW Extension Phase II Additional Design Services Phase II-A Through II-D	2. Proposal No. #1900018 COJ# P-1019
3. Haskell Architects & Engineers	4. Date of Proposal 03/24/23

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Design Director	\$ 93.34	20	\$ 1,866.89	1,866.89
Design Manager	\$ 64.35	124	\$ 7,979.15	7,979.15
Sr. Landscape Architect	\$ 47.67	177	\$ 8,436.74	8,436.74
Assoc. Landscape Architect	\$ 37.34	409	\$ 15,271.14	15,271.14
Plumbing Designer	\$ 82.62	16	\$ 1,321.91	1,321.91
Sr. Electrical Engineer	\$ 75.47	24	\$ 1,811.28	1,811.28
Electrical Designer	\$ 42.90	44	\$ 1,887.54	1,887.54
Sr. Civil Engineer	\$ 84.61	40	\$ 3,384.23	3,384.23
Chief Estimator	\$ 88.98	56	\$ 4,982.60	4,982.60
Staff Estimator	\$ 50.45	40	\$ 2,017.83	2,017.83
Project Coordinator	\$ 47.67	32	\$ 1,525.29	1,525.29
Administrative Assistant	\$ 31.78	56	\$ 1,779.50	1,779.50
TOTAL DIRECT LABOR	\$ -			\$ 52,264.10

6. Overhead (Combined Fringe Benefit & Administrative)			
Overhead Rate	150 % x Total Direct Labor		\$ 78,396.15
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)			\$ 130,660.25
8. PROFIT: Labor Related Costs (Item 7)	x	10%	\$ 13,066.02

PART III - OTHER COSTS

9. Miscellaneous Direct Costs			
Transportation & Shipping		\$ 0.00	
Original Reproducibles		\$ 0.00	
Reproduction		\$ 2,000.00	
Other		\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL			\$ 2,000.00

10. SUBCONTRACTS (REIMBURSABLE/NOT TO EXCEED)			
Surveying	ARC Surveying & Mapping	\$ 7,300.89	See Attached
Permitting	WSP E&I, Inc.	\$ 15,440.06	See Attached
Structural Engineering	Jacobs Engineering	\$ 69,982.00	See Attached
		\$	
SUB-CONTRACT SUB-TOTAL			\$ 92,722.95
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)			\$ 238,449.22

11. REIMBURSABLE COSTS (Limiting Amount)		\$ 0.00	
SUB-TOTAL REIMBURSABLES			\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 238,449.22
13. CURRENT CONTRACT AMOUNT	\$ 789,889.41
14. AMENDED CONTRACT AMOUNT	\$ 1,028,338.63

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT D

PART I - GENERAL				
1. Project COJ SBRW Extension Phase II Additional Design Services		2. Proposal Number 2402230062		
3. Name of Consultant WSP E&I Inc.		4. Date of Proposal 3/2/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	\$94.20	4.00	\$376.80	
Project manager	\$80.30	27.00	\$2,168.10	
Sr. Engineer	\$65.10	4.00	\$260.40	
Sr. Scientist	\$54.40	25.00	\$1,360.00	
Design Engineer	\$36.68	15.00	\$550.20	
Scientist	\$32.37	25.00	\$809.25	
Clerical	\$32.00	1.50	\$48.00	
TOTAL DIRECT LABOR		102 Hours		\$5,572.75
6. Overhead (Combined Fringe Benefit & Administrative)			150.00%	\$8,359.13
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$13,931.88
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$1,393.19
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping			\$115.00	
Original Reproducibles			\$0.00	
Reproducibles			\$0.00	
Other			\$0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$115.00
10. SUBCONTRACTS (Reimbursable/Not to Exceed)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$15,440.06
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$0.00
PART IV - SUMMARY				
TOTAL AMOUNT OF AMENDMENT #6 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$15,440.06
12. PRIOR CONTRACT AMOUNT (Through Amendment # 1)				\$0.00
AMENDED AMOUNT OF CONTRACT				\$15,440.06

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION EXHIBIT D
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL				
1. Project COJ SBRW Extension Phase II Additional Design Services		2. Proposal Number P-10-19		
3. Name of Consultant Jacobs		4. Date of Proposal 3/7/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$95.50	0.00	\$0.00	
Project Manager	\$92.00	60.00	\$5,520.00	
Principal Engineer	\$86.50	60.00	\$5,190.00	
Senior Engineer	\$59.50	164.00	\$9,758.00	
Engineer	\$42.00	0.00	\$0.00	
Designer/CAD	\$41.50	120.00	\$4,980.00	
Contract Coordinator	\$34.50	0.00	\$0.00	
Clerical	\$22.00	0.00	\$0.00	
			\$0.00	
			\$0.00	
			\$0.00	
TOTAL DIRECT LABOR		404 Hours		\$25,448.00
6. Overhead (Combined Fringe Benefit & Administrative)			150.00%	\$38,172.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$63,620.00
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$6,362.00
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping			\$0.00	
Original Reproducibles			\$0.00	
Reproducibles			\$0.00	
Other			\$0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Reimbursable/Not to Exceed)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$69,982.00
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$0.00
PART IV - SUMMARY				
TOTAL AMOUNT OF AMENDMENT #6 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$69,982.00
12. PRIOR CONTRACT AMOUNT (Through Amendment # 1)				\$0.00
AMENDED AMOUNT OF CONTRACT				\$69,982.00

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT D

PART I - GENERAL

1. Project COJ SBRW Extension Phase II Additional Design Services	2. Proposal No. / Contract No. P-1019
3. Name of Consultant Arc Surveying & Mapping, Inc.	4. Date of Proposal 03/10/23

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Surveyor	\$ 62.50	4	\$ 250.00	250.00
Party Chief	\$ 34.91	24	\$ 837.84	837.84
Instrument Person	\$ 14.50	24	\$ 348.00	348.00
Rodman	\$ 12.00	0	\$ 0.00	0.00
CADD Technician	\$ 44.33	16	\$ 709.28	709.28
Clerical	\$ 19.00	4	\$ 76.00	76.00
			\$ 0.00	0.00
TOTAL DIRECT LABOR	\$30.85	72		\$ 2,221.12
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	175 % x Total Direct Labor			\$ 3,886.96
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 6,108.08
8. PROFIT: Labor Related Costs (Item 7)				\$ 610.81
		x	10%	

PART III - OTHER COSTS

9. Miscellaneous Direct Costs	Specialized Equipment Hourly Rate:			
Topographic Equipment	24	\$	24.25	PER HOUR
Multibeam Hydrographic Equipment Rate	0	\$	163.53	PER HOUR
Singe Beam Hydrographic Equipment Rate		\$	79.51	PER HOUR
Laser Scanning Survey Equipment Rate	0	\$	130.61	PER HOUR
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 582.00

10. SUBCONTRACTS (Lump Sum)	\$	
SUB-CONTRACT SUB-TOTAL	\$	-
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	\$	7,300.89

11. REIMBURSABLE COSTS (Limiting Amount)		
Survey (Arc Surveying & Mapping, Inc.)	\$	0.00
Geotechnical Investigations (Universal Eng. Sci.)	\$	0.00
Utility Coordination, Structural, QC (Ayres Assoc.)	\$	0.00
Environmental Wetlands (LG2)	\$	0.00
Tree Mitigation (King Engineering)	\$	0.00
Variable Message Sign (VMS)	\$	0.00
Permitting Services & Permit Fees	\$	0.00
SUB-TOTAL REIMBURSABLES	\$	-

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$	7,300.89
13. CURRENT CONTRACT AMOUNT		
14. AMENDED CONTRACT AMOUNT	\$	7,300.89

Direct Labor, Fringe Benefits and General Overhead
Financial Statement and Independent Auditor's Report

Arc Surveying & Mapping, Inc.

December 31, 2021

Not for Public Distribution

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Not for Public Distribution

INDEPENDENT AUDITOR'S REPORT

The Stockholders of
Arc Surveying & Mapping, Inc.

Opinion

We have audited the accompanying schedule of Direct Labor, Fringe Benefits, and General Overhead of **Arc Surveying & Mapping, Inc.** (the "Company") for the year ended December 31, 2021 and the related notes to the financial statements.

In our opinion, the schedule referred to above presents fairly in all material respects, the direct labor, fringe benefits and general overhead of the Company, as of December 31, 2021 on the basis of accounting described in Note B.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities in accordance with the relevant ethical requirements related to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Basis of Accounting

We draw attention to Note B of the financial statements, which describes the basis of accounting. The schedule is prepared on the basis of accounting prescribed by subparts 9900 and part 31 of the Federal Acquisition Regulations ("FAR"), and section 112.061 of the Florida Statutes. This is a basis of accounting other than accounting principles generally accepted in the United States of America, and it is used to comply with the requirements of the Florida Department of Transportation. As a result, the schedule may not be suitable for another purpose. Our opinion is not modified with respect to that matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of this financial statement in accordance with the basis of accounting practices prescribed in Part 31 of the FAR and certain other federal and state regulations. Management is also responsible for the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the schedule, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern within one year after the date that the schedule is available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Restriction on Use

Our report is intended solely for the information and the use of the Company and government agencies or other customer related to contracts employing the FAR cost principles and is not intended and should not be used by anyone other than these specified parties.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have issued a report dated June 29, 2022, on our consideration of the Company's internal controls over financial reporting as it relates to the Statement of Direct Labor, Fringe Benefits and General Overhead and on our tests of its compliance with certain provisions of laws, regulations and contracts, including provisions of the applicable sections of Part 31 of the FAR. The purpose of that report is to describe the scope of our testing of internal controls over financial reporting and compliance and the results of the testing, and not to provide an opinion on internal controls over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Company's internal control over financial reporting and compliance.

Assurance Dimensions

Tampa, Florida
June 29, 2022

Arc Surveying & Mapping, Inc.
Statement of Direct Labor, Fringe Benefits and General Overhead
Year Ended December 31, 2021

Description	FAR Reference	Total Costs	Unallowable Costs	Allowable Costs	Allocation
					Home Office
Direct Labor	31.205-6	\$ 965,022	\$ -	\$ 965,022	\$ 965,022
Fringe Benefits:					
Group insurance	31.205-6 (m)	\$ 188,404	\$ (378)	\$ 188,026	\$ 188,026
Payroll taxes	31.205-6 (m)	124,750	-	124,750	124,750
Benefit plan	31.205-6 (j)	51,953	-	51,953	51,953
Employee appreciation	31.205-13 (b)	51,822	-	51,822	51,822
Fringe benefit bonus		50,000	-	50,000	50,000
Workmans compensation insurance	31.205-6 (m)	8,760	-	8,760	8,760
Benefit plan compliance fees	31.205-6 (j)	225	-	225	225
		<u>\$ 475,914</u>	<u>\$ (378)</u>	<u>\$ 475,536</u>	<u>\$ 475,536</u>
General Overhead:					
Indirect labor	31.205-1, 31.205-14	\$ 1,201,041	\$ (55,150)	\$ 1,145,891	\$ 1,145,891
Outside labor - sub contractor	31.205-6	716,791	(716,791)	-	-
Insurance	31.205-19	148,094	-	148,094	148,094
Depreciation	31.205-16	161,971	(133,485)	28,486	28,486
Vehicle expense	31.205-46	102,002	(102,002)	-	-
Advertising	31.205-1	50,341	(50,341)	-	-
Supplies	31.205-14	40,721	(40,721)	-	-
Telephone	31.201-2	35,423	-	35,423	35,423
Overtime differential	31.205-6	28,192	-	28,192	28,192
Office expense	31.205-14	26,306	-	26,306	26,306
Interest	31.205-30	25,804	(25,804)	-	-
Bad debt expense	31.205-3	20,543	(20,543)	-	-
Taxes	31.205-6 (m)	15,773	(1,852)	13,921	13,921
Professional fees	31.205-6	13,558	-	13,558	13,558
Amortization	31.205-11	12,471	(12,471)	-	-
Meals and entertainment	31.205-14	11,146	(11,146)	-	-
Bank charges	31.205-20	10,648	(10,648)	-	-
Marketing & business development	31.205-14	10,020	(10,020)	-	-
Donations	31.205-8	9,585	(9,585)	-	-
Payroll services	31.205-6 (m)	9,513	-	9,513	9,513
Postage and shipping	31.205-26	9,042	-	9,042	9,042
Equipment	31.205-14	8,718	-	8,718	8,718
Utilities	31.201-2	8,497	-	8,497	8,497
Lodging	31.205-46	8,085	(1,314)	6,771	6,771
Other	31.201-2	6,888	-	6,888	6,888
Dues and subscriptions	31.205-14	5,671	-	5,671	5,671
Travel	31.205-46	3,191	(109)	3,082	3,082
Rent	31.205-36	2,485	-	2,485	2,485
Gain/loss on asset disposal	31.201-2	2,378	-	2,378	2,378
Penalties and late fees	31.205-15	1,515	(1,515)	-	-
Training and education	31.205-14	983	-	983	983
		<u>\$ 2,707,396</u>	<u>\$ (1,203,497)</u>	<u>\$ 1,503,899</u>	<u>\$ 1,503,899</u>
Fringe Benefit Rate				49.28%	49.28%
General Overhead Rate				155.84%	155.84%
Combined Rate				205.12%	205.12%

See accompanying notes to statement of direct labor, fringe benefits and general overhead

Note A – Organization and Description of Business

Arc Surveying & Mapping, Inc. ("the Company") is a professional firm providing service in the areas of hydrographic and topographic surveying, mapping and structural monitoring and utility surveying. The Company's projects are diverse including providing bathymetric maps and conducting boundary and construction surveys.

The Company was founded in 1979, and its clients include private sector business, public utilities, contractors, and all levels of government. Revenues are derived from billings for services and reimbursement expense. Approximately 5% of the Company's contracts are governmental and the remaining 95% are private. Revenues are recognized on all contracts as costs are incurred.

Note B – Significant Accounting Policies

The Company's policy is to prepare its indirect cost rate schedules, which support the Statement of Direct Labor, Fringe Benefits and General Overhead, on the basis of accounting prescribed by Subparts 9900 and Part 31 of the Federal Acquisition Regulation (FAR) and certain other federal and state regulations. Accordingly, the Statement of Direct Labor, Fringe Benefits and General Overhead is not intended to present the results of operations of the Company in conformity with accounting principles generally accepted in the United States of America.

The Company maintains a job-order cost accounting system for the recording and accumulation of labor and direct costs incurred under its contracts. Each project is assigned a job number so that costs may be segregated and accumulated in the Company's job-order cost accounting system. Labor costs are allocated to projects based on standard hourly rates. Any project costs incurred as a result of the Company's error are unallowed.

The Company's method of estimating costs for pricing purposes during the proposal process is consistent with the accumulation and reporting of costs under its job-order cost accounting system.

Personal time off is charged to indirect costs as it is earned.

Premium overtime costs are incurred in meeting certain deadlines. The premium portion of paid overtime is included in indirect costs. The Company did not pay certain salaried employees for time worked in excess of 40 hours per week. The time in excess of 40 hours was credited to the indirect cost pool. The credit amount of \$28,192 consisted of hours worked in excess of 40 at the employee's standard hourly rate.

The Company has a qualified 401(k) profit sharing plan covering all employees meeting age and length of service requirements. Company contributions to the plan are made at the discretion of management, subject to statutory limitations.

Depreciation of property and equipment reflected in the Company's financial statements and overhead rate schedule is computed using an accepted method over the estimated useful lives of the assets.

Note C – Highly Compensated Employees

Labor costs include actual compensation paid to employees for work performed in the current year. Compensation of executives is evaluated for reasonableness in accordance with the criteria established in FAR 31.205-6 and the American Association of State Highway and Transportation Officials (“AASHTO”) Uniform Audit & Accounting Guide, considering their professional licenses, areas of unique specialization, years of experience, duties, hours worked, performance, prevailing market compensation, a nationally-recognized salary survey published by Zweig White and the National Compensation Matrix (NCM). Compensation for executives in excess of amounts determined using the NCM are treated as unallowed, which resulted in \$55,150 of unallowed indirect labor cost for the year. The Company did pay compensation to senior executives in excess of the limit specified by the Office of Federal Procurement Policy pursuant to FAR 31.205-6(p). Distributions of profits are treated as a reduction of retained earnings and are not included in the Statement of Direct Labor, Fringe Benefits and General Overhead.

Note D – Facilities Capital Cost of Money Rate

The Company’s Facilities Capital Cost of Money for the year is calculated as follows:

Net book value of capital assets	
Beginning of year	\$ 879,697
End of year	<u>1,099,646</u>
Average capital assets	\$ 989,672
Renegotiation Board	
Rates: January to June 2021	0.875%
July to December 2021	<u>1.125%</u>
Average rate	<u>1.000%</u>
Average capital assets multiplied by average rate	9,897
Direct labor	<u>\$ 965,022</u>
Facilities Capital Cost of Money rate	<u>1.03%</u>

Note E – Direct Expense Rate

Direct expenses are consistently charged to all projects. The Company's direct expense rates for the year are based on the direct cost accumulated in the job costs and recorded by the following accounts in the general ledger. No costs used to calculate the direct expense rate exceeded the \$150 per night limitation, per Chapter 2016-62, Laws of Florida. No permit costs are included in the direct expense rate calculation, and all travel related costs are in compliance with Florida Statute 112.061.

	<u>Home office</u>	<u>Unallowed</u>	<u>Total</u>
Lodging	\$ 125,659	\$ (144)	\$ 125,515
Maintenance – equipment, software/calibration	111,351	-	111,351
Fuel – fleet vehicles	49,247	-	49,247
Direct travel	44,785	-	44,785
Per diem reimbursement	31,401	(240)	31,161
Direct shipping	27,828	-	28,828
Vehicle rental/parking	14,593	-	14,593
Equipment rental	11,965	-	11,965
Consulting	4,800	-	4,800
Field and site expense	3,253	-	3,253
Other	173	-	173
	<u>\$ 425,055</u>	<u>\$ (384)</u>	<u>\$ 424,671</u>
Total			
Direct Labor	<u>\$ 965,022</u>	<u>\$ -</u>	<u>\$ 965,022</u>
Direct Expense Rate	<u>44.05%</u>	<u>(0.04)%</u>	<u>44.01%</u>

Note F – Contingencies

During 2021, the Company was impacted by the effects of the COVID-19 pandemic. Despite this impact, the Company adapted to the changing circumstances as the Company remained operational, but dealt with schedule adjustments due to employees being out with COVID-19 and/or having to quarantine from exposure to COVID-19. As of the date of this report, the outbreak was still affecting the global economy and it is at least reasonably possible that it could have an impact on the operations of the Company in the near term that could materially impact the Company's consolidated financial statements. During the year ended December 31, 2021, the Company received full Paycheck Protection Program loan forgiveness of \$336,800, which was recognized in the year ending December 31, 2020.

Note G – Subsequent Events

Subsequent events have been evaluated through June 29, 2022, which is the date the financial statements were available to be issued.

INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL AND COMPLIANCE

To the Stockholders of
Arc Surveying & Mapping, Inc.

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the Statement of Direct Labor, Fringe Benefits and General Overhead of **Arc Surveying & Mapping** (the "Company") for the year ended December 31, 2021, and the related notes to the financial statement, and have issued our report thereon dated June 29, 2022.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statement, we considered the Company internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statement, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we do not express an opinion on the effectiveness of the Company internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Company's indirect cost rate statement is free from material misstatement, we performed tests of the Company's compliance with certain provisions of laws, regulations and contracts, including provisions of the applicable sections of Part 31 of the Federal Acquisition Regulation, noncompliance with which could have a direct and material effect on the determination of the amounts reported on the indirect cost rate statement. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Company internal control or on compliance. This report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Company's internal control and compliance. Accordingly, this report is not suitable for any other purpose.

Restriction of Use

This report is intended solely for the use and information of the management of the Company and government agencies or other customers related to contracts employing the cost principles of the Federal Acquisition Regulation and should not be used for any other purpose.

Assurance Dimensions

Tampa, Florida

June 29, 2022

Not for Public Distribution



ONE CITY. ONE JACKSONVILLE

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

April 10, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director of Public Works

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

Jonathan Page, P.E.
Professional Engineer

SUBJECT: P-49-22 CEI Services for the RiversEdge Development Project

The Engineering Division has negotiated with the consultant selected for CEI Services for the RiversEdge Development Project, resulting in the Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B, attached. JSEB firms to be utilized to meet the 30% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with VIA Consulting Services, Inc. for CEI for the RiversEdge Development Project that includes the attached Scope of Services identified as Exhibit "A" and Rate Schedules, identified as Exhibit "B". Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto. The maximum indebtedness of the City pursuant to this agreement is \$2,000,000.00. The Period of Service will be to Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

SDL/w

Attachment: Exhibits A& B
JSEB Participation

cc: Lori West, Engineering and Construction Management



VIA Consulting Services, Inc.

10250 Normandy Blvd., Suite 304
Jacksonville, Fl. 32221

P-4-22 RIVERSEDGE DEVELOPMENT PROJECT CONSTRUCTION ENGINEERING AND INSPECTION SERVICES

Date	Services Performed By:	Services Performed For:
April 6, 2023	VIA Consulting Services, Inc. 10250 Normandy Blvd., Suite 304 Jacksonville, Fl. 32221	City of Jacksonville Jonathan Page, PE Project Manager Engineering and Construction 214 N. Hogan Street Jacksonville, Fl. 32202

VIA Consulting Services, Inc. is pleased to submit this Statement of Work to provide Construction Management and Inspection Services to the City of Jacksonville for the RIVERSEDGE DEVELOPMENT PROJECT.

This SOW # 2023-002 (hereinafter called the "SOW"), effective as of March 31, 2023, is entered into by and between Consultant and Client, and is subject to the terms and conditions specified below. The Exhibit(s) to this SOW, if any, shall be deemed to be a part hereof. In the event of any inconsistencies between the terms of the body of this SOW and the terms of the Exhibit(s) hereto, the terms of the body of this SOW shall prevail.

Period of Performance

The Services are anticipated to commence on May 29, 2023, and shall continue through February 23, 2024.

Engagement Resources

VIA Consulting Services proposes to use David Hancock as the lead senior inspector for the RIVERSEDGE DEVELOPMENT PROJECT and will utilize the expertise of Mr. Pete Sheridan, P.E. and Ms. Corey Chascin, P.E. for Project Manager Services.

Scope of Work

REQUIREMENTS OF THE CONSULTANT:

Scope of Services

The public infrastructure elements associated with the RiversEdge Development Project include public roadways such as Broadcast Place, Riverside Drive, and the extension of Prudential Drive; waterside infrastructure including new bulkheads; parks and open spaces including a 12' wide boardwalk, 12' wide path

and 20' Riverwalk which are currently in various stages of construction. The Construction Engineering and Inspection (CEI) firm (Consultants) will provide engineering oversight of the project during the Design/Permitting Phase, Contract Administration, Construction Engineering and Inspection Services, and materials testing services.

Services During Design:

Project Management and Coordination: The Consultant will develop a Staffing Plan for approval by the City, confirming dedicated staff commitments and identifying other key staff required to accomplish the objectives of the project. Consultant shall also develop a Communication Plan to clarify reporting hierarchy and to determine information distribution processes for internal and external stakeholders. The Consultant shall oversee the financial, funding, & schedule objectives of the project to facilitate the project remaining on schedule and within budget. The Consultant shall maintain an electronic Document Control system to allow retrieval and distribution of project documents throughout the project duration; and electronic project documentation will be delivered to the City upon completion of the project. The Consultant will facilitate and attend meetings internally with the project team, with the COJ, DIA, Developer Staff and Consultants, Jacksonville City Council, Utility Owners, and Permitting Agencies. The Consultant will coordinate with members of the public when requested by the City's Project Manager.

Public Infrastructure Design Review and Oversight: To ensure Plan Design to City Standards, the Consultant will log and distribute documents to the appropriate Consultant and City personnel for engineering review and constructability review. All comments will be compiled in a centralized database to ensure they are permanently documented, receive a response, and are incorporated into the design.

Consultant's design reviewers will ensure compliance with all City Standard Details, Standard Specs, Land Development Procedures Manual, and City Standard Contract Documents.

Public Infrastructure Bid Documents Review: The Consultant will review Bid Documents prepared by the Developer's Design Consultant to ensure that the General Conditions, Specifications, Design Plans, and Bid advertisement meet City procurement requirements regarding timeframes, processes, forms, and prequalification.

Public Infrastructure Construction Award Review and Oversight, including Recommendations for Final Acceptance of Public Infrastructure: The consultant will oversee steps required to meet bid production dates along with the process of advertising, distributing documents, hosting pre-bid conferences, and reviewing bids. The Consultant will comply with all Sunshine Laws during the bidding process.

For each bid process, the Consultant will oversee the bid schedule covering the time frame between when bid documents are issued until contract award. The Consultant will monitor the schedule and will:

- a) Provide input on pre-bid meeting agenda and requirements,
- b) Distribute pre-bid minutes,
- c) Manage bid questions,
- d) Prepare bid tabulations and review bids for completeness, balance, and contract compliance, and
- e) Make recommendations regarding awards.

Public Infrastructure Cost Verification and Oversight: The Consultant will prepare cost estimates for public infrastructure elements and update them regularly as design progresses. Changes in the design as the design develops will be reflected in the cost estimate database in a timely manner. Consultant will monitor pay requests during design and construction to ensure that work effort is applied to the appropriate funding source.

Services During Construction:

Services during construction will include surveillance of Contractor activities, interpreting plans, specifications and special provisions for the Construction Contract. Construction oversight will include: scheduling and conducting a pre-construction meeting and another meeting prior to project final acceptance, verifying contractor inspections, analyzing the contractor's construction schedule, analyzing and assisting with resolution of construction issues, monitoring utility construction for conformance with the utility relocation plan, reviewing and processing contractor payment requests, public information assistance during construction, and providing a photo / video log of pre-construction conditions.

Public Infrastructure Construction Engineering and Inspection (CEI)

The Consultant will observe the Contractor's work to determine the progress and quality of the work, identify discrepancies, report significant discrepancies to the client, and direct the Contractor to correct such observed discrepancies. Consultant's observations of the Contractor's work shall be limited to the actual allowable work hours per the contract and as requested by the City's Project Manager. (i.e. Fulltime inspection contract equates to full time observation, part-time inspection contract equates to part-time observation.)

The Consultant shall provide on-site inspection services to monitor the Contractor's construction activities and inspect materials incorporated into the work in accordance with the plans, specifications, and special provisions of the Construction Contract to determine that the project is constructed in reasonable conformity with such documents. The Consultant shall maintain detailed, accurate records of the Contractor's daily operations and of significant events that affect the work.

The Consultant shall require sampling and testing of component materials and completed work in accordance with the Construction Contract documents and the minimum sampling frequencies set out in the City of Jacksonville specifications. The Consultant shall determine the acceptability of all materials and completed work items on the basis of either test results, certified mill analysis, or appropriate industry certifications and shall require Contractor to re-work or reconstruct any areas that fail the required sampling and testing specifications. If requested by the City, the Consultant will utilize Consultant team staff to perform density tests, concrete and material sampling to expedite testing and construction schedules.

Fee Schedule

This engagement will be conducted on a Time & Materials basis. The total value for the Services pursuant to this SOW shall not exceed \$1,474,596.75 unless otherwise agreed to by both parties via the project change control procedure, as outlined within. A PCR will be issued specifying the amended value.

This figure is based on the attached hours of professional services and rate schedule. Please see attached exhibit A.

Out-of-Pocket Expenses / Invoice Procedures

Client will be invoiced monthly for the consulting services in accordance with the P-12-21 Agreement. Invoices are due upon receipt. There are no Out-of-Pocket expenses anticipated for this SOW.

Invoices shall be submitted monthly in arrears, referencing this Client's SOW Number to the address indicated above. Each invoice will reflect charges for the time period being billed and cumulative figures for previous periods. Terms of payment for each invoice are due upon receipt by Client of a proper invoice. Consultant shall provide Client with sufficient details to support its invoices, including time sheets for services performed, unless otherwise agreed to by the parties.

Completion Criteria

Consultant shall have fulfilled its obligations when any one of the following first occurs:

- Consultant accomplishes the Consultant activities described within this SOW, and Client accepts such activities and materials without unreasonable objections.
- Consultant and/or Client has the right to cancel services or deliverables not yet provided with [30] business days advance written notice to the other party.

Assumptions

It is assumed that all construction invoice processing and contractor payments will be the responsibility of the City of Jacksonville. Consultant is only to review and verify quantities and acceptable completed items for allowable payment.

It is assumed that all Public Outreach meetings, flyers and notices will be the responsibility of the City of Jacksonville. Consultant responsibility is for providing field communication to individual residents/business owners based on actual construction activities affecting the individual residents/business owners.

Survey Control for bench marks and construction controls are to be provided by the Construction Contractor or the City of Jacksonville.

Project Change Control Procedure

The following process will be followed if a change to this SOW is required:

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change, and the effect the change will have on the project.
- The designated Project Manager of the requesting party (Consultant or Client) will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. Consultant and Client will mutually agree upon any charges for such investigation, if any. If the investigation is authorized, the Client Project Managers will sign the PCR, which will constitute approval for the investigation charges. Consultant will invoice Client for any such charges. The investigation will determine the effect that the implementation of the PCR will have on SOW price, schedule and other terms and conditions of the Agreement.
- Upon completion of the investigation, both parties will review the impact of the proposed change and, if mutually agreed, a Change Authorization will be executed.
- A written Change Authorization and/or PCR must be signed by both parties to authorize implementation of the investigated changes.

IN WITNESS WHEREOF, the parties hereto have caused this SOW to be effective as of the day, month and year first written above.

City of Jacksonville

VIA Consulting Services, Inc.

By: _____
Name:

Title:

Date:

By: **Peter J Sheridan III**
Name: Peter J. Sheridan, III
Digitally signed by Peter J Sheridan III
Date: 2023.04.07 07:57:03 -04'00'

Title: Vice President

Date:

CONTRACT FEE SUMMARY FOR COJ CEI VARIOUS CITY PROJECTS



PART I - GENERAL				
1. Project Construction Engineering & Inspection on Riversedge Development Project		2. Contract Number RFP Number: P-49-22		
3. Name of Consultant VIA Consulting Services, Inc. Subconsultant E&R RS&H CSI Geo SAM		4. Date of Proposal 4/7/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 80.00	0	\$ -	
Senior Project Engineer	\$ 80.00	1171.5	\$ 93,720.00	
Project Administrator	\$ 50.00	2277	\$ 113,850.00	
Project Administrator	\$ 50.00	594	\$ 29,700.00	
Contract Support Specialist	\$ 33.00	2739	\$ 90,387.00	
Senior Inspector	\$ 32.00	3465	\$ 110,880.00	
Senior Inspector	\$ 32.00	1980	\$ 63,360.00	
Inspector	\$ 26.00	1320	\$ 34,320.00	
Admin	\$ 22.00	0	\$ -	
TOTAL DIRECT LABOR				\$ 536,217.00
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150% X Total Direct Labor			\$ 804,325.50
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 1,340,542.50
8. PROFIT: Labor Related Costs (Item 7)				\$ 134,054.25
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation			\$ -	
Copying			\$ -	
Shipping & Mail			\$ -	
Miscellaneous Direct Costs Sub Total				\$ -
10. REIMBURSABLE COSTS (Limiting Amount)				
Lab Testing				\$ -
SUBTOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Reimbursables/NTE) (Items 7,8,9 and 10)				\$ 1,474,596.75

P-49-22 Construction Engineering and Inspection Services for Riversedge Development Project
Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT VIA Consulting Services, Inc.

Proposal Number P-49-22

1. Average hourly direct labor rates (without Fringe Benefits)

Company Principal (Responsible Professional)	\$ <u>80.00</u> hr.
Senior Project Engineer (Registered)	\$ <u>80.00</u> hr.
Project Administrator	\$ <u>50.00</u> hr.
Contract Support Specialist	\$ <u>33.00</u> hr.
Senior Inspector	\$ <u>32.00</u> hr.
Inspector	\$ <u>26.00</u> hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>22.00</u> hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 150 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %
4. Cost of 4-man survey crew per 8 hour day (If applicable) \$ hr.
5. Other Direct Project Costs per Unit (please specify)

6. Estimated percentage of total fee to be performed by Subconsultant 75 %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

P-49-22 Construction Engineering and Inspection Services for Riversedge Development Project
Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT Eisman & Russo, Inc.

Proposal Number P-49-22

1. Average hourly direct labor rates (without Fringe Benefits)

Company Principal (Responsible Professional)	\$ <u>80.00</u> hr.
Senior Project Engineer (Registered)	\$ <u>80.00</u> hr.
Project Administrator	\$ <u>50.00</u> hr.
Contract Support Specialist	\$ <u>33.00</u> hr.
Senior Inspector	\$ <u>32.00</u> hr.
Inspector	\$ <u>26.00</u> hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>22.00</u> hr.

- | | |
|--|--------------|
| 2. Total Overhead Rate (to be applied to Direct Labor:) | <u>150</u> % |
| 3. Profit Rate (to be applied to Direct Labor plus Overhead) | <u>10</u> % |
| 4. Cost of 4-man survey crew per 8 hour day (If applicable) | \$ _____ hr. |
| 5. Other Direct Project Costs per Unit (please specify) | |

- | | |
|---|-------------|
| 6. Estimated percentage of total fee to be performed by Subconsultant | <u>10</u> % |
|---|-------------|

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

P-49-22 Construction Engineering and Inspection Services for Riversedge Development Project
Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT RS&H, Inc.

Proposal Number P-49-22

1. Average hourly direct labor rates (without Fringe Benefits)

Company Principal (Responsible Professional)	\$ <u>80.00</u> hr.
Senior Project Engineer (Registered)	\$ <u>80.00</u> hr.
Project Administrator	\$ <u>50.00</u> hr.
Contract Support Specialist	\$ <u>33.00</u> hr.
Senior Inspector	\$ <u>32.00</u> hr.
Inspector	\$ <u>26.00</u> hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>22.00</u> hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 150 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %
4. Cost of 4-man survey crew per 8 hour day (If applicable) \$ _____ hr.
5. Other Direct Project Costs per Unit (please specify)

6. Estimated percentage of total fee to be performed by Subconsultant 10 %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

P-49-22 Construction Engineering and Inspection Services for Riversedge Development Project
Form 1 - SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT CSI Geo, Inc.

Proposal Number P-49-22

1. Average hourly direct labor rates (without Fringe Benefits)

Company Principal (Responsible Professional)	\$ <u>80.00</u> hr.
Senior Project Engineer (Registered)	\$ <u>80.00</u> hr.
Project Administrator	\$ <u>50.00</u> hr.
Contract Support Specialist	\$ <u>33.00</u> hr.
Senior Inspector	\$ <u>32.00</u> hr.
Inspector	\$ <u>26.00</u> hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>22.00</u> hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 150 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %
4. Cost of 4-man survey crew per 8 hour day (If applicable) \$ _____ hr.
5. Other Direct Project Costs per Unit (please specify)

6. Estimated percentage of total fee to be performed by Subconsultant 5 %

7. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

Labor Rates

PART I - GENERAL				
1. Project - Rates for Riversedge Project			2. Project Number	
3. Name of Consultant SAM LLC.			4. Date 4/6/2023	
PART II - LABOR RELATED COSTS				
5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Office/Department Manager	\$ 87.09	0	\$ 0.00	
Senior Project Manager	\$ 74.18	0	\$ 0.00	
Project Manager	\$ 61.28	0	\$ 0.00	
Staff Surveyor	\$ 53.22	0	\$ 0.00	
Phase Manager	\$ 49.99	0	\$ 0.00	
Project Coordinator	\$ 43.54	0	\$ 0.00	
Senior Office Technician	\$ 40.32	0	\$ 0.00	
Office Technician	\$ 33.87	0	\$ 0.00	
Field Crew (2 Man)	\$ 56.44	0	\$ 0.00	
Field Crew (3 Man)	\$ 77.41	0	\$ 0.00	
Field Crew Supervisor	\$ 37.09	0	\$ 0.00	
Project Specialist	\$ 30.64	0	\$ 0.00	
Administrative Clerical	\$ 29.03	0	\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. OVERHEAD (Combined Fringe Benefits & Administrative)				
Overhead Rate 181.86%				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
SUB-TOTAL SALARY RELATED COSTS				\$ -
PART III - OTHER COSTS				
9. MISCELLANEOUS DIRECT COSTS				
Mileage (Standard GSA Rate 2018)				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
SAM SUE Services				\$ -
ERS				\$ -
SUB-CONTRACT SUB-TOTAL				\$ -
PART IV - SUMMARY				
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 3, 2022

Chad Thurner, Office Manager
SAM SURVEYING AND MAPPING, LLC
cross reference SURVEYING AND MAPPING, LLC
2844 Pablo Avenue
Tallahassee, Florida 32308

Dear Mr. Thurner:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.3 - Photogrammetric Mapping
 - 8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
181.86%	0.708%	Reimbursed	No	26.43%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: VIA Consulting Services, Inc.

Project Title: Construction Engineering and Inspection Services for The Riversedge Development Project

Proposal Number: P-49-22 Total Base Proposal Amount (if applicable): _____

***Please list all JSEBs first**

Full Company Name VIA Consulting Services, Inc.	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic) Women	Type of Work to be Performed CEI Services	Total Contract Value or Percentage 75%
CSI Geo, Inc.	African - American	Geotech / Material Testing	5%
Esiman & Russo, Inc.	N/A	CEI Services	10%
RS&H, Inc.	N/A	CEI Services	10%

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	STBD
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	TBD
Non-MBE Participation Total	STBD

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer:  Title: Vice President Date: 4/10/23

Print Name: Peter J. Sheridan, III, P.E.



ONE CITY ONE JACKSONVILLE

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

April 6, 2023

TO: Dustin Freeman, Chairperson
Professional Services Evaluation Committee

THRU Steven D. Long, Jr., P. E.
Director of Public Works

FROM: Nikita Reed, P. E.
Public Works Project Manager

Thomas G. McKnight
Capital Improvement Construction Manager

RE: P-46-22 Construction Engineering and Inspection Services for Federally Funded Projects

The Engineering and Construction Management Division has negotiated with the consultant selected for Construction Engineering and Inspection Services for Federally Funded Projects, resulting in the attached Scope of Services, Exhibit A and Rate Schedules, Exhibit B. The City's JSEB program is not applicable to this project.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with England-Thims & Miller, Inc., for Construction Engineering and Inspection Services for Federally Funded Projects that includes the attached Scope of Services identified as Exhibit "A" and Rate Schedules, identified as Exhibit "B". Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto. The maximum indebtedness of the City pursuant to this agreement is \$3,000,000.00. The initial Period of Service will be for two (2) years with the option to extend such contract for two (2) additional two (2) year periods upon satisfactory performance by the Consultant. All other terms and conditions are as provided in the RFP and the City's standard contract language.

SDL/lw

Cc: David D. Hahn, P. E., Engineering and Construction Management
Lori West, Engineering and Construction Management

SCOPE OF SERVICES

I. GENERAL:

This is a Request for Proposals (RFP) from Consultants to provide Construction Engineering and Inspection (CEI) services along with any required construction testing and other related professional services necessary to oversee Federally funded Horizontal (Civil) and Vertical (Architectural) projects. These projects may be Design/Bid/Build or Design-Build projects. Horizontal (Civil) projects may include construction, rehabilitation, and renovation activities, related to earthwork, roadways, bridges, drainage systems, dredging projects, intersection improvements, streetscapes, sidewalks, pavement marking and signing, parking areas, traffic signals, lighting, retaining walls, bulkheads, culverts, streetscapes, utility construction and repair, underground and/or above ground utilities/site improvements. Vertical (Architectural) projects may include construction, rehabilitation, and renovation activities related to public buildings (schools, libraries, community centers, fire stations, etc.) and other facility types and/or aboveground utilities. The City reserves the right to perform some of the work required on these projects or to specify the extent of the work needed for these projects.

A Specific project anticipated to be over \$4M construction cost that may or may not require CEI services under this contract is the Wills Branch Dredge Project. This project involves maintenance dredging and bank stabilization on Wills Branch from Old Middleburg Road to approximately 2,000 feet east of Lane Avenue. This project is currently out for bids. Plans available for viewing only.

A detailed Scope of Services defining the exact performance requirements and schedule of completion for individual projects will be negotiated and individual purchase orders issued.

II. ANTICIPATED CONSTRUCTION ENGINEERING AND INSPECTION (CEI) SERVICES:

Services to be provided under this contract may include, but may not be limited to, the following:

- Design Phase constructability reviews
- Schedule and conduct pre-construction conferences as necessary
- Ensure that all necessary private property agreements, utility agreements, construction easements and construction/environmental permits are on file.
- Issue Notices to Proceed to contractors
- Enforce and perform terms of the construction contracts between the City and its contractors
- Review shop drawings submitted by contractors for conformance to the specifications, and distribute to parties as necessary
- Review thoroughly and answer contractors' inquiries and RFI's in a timely manner
- Provide qualified construction inspectors to inspect the work to ensure that construction is proceeding in accordance with the specifications, and that work is constructed in conformance with the contract plans and specifications.
- Direct the contractor, after consultation with the City, on removal and replacement of defective work which does not meet specifications, or is otherwise incorrectly constructed
- Review and analyze contract change order requests and proposals to determine validity and potential cost/time impacts thereof, and recommend appropriate action to the City
- Review claims and disputes and recommend necessary actions
- Review and recommend for approval contract change orders and forward necessary documentation and paperwork to the City as to the necessity for such changes, including substantiation of the extra costs thereof
- Arrange for construction materials testing by third party testing laboratories and review test reports to ensure that materials installed meet the requirements of the contract documents
- Review construction inspection reports relating to the contractors' performance and communicate with each, if necessary, regarding non-conformance to plan specifications, workmanship, etc.
- Review contractors' requests for monthly progress payments and, if appropriate, certify pay application is proper and transmit to City with recommendation that the invoice be paid
- Review contractors' pay requests for compliance with minority business enterprise participation requirements

EXHIBIT A

- Review contractors' proposals for additional work or change orders for compliance with minority business enterprise participation requirements
- Adjust requests for monthly progress payments, as necessary, to align amount of pay requested with actual progress of construction satisfactorily performed
- In the event of the need to revise the contract drawings during the construction period, coordinate with the City and the Design Consultant to obtain the revised originals from the design consultant, review the changes and corrections on behalf of the City, and coordinate the issuance of new prints for the revised drawings to the parties concerned
- Prepare and maintain monthly progress schedules and reports applicable to all phases of the construction operations, and such special reports as may be required to keep the City fully advised with respect to the progress of construction of the projects
- Monitor contractors' preparation of in-progress as-built drawings during the course of construction to ensure that final as-built drawings will be easily produced
- Collect final as-built drawings electronically and for each project, review for conformance with the contract documents and specifications, and recommend approval/disapproval to the City
- If final as-builts are recommended for disapproval, monitor contractor's preparation of revised final as-built drawings.
- Prepare a final engineering report on the construction status of each project, including lessons learned.
- Recommend in writing, that the City make final payment on a project when appropriate
- Collect documents and deliverables, including release of liens and consent of surety, when required, from the contractors prior to recommending that final payments be made
- Continue acting as the City's representative throughout the post-construction phase of the projects, which generally cover the contractors' one-year warranty periods
- Deliver final documents, including originals of construction drawings and specifications, approved mylar as-built drawings, a DVD with as-built drawings in AutoCAD or .pdf format, two sets of blue line prints and the projects files to the City
- Prepare and deliver final project financial accounting reports to the City
- Evaluate and rate the contractor's performance
- Direct the contractor to replace or correct defective work which becomes known during the warranty period
- Provide monthly status reports to the City concerning warranty activities and corrective work by contractors.
- Enforce all warranty provisions of the contract documents
- Schedule and conduct an eleven (11) month warranty inspection of projects including the contractors, design consultants and City personnel as appropriate
- Develop eleven-month warranty punchlist and forward to the contractor for corrective action
- Monitor contractor's performance on addressing the punchlist
- Advise the City, in writing, when contractors have satisfactorily completed their obligations under the warranty periods of the contracts
- Provide any other construction engineering and inspection services as may be necessary to implement a successful project

**CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL				
1. Project CEI Services for Federally Funded Horizontal & Vertical Projects		2. Proposal Number P-46-22		
3. Name of Consultant England-Thims & Miller, Inc.		4. Date of Proposal 10/27/22		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ 81.73		\$ 0.00	
Project Administrator	\$ 54.41		\$ 0.00	
Contract Support Specialist	\$ 34.45		\$ 0.00	
Senior Inspector	\$ 35.68		\$ 0.00	
Senior Bridge Inspector	\$ 40.62		\$ 0.00	
Senior Landscape Inspector	\$ -		\$ 0.00	
Inspector	\$ 27.50		\$ 0.00	
Bridge Inspector	\$ 28.39		\$ 0.00	
Admin	\$ 25.33		\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 181.961 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

January 3, 2023

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel
- Group 13 - Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
216.18%	174.30%	0.201%	Reimbursed	No	6.18%	7.46%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Field OH Rate = 174.30%+0.201%+7.46%

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CEI Services for Federally Funded Projects		2. Proposal Number P-46-22		
3. Name of Consultant AE Engineering, Inc		4. Date of Proposal 03/08/23		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ 81.73	0	\$ 0.00	
Project Administrator	\$	0	\$ 0.00	
Assistant Project Administrator	\$ 46.25	0	\$ 0.00	
Contract Support Specialist	\$ 34.45	0	\$ 0.00	
Senior Inspector	\$ 35.68	0	\$ 0.00	
Senior Bridge Inspector	\$ 39.75	0	\$ 0.00	
Senior Landscape Inspector	\$ 40.50	0	\$ 0.00	
Inspector	\$ 27.50	0	\$ 0.00	
Bridge Inspector	\$ 28.39	0	\$ 0.00	
Building Inspector	\$ 41.76	0	\$ 0.00	
Landscape Inspector	\$ 30.95	0	\$ 0.00	
Clerical	\$ 22.00	0	\$ 0.00	
RCS	\$ 30.50	0	\$ 0.00	
Senior Building Inspector	\$ 44.25	0	\$ 0.00	
TOTAL DIRECT LABOR		-		\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 174.115 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00

**2023 FEE SCHEDULE FOR PROFESSIONAL SERVICES
CONSTRUCTION MATERIALS TESTING**

SOILS AND AGGREGATE TESTING		
Proctor – Standard (ASTM D698 / AASHTO T99)	EACH	\$120
Proctor –Modified (ASTM D1557 / AASHTO T180)	EACH	\$150
Limerock Bearing Ratio (LBR) (FM 5-515)	EACH	\$325
Moisture Content (ASTM D2216)	EACH	\$15
Aggregate Sieve Analysis (AASHTO T27)	EACH	\$120
Aggregate Soundness	EACH	\$300
Coarse Aggregate Specific Gravity/Absorption	EACH	\$85
Fine Aggregate Specific Gravity/Absorption	EACH	\$115
Carbonate Content	EACH	\$95
Soils Particle Size Analysis (No Hydrometer)	EACH	\$65
Soils Particle Size Analysis (Includes Hydrometer)	EACH	\$165
Organic Content – Ignition Method	EACH	\$65
Atterberg Limits	EACH	\$80
Soil Specific Gravity	EACH	\$120
Permeability Constant Head / FM - T215	EACH	\$350
Corrosive Series (pH, Sulfate, Chloride, Resistivity)	EACH	\$190
pH of Soil or Water	EACH	\$85
Sulfate Content - Soil or Water	EACH	\$85
Chloride Content - Soil or Water	EACH	\$85
Resistivity - Soil or Water	EACH	\$65
In-situ Density Testing	EACH	\$18
Engineering Technician (up to 8 hours/day)	HOUR	\$55
Engineering Technician (over 8 hours/day)	HOUR	\$65
CONCRETE TESTING		
Concrete Cylinder Sampling - includes slump, air content, temperature, and molding (set of 5)	EACH	\$100
Casting of Additional Specimens	EACH	\$20
Additional Slump	EACH	\$10
Additional Air Content	EACH	\$10
Compressive Strength Test of Cylinders	EACH	\$20
Concrete Beam Sampling and Strength Testing	EACH	\$120
Concrete Grout Prism Sampling and Strength Testing (set of 4)	EACH	\$55
Engineering Technician (up to 8 hours/day)	HOUR	\$55
Engineering Technician (over 8 hours/day)	HOUR	\$65

EXHIBIT B

ASPHALT TESTING		
Gyratory Compaction with Bulk Specific Gravity (ASTM D6925)	EACH	\$175
Theoretical Maximum Specific Gravity (ASTM D2041)	EACH	\$200
Asphalt Content by Ignition (ASTM D6307)	EACH	\$150
Mechanical Sieve Analysis of Extracted Aggregate (ASTM D5444)	EACH	\$210
Bulk Specific Gravity (ASTM D2726) (Trim & Bulk Cores)	EACH	\$95
Drilling/Patching Asphalt Core (+Tech Time)	EACH	\$35
Asphalt Level 1 Technician	HOUR	\$65
Asphalt Level 1 Technician (Over 8 hours)	HOUR	\$80
Asphalt Level 2 Technician	HOUR	\$75
Asphalt Level 2 Technician (Over 8 hours)	HOUR	\$90
Asphalt Project Manager	HOUR	\$95
Asphalt Admin	HOUR	\$60
Mobilization Fees		
< 50 Miles from Office	EACH	\$500
51-100 Miles from Office	EACH	\$1,000
101-150 Miles from Office	EACH	\$1,500
> 150 Miles from Office	EACH	TBD
PRIVATE PROVIDER BUILDING INSPECTION SERVICES		
Plans Review	PER SF	\$0.35
Building and Trades Inspections	EACH	\$200
Certified Building Inspector (Structural, Electrical, Mechanical)	HOUR	\$180
Welding Inspections	HOUR	\$105
BID Admin	HOUR	\$60
Permit Courier	TRIP	\$100
PROFESSIONAL SERVICES		
Senior Engineer, P.E. (Review, sign and seal reports)	HOUR	\$220
Administrative / Clerical / Reporting	HOUR	\$55
TRAVEL ASSOCIATED COSTS		
Overnight Accommodations (>75 miles from office, includes hotel and per diem)	NIGHT	\$375
Trip Charge (>75 miles from office, when trip does not include overnight stay)	EACH	\$150



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 12, 2022

Roderick Myrick, President
AE ENGINEERING, INC.
219 North Newnan Street, 4th Floor
Jacksonville, Florida 32202

Dear Mr. Myrick:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 9 - Soil Exploration, Material Testing and Foundations

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Laboratory Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Standard Foundation Studies

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete

Group 13 - Planning

- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
160.59%^A	119.91%^A	0.305%	Reimbursed	No	0.00%	13.22%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

^For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Payroll Protection Program loan forgiveness. For information on the adjusted overhead rates, contact the district Procurement Office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

**CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL				
1. Project Federally Funded Projects - Constr. Inspection Services			2. Contract Number P-46-22	
3. Name of Consultant Construction & Engineering Services (C&ES) Consultants, Inc.			4. Date of Proposal 03/10/23	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Administrator		0	\$ 0.00	
Building Inspector	\$36.50	0	\$ 0.00	
Senior Inspector	\$35.68	0	\$ 0.00	
Inspector	\$27.50	0	\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
TOTAL DIRECT LABOR	#DIV/0!	0		\$0.00
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate		173.7% x Total Direct Labor		\$0.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$0.00
8. PROFIT: Labor Related Costs (Item 7)				\$0.00
				10% x (Labor + Overhead)
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation - Federal Mileage Rate			\$	
Original Reproducibles			\$	0.00
Reproduction			\$	
Shipping & Mail			\$	0.00
Other (Community Meeting Displays)			\$	0.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$0.00
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$0.00
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$0.00

Edna Astacio

From: Steven J. Davis
Sent: Friday, March 10, 2023 12:01 PM
To: Edna Astacio
Subject: FW: C&ES Overhead Rate

Mr. Steven J. Davis

President/CEO



Construction & Engineering Services Consultants, Inc.
9432 Baymeadows Rd, Suite 100
Jacksonville, FL 32256
904-652-1186 office
904-652-1191 fax
904-219-8778 cell
sdavis@candesconsults.com

From: Hahn, David <HAHN@coj.net>
Sent: Monday, August 22, 2022 5:21 AM
To: Steven J. Davis <sdavis@candesconsults.com>
Cc: Edna Astacio <eastacio@candesconsults.com>; VanSickle, Daniel <VanSickle@coj.net>
Subject: RE: C&ES Overhead Rate

Steve,

I think I have already told you, but just to be sure, this format will be acceptable. Just have your accountant sign it and use the 173.7% overhead rate.

David D. Hahn, P. E.
Engineer Manager
City of Jacksonville I Engineering Design Section
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202
(904) 255-8793
www.coj.net



ONE CITY. ONE JACKSONVILLE.

***Please note that under Florida's very broad public records law, email Communications to and from City of Jacksonville officials are subject to public disclosure.**

From: Steven J. Davis <sdavis@candesconsults.com>
Sent: Wednesday, August 17, 2022 3:21 PM
To: Hahn, David <HAHN@coj.net>
Cc: Edna Astacio <eastacio@candesconsults.com>
Subject: RE: C&ES Overhead Rate
Importance: High

EXTERNAL EMAIL: This email originated from a non-COJ email address. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Hi Dave,

Per your request our CPA sent us the spreadsheet this afternoon after talking to you with our up to date Overhead of 173.7% The attached spreadsheet has all the information you will need. If this is acceptable to you, please let us know. If you need it signed by the C&ES CPA please let us know. Thank you and have a wonderful afternoon.

Mr. Steven J. Davis

President/CEO



Construction & Engineering Services Consultants, Inc.
9432 Baymeadows Rd, Suite 100
Jacksonville, FL 32256
904-652-1186 office
904-652-1191 fax
904-219-8778 cell
sdavis@candesconsults.com

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CEI Services for Federally Funded Projects		2. Proposal Number P-46-22		
3. Name of Consultant ECS Florida, LLC		4. Date of Proposal 3/8/23		
PART II - LABOR-RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ 81.73	0	\$ 0.00	
Project Administrator	\$ 0.00	0	\$ 0.00	
Assistant Project Administrator	\$ 0.00	0	\$ 0.00	
Contract Support Specialist	\$ 0.00	0	\$ 0.00	
Senior Inspector	\$ 0.00	0	\$ 0.00	
Senior Bridge Inspector	\$ 0.00	0	\$ 0.00	
Senior Landscape Inspector	\$ 0.00	0	\$ 0.00	
Inspector	\$ 0.00	0	\$ 0.00	
Bridge Inspector	\$ 0.00	0	\$ 0.00	
Building Inspector	\$ 0.00	0	\$ 0.00	
Landscape Inspector	\$ 0.00	0	\$ 0.00	
Clerical	\$ 0.00	0	\$ 0.00	
RCS	\$ 0.00	0	\$ 0.00	
Senior Building Inspector	\$ 64.89	0	\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 236.60 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 22, 2022

Joe Champion, President
ECS FLORIDA, LLC
7064 David Creek Court
Jacksonville, Florida 32256

Dear Mr. Champion:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 9 - Soil Exploration, Material Testing and Foundations

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Laboratory Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Standard Foundation Studies
- 9.5 - Geotechnical Specialty Laboratory Testing

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
236.60%	163.46%	0.287%	Reimbursed	No	39.30%	45.93%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive style with a large, prominent "K".

Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CFI Services for Federally Funded Projects		2. Proposal Number P-46-22		
3. Name of Consultant Eisman & Russo, Inc.		4. Date of Proposal 3/8/23		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer		0	\$ 0.00	
Project Administrator		0	\$ 0.00	
Assistant Project Administrator	\$	0	\$ 0.00	
Contract Support Specialist	\$	0	\$ 0.00	
Senior Inspector	\$35.68	0	\$ 0.00	
Senior Bridge Inspector	\$	0	\$ 0.00	
Senior Landscape Inspector	\$	0	\$ 0.00	
Inspector	\$27.50	0	\$ 0.00	
Bridge Inspector	\$	0	\$ 0.00	
Building Inspector	\$	0	\$ 0.00	
Landscape Inspector	\$	0	\$ 0.00	
Clerical	\$22.00	0	\$ 0.00	
RCS	\$	0	\$ 0.00	
Senior Building Inspector	\$	0	\$ 0.00	
TOTAL DIRECT LABOR		-		\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 152.57 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

JARED W. PURDUE, P.E.
SECRETARY

June 11, 2022

Antonio Mahfoud, President/CEO
EISMAN & RUSSO, INC.
6455 Powers Avenue
Jacksonville, Florida 32217

Dear Mr. Mahfoud:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel
 - 10.5.3 - Major Bridge CEI - Segmental

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

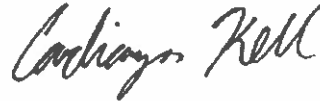
Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
151.75%	126.67%	0.284%	Reimbursed	No	0.54%	14.37%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in black ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

EXHIBIT B

PART I - GENERAL

1. Project COJ CEI for Federally Funded Horizontal and Vertical Projects	2. Proposal No. / Contract No. P-46-22
3. Name of Consultant or Subconsultant: ETM Surveying & Mapping, Inc. - Design Survey	4. Date of Proposal March 21, 2022

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
SUR Chief Surveyor	\$ 72.60		\$ 0.00	
SUR Project Surveyor	\$ 48.34		\$ 0.00	
SUR Survey Analyst 3 (Senior)	\$ 41.33		\$ 0.00	
SUR SUE Analyst 3 (Senior)	\$ 47.74		\$ 0.00	
SUR SUE Analyst 2 (Junior)	\$ 23.64		\$ 0.00	
SUR Clerical	\$ 23.87		\$ 0.00	
SUR Party Chief	\$ 34.20		\$ 0.00	
SUR Survey Technician 2 (Junior)	\$ 24.29		\$ 0.00	
SUR Survey Technician 1 (Entry)	\$ 20.35		\$ 0.00	
SUR SUE Technician 3 (Senior)	\$ 37.51		\$ 0.00	
SUR SUE Technician 2 (Junior)	\$ 32.00		\$ 0.00	
SUR SUE Technician 1 (Entry)	\$ 19.00		\$ 0.00	
TOTAL DIRECT LABOR	#DIV/0!	0		\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			171.486% x Total Direct Labor	\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7)			x	10%
				\$ -

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)		
Printing	\$	0.00
Transportation & Shipping	\$	0.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		
		\$ -
10. SUBCONSULTANTS (Lump Sum)		
	\$	
	\$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		
		\$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)		
	\$	
	\$	
SUB-TOTAL REIMBURSABLES		
		\$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	\$ -
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 23, 2022

Scott Graham, Vice President
ETM SURVEYING & MAPPING, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Graham:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 8 - Survey and Mapping
- 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
167.50%	0.406%	Reimbursed	No	3.58%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

EXHIBIT B

PART I - GENERAL				
1. Project CEI Services for Federally Funded Projects		2. Proposal Number P-46-22		
3. Name of Consultant GAI Consultants, Inc.		4. Date of Proposal 3/8/2023		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Senior Project Engineer	\$81.73	0.0	\$0.00	Rates provided. Estimated Hours TBD.
Project Administrator		0.0	\$0.00	
Secretary/Clerk	\$25.33	0.0	\$0.00	
Senior Inspector	\$35.68	0.0	\$0.00	
Inspector	\$27.50	0.0	\$0.00	
TOTAL DIRECT LABOR		0	Hours	\$0.00
6. Overhead (Combined Fringe Benefit & Administrative)			178.62%	\$0.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$0.00
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$0.00
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs			\$	
			\$	
			\$	
			\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)			\$	
			\$	
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$0.00
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$0.00
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$0.00
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Pittsburgh Office
385 East Waterfront Drive
Homestead, Pennsylvania 15120

EXHIBIT B
12/27/2020
F 412.476.2020

GAI Consultants, Inc.
Non-Governmental: Statement of Direct Labor, Fringe Benefits, and General Overhead
December 31, 2021

Description	Total Costs
Direct Labor	33,918,482
	33,918,482
Fringe Benefits:	
Holiday payroll	1,416,970
Vacation/Sick payroll	4,762,286
Retirement plans	3,104,069
Employee group insurance	4,269,257
Bonuses	3,736,476
Payroll taxes	4,298,106
Total fringe benefits	21,885,482
General Overhead:	
Indirect Labor	16,332,156
Administrative	379,361
Amortization expense	892,275
Bad debt expense	2,793,433
Books and subscriptions	68,331
Computer and programs	3,527,492
Depreciation	845,245
Insurance-general	1,513,487
Interest	164,683
Miscellaneous	50,674
Postage	43,612
Professional development	461,601
Professional fees	1,337,331
Promotion	439,031
Rent	6,175,445
Repairs and maintenance	494,728
Supplies	325,634
Taxes	1,726,867
Telephone	358,827
Travel expense	518,251
Utilities	450,704
Total general overhead	38,699,149
Total indirect costs	60,584,630
Percentage of direct labor	178.62%

I hereby certify the non-governmental: statement of direct labor, fringe benefits, and general overhead for GAI Consultants, Inc. to be accurate and current as of March 22, 2023.


Alexander S. Macmillan
Vice President / Controller



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 5, 2022

Kevin Leadbetter, Senior Vice President
G-A-I CONSULTANTS, INC.
618 East South Street, Suite 700
Orlando, Florida 32801

Dear Mr. Leadbetter:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 3.3 - Controlled Access Highway Design

Group 4 - Highway Design - Bridges

- 4.1.1 - Miscellaneous Structures
- 4.1.2 - Minor Bridge Design
- 4.2.1 - Major Bridge Design - Concrete
- 4.2.2 - Major Bridge Design - Steel

Group 5 - Bridge Inspection

- 5.1 - Conventional Bridge Inspection
- 5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing
- 6.3.1 - Intelligent Transportation Systems Analysis and Design
- 6.3.2 - Intelligent Transportation Systems Implementation

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel

- Group 11 - Engineering Contract Administration and Management

- Group 13 - Planning
 - 13.4 - Systems Planning
 - 13.6 - Land Planning/Engineering

- Group 15 - Landscape Architect

- Group 21 - Acquisition, Negotiation, Closing, and Order of Taking

- Group 24 - Acquisition Relocation Assistance

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
174.30%	138.12%	0.057%	Reimbursed	No	4.39%	21.85%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CEI Services for Federally Funded Projects			2. Proposal Number P-46-22	
3. Name of Consultant RS&H, Inc.			4. Date of Proposal 3/8/23	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ N/A	0	\$ 0.00	
Project Administrator	\$ N/A	0	\$ 0.00	
Assistant Project Administrator	\$ N/A	0	\$ 0.00	
Contract Support Specialist	\$ N/A	0	\$ 0.00	
Senior Inspector	\$ 35.68	0	\$ 0.00	
Senior Bridge Inspector	\$ N/A	0	\$ 0.00	
Senior ITS Inspector	\$ 35.00	0	\$ 0.00	
Inspector	\$ 27.50	0	\$ 0.00	
Bridge Inspector	\$ N/A	0	\$ 0.00	
Building Inspector	\$ N/A	0	\$ 0.00	
Landscape Inspector	\$ N/A	0	\$ 0.00	
Clerical	\$ N/A	0	\$ 0.00	
RCS	\$ N/A	0	\$ 0.00	
Senior Building Inspector	\$ N/A	0	\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 249.15 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 31, 2022

Edward Gonzelez, Vice President
RS&H, INC.
10748 Deerwood Park Boulevard, South
Jacksonville, Florida 32256

Dear Mr. Gonzalez:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
 - 4.2.1 - Major Bridge Design - Concrete
 - 4.2.2 - Major Bridge Design - Steel
 - 4.2.3 - Major Bridge Design - Segmental
- Group 5 - Bridge Inspection
 - 5.1 - Conventional Bridge Inspection
 - 5.2 - Movable Bridge Inspection
 - 5.3 - Complex Bridge Inspection
 - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
 - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel
 - 10.5.3 - Major Bridge CEI - Segmental
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
 - 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics
- Group 14 - Architect
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until September 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
176.95%	133.04%	0.143%	Reimbursed	No	3.59%	15.97%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CEI Services for Federally Funded Projects			2. Proposal Number P-46-22	
3. Name of Consultant VIA Consulting Services, Inc.			4. Date of Proposal 3/8/23	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ 80.00	0	\$ 0.00	
Project Administrator	\$ 52.00	0	\$ 0.00	
Assistant Project Administrator	\$ 0.00	0	\$ 0.00	
Contract Support Specialist	\$ 35.53	0	\$ 0.00	
Senior Inspector	\$ 35.00	0	\$ 0.00	
Senior Bridge Inspector	\$ 38.00	0	\$ 0.00	
Senior Landscape Inspector	\$ 0.00	0	\$ 0.00	
Inspector	\$ 26.00	0	\$ 0.00	
Bridge Inspector	\$ 0.00	0	\$ 0.00	
Building Inspector	\$ 0.00	0	\$ 0.00	
Landscape Inspector	\$ 0.00	0	\$ 0.00	
Clerical	\$ 22.00	0	\$ 0.00	
RCS	\$ 0.00	0	\$ 0.00	
Senior Building Inspector	\$ 0.00	0	\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 150 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7)				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

JARED W. PERDUE, P.E.
SECRETARY

June 10, 2022

Suzanna Milbrandt, President
VIA CONSULTING SERVICES, INC.
10250 Normandy Boulevard, Suite 304
Jacksonville, Florida 32221

Dear Ms. Milbrandt:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Field Direct Expense
95.92%	0.100%	Reimbursed	No	8.35%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator



ONE CITY ONE JACKSONVILLE

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

April 4, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director

FROM: Nikita Reed, P. E.
Public Works Project Manager

Thomas G. McKnight
Capital Improvement Construction Manager

SUBJECT: P-27-22 CONSTRUCTION ENGINEERING AND INSPECTION (CEI) SERVICES
FOR MEDICAL EXAMINER'S OFFICE

The Engineering Division has negotiated with the consultant selected for CEI Services for Medical Examiner's Office, resulting in the Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B, attached. JSEB firms to be utilized to meet the 30% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with AE Engineering, Inc. for CEI for the Medical Examiner's Office that includes the attached Scope of Services identified as Exhibit "A" and Rate Schedules, identified as Exhibit "B". Each project performed under this agreement shall be authorized by an individual Purchase Order with a not-to-exceed cost applicable thereto. The maximum indebtedness of the City pursuant to this agreement is \$1,800,000.00. The Period of Service will be to Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

SDL/lw

Attachment: Exhibits A & B
JSEB Participation

cc: Lori West, Engineering and Construction Management

**Section 4
Description of Services and Deliverables**

I. GENERAL:

This is a Request for Proposals (RFP) from Consultants to provide Construction Engineering and Inspection (CEI) services along with any required construction testing and other related professional services necessary to oversee the construction (by others) of the new approximately 52,000 square foot Medical Examiner's Office as described in Attachment M - 60% Design Narratives. The City reserves the right to perform some of the work required on the project or to specify the extent of the work needed for this project.

The City is interested in hiring a CEI firm with in-house or project team experience in the construction of moderate to large medical facilities.

II. ANTICIPATED CONSTRUCTION ENGINEERING AND INSPECTION (CEI) SERVICES:

Services to be provided under this contract may include, but may not be limited to, the following:

- Design Phase constructability reviews
- Schedule and conduct pre-construction conferences as necessary
- Ensure that all necessary private property agreements, utility agreements, construction easements and construction/environmental permits are on file.
- Issue Notices to Proceed to contractors
- Enforce and perform terms of the construction contracts between the City and its contractors
- Review shop drawings submitted by contractors for conformance to the specifications, and distribute to parties as necessary
- Review thoroughly and answer contractors' inquiries and RFI's in a timely manner
- Provide qualified construction inspectors to inspect the work to ensure that construction is proceeding in accordance with the specifications, and that work is constructed in conformance with the contract plans and specifications.
- Direct the contractor, after consultation with the City, on removal and replacement of defective work which does not meet specifications, or is otherwise incorrectly constructed
- Review and analyze contract change order requests and proposals to determine validity and potential cost/time impacts thereof, and recommend appropriate action to the City
- Review claims and disputes and recommend necessary actions
- Review and recommend for approval contract change orders and forward necessary documentation and paperwork to the City as to the necessity for such changes, including substantiation of the extra costs thereof
- Arrange for construction materials testing by third party testing laboratories and review test reports to ensure that materials installed meet the requirements of the contract documents
- Review construction inspection reports relating to the contractors' performance and communicate with each, if necessary, regarding non-conformance to plan specifications, workmanship, etc.
- Review contractors' requests for monthly progress payments and, if appropriate, certify pay application is proper and transmit to City with recommendation that the invoice be paid
- Review contractors' pay requests for compliance with minority business enterprise participation requirements
- Review contractors' proposals for additional work or change orders for compliance with minority business enterprise participation requirements
- Adjust requests for monthly progress payments, as necessary, to align amount of pay requested with actual progress of construction satisfactorily performed
- In the event of the need to revise the contract drawings during the construction period, coordinate with the City and the Design Consultant to obtain the revised originals from the design consultant, review the changes and corrections on behalf of the City, and coordinate the issuance of new prints for the revised drawings to the parties concerned
- Prepare and maintain monthly progress schedules and reports applicable to all phases of the construction operations, and such special reports as may be required to keep the City fully advised with respect to the progress of construction of the projects

- Monitor contractors' preparation of in-progress as-built drawings during the course of construction to ensure that final as-built drawings will be easily produced
- Collect final as-built drawings electronically and for each project, review for conformance with the contract documents and specifications, and recommend approval/disapproval to the City
- If final as-builts are recommended for disapproval, monitor contractor's preparation of revised final as-built drawings.
- Prepare a final engineering report on the construction status of each project, including lessons learned.
- Recommend in writing, that the City make final payment on a project when appropriate
- Collect documents and deliverables, including release of liens and consent of surety, when required, from the contractors prior to recommending that final payments be made
- Continue acting as the City's representative throughout the post-construction phase of the projects, which generally cover the contractors' one-year warranty periods
- Deliver final documents, including originals of construction drawings and specifications, approved mylar as-built drawings, a DVD with as-built drawings in AutoCAD or .pdf format, two sets of blue line prints and the projects files to the City
- Prepare and deliver final project financial accounting reports to the City
- Evaluate and rate the contractor's performance
- Direct the contractor to replace or correct defective work which becomes known during the warranty period
- Provide monthly status reports to the City concerning warranty activities and corrective work by contractors.
- Enforce all warranty provisions of the contract documents
- Schedule and conduct an eleven (11) month warranty inspection of projects including the contractors, design consultants and City personnel as appropriate
- Develop eleven-month warranty punchlist and forward to the contractor for corrective action
- Monitor contractor's performance on addressing the punchlist
- Advise the City, in writing, when contractors have satisfactorily completed their obligations under the warranty periods of the contracts
- Provide any other construction engineering and inspection services as may be necessary to implement a successful project

4.2 **CONSTRUCTION CEI RESPONSIBILITIES WITHIN THE CITY OF JACKSONVILLE'S TECHNOLOGY ENVIRONMENT:**

Construction Management and reporting will be a key aspect of an enterprise-wide management, reporting, and communications strategy based on the Intranet (for operational activities) and the Internet (for communication activities). The following paragraphs describe the technical environment as well as the key software components critical to the enterprise-wide strategy.

Technical Environment

The City of Jacksonville is seeking a CEI firm with strong technical skills to coordinate, manage and inspect this project using web, content management geographic information system (GIS), and e-commerce technology tools throughout the construction phase. Ideal candidate will establish project resource requirements and manage deliverables in a web-enabled environment. The CEI construction manager is expected to drive the delivery, to specification, on schedule and within budget, of this project using a centralized, enterprise-wide communications strategy supporting four components: GIS, project management, performance management and schedule management.

- 4.3 A detailed Scope of Services defining the exact performance requirements and contract schedule for this project will be developed during negotiations with the selected Consultant to establish terms of the agreement for professional services and consultant's fee and Purchase Orders Issued.

(End of Section 4 - Remainder of page intentionally left blank)

**CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL				
1. Project CEI Services for the Medical Examiner's Office		2. Proposal Number P-27-22		
3. Name of Consultant AE Engineering, Inc		4. Date of Proposal 02/13/23		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
Senior Engineer	\$ 82 40		\$ 0 00	
Project Administrator	\$ 56 65		\$ 0 00	
Assistant Project Administrator	\$ 46 25		\$ 0 00	
Contract Support Specialist	\$ 39 00		\$ 0 00	
Senior Inspector	\$ 37 20		\$ 0 00	
Senior Landscape Inspector	\$ 40 50		\$ 0 00	
Inspector	\$ 28 75		\$ 0 00	
Building Inspector	\$ 41 76		\$ 0 00	
Landscape Inspector	\$ 30 95		\$ 0 00	
Clerical	\$ 22 00		\$ 0 00	
RCS	\$ 30 50		\$ 0 00	
Senior Building Inspector	\$ 49 75		\$ 0 00	
TOTAL DIRECT LABOR	-			\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	174 115 % x Total Direct Labor			\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0 00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0 00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0 00
AMENDED AMOUNT OF CONTRACT				\$0.00



**2023 FEE SCHEDULE FOR PROFESSIONAL SERVICES
CONSTRUCTION MATERIALS TESTING**

SOILS AND AGGREGATE TESTING		
Proctor – Standard (ASTM D698 / AASHTO T99)	EACH	\$120
Proctor –Modified (ASTM D1557 / AASHTO T180)	EACH	\$150
Limerock Bearing Ratio (LBR) (FM 5-515)	EACH	\$325
Moisture Content (ASTM D2216)	EACH	\$15
Aggregate Sieve Analysis (AASHTO T27)	EACH	\$120
Aggregate Soundness	EACH	\$300
Coarse Aggregate Specific Gravity/Absorption	EACH	\$85
Fine Aggregate Specific Gravity/Absorption	EACH	\$115
Carbonate Content	EACH	\$95
Soils Particle Size Analysis (No Hydrometer)	EACH	\$65
Soils Particle Size Analysis (Includes Hydrometer)	EACH	\$165
Organic Content – Ignition Method	EACH	\$65
Atterberg Limits	EACH	\$80
Soil Specific Gravity	EACH	\$120
Permeability Constant Head / FM - T215	EACH	\$350
Corrosive Series (pH, Sulfate, Chloride, Resistivity)	EACH	\$190
pH of Soil or Water	EACH	\$85
Sulfate Content - Soil or Water	EACH	\$85
Chloride Content - Soil or Water	EACH	\$85
Resistivity - Soil or Water	EACH	\$65
In-situ Density Testing	EACH	\$18
Engineering Technician (up to 8 hours/day)	HOUR	\$55
Engineering Technician (over 8 hours/day)	HOUR	\$65
CONCRETE TESTING		
Concrete Cylinder Sampling - includes slump, air content, temperature, and molding (set of 5)	EACH	\$100
Casting of Additional Specimens	EACH	\$20
Additional Slump	EACH	\$10
Additional Air Content	EACH	\$10
Compressive Strength Test of Cylinders	EACH	\$20
Concrete Beam Sampling and Strength Testing	EACH	\$120
Concrete Grout Prism Sampling and Strength Testing (set of 4)	EACH	\$55
Engineering Technician (up to 8 hours/day)	HOUR	\$55
Engineering Technician (over 8 hours/day)	HOUR	\$65

ASPHALT TESTING		
Gyratory Compaction with Bulk Specific Gravity (ASTM D6925)	EACH	\$175
Theoretical Maximum Specific Gravity (ASTM D2041)	EACH	\$200
Asphalt Content by Ignition (ASTM D6307)	EACH	\$150
Mechanical Sieve Analysis of Extracted Aggregate (ASTM D5444)	EACH	\$210
Bulk Specific Gravity (ASTM D2726) (Trim & Bulk Cores)	EACH	\$95
Drilling/Patching Asphalt Core (+Tech Time)	EACH	\$35
Asphalt Level 1 Technician	HOUR	\$65
Asphalt Level 1 Technician (Over 8 hours)	HOUR	\$80
Asphalt Level 2 Technician	HOUR	\$75
Asphalt Level 2 Technician (Over 8 hours)	HOUR	\$90
Asphalt Project Manager	HOUR	\$95
Asphalt Admin	HOUR	\$60
Mobilization Fees		
< 50 Miles from Office	EACH	\$500
51-100 Miles from Office	EACH	\$1,000
101-150 Miles from Office	EACH	\$1,500
> 150 Miles from Office	EACH	TBD
PRIVATE PROVIDER BUILDING INSPECTION SERVICES		
Plans Review	PER SF	\$0.35
Building and Trades Inspections	EACH	\$200
Certified Building Inspector (Structural, Electrical, Mechanical)	HOUR	\$180
Welding Inspections	HOUR	\$105
BID Admin	HOUR	\$60
Permit Courier	TRIP	\$100
PROFESSIONAL SERVICES		
Senior Engineer, P.E. (Review, sign and seal reports)	HOUR	\$220
Administrative / Clerical / Reporting	HOUR	\$55
TRAVEL ASSOCIATED COSTS		
Overnight Accommodations (>75 miles from office, includes hotel and per diem)	NIGHT	\$375
Trip Charge (>75 miles from office, when trip does not include overnight stay)	EACH	\$150



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 12, 2022

Roderick Myrick, President
AE ENGINEERING, INC.
219 North Newnan Street, 4th Floor
Jacksonville, Florida 32202

Dear Mr. Myrick:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

Group 9 - Soil Exploration, Material Testing and Foundations

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Laboratory Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Standard Foundation Studies

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete

Group 13 - Planning

- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
160.59%^	119.91%^	0.305%	Reimbursed	No	0.00%	13.22%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

^For multi-year contracts, DOT has adjusted the overhead rates to mitigate the adverse impacts of Payroll Protection Program loan forgiveness. For information on the adjusted overhead rates, contact the district Procurement Office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT "B"
CONTRACT FEE SUMMARY
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL				
1. Project CEI Services for the Medical Examiner's Office		2. Proposal Number P-27-22		
3. Name of Consultant England-Thims & Miller, Inc.		4. Date of Proposal 01/13/23		
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rates	Estimated Hours	Estimated Cost	TOTAL
		0	\$ 0.00	
Senior Engineer	\$ 86.54	0	\$ 0.00	
Project Administrator	\$ 55.75	0	\$ 0.00	
Contract Support Specialist	\$ 35.00	0	\$ 0.00	
Senior Inspector	\$ 36.40	0	\$ 0.00	
Senior Landscape Inspector	\$ 43.00	0	\$ 0.00	
Inspector	\$ 27.50	0	\$ 0.00	
Landscape Inspector	\$ 28.00	0	\$ 0.00	
	\$ -	0	\$ 0.00	
	\$ -	0	\$ 0.00	
TOTAL DIRECT LABOR				\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate 181.961 % x Total Direct Labor				\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ -
TOTAL LABOR (Items 5, 6, 7 and 8)				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ -
11. Reimbursable Costs - Limiting Amount				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				\$ -
12. PRIOR CONTRACT AMOUNT				\$0.00
AMENDED AMOUNT OF CONTRACT				\$0.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 23, 2022

Christopher Wilkey, Chief Financial Officer
ENGLAND, THIMS & MILLER, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Wilkey:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design

- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing

- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel

- Group 13 - Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering

- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
216.18%	174.30%	0.201%	Reimbursed	No	6.18%	7.46%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Exhibit B
CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

EXHIBIT B

PART I - GENERAL

1. Project CEI Services for the Medical Examiner's Office	2. Proposal No. / Contract No. P-27-22
3. Name of Consultant or Subconsultant: kasper architects + associates	4. Date of Proposal January 13, 2023

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Senior Architect	\$ 67.27		\$ 0.00	
Architect	\$ 60.00		\$ 0.00	
Junior Architect	\$ 52.73		\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
TOTAL DIRECT LABOR	#DIV/0!	0		\$ -
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150 % x Total Direct Labor			\$ -
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ -
8. PROFIT: Labor Related Costs (Item 7)				
			x	10%
				\$ -

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)				
Printing			\$ 0.00	
Transportation & Shipping			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONSULTANTS (Lump Sum)				
			\$	
			\$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)				\$ -
11. SUBCONTRACTS (Reimbursable/Not to Exceed)				
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)		\$ -
12. TOTAL PRIOR CONTRACT AMOUNT		N.A.
TOTAL AMENDED CONTRACT AMOUNT		N.A.

SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR ETM Surveying & Mapping, Inc.

Proposal Number _____

1. Average hourly direct labor rates (without Fringe Benefits)

Principal / Project Manager (Responsible Professional)	\$ <u>72.60</u> hr.
Surveyor (Registered)	\$ <u>46.71</u> hr.
Crew Chief	\$ <u>26.67</u> hr.
Instrument Operator	\$ <u>21.20</u> hr.
Field assistant	\$ <u>17.38</u> hr.
Technician	\$ <u>39.90</u> hr.
Drafter or CADD Operator	\$ <u>26.46</u> hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>22.95</u> hr.
Sr. Utility Coordinator	\$ <u>42.67</u> hr.
SUE Analyst	\$ <u>21.73</u> hr.
SUE Crew Chief	\$ <u>35.89</u> hr.
SUE Instrument Technician	\$ <u>20.49</u> hr.
SUE Technician	\$ <u>16.54</u> hr.

- | | |
|--|-------------------|
| 2. Total Overhead Rate (to be applied to Direct Labor:) | <u>167.50</u> % |
| 3. Profit Rate (to be applied to Direct Labor plus Overhead) | <u>10.00</u> % |
| 4. Cost of 3-man survey crew per 8-hour day (If applicable) | \$ <u>N/A</u> hr. |
| 5. Cost of 4-man survey crew per 8-hour day (If applicable) | \$ <u>N/A</u> hr. |
| 6. Other Direct or Reimbursable Costs: | |

See attached for direct and reimbursable costs.

7. Estimated percentage of total fee to be performed by subconsultants %

8. Please provide any other relevant rates that may apply to this contract including average direct hourly labor rates for other categories of proposed personnel

NAME OF CONTRACTOR ETM Surveying & Mapping, Inc.

Proposal Number ___

Reimbursable Costs:

Description	Unit Price
VAC 0-4' Depth (each)	\$ 400.00
VAC >4'-8' Depth (each)	\$ 475.00
VAC >8'-12' Depth (each)	\$ 750.00
VAC >12'-16' Depth (each)	\$ 1,050.00
Exploratory test trench, VACE 0-4' (LF) (4' Depth)	\$ 800.00
Exploratory test trench, VACE >4'-8' (LF) (4' Depth)	\$ 1,600.00
Additive Alternate No. 1 – PAV 0-3" (each)	\$ 70.00
Additive Alternate No. 2 – PAV >3"-6" (each)	\$ 90.00
Additive Alternate No. 3 – PAV >6"-12" (each)	\$ 150.00
Additive Alternate No. 4 – PAV >12" (each)	\$ 170.00
MOT – FDOT Roadway – per day (to include time to obtain an approved FDOT Permit)	\$ 590.00 (Sub to ACME)
MOT – COJ Roadway – per day	\$ 350.00



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 23, 2022

Scott Graham, Vice President
ETM SURVEYING & MAPPING, INC.
14775 Old St. Augustine Road
Jacksonville, Florida 32258

Dear Mr. Graham:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2023, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
167.50%	0.406%	Reimbursed	No	3.58%

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: AE Engineering, Inc.

Project Title: CEI Services for the Medical Examiner's Office

Proposal Number: P-27-22 Total Base Proposal Amount (if applicable): _____

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
<u>AE Engineering, Inc.</u>	<u>African-American</u>	<u>CEI Services</u>	<u>85%</u>
<u>ETM, Inc.</u>	<u>N/A</u>	<u>CEI Services / Survey</u>	<u>13%</u>
<u>Kasper Architects & Associates</u>	<u>N/A</u>	<u>Architecture Design Review</u>	<u>2%</u>

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	85%
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	
Non-MBE Participation Total	15%

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: Cory W Nichols Digitally signed by Cory W Nichols
Date: 2023.01.13 22:46:09 -0500 Title: SVP Date: January 13, 2023

Print Name: Cory Nichols, P.E.



ONE CITY. ONE JACKSONVILLE

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

TO: Dustin Freeman, Chairperson
Professional Services Evaluation Committee

THRU Steven D. Long, Jr., P. E.
Director of Public Works

FROM: Robin Smith, P. E., Chief
Engineering and Construction Management Division

Tom McKnight, Manager, Construction Management Section
Engineering and Construction Management Division

DATE: April 12, 2023

**RE: REQUEST FOR PROPOSALS – RFP NO. P-06-23 JS#1
CONSTRUCTION ENGINEERING AND INSPECTION SERVICES FOR
VARIOUS CITY PROJECTS - ANNUAL CONTRACT – SET ASIDE**

Please take appropriate action to issue the attached Request for Proposals (RFP) for subject professional services.

The following information is furnished as required by the Ordinance Code and Procurement Department Regulations:

1. The general purpose of these services is stated in the accompanying RFP.
2. The objective of this request is to make available professional services as stated in the RFP.
3. The services shall be performed in accordance with negotiated time schedules.
4. The cost for these services is estimated at approximately \$3,000,000.
5. These services will not duplicate prior or existing work.
6. There are no current or prior services directly related to this request.
7. Coordination has been completed between the pertinent Divisions of the Department of Public Works for proper utilization of these services.
8. The Department of Public Works does not have the in-house capabilities to provide these services.

9. A subcommittee composed of Robin Smith, P. E., Chief, Engineering and Construction Management Division, 255-8710; and Tom McKnight, Manager, Construction Management Section, Engineering and Construction Management Division, 255-8744, is assigned to review submittals for this RFP.
10. Internal Services administrative costs should be charged to Account No. PWEN011AD.
11. Funding will be identified at the time purchase orders are issued for these services.
12. All firms who have expressed an interest in furnishing Professional Engineering Services as detailed in the RFP should be mailed a notice of this RFP.
13. The subcommittee members assigned to this RFP have read and understand the Procurement Administrative Code dated April 2022.
14. Four (4) weeks is believed to be sufficient time for interested parties to respond to this RFP.

We certify the contents of this memorandum are correct and true to the best of our knowledge.

Attachment: Request for Proposals
Risk Management Approval (sent by e-mail)
EBO Approval (sent by e-mail)

cc: Lori West, Contract Specialist, Engineering Division



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8782
www.coj.net

ONE CITY ONE JACKSONVILLE

April 10, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director of Public Works

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

Guy Parola
Operations Manager, Downtown Investment Authority

SUBJECT: P-30-20 Professional Engineering Services for 2-Way Mobility & Safety Enhancement Analysis & Design on Forsyth and Adams Contract # 71008-21 Amendment 1 PO 623489-21

Post design services are needed during the construction phase of the project. Negotiations have resulted in the attached Scope of Services, Exhibit C and Fee Summary, Exhibit D to provide these services. Prosser, Inc. is committed to meeting the 20% JSEB Participation goals established for this contract. There is no hourly rate change associated with this amendment; however, the overhead rate has increased from 170.14 % to 174.49%.

Accordingly, this is to recommend that Contract # 71008-21, originally executed June 15, 2021, between the City and Prosser, Inc. for Professional Engineering Services for 2-Way Mobility & Safety Enhancement Analysis & Design on Forsyth and Adams, be amended to incorporate the attached Scope of Services, Exhibit C and Fee Summary, Exhibit D to increase the lump sum amount by \$28,059.16 to a new lump sum amount of \$1,356,618.18 and to add a new not to exceed limit for Shop Drawings in the amount of \$5,000.00, thereby increasing the maximum indebtedness by \$33,059.16 to a new maximum amount of \$1,361,618.18. All other terms and conditions are as provided in the RFP and the City's standard contract language.

Funding for this project is as follows:

ACCOUNTS:	TOTAL
10801.135115.565050.010085.000.000.000	
010085	
DICP DIA Capital Projects-Other Construction Industry Dev.	
565050	
2	
10801-31101-010085	
	\$33,059.16

SDL/lw

Attachment: Exhibits A & B

cc: Lori West, Engineering and Construction Management
Jonathan Page, P.E., Engineering and Construction Management



Adams and Forsyth Two-way Mobility

April 8, 2023

Summary

This Scope of Services identifies the design services necessary for the Consultant to perform the post design services on the above-mentioned project. See staff-hours for further details. This amendment does not include work already negotiated in the original contract or any subsequent amendments.

Required Tasks

The tasks required to incorporate the scope changes above include the following items:

Task 1 – Develop Project Specifications/Bid Documents – We will assist the City Project Manager and Procurement office in modifying City Standard project specifications and bid documents. Such documents include the invitation to bid, contract time development, specification reviews, and project specific document modifications. This task includes responding to bid questions.

Task 2 – Pre-construction Attendance – The Consultant Project manager will attend one Pre-construction meeting to answer contractor questions, speak about the project, take notes, and provide follow-up as necessary.

Task 3 – Progress Meeting Attendance – The Consultant Project Manager or Engineer of Record will attend occasional progress meetings. This scope anticipates attendance at three (3) meetings at the request of the City Project Manager.

Task 4 – Shop Drawings/RFI's – We will review and respond to shop drawings and RFI's in a timely manner. This scope assumes no more than 6 Shop Drawings and 10 RFI's.

Task 5 – Final Walk-through – The Consultant Project Manager and Roadway Engineer of Record will attend one (1) final walk-through with the contractor and City staff at the request of the City Project Manager.

Task 6 – As-built Certifications – We will review and certify as-builts provided by the contractor given the contractor meets the as-built requirements in the plans and specifications.

Fee Summary

The additional fee required for tasks 1-6 above is \$33,059.16. See attached staff hours for detailed costs.

Additional Services

The same exclusions from the original contract still apply.

**CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL

1. Project Adams and Forsyth Two-way Mobility (Post Design)	2. Proposal No. / Contract No. P-30-20 6576-27
3. Name of Consultant Prosser, Inc	4. Date of Proposal 04/08/23

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$ 84.13	30	\$ 2,523.90	2,523.90
Chief Engineer	\$ 84.13	0	\$ 0.00	0.00
Senior Engineer	\$ 61.06	34	\$ 2,076.04	2,076.04
Engineer	\$ 49.04	65	\$ 3,187.60	3,187.60
Designer	\$ 35.70	0	\$ 0.00	0.00
Admin	\$ 19.75	4	\$ 79.00	79.00
Chief L/A	\$ 84.13	0	\$ 0.00	0.00
Sr L/A	\$ 48.08	12	\$ 576.96	576.96
L/A	\$ 44.71	19	\$ 849.49	849.49
Designer	\$ 28.85	0	\$ 0.00	0.00
TOTAL DIRECT LABOR	\$56.66	164		\$ 9,292.99
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			174.49 % x Total Direct Labor	\$ 16,215.34
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 25,508.33
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 2,550.83

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping		\$	0.00	
Original Reproducibles		\$	0.00	
Reproduction		\$	0.00	
Other		\$	0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
		\$	0.00	
		\$	0.00	
		\$	0.00	
		\$	0.00	
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 28,059.16
11. REIMBURSABLE COSTS (Limiting Amount)				
CSI		\$	5,000.00	Shop Drawings
Ohmega		\$	0.00	
CSI Geo		\$	0.00	
Smith Surveying		\$	0.00	
T2UE		\$	0.00	
Toole Design Group			0.00	
PMA			0.00	
SUB-TOTAL REIMBURSABLES				\$ 5,000.00

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 33,059.16
13. CURRENT CONTRACT AMOUNT	\$ 1,328,559.02
14. AMENDED CONTRACT AMOUNT	\$ 1,361,618.18



City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY ONE JACKSONVILLE

April 4, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

THRU: Steven D. Long, Jr., P.E.
Director

FROM: Robin G. Smith,
Chief, Engineering and Construction Management

Roy Birbal
Chief, Public Buildings

SUBJECT: P-23-16 Miscellaneous Architectural/Engineering Services
Contract # 1 0288 Amendment 3
Consultant Services Account Nos.: N/A
Internal Services Account No.: PWEN011AD

Contract #10288 between the City and TTV Architects, Inc. expired March 18, 2023 with no further renewals. Proposals received to replace this contract are going thru the approval process to select the #1 ranked firm. Continued services are needed until the replacement contract is executed. There is no rate increase associated with this amendment. TTV, Inc. is committed to meeting the 15% JSEB participation goals established for this contract.

Accordingly, this is to recommend that Contract # 10288, originally executed March 20, 2017, between the City of Jacksonville and TTV Architects, Inc. for Miscellaneous Architectural/Engineering Services be amended to ratify the dates and extend the expiration date from March 18, 2023 thru August 19, 2023, with all other terms and conditions of the Agreement remaining unchanged.

RGS/tw

cc: Lori A. West, Engineering Contract Specialist