

PUBLIC NOTICE
PSBC AGENDA
PROFESSIONAL SERVICES EVALUATION COMMITTEE MEETING
Thursday, January 12, 2023, 10:00 a.m.
Eighth Floor, Conference Room 851
Ed Ball Building, 214 N. Hogan Street
Jacksonville, FL 32202
Join Teams Meeting
Teams Meeting

Committee Members: Dustin Freeman, Chairman
 Brennan Merrell, Treasury
 James McCain, Jr., OCC

Subcommittee Members	ITEM #	TITLE & ACTION	MOTION	CONTRACT EXP	OUTCOME
Patrick Grebe Tracy Flynn	P-23-22	Fee & Contract Negotiations Casualty Actuarial Services Administration & Finance Department/Insurance and Risk Management Division	That the City of Jacksonville enter into an agreement with Pinnacle Actuarial Resources, Inc., to provide the Casualty Actuarial Services that incorporates the attached Scope of Services identified as Exhibit 'A' and Fee Summary identified as Exhibit 'B'; the period of services will be from execution of the contract through September 30, 2027; and the maximum indebtedness is a not-to-exceed amount of \$165,000.00. All other terms and conditions are per the City's standard contract language and as provided in the Request for Proposal.		
Paul Barrett Roger Phillips	P-Q3-23 PP91	Single Source/Proprietary Award Financial Advisory Services Finance and Administration Department/Treasury Division	That the City of Jacksonville enters into a proprietary agreement with PFM, Inc., to continue to provide Financial Advisory Services for the Treasury Division by incorporating the attached Scope of Services identified as Exhibit 'A' and Fee Schedule identified as Exhibit 'B'; the maximum indebtedness is a not-to-exceed amount of \$4,473,000.00; the period of services will be from February 1, 2023, thru January 31, 2026, with two, 2-year renewals available at terms mutually agreeable. All other terms and conditions are per the City's standard contract language and Contract # 10219.		
Will Williams Robin Smith	P-29-21	Contract Amendment No. 1 Engineering Services for Beach Renourishment Projects - Annual Contract Department of Public Works/Engineering & Construction Management Division	That Contract No. 71758-22, originally executed June 23, 2022, between the City of Jacksonville and Olsen Associates, Inc., for Coastal Engineering Services for Beach Renourishment Projects be amended to incorporate the attached Scope of Services identified as Exhibit 'C' and Contract Fee Service identified as Exhibit 'D'; to increase the not-to-exceed amount for Professional Coastal Engineering Services by \$91,897.00 to a new amount of \$424,692.00; thereby, increasing the maximum indebtedness to the City by \$91,897.00, to a new not-to-exceed amount of \$424,692.00. All other terms and conditions shall remain the same.		
Will Williams Robin Smith	P-14-20	Contract Amendment No. 1 Wetland Identification, Mitigation and Related Permitting Activities - Annual Contract Department of Public Works Engineering & Construction Management Division	That Contract No. 70746-21, originally executed February 3, 2021, between the City and Alpha Envirotech Consulting, Inc., for Wetland Identification, Mitigations and Related Permitting Activities be amended to extend the period of service from February 3, 2023, thru February 2, 2025, and to increase the rates as requested in Exhibit 'C' with all other terms and conditions remaining the same.		
Jonathan Page Jill Enz	P-24-22	Subcommittee Report Professional Services for Metropolitan Park Design Department of Public Works/Engineering & Construction Management Division	It is the consensus of the committee that of the six (6) proposals received in response to the Request for Proposal (RFP) All were found to be responsive, interested, qualified, and available to provide the required services. The ranking of first, second and third, designates the order of qualification of these firms to perform the required services and alphabetically they are: 1) Chlitz, Inc. 2) Dlx, Hite + Partners, Inc. 3) Scarpe Landscape Architecture D.P.C., Inc. We recommend the above list is forwarded to the Mayor for final selection so that fee and contract negotiations may begin with Chlitz, Inc., the number one (1) ranked firm.		
Robin Smith James Carroll	P-22-18	Contract Amendment No. 3 Professional Design Services for Duval Road Widening from Dunn Avenue to I-295 Department of Public Works/Engineering & Construction Management Division	That Contract No. 10747, originally executed February 3, 2020, between the City of Jacksonville and Alfred Benesch & Company for Professional Design Services for Duval Road Widening from Dunn Avenue to I-295, be amended to incorporate the attached Scope of Services identified as Exhibit 'F' and Contract Fee Summary identified as Exhibit 'G'; to increase the rates as requested and to increase the lump sum amount for Design Services by \$2,272,739.81 to a new amount of \$1,683,267.18; increase the not-to-exceed limits for		

Robin Smith Tom McInight	P-49-22	Subcommittee Report Construction Engineering and Inspection Services For The RiverEdge Development Project Department of Public Works/Engineering & Construction Management Division	<p>Environment/Geotechnical Services by \$191,125.12 to a new limit of \$242,512.19, Survey by \$248,828.55, to a new limit of \$455,089.74, cultural services by \$47,419.16 to a new limit of \$55,551.79, Contamination Assessment by \$26,805.09 to a new limit of \$33,793.93 and to add new not-to-exceed limits for Public Meetings in the amount of \$2,000.00 and Contingency in the amount of \$30,000.00, thereby increasing the maximum indebtedness to the City by \$1,918,717.73 to a new maximum of \$2,509,125.83. All other terms and conditions, as previously amended, shall remain the same.</p> <p>It is the consensus of the committee that of the one proposal received in response to the Request for Proposal (RFP) was found to be responsive, interested, qualified and available to provide the required services and that company is:</p> <p style="text-align: center;">1) VIA Consulting Services, Inc.</p>
Daryl Joseph Nikita Reed	P-40-21	Fee & Contract Negotiations Professional Services for New Road Park Department of Public Works/Engineering & Construction Management Division	<p>We recommend the above list is forwarded to the Mayor for final selection so that fee and contract negotiations may begin with VIA Consulting Services, Inc, the number one (1) ranked firm.</p> <p>That the City of Jacksonville enter into a contract with Construction and Engineering Services Consultants, Inc., for Professional Services for New Road Park that incorporates the attached Scope of Services Identified as Exhibit 'A' and Contract Fee Schedule Identified as Exhibit 'B' to provide a lump-sum amount for Design Services in the amount of \$475,995.74 and not-to-exceed limits for Permitting in the amount of \$3,000,000; Geotechnical in the amount of \$19,247.77, SUE in the amount of \$4,800,000, Survey in the amount of \$18,955.86 and Contingency in the amount of \$25,000.00, with a maximum indebtedness to the City in the amount of \$546,999.37, the period of service will be from execution of the contract through project completion. All other terms and conditions are per the Request for Proposal and the City's standard contract language.</p>
Melissa Long Nikita Reed	P-43-22	Fee & Contract Negotiations NPDES Engineering and Permit Administration Services Department of Public Works/Engineering & Construction Management Division	<p>That the City of Jacksonville enter a contract with England, Thins & Miller, Inc., for NPDES Engineering and Permit Administration Services 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 NPDES Engineering and Permit Administration Services in the amount of \$842,140.28 and not-to-exceed limits for: PWD Special Project Requests in the amount of \$25,000.00; ECD Special Project Requests in the amount of \$25,000.00; and M&LW Division Special Project Requests in the amount of \$35,000.00 with the maximum indebtedness to the City in the amount of \$922,140.28. The Initial Period of Service will be for one (1) year with the option to extend such contract for two (2) additional one-year periods upon satisfactory performance by the Consultant.</p>

Meeting Adjourned

"The next PSEC meeting is scheduled to be held on Thursday, January 26, 2023."



ONE CITY. ONE JACKSONVILLE.

City of Jacksonville, Florida

Lenny Curry, Mayor

Division of Insurance and Risk Management
117 West Duval Street
Suite 335
Jacksonville, FL 32202
(904) 255-5310
www.coj.net

MEMORANDUM

January 3, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

FROM: Patrick Greive, Director
Finance & Administration Department

Tracy Flynn, Risk Manager
Risk Management Division

SUBJECT: P-23-22 Casualty Actuarial Services

Paul Burnett
on behalf of
Patrick "Joey" Greive

The Finance and Administration Department/Risk Management Division has negotiated with the number one ranked consultant that submitted a proposal and was selected to provide the Casualty Actuarial Services, resulting in the attached Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B.

Accordingly, this is to recommend that the City of Jacksonville enter into an agreement with Pinnacle to provide the Casualty Actuarial Services that incorporates the attached Scope of Services identified as Exhibit A and Fee Schedule identified as Exhibit B. The initial contract period will be from date of execution of contract to September 30, 2027. The maximum indebtedness is a not-to-exceed amount of \$165,000.00. All other terms and conditions of the contract are as per the City's standard contract language and as provided in the Request for Proposal.

Attachments: Exhibits A & B

cc: Alex Baker, PSEC Specialist

Section 4 Description of Services and Deliverables

Contents

- 4.1 Background
 - 4.2 Casualty Actuarial Report
 - 4.3 External Auditors and/or City Consultants
 - 4.4 Miscellaneous
- 4.1 **Background.**

The City of Jacksonville is a consolidated municipal government which combines the City of Jacksonville and the County of Duval into one functioning unit to deliver services to its citizens. As such, the City is authorized by the laws of the State of Florida and Ordinances of the City of Jacksonville to self-insure certain risks for the government as a whole. The Risk Management's Self-Insurance Program includes the following areas of liability:

1. Workers' Compensation
2. Automobile Liability
3. General Liability (including miscellaneous liabilities such as public officials liability)

The City Ordinance, Chapter 128-Risk Management Program, establishing the City of Jacksonville's Self-Insurance Program authorizes independent agencies of the City of Jacksonville to participate in the Risk Management Self-Insurance Program. Currently, the City and the following independent agencies are participants of the Risk Management Self-Insurance Program:

1. City of Jacksonville (and it's 8, or more, delineated components for Workers' Compensation)
 - a. Heart Hypertension Fire
 - b. Heart Hypertension Sheriff
 - c. Other Claims Fire
 - d. Other Claims Sheriff
 - e. Other Claims City
 - f. PTSD - Fire
 - g. PTSD - Sheriff
 - h. PTSD - Corrections
2. Jacksonville Port Authority (Jaxport)
3. JEA (Electric Business Unit)
4. JEA (Water/Sewer Business Unit)
5. Jacksonville Housing Authority
6. Jacksonville Aviation Authority (4)
 - a. Heart Hypertension Sheriff Aviation
 - b. Non-Heart Hypertension Sheriff Aviation
 - c. Other Claims - Aviation
 - d. PTSD - Sheriff Aviation

EXHIBIT 'A'

The City of Jacksonville has been self-insured for Workers' Compensation, Automobile liability, and General Liability exposures since October 1, 1977. Risk Management's Self-Insurance Program is fully funded on a discounted basis for case reserves and incurred but not reported IBNR losses, and includes a provision for unallocated loss adjustment expense (ULAE) for the internal legal costs and other administrative costs to administer claims. Total funding was \$144.8 million as of September 30, 2021.

As of September 30, 2021 there were 1603 open workers' compensation claims (see table below), 508 general liability claims and 274 automobile claims.

*Open Claims
Valued as of
9/30/21*

Coverage Code	Coverage Description	Claim Count
	Workers' Compensation	1603
20	General Liability	508
30	Automobile Liability	274

A. Governmental Accounting Standards Board Statement Number 10 ("GASB 10"), entitled "Accounting and Financial Reporting for Risk Financing and Related Insurance Issues," is now effective for the City including a provision for ULAE. There shall be supplemental schedules showing ten years and twenty years of claim development information for Workers' Compensation, and General and Automobile Liability for Comprehensive Annual Financial Report ("CAFR") purposes. For internal purposes, the schedule will go back as far as the data will allow.

B. The Self-Insurance Program is managed by the Risk Management Division, Department of Finance, City of Jacksonville, FL. The actuarial services requested herein shall be utilized by the Risk Management Division as a basis to evaluate and determine the City's ultimate loss reserve, ULAE, and the annual financial contribution of projected ultimate limited losses required from each participant of the Risk Management Self-Insurance Program which shall be provided on an undiscounted and discounted basis for a two year period including six years of projected losses paid.

C. The City of Jacksonville seeks to gain clarity and transparency in understanding of all assumptions relied upon during the preparation and in advance of the issuance of the final Actuarial Report. The City reserves the right to have such assumptions and other pertinent information summarized and included in the final Actuarial Report.

4.2 CASUALTYACTUARIALREPORT

An actuarial study/valuation of the Risk Management's Self-Insurance Program shall be conducted, including workers' compensation, automobile liability and general liability, in accordance with GASB 10. A copy of the annual Actuarial Report valued as of September 30, 2021, and presently being utilized by the Self Insurance Program is available upon request.

Specifically, the actuarial reports (annual and interim, as applicable) shall include:

1. The Self Insurance program has six equity participants for Auto Liability, General Liability and Workers' Compensation. The actuarial estimates and data must be presented by participant and in total of all participants as shown in the current report.

Contents

- 4.5 Background
 - 4.6 Casualty Actuarial Report
 - 4.7 External Auditors and/or City Consultants
 - 4.8 Miscellaneous
- 4.2 Background.

The City of Jacksonville is a consolidated municipal government which combines the City of Jacksonville and the County of Duval into one functioning unit to deliver services to its citizens. As such, the City is authorized by the laws of the State of Florida and Ordinances of the City of Jacksonville to self-insure certain risks for the government as a whole. The Risk Management's Self-Insurance Program includes the following areas of liability:

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2. Automobile Liability
3. General Liability (including miscellaneous liabilities such as public officials liability)

The City Ordinance, Chapter 128-Risk Management Program, establishing the City of Jacksonville's Self-Insurance Program authorizes independent agencies of the City of Jacksonville to participate in the Risk Management Self-Insurance Program. Currently, the City and the following independent agencies are participants of the Risk Management Self-Insurance Program:

7. City of Jacksonville (and it's 8 or more, delineated components for Workers' Compensation)
 - a. Heart Hypertension Fire
 - b. Heart Hypertension Sheriff
 - c. Other Claims Fire
 - d. Other Claims Sheriff
 - e. Other Claims City
 - f. PTSD - Fire
 - g. PTSD - Sheriff
 - h. PTSD - Corrections
8. Jacksonville Port Authority (Jaxport)
9. JEA (Electric Business Unit)
10. JEA (Water/Sewer Business Unit)
11. Jacksonville Housing Authority
12. Jacksonville Aviation Authority (4)
 - a. Heart Hypertension Sheriff Aviation

- b. Non-Heart Hypertension Sheriff Aviation
- c. Other Claims – Aviation
- d. PTSD – Sheriff Aviation

The City of Jacksonville has been self-insured for Workers’ Compensation, Automobile liability, and General Liability exposures since October 1, 1977. Risk Management’s Self-Insurance Program is fully funded on a discounted basis for case reserves and incurred but not reported IBNR losses, and includes a provision for unallocated loss adjustment expense (ULAE) for the internal legal costs and other administrative costs to administer claims. Total funding was \$234.8 million as of March 31, 2022.

As of September 30, 2017, there were 1,277 open workers’ compensation claims (see table below), 559 general liability claims and 187 automobile claims.

*Open Claims
Valued as of
9/30/21*

Coverage Code	Coverage Description	Claim Count
	Workers’ Compensation	1603
20	General Liability	508
30	Automobile Liability	274

D. Governmental Accounting Standards Board Statement Number 10 (“GASB 10”), entitled “Accounting and Financial Reporting for Risk Financing and Related Insurance Issues,” is now effective for the City including a provision for ULAE. There shall be supplemental schedules showing ten years and twenty years of claim development information for Workers’ Compensation, and General and Automobile Liability for Comprehensive Annual Financial Report (“CAFR”) purposes. For internal purposes, the schedule will go back as far as the data will allow.

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F. The City of Jacksonville and associated agencies seeks to gain clarity and transparency in understanding of all assumptions relied upon during the preparation and in advance of the issuance of the final Actuarial Report. The City reserves the right to have such assumptions and other pertinent information summarized and included in the final Actuarial Report.

4.3 CASUALTY ACTUARIAL REPORT

An actuarial study/valuation of the Risk Management's Self-Insurance Program shall be conducted, including workers' compensation, automobile liability and general liability, in accordance with GASB 10. A copy of the annual Actuarial Report valued as of September 30, 2021, and presently being utilized by the Self Insurance Program is available upon request.

Specifically, the actuarial reports (annual and interim, as applicable) shall include:

1. The Self Insurance program has six equity participants for Auto Liability, General Liability and Workers' Compensation. The actuarial estimates and data must be presented by participant and in total of all participants as shown in the current report.
 - a. The City of Jacksonville
 - b. Jacksonville Port Authority (Jaxport)
 - c. JEA (Electric Business Unit)
 - d. JEA (Water/Sewer Business Unit)
 - e. Jacksonville Housing Authority
 - f. Jacksonville Aviation Authority

For Workers' Compensation estimates, the City of Jacksonville is further delineated into eight components:

- i. Heart Hypertension Fire (Workers' Compensation Only)
- ii. Heart Hypertension Sheriff (Workers' Compensation Only)
- iii. Other Claims Fire (Workers' Compensation Only)
- iv. Other Claims Sheriff (Workers' Compensation Only)
- v. Other Claims City (Workers' Compensation Only)
- vi. PTSD Fire (Workers' Compensation Only)
- vii. PTSD Sheriff (Workers' Compensation Only)
- viii. PTSD Corrections (workers' Compensation Only)

The Jacksonville Aviation Authority is further delineated into four components:

- i. Heart Hypertension Sheriff (Workers' Compensation Only)
- ii. Other Claims Sheriff (Workers Compensation Only)
- iii. Other Claims Aviation (Workers Compensation Only)
- iv. PTSD Sheriff Aviation (Workers' Compensation Only)

Additional future components will be added.

For liability estimates, the City of Jacksonville is delineated into three components:

- i. Sheriff
 - ii. Fire
 - iii. Other City
2. An estimate of the outstanding liabilities for workers' compensation, automobile liability and general liability as of September 30, on both a discounted and non-discounted basis.
 3. The audit report can utilize industry standard data such as NCCI (National Council on Compensation Insurance) not as exclusive means of information, but in conjunction with specific historical data from The City.
 4. There shall be supplemental schedules showing ten (10) and twenty (20) years of claim development information for Workers' Compensation, and General and Automobile Liability for ACFR purposes. For internal purposes, the schedule will go back as far as the data will allow.
 5. This report for ACFR purposes shall provide ten (10) and twenty (20) years of historical claims development information projecting Ultimate Limited Losses, Limited Paid Losses, and Limited Reported Incurred Losses for Workers' Compensation, General & Auto Liability.
 6. Funding recommendations associated with the projections of Ultimate Limited Losses for the next two (2) fiscal years. Projected Ultimate Limited Losses will be on a non- discounted and discounted (present value) basis and at various confidence levels (refer to 9/30/21 actuarial report for examples).
 7. An estimate of projected Paid Losses during the next six (6) fiscal years (refer to 9/30/21 actuarial report for examples).
 8. Work with the City to develop new actuarial schedules to provide cash flow/paid loss projections on a claim year basis to assist in developing investment strategies for reserves.
 9. Listing of large losses for General Liability, Automobile Liability and each segment of the Workers' Compensation program. Annually, the City and Actuary will agree upon reasonable thresholds for the large loss reports.
 10. Projected undiscounted ultimate losses for the next two (2) fiscal years at alternative retentions to be provided by the City.
 11. Submission of an initial annual actuarial report in draft format no later than 5:00 pm EST of the Friday of the first full week in November of the contract year at 5:00 pm EST.
 12. The actuarial firm must provide an updated interim actuarial report with data valued as of March 31. This interim actuarial report will be completed by no later than 5:00 pm EST of the last business day of April.
 13. The City reserves the right to have two (2) on-site visits as requested for a fixed fee per visit including all travel and professional expenses included in the fixed fee for the on-site visit.
 14. Be reasonably available for discussion (either in person or via conference call) with the

- Risk Management representatives to discuss the actuarial services provided.
15. All information, assumptions, data and analysis that are used and relied upon will be disclosed to the City during preparation and prior to the final actuary report to allow the City an opportunity to validate all assumptions. The City reserves the right to have summarized in the final actuary report all information, assumptions, data and analyses that are relied upon.
 16. Must have technical capability to accept downloads from the City's claim database system, currently ORIGAMI - ORIGAMI Platform claims system. Any special requirements for re-formatting of data must be disclosed in advance of the contract award. Proposer must provide a listing of all documents/data required for completion of report.
 17. If the City changes from the current claims management system, the Actuary will be responsible for coordinating with the new claims management system so that the Actuary continues to have the capability to accept downloads. The Actuary will be responsible for any costs associated with this transition.

4.3 EXTERNAL AUDITORS and/or CITY CONSULTANTS

1. The respondent will coordinate and provide appropriate data and analysis, and written and oral responses for the actuarial report as requested to other professional(s) such as the City's external auditors, and actuaries of the external auditors, as directed by the City. This information will be provided without any additional billable time or expense to the City excluding travel.
2. The original billed amount for the actuarial report will include any requests to provide additional information that will bring clarity to the existing reports.

4.4 MISCELLANEOUS

Based upon the information made available to the City as a result of the scope of services ultimately rendered pursuant to the RFP, the City may request certain additional actuarial consulting services within the scope and nature of this RFP.

Accordingly, proposals submitted in response to the RFP should provide an hourly rate applicable to future additional requested services not specifically requested in the RFP. These services would be similar in scope and nature to the actuarial study.

- a. The City of Jacksonville
- b. Jacksonville Port Authority (Jaxport)
- c. JEA (Electric Business Unit)
- d. JEA (Water/Sewer Business Unit)
- e. Jacksonville Housing Authority
- f. Jacksonville Aviation Authority

For Workers' Compensation estimates, the City of Jacksonville is further delineated into eight components:

- i. Heart Hypertension Fire (Workers' Compensation Only)
- ii. Heart Hypertension Sheriff (Workers' Compensation Only)
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- iv. Other Claims Sheriff (Workers' Compensation Only)
- v. Other Claims City (Workers' Compensation Only)
- vi. PTSD Fire (Workers' Compensation Only)
- vii. PTSD Sheriff (Workers' Compensation Only)
- viii. PTSD Corrections (Workers' Compensation Only)

The Jacksonville Aviation Authority is further delineated into four components:

- i. Heart Hypertension Sheriff (Workers' Compensation Only)
- ii. Other Claims Sheriff (Workers Compensation Only)
- iii. Other Claims Aviation (Workers Compensation Only)
- iv. PTSD Sheriff Aviation (Workers' Compensation Only)

Additional future components will be added.

For liability estimates, the City of Jacksonville is delineated into three components:

- iv. Sheriff
 - v. Fire
 - vi. Other City
- 4.4 An estimate of the outstanding liabilities for workers' compensation, automobile liability and general liability as of September 30, on both a discounted and non-discounted basis.
- 4.5 The audit report can utilize industry standard data such as NCCI (National Council on Compensation Insurance) not as exclusive means of information, but in conjunction with specific historical data from The City.
- 4.6 There shall be supplemental schedules showing ten (10) and twenty (20) years of claim development information for Workers' Compensation, and General and Automobile Liability for ACFR purposes. For internal purposes, the schedule will go back as far as the data will allow.
- 4.7 This report for ACFR purposes shall provide ten (10) and twenty (20) years of historical claims development information projecting Ultimate Limited Losses, Limited Paid Losses, and Limited Reported Incurred Losses for Workers' Compensation, General & Auto Liability.
- 1. Funding recommendations associated with the projections of Ultimate Limited Losses for the next two (2) fiscal years. Projected Ultimate Limited Losses will be on a non-discounted and discounted (present value) basis and at various confidence levels (refer to 9/30/21 actuarial report for examples).
 - 2. An estimate of projected Paid Losses during the next six (6) fiscal years (refer to 9/30/21 actuarial report for examples).

3. Work with the City to develop new actuarial schedules to provide cash flow/paid loss projections on a claim year basis to assist in developing investment strategies for reserves.
4. Listing of large losses for General Liability, Automobile Liability and each segment of the Workers' Compensation program. Annually, the City and Actuary will agree upon reasonable thresholds for the large loss reports.
5. Projected undiscounted ultimate losses for the next two (2) fiscal years at alternative retentions to be provided by the City.
6. Submission of an initial annual actuarial report in draft format no later than 5:00 pm EST of the Friday of the first full week in November of the contract year at 5:00 pm EST.
7. The actuarial firm must provide an updated interim actuarial report with data valued as of March 31. This interim actuarial report will be completed by no later than 5:00 pm EST of the last business day of April.
8. The City reserves the right to have two (2) on-site visits as requested for a fixed fee per visit including all travel and professional expenses included in the fixed fee for the on-site visit.
9. Be reasonably available for discussion (either in person or via conference call) with the Risk Management representatives to discuss the actuarial services provided.
10. All information, assumptions, data and analysis that are used and relied upon will be disclosed to the City during preparation and prior to the final actuary report to allow the City an opportunity to validate all assumptions. The City reserves the right to have summarized in the final actuary report all information, assumptions, data and analyses that are relied upon.
11. Must have technical capability to accept downloads from the City's claim database system, currently ORIGAMI - ORIGAMI Platform claims system. Any special requirements for re-formatting of data must be disclosed in advance of the contract award. Proposer must provide a listing of all documents/data required for completion of report.
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4.4 EXTERNAL AUDITORS and/or CITY CONSULTANTS

1. The respondent will coordinate and provide appropriate data and analysis, and written and oral responses for the actuarial report as requested to other professional(s) such as the City's external auditors, and actuaries of the external auditors, as directed by the City. This information will be provided without any additional billable time or expense to the City excluding travel.
2. The original billed amount for the actuarial report will include any requests to provide additional information that will bring clarity to the existing reports.

4.4. MISCELLANEOUS

Based upon the information made available to the City as a result of the scope of services ultimately rendered pursuant to the RFP, the City may request certain additional actuarial consulting services within the scope and nature of this RFP.

Accordingly, proposals submitted in response to the RFP should provide an hourly rate applicable to future additional requested services not specifically requested in the RFP. These services would be similar in scope and nature to the actuarial study.

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

Form 1 - Price Sheet

NAME OF CONSULTANT Pinnacle Actuarial Resources, Inc.

Proposal Number P-23-22

SCHEDULE OF PROPOSED PRICES/RATES

1. Flat Fee (payable upon completion of project or upon completion of listed deliverables):
\$22,000 for Annual Study as of 9/30 and \$18,000 for Interim Study as of March 31

2. If charges are based on hours worked, the hourly direct labor rates (without Fringe Benefits) are:
Principal (Partner or Senior Officer): \$ _____ hr.
Project Manager (Responsible Professional): \$ _____ hr.

3. Other Direct Project Costs per Unit (please specify)
\$750 per requested visit to Jacksonville, Florida _____

4. Estimated percentage of total fee to be performed by sub-contractors 0 %

5. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel
None

EXhibit 'B'

It should be noted that timely delivery and accuracy of the required data elements to Pinnacle will be paramount to our ability to meet the aforementioned deadlines. In the event of any data and information delays or discrepancies, Pinnacle will endeavor to maintain the original timeline.

Pinnacle understands how important budget management is to our clients. We propose a fixed fee of \$22,000 for the annual report using September 30 data and a fixed fee of \$18,000 for the interim report as of March 31.

For future additional requested services not specifically outlined in this RFP, we will bill on a time and expense basis based on the following hourly fee schedule.

<u>Name or Title</u>	<u>Role</u>	<u>2022 Rate</u>
Daniel Linton, FCAS, MAAA	Lead Actuary	410
James Wencil, ACAS, MAAA	Project Manager	315
Chris Schubert, FCAS, MAAA	Peer Reviewer	315
Senior Actuarial Analyst	Lead Analyst	255
Actuarial Analyst	Technical Reviewer	235
Administrative Staff		125

Pinnacle commonly extends billing rates to public entities that are 20% less than our standard billing rates.

These rates will also apply to any additional work requested by the City beyond the scope of the RFP. If these specific employees are not available for some unforeseen reason, they will only be replaced with comparable staff in the same job category with similar experience and capabilities and only after client approval.

10. THE VOLUME OF CURRENT AND PRIOR WORK PERFORMED FOR USING AGENCIES SHALL BE CONSIDERED A MINUS FACTOR

Provide a list of all local government projects including the fees awarded for each on which Contractor has been awarded during the past five (5) years. Include only those projects on which Contractor was the Prime Contractor (do not delete fees paid to subcontractors or others). Such list shall include all work for the City of Jacksonville and its various "using agencies," which is defined in the Jacksonville Ordinance Code as "a department, division, office, board, agency, commission or other unit of Buyer and independent agency required by law or voluntarily requesting to utilize the services of the [Procurement] Division"; and on projects undertaken with others that are similar in nature to the size and scope of professional services and/or work required for the project solicitation herein. If the Contractor has not performed work for any of these agencies during the past five (5) years, the response should so clearly state. The minus factor methodology for this criterion will be based on the fees awarded. The higher the volume of fees the lower the score, less volume of fees the higher the score. (5 points maximum score)

Pinnacle does not currently provide any services to the City of Jacksonville or any of its agencies and has not done so in the past five (5) years.



City of Jacksonville, Florida

Finance and Administration Department
117 West Duval Street, Suite 300
Jacksonville, FL 32202
(904) 630-1640
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ONE CITY. ONE
JACKSONVILLE.

January 5, 2023

MEMORANDUM

TO: Dustin Freeman, Chairman, Professional Services Evaluation Committee

FROM: Roger Phillips, Senior Debt Manager 

RE: Proprietary Award to Public Finance Management Inc. for Financial Advisory Services

*P-01-23
PP#1*

The City's existing Agreement with Public Finance Management Inc. ("PFM") (Contract No. 10219) expires on January 31, 2023 with the City having exhausted both of its two, two-year renewal options. COJ Treasury intends to execute a fresh contract with PFM Inc., substantially similar to the existing Agreement.

PFM has served as COJ's Financial Advisor for over 20+ years with primary scope of advisory relating to the issuance of various forms of financial debt structures and related instruments. It possesses deep familiarity with COJ's debt liabilities (both short and long term) as well as the requisite experience and expertise to support COJ's ongoing and future debt related activities.

PFM has confirmed its willingness and ability to enter into a new three-year agreement with similar terms as the existing contract, with an increased fee structure of approximately 10% reflecting the inflationary increases. The other terms of the Agreement, including the maximum indebtedness amount are kept substantially the same as the existing Agreement.

Pursuant to Section 126.313 of the City Code of Ordinances and the Pension and Treasury Procurement Procedures, the Treasury Division intends to:

- (i) on a proprietary basis, award a three-year contract to PFM with an expiration date of January 31, 2026; and
- (ii) embed the option in the Agreement (subject to COJ Treasury's discretion) extend the new contract up to twice, each extension lasting for up to two years; and
- (iii) establish a maximum indebtedness amount of the contract of \$4,473,000.00, in line with the current maximum indebtedness of the Agreement.

SOLE SOURCE/PROPRIETARY REQUEST

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.

REQUESTING AGENCY (DEPT./DIVISION): Finance/ Treasury

PROPRIETARY

SOLE SOURCE

FUNDING SOURCE: Cost of Issuance of Bond Deals – AFTR011 professional services as backup

BRIEF DESCRIPTION OF GOODS/SERVICES:

Financial Advisory Services, primarily related to bond transactions

AMOUNT OF PROJECT (attach quote): Varies with size of bond deals per schedule attached

PROVIDE A SUMMARY OF THE SCOPE OF GOODS/SERVICES TO BE PROVIDED; IDENTIFY EACH ITEM, COMPONENT OR SERVICE BEING PROCURED (ATTACH QUOTE/ PROPOSAL):

Financial Advisory Services, primarily related to bond transactions. The financial advisor assists the city with structuring bond deals in an efficient manner to minimize the cost to the City of its financing needs. The advisor also helps with the selection of related service providers and assists the city with various financial analyses.

PROVIDE A DETAILED JUSTIFICATION AS TO WHY THE REQUESTED GOODS/SERVICES CAN ONLY BE EFFICIENTLY AND EFFECTIVELY PROCURED THROUGH THE RECOMMENDED PROPRIETARY/SOLE SOURCE PROVIDER:

This provider has built significant knowledge of the inner workings of the City's debt and financial operations. They are positioned to provide more precise and specific recommendations than their few other peers at this time.

ASSERT THAT YOU HAVE RESEARCHED THE AVAILABILITY OF THE REQUESTED GOODS/ SERVICES FROM OTHER SOURCES IN APPLICABLE MARKETS AND HAVE DISCUSSED AND EVALUATED THE SAME WITH COJ'S PROCUREMENT AND EBO DIVISIONS:

We reviewed the cost-competitiveness of the very limited universe of providers of financial advisory services to public institutions. In addition, we weighted the importance of familiarity with COJ's financial history, as well as the depth and breadth of knowledge required to provide such specific financial advisory. We concluded that PFM Inc. was the natural go-to invaluable resource for such services.

Submitted by: Roger Phillips [Signature] Senior Debt Manager
(Name) (Title)

Date: January 9, 2023

Requesting Agency Director's Signature: [Signature] Paul Barrett on behalf of Patrick "Joey" Greiner

EXHIBIT "A"
[Five (5) Pages]
CITY OF JACKSONVILLE,
FLORIDA
SCOPE OF SERVICES
FINANCIAL ADVISOR

I. DESCRIPTION

Overview:

The Consolidated City of Jacksonville, Florida ("City") is seeking the services of **Public Financial Management, Inc.** to serve as Financial Advisor(s) (or "Consultant") to provide advice and recommendations in conjunction with financial planning, portfolio management, bond issues management (including refunding, economic development and other bond programs), debt management, swaps, arbitrage rebate calculation and strategies, and structured investment products. In order to comply with regulatory requirements and other limitations, certain services provided for in the Scope of Services may be provided by affiliates of the Consultant including, but not limited to PFM Swap Advisors, LLC, PFM Asset Management LLC, PFM Financial Advisors LLC, and PFM Ventures LLC.

The City will be seeking services from such Consultant. that will better maximize the City's monetary structure and new financing programs.

A. Various Bond Programs:

As used herein, the term "bonds" shall include but not be limited to bonds, notes, commercial paper and other types of obligations, whether fixed or variable rate, whether sold by negotiation or competitive bid and whether taxable or tax-exempt and shall also include letters of credit, bridge loans and other types of financing transactions.

The Consultant may additionally be assigned to serve- as Financial Advisor on various "new money" bond issues that may be addressed by the City during the engagement. The City shall retain the option to solicit new proposals for such potential future engagements on a case-by-case basis.

The scope of Consultant services shall also extend to financial advisory services to be provided in conjunction with escrow restructuring programs for currently defeased debt and various financial initiatives and proposals.

B. SWAPS:

The City utilizes interest rate swaps to manage the interest rate risk associated with various .assets and liabilities. The City will use the Consultant to aid in issuance and termination of swaps pursuant to the City's debt policy guidelines.

C. Other City Related Entities:

As a benefit from certain local governmental consolidated purchasing utilizing common selection procedures and the City Purchasing Code, the City desires to make available the services of the Financial Advisor(s) to other City related entities, but solely on an as-need basis and on a voluntary basis as determined by the City

related entity. The Financial Advisor(s) may be called upon to provide services to other City related entities, including but not limited to, the Jacksonville Children's Commission, the Jacksonville Economic Development Commission, Jacksonville Housing Finance Authority and the Jacksonville Transportation Authority and other similar "using agencies"; provided, however, any and all such services shall be completely voluntary and at the sole election of the other City related entity.

D. Related Services:

The City also seeks services to strengthen the tools available to the City for anticipating its future fiscal position, and identifying initiatives to expand revenues, contain spending, and improve its credit rating without relying upon tax increases or significant service reductions; as such the City is seeking a five-year strategic financial management plan.

II. SERVICES OF THE CONSULTANT

A. Services to be provided by the Consultant shall include, but are not limited to, the following:

1. Consult with the administrative staff of the City and other financial vendors to develop financing plans for consideration by the City. Discuss various financing alternatives and advise the administrative staff on the financing structure that would better suit the City's financial needs.
2. Represent the City at all meetings and scheduled conference calls to discuss all proposed financing and debt issuances.
3. Coordinate any debt or financial assignments issued under the City's new underwriting team concept. Discuss with the administrative staff the proposed structures that would better suit the City's financial needs.
4. Analyze the financial and other economic factors relating to the City in regard to the issuance of any proposed Bonds and other financial matters that generate a cost savings or maximizes the City's financial position or capabilities.
5. Evaluate whether the City should proceed with any plan to issue such debt based upon the City's bonding capacity and available revenues.
6. Provide advice to the City regarding the feasibility of the various financing methods available in the issuance of such Bonds, and, if feasible, to provide advice and recommendations to the City as to the most advantageous method of structuring the financing and the marketing of the bonds such as sale of bonds (or notes) by competitive bidding or negotiated sale.
 - a. If competitive bidding is advised, to assist the City and Bond Counsel in the notice of bond sale and bid form.
 - b. If a negotiated sale is advised, to make recommendations as to the number of investment bankers that should be used to assure an optimum sale of the bonds and to recommend to the City whether to accept or reject the offer of the investment bankers.
7. At the City's request, create and monitor an Asset Management program for the City that incorporates the overall financial position of the City as it relates to current/ future debt, financing programs, cash management and other financial

instruments.

8. Evaluate the City's current and future SWAP program. Provide an ongoing monitoring process that determines the financial position for each SWAP.
- B. Services to be provided by the Consultant if the bond issue is determined to be feasible and is authorized by the City Council:
1. Meet with representatives of the City and with the parties designated for such purposes by the City at all reasonable times after reasonable notice.
 2. Recommend the necessary provisions and covenants of the City to be contained in the bond ordinance including but not limited to bond amounts, dates, maturities, interest rates, redemption provisions, flow of funds, debt service coverage requirements, reserve funds, rates and charges, security pledges and conditions relating to the issuance of any additional bonds.
 3. Coordinate work with the attorneys of the City and the Director of Administration and Finance and the Treasurer of the City, including nationally recognized bond counsel regarding the financial and security provisions to be contained in the instruments authorizing and securing the bonds. Attend hearings and otherwise assist, to the extent reasonable, necessary and proper in matters required by Administrative, Judicial, Legislative and other governmental bodies, including testimony, exhibits and services as an expert witness in the proceedings to validate the bonds.
 4. Prepare any necessary illustrations, charts, graphic presentations and other information of use to the public, potential underwriters and investors. •
 5. Prepare information necessary to obtain a favorable bond rating and make presentation of this information to the bond rating organizations.
 6. Assist the City in supporting Disclosure Counsel's preparation of the "Official Statement" and arrange for its distribution to potential underwriters, rating agencies and large investors. The Official Statement should be presented in a form familiar to bond underwriters.
 7. Initiate and conduct an information program designed to stimulate interest of underwriters and investors to purchase the bonds.
 8. Attend any sale of the bonds to advise the City whether awarding the sale of bonds to the buyer is in the best interest of the City.
 9. Advise and assist the City in arranging for printing, execution, and signing and delivering of the bonds and in closing after the bond sale, including scheduling and arranging for the investment of proceeds of the bond sale in compliance with arbitrage regulations, if requested.
- C. Services to be provided by the Financial Advisor, if requested by the City, as related to an Assets Management program to include:
1. Monitor the City's debt capacity based on current and future issuances.
 2. Provide financing ideas for cash flows, debt structures and refunding opportunities that are aligned with the City's Debt Management Policy on an ongoing basis.

Exhibit "B"

Fee Proposal

EXHIBIT "B"

Fee Proposal

Based on the proposed scope of services and the commitment of designated personnel, PFM proposes the following fee schedules:

A. Transactional Fee Schedules:

For all services related to the Issuance of debt, we propose the following "\$/\$1,000" fee schedule this fee schedule is the same for negotiated and competitive transactions; new money and refunding transactions; fixed rate, variable rate, and commercial paper; taxable, private activity, and tax-exempt bonds; public sales and private placements. Multiple purpose bond issues (e.g. new money plus refunding bonds in one or more series sold under one official statement and AMT/Non-AMT bond series sold under one official statement) and synthetic fixed or variable rate transactions shall be treated as separate transactions for purposes of determining the fee unless otherwise mutually agreed upon by the City and PFM. PFM will undertake all transactions on a contingent fee basis subject to successful transaction closing.

Type of Issue per \$1,000

Bond Issues:

\$1.00 per \$1,000 of proceeds, up to \$30,000,000

\$0.60 per 1,000 of proceeds from \$30,000,001 to \$60,000,000

\$0.35 per \$1,000 of proceeds over \$60,000,000

PFM would charge a minimum fee of \$20,000 and a maximum fee of \$80,000 per transaction. We believe this fee cap adequately protects the City and still provides PFM a fair fee basis. We are able to hold our proposed fees constant at these very reasonable levels going forward and still provide superior service by the addition of the retainer fees described below.

Swaps

Swaps structured as qualified hedge transactions will follow the same fee structure as bond issues. Swaps structured as separate transactions, such as those associated with the asset-liability management program, will be billed based on the complexity of the transaction.

B. Monthly Retainer Related to Debt Management, Swaps, and Asset-Liability Management

PFM will provide complete on-call support for the City's bond, swap, and asset liability management programs for a monthly retainer of \$6,000. As referenced throughout this proposal, PFM routinely maintains a variety of long-term planning models (primarily the ongoing BJP programs) and debt related quantitative analyses. We have offered the City periodic swap monitoring (including valuations and financial reporting), asset-liability position analysis, and interest rate risk assessment services.

PFM will also support City rating agency communications. All of these ongoing services are critical to the successful implementation of the City's overall debt and asset management programs. The monthly retainer fee will cover all these services and provide the City with PFM as an effective extension of its finance staff.

Fee Proposal

Hourly rates are described below:

<u>Experience Level</u>	<u>Hourly Rate</u>
Managing Director	\$275.00
Senior Managing Consultant	\$220.00
Consultant	\$200.00
Research Associate	\$100.00
Associate	\$0.00

Invoices would be submitted monthly.

D. Other Services - Structured Investments, Investment Consulting, Arbitrage Rebate Services and Other:

In addition to advising on bond transactions; PFM is often called upon to perform related capital planning and investment duties. These may include structuring and implementation of the refunding escrow, debt service reserve and debt service payment fund investment structuring, arbitrage rebate compliance, investment agreement and float contract bidding, investment liquidation, Interest rate swap termination, pension analysis, capital planning, cash flow modeling, cash management analysis, labor consulting, strategic planning, banking services consulting, and other financial services not described above. These services are subject to separate fees to be negotiated in advance at the time of the service. PFM cannot predict which, if any, of these optional services the City may want to use in the future, and therefore cannot estimate the additional costs to the City. These services may be provided by PFM affiliates as described herein.

E. Expenses

For all services described herein, PFM proposes the following rates for reimbursable direct expenses incurred in providing financial advisory services to the City. Expenses will be capped at \$2,500 per transaction. Out of State travel will be reimbursed at cost separate from the cap.



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

December 6, 2022

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

FROM: Will Williams *Will Williams*
Director of Operations

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

SUBJECT: P-29-21 Engineering Services for Beach Renourishment Projects- Annual Contract
Contract # 71759-22 PO 641428-22 Amendment 1

Additional services and costs associated with Hurricanes Ian and Nicole damage and repair assessment are needed that are associated with post damage and repair assessments to the dune and beach along the Duval County shoreline. Negotiations have resulted in the attached Scope of Services, Exhibit C and Contract Fee Schedule, Exhibit D. The encouragement plan was utilized for this contract.

Accordingly, this is to recommend that Contract 71759-22, originally executed June 23, 2022 between the City of Jacksonville and Olsen Associates, Inc. for Coastal Engineering Services for Beach Renourishment Projects be amended to incorporate the attached Scope of Services identified as Exhibit "C" and Fee Schedule identified as Exhibit "D", to increase the not to exceed limit for Professional Coastal Engineering Services by \$91,897.00 to a new limit of \$424,692.00, thereby increasing the maximum indebtedness to the City by \$91,897.00 to a new maximum indebtedness of \$424,692.00. All other terms and conditions are as provided in the RFP and the City's standard contract language.

Funding for the amendment to be encumbered as follows:

Accounts	Total
11404.153003.549006.001803.00.00.00	
001803	
PWEN Beach & Dune Restoration	
549006	
2	
11404-381910-PWE00416	
	\$91,897.00

RGS/lw

Attachments: Exhibits A & B

cc: Lori A. West, Engineering and Construction Management
Gary Goldsberry, P.E. Engineering and Construction Management

**Coastal Engineering Services for Beach Renourishment:
Hurricane Ian & Hurricane Nicole Storm Damage & Repair Assessment**

Additional Scope of Services

Olsen Associates, Inc.

(November 17, 2022)

Hurricane Ian (Sept 2022).

1. Conduct pre-storm ground photo-documentation assessment of Duval County Shore Protection Project (DCSPP) dunes and beach, along R31-R80, 2 days prior to storm.
2. Conduct post-storm ground photo-documentation and assessment of post-storm damage from Hurricane Ian along R31-R80, and prepare report with pre/post-storm preliminary quantitative & descriptive assessment of dune & beach erosion and dune vegetation losses, with representative pre/post-storm photographs – within 5 days after storm impacts.
3. Conduct upland-wading beach survey of post-storm dune & beach, at 2000-ft alongshore spacing from R31-R79 (every 2nd monument) within 10 days post-storm. Prepare quantitative report of measured beach & dune fill erosion, and volume-to-fill 2019 construction template, using pre-storm (May 2022) and post-storm (Oct 2022) profile surveys. Submit reports and data to COJ, USACE, FDEP within 15 days post-storm.
4. Liaise with Beaches Cities, as required, for provision of emergency street-end closures with dune sand from upland sources, per project's FDEP permit, including coordination with Beaches Sea Turtle Patrol & COJ & FDEP.
5. Prepare draft correspondence for COJ requesting USACE Project-Information-Report (PIR) assessment of beach/dune erosion for repairs to be constructed with additional federal flood rehabilitation (FCCE) funds. Prepare draft correspondence for COJ to request supplemental federal funds for beach/dune erosion repair and concurrent authorization & funding for Feasibility Study for continued 50-year federal participation in the DCSPP project.
6. Liaise with USACE for project construction and cost-share options to (a) conduct storm repairs at increased federal funding and (b) include dune repairs within the DCSPP with federal/USACE funding.
7. Provide dune storm damage assessment evaluations to FEMA. Coordinate beach-driving logistics and attend preliminary damage assessment site visit with FEMA/FDEM/COJ officials (12 Oct 2022).
8. Prepare cost projections for post-Ian beach and dune repairs. for COJ, for various cost-share scenarios of project funding between USACE/FEMA/FDEP/COJ.
9. Seek a deadline extension and expedite COJ's approval of draft PPA amendment to incorporate dunes into the project renourishment prior to 7-day extended post-Ian deadline.
10. Provide project-related documents to COJ/FEMA for dune repairs, if/as required, for FEMA's cost-share of dune repairs, if dune repairs are not conducted in cost-share partnership with USACE. Continue to track probable optimum path for dune repairs to be constructed (funded) within or separable from the 2023/24 DCSPP renourishment.

Hurricane/TS Nicole (Nov 2022).

11. Collate pre-storm ground photo-documentation assessment of Duval County Shore Protection Project (DCSPP) dunes and beach, along R31-R80, utilizing the pre- and post-Hurricane Ian data, for reproduction after Hurricane Nicole -- with post-Ian documentation (1 October 2022) representing the pre-Nicole conditions.
12. Conduct post-storm ground photo-documentation and assessment of post-storm damage from Hurricane Nicole along R31-R80, and prepare report with pre/post-storm preliminary quantitative & descriptive assessment of dune & beach erosion and dune vegetation losses, with representative pre/post-storm photographs – within 5 days after storm impacts (by 15 November 2022).
13. Conduct upland-wading beach survey of post-storm dune & beach, at 2000-ft alongshore spacing from R31-R79 (every 2nd monument) within 2 weeks post-storm, repeating that performed after Hurricane Ian. Prepare quantitative report of measured beach & dune fill erosion, and volume-to-fill 2019 construction template, using pre-storm (Oct 2022/post-Ian) and post-storm (Nov 2022/post-Nicole) profile surveys. Submit reports and data to COJ, USACE, FDEP within approximately 3 weeks post-Nicole (by ~1 Dec 2022).
14. Liaise with Beaches Cities, as required, for provision of emergency street-end closures with dune sand from upland sources, per project's FDEP permit, including coordination with Beaches Sea Turtle Patrol & COJ & FDEP.
15. Prepare draft correspondence for COJ requesting USACE Project-Information-Report (PIR) assessment of beach/dune erosion for post-Nicole repairs to be constructed with potential additional federal flood rehabilitation (FCCE) funding.
16. Liaise with USACE for project construction and cost-share options to (a) conduct storm repairs at increased federal funding and (b) include dune repairs within the DCSPP with federal/USACE funding – combining both post-Ian and post-Nicole storm damages.
17. Provide dune storm damage assessment evaluations to FEMA. Attend site visit requested by COJ for preliminary damage assessment with COJ/USACE personnel, for FEMA.
18. Prepare cost projections for post-Ian & post-Nicole beach and dune repairs, for COJ, for various cost-share scenarios of project funding between USACE/FEMA/FDEP/COJ. Submit cost requirements to FDEP for additional post-storm State cost-share funding.
19. Provide project-related documents to COJ/FEMA for dune repairs, if/as required, for FEMA's cost-share of dune repairs, if dune repairs are not conducted in cost-share partnership with USACE. Continue to track probable optimum path for dune repairs to be constructed (funded) within or separable from the 2023/24 DCSPP renourishment.
20. Coordinate with USACE project management, and participate in USACE project development team (PDT) meetings, to identify optimum contract mechanisms, cost-share scenarios, and accelerated project schedules to construct beach/dune repairs and renourishment in 2023/24.
21. Coordinate with USACE/BOEM to identify potential modifications to the upcoming lease agreement for the DCSPP offshore borrow area to allow for increased post-storm renourishment dredge requirements and to optimize net extraction of the sand resource volume (to minimize the amount of available sand left remaining within the borrow area).

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

PART I - GENERAL				
1. Project Coastal Engineering Services for Beach Renourishment Projects (P-29-21)			2. Proposal Number P-29-21 Supplement - Hurr. Ian & Nicole Damage Assessment	
3. Name of Consultant Olsen Associates, Inc.			4. Date of Proposal 11/17/22	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	\$82.91	178	\$14,757.98	
Senior Coastal Engineer	\$62.73	90	\$5,645.70	
Coastal Engineer III	\$47.82	0	\$0.00	
Coastal Engineer II	\$40.55	0	\$0.00	
Coastal Engineer I	\$37.46	142	\$5,319.32	
Draftsman	\$31.28	8	\$250.24	
Admin Assistant	\$31.28	20	\$625.60	
TOTAL DIRECT LABOR		438	Hours	\$26,598.84
6. Overhead (Combined Fringe Benefit & Administrative)				\$39,898.26
				150%
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$66,497.10
8. PROFIT: Labor Related Costs (Item 7)				\$6,649.71
				x 10%
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 (Items 5, 6, 8, 9 and 10)				\$73,146.81
11. REIMBURSABLE COSTS (Limiting Amount)				
Hydrographic surveys (ARC Surveys & Mapping)			\$ 18,750.00	
SUB-TOTAL REIMBURSABLES				\$18,750.00
PART IV - SUMMARY				
TOTAL AMOUNT OF AMENDMENT #1 (Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$91,897
12. PRIOR CONTRACT AMOUNT (Through Amendment # N/A)				\$332,795.00
AMENDED AMOUNT OF CONTRACT				\$424,692

Subcontractor: ARC Surveying & Mapping, Inc
 Coastal (Bathymetric/Topographic) Beach Surveys for Post-Storm Monitoring
 Proposed Cost to Olsen Associates Inc for City of Jacksonville Beach Renourishment P-29-21

Allowance for 25 ONSHORE/WADING Profile Lines - Duval County, FL (POST-STORM IAN)

LABOR	RATE	O. H. FACTOR	RATE	10% PROFIT	BILLABLE RATE	HRS.	TOTAL	TOTAL LABOR & EQUIPMENT
Project Mgr	\$ 36.00	1.50	\$ 90.00	\$ 9.00	\$ 99.00	10	\$ 990.00	
3 Man Crew	\$ 52.91	1.50	\$ 132.28	\$ 13.23	\$ 145.50	38	\$ 5,529.00	
Drafting	\$ 27.27	1.50	\$ 68.19	\$ 6.82	\$ 75.00	22	\$ 1,650.00	
TOTAL LABOR					\$ 116.70	70		\$ 8,169

EQUIPMENT

RTK/GPS	\$ 396.00		2.5 days @ \$396/day				\$ 990.00	
ATV+fuel	\$ 87.50		2.5 days @ \$87.50/day				\$ 218.75	
25' Boat	\$ 500.00		0 days @ \$500/day				\$ -	
Fathometer Motion Compensator	\$ 100.00		0 days @ \$100/day				\$ -	
Less Adjustment	\$ 230.00		0 days @ \$230/day				\$ -	
							\$ (3.00)	
								\$ 1,206

TOTAL LABOR & EQUIPMENT PER SURVEY SET (25 lines) *Cost/Line=* 25 \$ 375.00 \$ **9,375**

Allowance for 25 ONSHORE/WADING Profile Lines - Duval County, FL (POST-STORM NICOLE)

LABOR	RATE	O. H. FACTOR	RATE	10% PROFIT	BILLABLE RATE	HRS.	TOTAL	TOTAL LABOR & EQUIPMENT
Project Mgr	\$ 36.00	1.50	\$ 90.00	\$ 9.00	\$ 99.00	10	\$ 990.00	
3 Man Crew	\$ 52.91	1.50	\$ 132.28	\$ 13.23	\$ 145.50	38	\$ 5,529.00	
Drafting	\$ 27.27	1.50	\$ 68.19	\$ 6.82	\$ 75.00	22	\$ 1,650.00	
TOTAL LABOR					\$ 116.70	70		\$ 8,169

EQUIPMENT

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ATV+fuel	\$ 87.50		2.5 days @ \$87.50/day				\$ 218.75	
25' Boat	\$ 500.00		0 days @ \$500/day				\$ -	
Fathometer Motion Compensator	\$ 100.00		0 days @ \$100/day				\$ -	
Less Adjustment	\$ 230.00		0 days @ \$230/day				\$ -	
							\$ (3.00)	
								\$ 1,206

TOTAL LABOR & EQUIPMENT PER SURVEY SET (25 lines) *Cost/Line=* 25 \$ 375.00 \$ **9,375**

TOTAL: POST-STORM DUNE/BEACH SURVEY ALLOWANCE FOR H. IAN & NICOLE = \$ **18,750**



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.

December 22, 2022

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

FROM: Will Williams
Director of Operations

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

Nikita Reed, P.E.
Public Works Project Manager

SUBJECT: P-14-20 Wetland Identification, Mitigation and Related Permitting Activities -
Annual Contract Contract 70746-21 Amendment 1

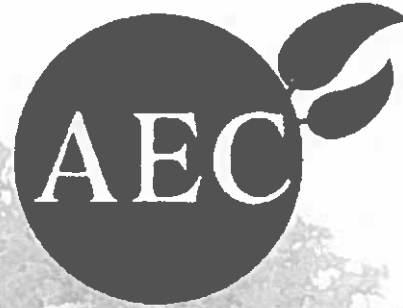
Contract 70746-21 between the City and Alpha Envirotech Consulting, Inc. for Wetland Identification, Mitigation and Related Permitting Activities is set to expire February 3, 2023. All work has been performed satisfactorily for the past two years. Section 1.2 of the contract allows for two, two-year renewals. Therefore, we wish to extend the contract for the 1st of the two-year renewals. In addition, the consultant has requested a rate increase for themselves as well as their subconsultants. Alpha Envirotech is committed to meeting the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that Contract 70746-21, originally executed February 3, 2021, between the City and Alpha Envirotech Consulting, Inc. for Wetland Identification, Mitigation and Related Permitting Activities be amended to extend the period of service from February 3, 2023 thru February 2, 2025 and to increase the rates as requested in Exhibit C with all other terms and conditions of the Agreement remaining unchanged.

RGS/lw

Attachments: Exhibit C

cc: Lori A. West, Engineering & Construction Management
David D. Hahn, P.E., Engineering & Construction Management



**ALPHA ENVIROTECH
CONSULTING, INC.**

AEC Team Response to:
The City of Jacksonville
Professional Services for
Wetland Identification,
Mitigation and Related
Permitting Activities -
Annual Contract

P-14-20

11.17.2022

1) SCOPE OF SERVICES

EXHIBIT "A"
SCOPE OF SERVICES

DESCRIPTION:

Services provided under this contract are for a Consultant to provide professional environmental services, wetland mitigation construction supervision, wetlands planting, mitigation monitoring and maintenance, as may be needed by the City from time to time on various design, construction and maintenance projects. It is expected that a detailed scope of services and fee will be negotiated on each project which may include, but not be limited to, the following:

A. Site Assessments

1. Conduct site assessments to determine the extent of jurisdictional wetlands including detailed descriptions of vegetative communities, permitting options, quality/classification of wetlands via the Uniform Mitigation Assessment Method (UMAM) and other pertinent environmental observations.
2. Produce mapping of the extent of wetlands on a property including the ability to provide GPS coordinates of wetland flagging points. Accompany and/or coordinate with land surveyors as needed to formally survey a wetland line.
3. Locate the limits of jurisdictional wetlands including verification, if needed, with personnel of appropriate regulatory agencies including the U. S. Army Corps of Engineers (COE), Florida Department of Environmental Protection (FDEP), St. Johns River Water Management District (SJRWMD) and any other agency that may regulate wetlands.
4. Conduct surveys to determine the existence of endangered or threatened species on project sites and advise the City of probable impact on such species and potential mitigation required for such impact.

B. Environmental Permitting

1. Advise the City on environmental permitting requirements and options and assist the City in complying with Agency procedures for obtaining permits.
2. Prepare and submit permit applications for dredging and/or fill within wetlands or waterbodies, negotiate permitting conditions with such agencies, and prepare responses to such agencies for additional information or other requirements.

C. Wetland Mitigation/Stormwater Treatment

1. Design mitigation or stormwater treatment plans as may be required by the various regulatory agencies to compensate for impact of construction projects in wetlands or for creation of wet detention systems.
2. Negotiate wetland mitigation requirements with regulatory agencies including specific permit conditions and working with the various mitigation banks to obtain pricing and credit availability.
3. Monitor wetland mitigation procedures and provide reporting as required by permit or regulatory agencies.

D. Environmental Monitoring and Reports

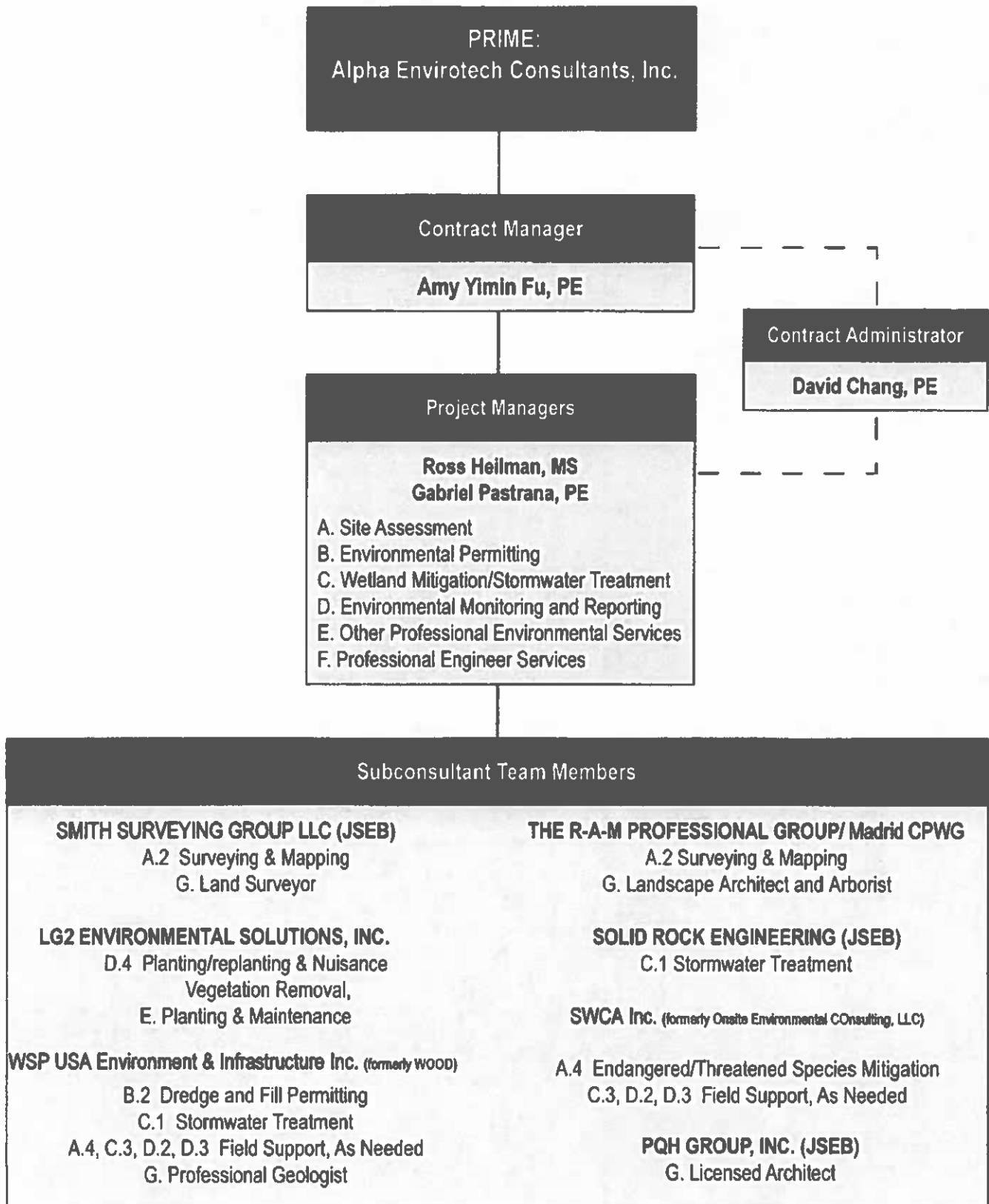
1. During construction affecting wetlands or protected waters, perform any turbidity sampling, testing and reporting required by permits or regulatory agencies.
2. Monitor, inspect and verify completion of required wetland mitigation including creation of new wetlands.
3. Conduct periodic monitoring of created wetlands including sampling and analysis as may be required by project permit. Provide recommended corrective actions as deemed necessary by the agencies.
4. Perform or direct the performance of others in planting or replanting of required vegetation, removal of nuisance vegetation, and other maintenance as required to fulfill conditions of project permit.

E. Planting and Maintenance – Provide labor and material for wetlands mitigation planting and/or maintenance as may be required by the City or any of its agencies.

F. Other professional Environmental Services - Provide such other professional environmental services as may be required by the City or any of its agencies to meet regulatory requirements applicable to construction and maintenance projects.

G. Consultant and/or its Sub-consultants shall be properly registered to perform any services under this contract which are required by the Laws of Florida to be performed by a Registered Architect, Landscape Architect, Engineer, Geologist or Land Surveyor.

AEC Team Organizational Chart



**EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION**

Name of Proposer: Alpha Envirotech Consulting, Inc.

Project Title: Wetland Identification, Mitigation and Related Permitting Activities

Proposal Number: P-14-20 Total Base Proposal Amount (if applicable): N/A

***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>Smith Surveying Group LLC</u>	<u>Non-MBE</u>	<u>Land Surveying Services</u>	<u>TBD</u>
<u>Solid Rock Engineering</u>	<u>Native American</u>	<u>Stormwater Treatment</u>	<u>TBD</u>
<u>PQH Group, Inc.</u>	<u>MBE</u>	<u>Licensed Architect</u>	<u>TBD</u>

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	\$ NA
Hispanic-American Participation Total	NA
Native-American Participation Total	NA
Asian-American Participation Total	NA
Woman Participation Total	NA
Non-MBE Participation Total	\$ NA

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: President Date: 11/17/2022

Print Name: Amy Yimin Fu, P.E.

**2) ALPHA ENVIROTECH
CONSULTING, INC.**

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: Alpha Envirotech Consulting, Inc.
 Project Name Wetland Identification, Mitigation and Related Permitting Activities - Annual Contract
 RFP# P-14-20
 Contract # 70746-21
 Amendment # 1

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount **minus** Last CPI Amount Used **divided** by Last CPI Amount Used **equals** % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal	\$ 80.00		\$ 91.19
Project Manager	\$ 65.00		\$ 74.09
Project Administrator	\$ 45.00		\$ 51.29
Senior Environmental Engineer/Scie	\$ 55.00		\$ 62.69
Environmental Engineer / Field Inspe	\$ 47.00		\$ 53.57
Environmental Scientist	\$ 47.00		\$ 53.57
GIS Specialist	\$ 55.00		\$ 62.69
Drafter or CADD Operator	\$ 25.00		\$ 28.50
Administrative Specialist	\$ 20.00		\$ 22.80

Travel \$ 0.625 per mile

EXHIBIT B (1 OF 1)

SCHEDULE OF PROPOSED RATES

NAME OF CONTRACTOR Alpha Envirotech Consulting, Inc.

Proposal Number P-14-20

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

Principal (Partner or Senior Officer)	\$ <u>80</u>	hr.
Project Manager (Responsible Professional)	\$ <u>65</u>	hr.
Project Administrator	\$ <u>45</u>	hr.
Senior Environmental Engineer	\$ <u>55</u>	hr.
Senior Environmental Scientist	\$ <u>55</u>	hr.
Environmental Engineer / Field Inspector	\$ <u>47</u>	hr.
Environmental Scientist	\$ <u>47</u>	hr.
GIS Specialist	\$ <u>55</u>	hr.
Drafter or CADD Operator	\$ <u>25</u>	hr.
Administrative Specialist	\$ <u>20</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. Wetland Plant Material – Installed

3 Gallon Tree Species	\$ <u>NA</u>	ea.	1 Gallon Tree Species	\$ <u>NA</u>	ea.
1 Gallon Shrub Species	\$ <u>NA</u>	ea.	Bare Root Herbaceous Species	\$ <u>NA</u>	ea.
Herbaceous 4" Species	\$ <u>NA</u>	ea.	GPS Trimble Rental (per day)	\$ <u>60</u>	

5. Cost of 3-man survey crew per 8 hour day (if applicable) \$ NA day

6. Other Direct Project Costs per Unit (please specify):

Copies	8½ X11 B&W - \$ <u>0.15</u>	Color - \$ <u>0.85</u>
	11x17 B&W - \$ <u>0.30</u>	Color - \$ <u>1.70</u>
Plots	\$ <u>8.00</u>	per each
Travel	\$ <u>0.575</u>	per mile; Vehicle rental \$90/day
Deliveries	\$ <u>50</u>	per each

7. Estimated percentage of total fee to be performed by Subconsultants 20 %

**3) SMITH SURVEYING
GROUP LLC**

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: Smith Surveying Group, LLC
 Project Name Wetland Identification, Mitigation and Related Permitting Activities Annual Contract
 RFP# _____
 Contract # _____
 Amendment # _____

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount minus Last CPI Amount Used divided by Last CPI Amount Used equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal	\$ 66.00		\$ 75.23
Project Manager	\$ 63.64		\$ 72.54
Project Surveyor	\$ 60.55		\$ 69.02
Drafter or Cadd Operator	\$ 42.35		\$ 48.27
Field Crew	\$ 60.55		\$ 69.02
Clerical	\$ 16.36		\$ 18.65
Travel	\$ 0.625 per mile		

CONTRACT FEE SUMMARY FORMAT FOR ALPHA ENVIROTECH CONSULTING EXHIBIT C

PART I - GENERAL				
1. Project Wetland Identification, Mitigation and Related Permitting Activities Annual Contract			2. Task Surveying and Mapping	
3. Name of Consultant Smith Surveying Group			4. Date of Proposal 8/21/2020	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 66.00		\$ 0.00	
Project Manager	\$ 63.64		\$ 0.00	
Project Surveyor	\$ 60.55		\$ 0.00	
Survey Technician (CADD)	\$ 42.35		\$ 0.00	
Field Crew (three people)	\$ 60.55		\$ 0.00	
Clerical	\$ 16.36		\$ 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 5) x 10%				\$ -
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 0.00	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
SUE - Subsurface Utility Engineering Services				
			\$ 0.00	
SUB-CONTRACT SUB-TOTAL				\$ -
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) (Items 5, 6, 8, 9, 10 and 11)				\$ -

**4) LG2 ENVIRONMENTAL SOLUTIONS,
INC.**

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: LG2 Environmental Solutions, Inc.
 Project Name P-14-20
 RFP# _____
 Contract # _____
 Amendment # _____

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount minus Last CPI Amount Used divided by Last CPI Amount Used equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Average Hourly Direct Labor Rates (without Fringe Benefits)			
Principal (Partner or Senior Officer)	\$ 67.31	\$ 9.42	\$ 76.73
Project Manager (Responsible Professional)	\$ 46.15	\$ 6.46	\$ 52.61
Environmental Scientist I	\$ 40.87	\$ 5.72	\$ 46.59
Environmental Scientist II / Construction Supervisor	\$ 38.46	\$ 5.38	\$ 43.84
Environmental Scientist III / Mitigation Monitor	\$ 33.65	\$ 4.71	\$ 38.36
Environmental Scientist IV / Field Inspector	\$ 28.85	\$ 4.04	\$ 32.89
Environmental Scientist V	\$ 23.80	\$ 3.33	\$ 27.13
Mitigation Laborer	\$ 21.63	\$ 3.03	\$ 24.66
GIS Specialist	\$ 31.25	\$ 4.37	\$ 35.62
Drafter or CADD Operator	\$ 23.08	\$ 3.23	\$ 26.31
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ 19.23	\$ 2.69	\$ 21.92
Total Overhead Rate (to be applied to Direct Labor)			\$ 1.50
Profit Rate (to be applied to Direct Labor plus Overhead)			\$ 0.10
GPS Trimble Rental (per day)	\$ 55.00	no increase	\$ 55.00
Copies (per each):			
8½ X11 B&W	\$ 0.07	no increase	\$ 0.07
8½ X11 Color	\$ 0.10	no increase	\$ 0.10
11x17 B&W	\$ 0.09	no increase	\$ 0.09
11x17 Color	\$ 0.12	no increase	\$ 0.12
Plots (per each)			
Travel (per mile)	\$ 0.575		\$ 0.625
Deliveries (per each)	\$ 100.00	no increase	\$ 100.00

EXHIBIT C

<u>Wetland Plant Material</u>		Current	13.99%	Requested:
		Rates	Increase	New Rates
3-Gallon Tree Species installed	Less than 30	\$ 42.50	\$ 5.95	\$ 48.45
	30-99	\$ 33.00	\$ 4.62	\$ 37.62
	100-399	\$ 19.80	\$ 2.77	\$ 22.57
	400-999	\$ 17.00	\$ 2.38	\$ 19.38
1-Gallon Tree Species installed	1000+	\$ 16.00	\$ 2.24	\$ 18.24
	Less than 30	\$ 32.00	\$ 4.48	\$ 36.48
	30-99	\$ 28.00	\$ 3.92	\$ 31.92
	100-399	\$ 19.10	\$ 2.67	\$ 21.77
1-Gallon Shrub Species installed	400-999	\$ 14.80	\$ 2.07	\$ 16.87
	1000+	\$ 10.00	\$ 1.40	\$ 11.40
	Less than 30	\$ 32.00	\$ 4.48	\$ 36.48
	30-99	\$ 28.00	\$ 3.92	\$ 31.92
Bare Root Herbaceous installed	100-399	\$ 19.10	\$ 2.67	\$ 21.77
	400-999	\$ 14.80	\$ 2.07	\$ 16.87
	1000+	\$ 10.00	\$ 1.40	\$ 11.40
	Less than 400	\$ 11.25	\$ 1.57	\$ 12.82
Herb 4" Species installed	Greater than 400	\$ 10.00	\$ 1.40	\$ 11.40
	Less than 400	\$ 14.25	\$ 1.99	\$ 16.24
	Greater than 400	\$ 8.75	\$ 1.22	\$ 9.97

EXHIBIT B (1 OF 2)

SCHEDULE OF PROPOSED RATESNAME OF CONTRACTOR LG2 ENVIRONMENTAL SOLUTIONS, INC. (Subconsultant)Proposal Number P-14-20

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

Principal (Partner or Senior Officer)	\$ <u>67.31</u>	hr.
Project Manager (Responsible Professional)	\$ <u>46.15</u>	hr.
Environmental Scientist I	\$ <u>40.87</u>	hr.
Environmental Scientist II / Construction Supervisor	\$ <u>38.46</u>	hr.
Environmental Scientist III / Mitigation Monitor	\$ <u>33.65</u>	hr.
Environmental Scientist IV / Field Inspector	\$ <u>28.85</u>	hr.
Environmental Scientist V	\$ <u>23.80</u>	hr.
Mitigation Laborer	\$ <u>21.63</u>	hr.
GIS Specialist	\$ <u>31.25</u>	hr.
Drafter or CADD Operator	\$ <u>23.08</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>19.23</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. Wetland Plant Material – Installed—See below on Page 2.

3 Gallon Tree Species	\$ _____ ea.	1 Gallon Tree Species	\$ _____ ea.
1 Gallon Shrub Species	\$ _____ ea.	Bare Root Herbaceous Species	\$ _____ ea.
Herbaceous 4" Species	\$ _____ ea.	GPS Trimble Rental (per day)	\$ <u>55</u>

5. Cost of 3-man survey crew per 8 hour day (If applicable) \$ N/A day

6. Other Direct Project Costs per Unit (please specify):

Copies	8½ X11 B&W - \$ <u>0.07</u>	Color - \$ <u>0.10</u>
	11x17 B&W - \$ <u>0.09</u>	Color - \$ <u>0.12</u>
Plots	\$ <u>7.50</u> per each	
Travel	\$ <u>0.575</u> per mile	
Deliveries	\$ <u>100</u> per each	

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

4. Wetland Plant Material-continued below:

3-Gallon Tree Species	Less than 30	\$42.50
installed	30-99	\$33.00
	100-399	\$19.80
	400-999	\$17.00
	1000+	\$16.00
1-Gallon Tree Species	Less than 30	\$32.00
installed	30-99	\$28.00
	100-399	\$19.10
	400-999	\$14.80
	1000+	\$10.00
1-Gallon Shrub Species	Less than 30	\$32.00
installed	30-99	\$28.00
	100-399	\$19.10
	400-999	\$14.80
	1000+	\$10.00
Bare Root Herbaceous	Less than 400	\$11.25
installed	Greater than 400	\$10.00
Herb 4" Species	Less than 400	\$14.25
installed	Greater than 400	\$8.75

**WSP USA Environmental
& Infrastructure Inc.**

5) WOOD E&I SOLUTIONS, INC.



September 23 2022

Dear Sir/Madam,

The environment and infrastructure consulting business of Wood joined the WSP family of companies on September 21, 2022. We are now moving forward by uniting under the WSP name worldwide. This name change reinforces what we have become, a diversified professional services firm that can take on the most complex assignments across different end markets – transportation, buildings, energy, water and the environment. Importantly, we also have the ability to manage interfaces between those markets with our advisory services and program management expertise.

The current name of our company has changed as shown in the chart below. There is no change to our management, and we will continue to operate as we always have with a focus on our core values of integrity, teamwork, excellence and respect. Our contractual relationship with you is unaffected by the name change. The Federal Identification Number also remains unchanged. Please update your records accordingly.

Previous Name	Wood Environment & Infrastructure Solutions, Inc.
New Name*	WSP USA Environment & Infrastructure Inc.
Date of Change	September 21, 2022
Federal ID Number	91-1641772

**If system limitations require an abbreviated name, please use WSP USA E&I Inc.*

During the next several months there will be continued support by Wood’s Accounts Payable and Vendor Setups departments until we have fully integrated our systems into the WSP business. Until further notice, please continue to use the following Wood email addresses:

Invoice Submissions: APInvoice.US@woodplc.com

Invoice Questions and Statements: APQuery.US@woodplc.com

Vendor Information Maintenance: VendorSetups@woodplc.com

We value our business relationship and look forward to that continuing in the future.

Sincerely,

Joseph F. Farrell
VP Contracts & Supply Chain

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: Wood, Environment & Infrastructure Solutions (WSP)
 Project Name Wetland Identification, Mitigation and Related Permitting Activities - Annual Contract
 RFP# P-14-20
 Contract # _____
 Amendment # 1

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers, All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount minus Last CPI Amount Used divided by Last CPI Amount Used equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal	\$ 88.49		\$ 100.87
Project Manager	\$ 56.92		\$ 64.88
Environmental Scientist I	\$ 25.79		\$ 29.40
Senior Engineer (PE)	\$ 61.85		\$ 70.50
Professional Geologist	\$ 48.99		\$ 55.84
Engineer (PE)	\$ 41.08		\$ 46.83
Project Coordinator	\$ 24.99		\$ 28.49
Administrative Specialist	\$ 21.96		\$ 25.03
GIS Specialist	\$ 36.73		\$ 41.87
Remediation Specialist	\$ 65.00		\$ 74.09
Clerical	\$ 21.96		\$ 25.03

Travel \$ 0.625 per mile

EXHIBIT B (1 OF 1)

SCHEDULE OF PROPOSED RATESNAME OF CONTRACTOR Wood PLC (Subconsultant)Proposal Number P-14-20

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

Principal (Partner or Senior Officer)	\$ <u>88.49</u>	hr.
Project Manager (Responsible Professional)	\$ <u>56.92</u>	hr.
Environmental Scientist I	\$ <u>25.79</u>	hr.
Senior Engineer (PE)	\$ <u>61.85</u>	hr.
Professional Geologist (PG)	\$ <u>48.99</u>	hr.
Engineer (PE)	\$ <u>41.08</u>	hr.
Project Coordinator	\$ <u>24.99</u>	hr.
Administrative Specialist	\$ <u>21.96</u>	hr.
GIS Specialist	\$ <u>36.73</u>	hr.
Remediation Specialist	\$ <u>65.00</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>21.96</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. Wetland Plant Material – Installed

3 Gallon Tree Species	\$ <u>N/A</u>	ea.	1 Gallon Tree Species	\$ <u>N/A</u>	ea.
1 Gallon Shrub Species	\$ <u>N/A</u>	ea.	Bare Root Herbaceous Species	\$ <u>N/A</u>	ea.
Herbaceous 4" Species	\$ <u>N/A</u>	ea.	GPS Trimble Rental (per day)	\$ <u>N/A</u>	

5. Cost of 3-man survey crew per 8 hour day (If applicable) \$ N/A day

6. Other Direct Project Costs per Unit (please specify):

Copies 8½ X11 B&W - \$.15 Color - \$.8511x17 B&W - \$.30 Color - \$ 1.70Plots \$ N/A per eachTravel \$.575 per mileDeliveries \$ 20 per each7. Estimated percentage of total fee to be performed by Subconsultants NA %

**RAM Professional Group,
Cribb Philbeck Weaver Group,
and Madrid Engineering**

6) THE R-A-M PROFESSIONAL GROUP



THE R-A-M PROFESSIONAL GROUP, LLC

CIVIL ENGINEERING • LANDSCAPE ARCHITECTURE • PLANNING • GIS CONSULTANTS

AN AFFILIATE OF



LICENSE CA No. 6489

November 15, 2022

Amy Fu
Alpha Envirotech Consulting, Inc.
P.O. Box 41555
Jacksonville, FL 32203

To Whom It May Concern,

R-A-M Professional Group, LLC, Cribb Philbeck Weaver Group, Inc., and Madrid Engineering Group, Inc. are entities owned by Mrs. Sheila Tarte. They are separate legal entities with common ownership. Employees who perform work for R-A-M Professional Group, LLC are compensated out of the dba, Madrid CPWG.

Sincerely,

Kristin Walker

Sr. Vice President Business Administration

Madrid CPWG

8298 Bayberry Road, Suite 3 - Jacksonville, Florida 32256
904.731.5440 - FAX 904.731.5465
www.ramprofessionalgroup.com

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: RAM Professional Group, LLC/CPWG (Subconsultant)
 Project Name Wetland Identification, Mitigation and Related Permitting Activities- Annual Contract
 RFP# P-14-20
 Contract # _____
 Amendment # _____

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount minus Last CPI Amount Used divided by Last CPI Amount Used equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal, RLA	\$ 50.00		\$ 56.99
Project Manager, RLA	\$ 40.00		\$ 45.60
Project Manager, ISA	\$ 50.00		\$ 56.99
Designer	\$ 40.00		\$ 45.60
Technician	\$ 15.00		\$ 17.10

Travel \$ 0.625 per mile

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: Cribb Philbeck Weaver Group (Subconsultant)
 Project Name Wetland Identification, Mitigation and Related Permitting Activities- Annual Contract
 RFP# P-14-20
 Contract # _____
 Amendment # _____

Rate Request Worksheet (Using the following website):

[Consumer Price Index for All Urban Consumers: All Items in U.S. City Average \(CPIAUCNS\) | FRED | St. Louis Fed \(stlouisfed.org\)](https://fred.stlouisfed.org/series/CPIAUCNS)

Formula: Current CPI Amount minus Last CPI Amount Used divided by Last CPI Amount Used equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Sr. Surveyor & Mapper (Principal)	\$ 64.90		\$ 73.98
Professional Surveyor & Mapper / Project Surveyor	\$ 46.00		\$ 52.43
Sr. Survey Technician	\$ 25.00		\$ 28.50
Survey Technician	\$ 21.50		\$ 24.51
Party Chief	\$ 26.00		\$ 29.64
Instrument Person	\$ 16.75		\$ 19.09
Rod Person	\$ 11.00		\$ 12.54
Clerical (Typist, Word Processor, Document Control)	\$ 20.00		\$ 22.80

Travel \$ 0.625 per mile



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 22, 2022

Sheila Tarte, President
CRIBB PHILBECK WEAVER GROUP, INC.
3918 North Highland Avenue
Tampa, Florida 33603

Dear Ms. Tarte:

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 13 - Planning
 - 13.3 - Policy Planning
- 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	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
134.59%*	0.234%	Excluded	No	7.91%

*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,

Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT B (1 OF 2)

SCHEDULE OF PROPOSED RATES

NAME OF CONTRACTOR RAM Professional Group, LLC/CPWG (Subconsultant)

Proposal Number P-14-20

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

Principal, RLA	\$ <u>50.00</u>	hr.
Sr. Project Manager, RLA	\$ <u>40.00</u>	hr.
Project Manager, ISA	\$ <u>50.00</u>	hr.
Designer	\$ <u>40.00</u>	hr.
Technician	\$ <u>15.00</u>	hr.
Environmental Scientist IV / Field Inspector	\$ _____	hr.
Environmental Scientist V	\$ _____	hr.
Mitigation Laborer	\$ _____	hr.
GIS Specialist	\$ _____	hr.
Drafter or CADD Operator	\$ _____	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ _____	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. Wetland Plant Material – Installed

3 Gallon Tree Species	\$ _____ ea.	1 Gallon Tree Species	\$ _____ ea.
1 Gallon Shrub Species	\$ _____ ea.	Bare Root Herbaceous Species	\$ _____ ea.
Herbaceous 4" Species	\$ _____ ea.	GPS Trimble Rental (per day)	\$ _____

5. Other Direct Project Costs per Unit (please specify):

Copies	8½ X11 B&W - \$ <u>0.15</u>	Color - \$ <u>0.60</u>
	11x17 B&W - \$ <u>0.25</u>	Color - \$ <u>1.00</u>
Plots	\$ <u>4.00</u> per each	
Travel	\$ <u>0.575</u> per mile	

6. Estimated percentage of total fee to be performed by Subconsultants _____ %

EXHIBIT B (1 OF 1)

SCHEDULE OF PROPOSED RATESNAME OF CONTRACTOR Cribb Philbeck Weaver Group, Inc. (CPWG)Proposal Number P-14-20

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

Sr. Surveyor & Mapper (Principal)	\$ <u>64.90</u>	hr.
Professional Surveyor & Mapper / Project Surveyor	\$ <u>46.00</u>	hr.
Sr. Survey Technician	\$ <u>25.00</u>	hr.
Survey Technician	\$ <u>21.50</u>	hr.
Party Chief	\$ <u>26.00</u>	hr.
Instrument Person	\$ <u>16.75</u>	hr.
Rod Person	\$ <u>11.00</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>20.00</u>	hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 184.87 %3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %4. Cost of 2-person survey crew per 8 hour day \$ 1071.68 day

(Cost includes party chief and instrument person)

Cost of 3-person survey crew per 8 hour day \$ 1347.44 day

(Cost includes party chief, instrument person and rod person)

Crew rate includes standard equipment (rebar, lathes, paint)

5. Other Direct Project Costs per Unit (please specify):

Copies 8½ X11 B&W - \$ 0.10 Color - \$ 1.2511x17 B&W - \$ 0.50 Color - \$ 2.00Plots (24x36) \$ 3.00 per each (B&W), \$ 8.00 per each (Color)Travel \$ 0.575 per mile (government rate)



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 16, 2020

Sheila Tarte, President
CRIBB PHILBECK WEAVER GROUP, INC.
3918 North Highland Avenue
Tampa, Florida 33603

Dear Ms. Tarte:

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 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
 - 6.3.4 - Intelligent Transportation Systems Software Development
- 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 13 - Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics

Safety, Mobility, Innovation
www.fdot.gov

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, 2021 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
184.87%	0.970%	Excluded	No	17.49%

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

no fee increase requested

7) SOLID ROCK ENGINEERING

EXHIBIT B (1 OF 1)

SCHEDULE OF PROPOSED RATESNAME OF CONTRACTOR Solid Rock Engineering Consultants, Inc.Proposal Number P-14-20

1. Average hourly direct lab or rates (without Fringe Benefits)

Professional Engineer	\$90/hour
QA/QC Manager	\$80/hour
Project Manager	\$75/hour
Project Engineer	\$77/hour
CAD Designer	\$48/hour
CAD Operator	\$42/hour
Clerical	\$27/hour

2. Total Overhead Rate (to be applied to Direct Labor) 150%

3. Profit Rate (to be applied to Direct Labor plus Overhead) 10%

4. Other Direct Project Costs per Unit

Mileage	\$0.575/Mile
24 X 36 black & white plots	\$2.00/sheet
8.5 X 11 black & white	\$0.15/sheet
8.5 X 11 color	\$0.85/sheet
11 X 17 black & white	\$0.30/sheet
11 x 17 color	\$1.70/sheet
Deliveries within 15 miles	\$20.00

Estimated percentage of total fee to be performed by Subconsultants N/A

SWCA Inc.

**8) ONSITE ENVIRONMENTAL CONSULTING
LLC**



2008 Riverside Avenue, Suite 100
Jacksonville, Florida 32204
Tel 904.384.7020
www.swca.com

2.36
Sound Science. Creative Solutions.®

October 24, 2022

Alpha Envirotech Consulting, Inc.
Mrs. Amy Fu, PE
1225 W Beaver St
Jacksonville, FL 32204

Re: Name change
Proj: COJ Project P-14-20

Dear Mrs. Fu,

Thank you for reaching out regarding the recent rate change. On October 12, 2021 Onsite Environmental Consulting, LLC was purchased by SWCA Inc. We are now part of SWCA. Our offices are the same and our personnel is largely the same. We have added cultural resources to our services.

We have adjusted the rate schedule according to the Consumer Price Index. The rate change works out to 13.99%. The adjusted rate schedule is attached. My contact information has remained the same except for my email address which is now adam.hoyles@swca.com. We look forward to working with you and the City of Jacksonville.

Sincerely,

A handwritten signature in black ink that reads "Adam Hoyles".

Adam Hoyles, PWS
Senior Project Manager

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: SWCA Inc.
 Project Name unknown
 RFP# P-14-20
 Contract # unknown
 Amendment # unknown

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount **minus** Last CPI Amount Used **divided** by Last CPI Amount Used
equals % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal (Partner or Senior Officer)	\$ 40.00		\$ 45.60
Project Manager (Responsible professional)	\$ 38.00		\$ 43.32
Environmental Scientist I	\$ 33.00		\$ 37.62
Environmental Scientist II / Construction supervisor	\$ 29.50		\$ 33.63
Environmental Scientist III / Mitigation Monitor	\$ 24.50		\$ 27.93
Environmental Scientist IV / Field Inspector	\$ 22.00		\$ 25.08
Environmental Scientist V	\$ 18.00		\$ 20.52
Mitigation Laborer	\$ 14.50		\$ 16.53
GIS Specialist	\$ 24.00		\$ 27.36
Drafter or Cadd Operator	\$ 21.50		\$ 24.51
Clerical	\$ 15.00		\$ 17.10

Travel \$0.625 per mile

EXHIBIT B (pg 1 of 2)

SCHEDULE OF PROPOSED RATES

NAME OF CONTRACTOR Alpha Envirotech Consulting, Inc.

Proposal Number P-14-20



Subcontractor Rates for SWCA Inc.

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

Principal (Partner or Senior Officer)	\$ <u>45.60</u>	hr.
Project Manager (Responsible Professional)	\$ <u>43.32</u>	hr.
Environmental Scientist I	\$ <u>37.62</u>	hr.
Environmental Scientist II / Construction Supervisor	\$ <u>33.63</u>	hr.
Environmental Scientist III / Mitigation Monitor	\$ <u>27.93</u>	hr.
Environmental Scientist IV / Field Inspector	\$ <u>25.08</u>	hr.
Environmental Scientist V	\$ <u>20.52</u>	hr.
Mitigation Laborer	\$ <u>16.53</u>	hr.
GIS Specialist	\$ <u>27.36</u>	hr.
Drafter or CADD Operator	\$ <u>24.51</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>17.10</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. Wetland Plant Material – Installed

3 Gallon Tree Species	\$ <u>N/A</u>	ea.	1 Gallon Tree Species	\$ <u>N/A</u>	ea.
1 Gallon Shrub Species	\$ <u>N/A</u>	ea.	Bare Root Herbaceous Species	\$ <u>N/A</u>	ea.
Herbaceous 4" Species	\$ <u>N/A</u>	ea.	GPS Trimble Rental (per day)	\$ <u>N/A</u>	

5. Cost of 3-man survey crew per 8-hour day (If applicable) \$ N/A day

6. Other Direct Project Costs per Unit (please specify):

Copies	8½ X11 B&W - \$ <u>N/A</u>	Color - \$ <u>N/A</u>	
	11x17 B&W - \$ <u>N/A</u>	Color - \$ <u>N/A</u>	
Plots	\$ <u>N/A</u> per each		
Travel	\$ <u>.625</u> per mile		
Truck Rental	\$ <u>\$95.00</u> per day		
Deliveries	\$ <u>N/A</u> per each		

7. Estimated percentage of total fee to be performed by Subconsultants 0 %

EXHIBIT B (pg 2 of 2)



Standard Rate Schedule

2022 LABOR CATEGORIES AND BILLING RATES

Consulting Services

Cultural Resources Environmental Resources Paleontology Scientific Resources Planning Resources	Air Quality Landscape Architecture Ecological Restoration Disaster Recovery GIS/CADD Resources	Technical Writing/Editing Training/Facilitating Graphics/Media Production Administrative	
Subject Matter Expert IV.....	\$275.00	Specialist VIII.....	\$147.00
Subject Matter Expert III.....	\$250.00	Specialist VII.....	\$137.00
Subject Matter Expert II.....	\$225.00	Specialist VI.....	\$127.00
Subject Matter Expert I.....	\$215.00	Specialist V.....	\$115.00
Specialist XIV.....	\$225.00	Specialist IV.....	\$105.00
Specialist XIII.....	\$215.00	Specialist III.....	\$95.00
Specialist XII.....	\$211.00	Specialist II.....	\$83.00
Specialist XI.....	\$193.00	Specialist I.....	\$71.00
Specialist X.....	\$176.00	Technician II.....	\$59.00
Specialist IX.....	\$158.00	Technician I.....	\$49.00

Engineering Services

Subject Matter Expert III.....	\$265.00	Specialist IX.....	\$176.00
Subject Matter Expert II.....	\$235.00	Specialist VIII.....	\$158.00
Subject Matter Expert I.....	\$215.00	Specialist VII.....	\$147.00
Specialist XII.....	\$225.00	Specialist VI.....	\$137.00
Specialist XI.....	\$211.00	Specialist V.....	\$127.00
Specialist X.....	\$193.00	Specialist IV.....	\$115.00

Direct expenses are subject to a 15% administrative markup and subcontractor expenses are subject to a 20% administrative markup. These rates do not apply to depositions or testimonies at administrative hearings and trials. Such activities fall under our Expert Witness rates, which vary by state.

A communication/data fee is invoiced at a rate of 3% of labor to cover such expenses (i.e., cell phones, data plans, faxes, etc.)

Overtime is invoiced at 1.2 times standard rates.

Per Diem is billed at the GSA rate in place at the time of billing. Mileage is billed at the IRS mileage rate in place at the time of billing.

EXHIBIT B (pg 1 of 2)

SCHEDULE OF PROPOSED RATES

NAME OF CONTRACTOR Alpha Envirotech Consulting, Inc.

Proposal Number P-14-20



Subcontractor Rates for ONSITE ENVIRONMENTAL CONSULTING, LLC

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

Principal (Partner or Senior Officer)	\$ <u>40.00</u>	hr.
Project Manager (Responsible Professional)	\$ <u>38.00</u>	hr.
Environmental Scientist I	\$ <u>33.00</u>	hr.
Environmental Scientist II / Construction Supervisor	\$ <u>29.50</u>	hr.
Environmental Scientist III / Mitigation Monitor	\$ <u>24.50</u>	hr.
Environmental Scientist IV / Field Inspector	\$ <u>22.00</u>	hr.
Environmental Scientist V	\$ <u>18.00</u>	hr.
Mitigation Laborer	\$ <u>14.50</u>	hr.
GIS Specialist	\$ <u>24.00</u>	hr.
Drafter or CADD Operator	\$ <u>21.50</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$ <u>15.00</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. Wetland Plant Material – Installed

3 Gallon Tree Species	\$ <u>N/A</u>	ea.	1 Gallon Tree Species	\$ <u>N/A</u>	ea.
1 Gallon Shrub Species	\$ <u>N/A</u>	ea.	Bare Root Herbaceous Species	\$ <u>N/A</u>	ea.
Herbaceous 4" Species	\$ <u>N/A</u>	ea.	GPS Trimble Rental (per day)	\$ <u>N/A</u>	

5. Cost of 3-man survey crew per 8-hour day (if applicable) \$ N/A day

6. Other Direct Project Costs per Unit (please specify):

Copies	8½ X11 B&W - \$ <u>N/A</u>	Color - \$ <u>N/A</u>
	11x17 B&W - \$ <u>N/A</u>	Color - \$ <u>N/A</u>
Plots	\$ <u>N/A</u>	per each
Travel	\$ <u>.575</u>	per mile
Truck Rental	\$ <u>\$75.00</u>	per day
Deliveries	\$ <u>N/A</u>	per each

7. Estimated percentage of total fee to be performed by Subconsultants 0 %

EXHIBIT B (pg 2 of 2)

SCHEDULE OF PROPOSED RATES (con't.)



ONSITE ENVIRONMENTAL CONSULTING, LLC
Current Schedule of Fees as of January 2020

Specialized Field Equipment & Fees §	Rate (day = 8 hours)
Post-processed GPS	\$100.00/day or \$60/half day
4WD All-Terrain Vehicle	\$200.00/day
Kayak/Boat Rental	\$150.00/day or \$90/half day
Climbing Equipment	\$100.00/day
Tree Stand	\$100.00/day
Camouflage "Ghillie" Suit	\$ 75.00/day
Spotting Scope w/Tripod	\$ 50.00/day
Soil Auger	\$ 50.00/day

§ We do not charge for items we consider standard field supplies. This includes typical biologist equipment such as flagging tape, pin flags, binoculars, machete, wetland soil probe, digital camera, field books, incidental copies, etc.

OLD DRAFT

9) PQH GROUP INC.

RATE ADJUSTMENT COMPUTATION FORM

Consultant Name: PQH Group, Inc.
 Project Name Not applicable
 RFP# _____
 Contract # P-14-20 Wetland Identification, Mitigation and Related Permitting Activities
 Amendment # _____

Rate Request Worksheet (Using the following website):

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

Formula: Current CPI Amount **minus** Last CPI Amount Used **divided** by Last CPI Amount Used **equals** % for new increase

Calculation:

	Month	Year	CPI Amount
Current CPI	July	2022	296.276
Date of contract or last contract amendment	Aug	2020	259.918
		Increase =	36.358
		Percentage increase in CPI =	13.99%

	Current Rates	13.99% Increase	Requested: New Rates
Principal	\$ 77.73		\$ 88.60
Project Manager	\$ 50.34		\$ 57.38
Design Engineer or Architect	\$ 39.74		\$ 45.30
Designer or Technician	\$ 29.85		\$ 34.03
Drafter or Cadd Operator	\$ 25.02		\$ 28.52
Field Inspector	\$ 33.91		\$ 38.65
Clerical	\$ 24.04		\$ 27.40
Travel	\$ 0.625 per mile		

NAME OF CONSULTANT POH Group, Inc. (Subconsultant)

Contract Number: P-14-20 Professional Services for Wetlands Identification, Mitigation and Related Permitting Activities- Annual Contract

SCHEDULE OF PROPOSED RATES – (2020)

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

Principal, Branch Manager or Senior Officer	\$	<u>77.73</u>	hr.
Project Manager (Responsible Professional)	\$	<u>50.34</u>	hr.
Design Engineer or Architect (Registered)	\$	<u>39.74</u>	hr.
Designer or Technician (Non-Registered)	\$	<u>29.85</u>	hr.
Drafter or CADD Operator	\$	<u>25.02</u>	hr.
Field Inspector	\$	<u>33.81</u>	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	\$	<u>24.04</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) \$ ----
5. Other Direct Project Costs per Unit (please specify)

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

**CONTRACT
BETWEEN
CITY OF JACKSONVILLE
AND
ALPHA ENVIROTECH CONSULTING, INC.
FOR
WETLAND IDENTIFICATION, MITIGATION
AND RELATED PERMITTING ACTIVITIES**

70746-21

THIS CONTRACT for wetland identification, mitigation, and related permitting activities is made and entered into this 9 day of Feb., 2021 (the "Effective Date"), by and between the CITY OF JACKSONVILLE, a municipal corporation existing under the Constitution and the laws of the State of Florida (the "City"), and ALPHA ENVIROTECH CONSULTING, INC., a Florida profit corporation with its principal office at 8681 Ethans Glen Terrace, Jacksonville, Florida 32256 (the "Contractor").

WHEREAS, City issued Request for Proposal No. P-14-20 (the "RFP") for certain professional services described in the RFP (the "Services"); and

WHEREAS, based on Contractor's response to the RFP, City has negotiated and awarded this Contract to Contractor; now therefore

IN CONSIDERATION of the premises and the mutual covenants contained below and for other good and valuable consideration acknowledged by the parties to be sufficient, the parties agree as follows:

1. **Performance of Services.** Contractor shall perform the Services as described in and according to (i) the RFP and the Response, each of which is incorporated into and made a part of this Contract, and (ii) the Scope of Services, attached hereto as **Exhibit A** and incorporated herein by this reference.

2. **Compensation.** Contractor shall be paid for the Services the fees detailed in the Contract Fee Schedule, attached hereto as **Exhibit B** and incorporated herein by this reference. Each project performed under this Contract shall be authorized by an individual purchase order with a not-to-exceed amount applicable thereto.

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 FIFTY THOUSAND AND 00/100 DOLLARS (\$250,000.00).

4. **Term.** The period of service of this Contract shall commence on the date of its execution and continue for a period of two (2) years until _____, 2023, with two (2) additional 2-year renewal options upon satisfactory performance by Contractor.

5. **Contract Documents.** This Contract consists of the following documents, which are hereby incorporated as if fully set forth herein and which, in case of conflict, shall have priority in the order listed:

- (i) This document, as modified by any subsequent signed amendments.
- (ii) Any amendments to this document.
- (iii) Specific information regarding the RFP (Section 1 of the RFP).
- (iv) Description of Services (Section 4 of the RFP).
- (v) General Instructions (Section 2 of the RFP).
- (vi) General Terms and Conditions of Agreement (Section 3 of the RFP).
- (vii) The Response, provided that any terms in the Response that are prohibited under the RFP shall not be included in this Contract.

7. **Notice.** All notices under this Agreement shall be in writing and shall be delivered by certified mail, return receipt requested, or by other delivery with receipt to the following:

As to City:

Robin Smith, P.E., Chief
Engineering & Construction Management Division
214 North Hogan Street, 10th Floor
Jacksonville, Florida 32202

As to Contractor:

Amy Yimin Fu, P. E., President
Alpha Envirotech Consulting, Inc.
8681 Ethans Glen Terrace
Jacksonville, Florida 32256

8. **Contract Managers.** Each party shall designate a Contract Manager during the term of this Contract whose responsibility shall be to oversee the party's performance of its duties and obligations pursuant to this Contract. As of the Effective Date, City's Contract Manager is Robin Smith (Phone: 904.255.8710; Fax: 904.255.8926; RobinSmith@coj.net), and Contractor's Contract Manager is Amy Yimin Fu (Phone: 904.382.0083; Amy.fu@aenvirotech.com). Each

party shall provide prompt written notice to the other party of any changes to the party's Contract Manager or his or her contact information; provided, such changes shall not be deemed Contract amendments and may be provided by email.

9. **Entire Agreement.** This Contract constitutes the entire agreement between the parties hereto for the Services to be performed and furnished by Contractor. No statement, representation, writing, understanding, agreement, course of action, or course of conduct made by either party or any representative of either party which is not expressed herein shall be binding. Contractor may not unilaterally modify the terms of this Contract by affixing additional terms to materials delivered to City (e.g., "shrink wrap" terms accompanying or affixed to a deliverable) or by including such terms on a purchase order or payment document. Contractor acknowledges that it is entering into this Contract for its own purposes and not for the benefit of any third party.

10. **Amendments.** All changes to, additions to, modifications of, or amendments to this Contract or any of its terms, provisions, and conditions shall be binding only when in writing and signed by the authorized officer, agent, or representative of each of the parties hereto.

11. **Counterparts.** This Contract and all amendments hereto may be executed in several counterparts, each of which shall be deemed an original, and all such counterparts together shall constitute one and the same instrument.

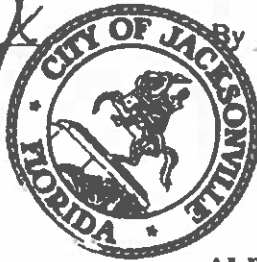
[Remainder of page left blank intentionally. Signature page follows immediately.]

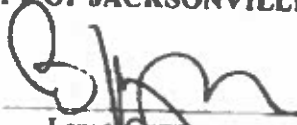
IN WITNESS WHEREOF, the parties have executed this Contract as of the day and year first above written.

ATTEST:

CITY OF JACKSONVILLE

By 
James R. McCain, Jr.
Corporation Secretary



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

WITNESS:

ALPHA ENVIROTECH CONSULTING,
INC.

By 
Signature

YIBO HUANG

Type/Print Name

VP

Title

By 
Signature

Amy Yimin Fu

Type/Print Name

PRESIDENT

Title

Encumbrance and funding information for internal City use:

Account..... POA-70746-21

Amount.....\$250,000.00

The above-stated amount is the maximum fixed monetary amount of the foregoing contract. It shall not be encumbered by the foregoing contract. It shall be encumbered by one or more subsequently issued Purchase Orders that must reference the foregoing Contract. All financial examinations and funds control checking will be made at the time such Purchase Orders are issued.

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 # 70746-21

Form Approve:



Office of General Counsel



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

January 3, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

FROM: Jonathan Page, P.E. 
Professional Engineer

Jill Enz 
Chief of Natural and Marine Resources

SUBJECT: P-34-22 Professional Services for Metropolitan Park Design

The subcommittee received six (6) proposals for evaluation for the subject project and found it to be responsive, interested, qualified and available to provide the services required by the RFP.

The proposals were evaluated using the criteria outlined in the Purchasing Code as augmented by the RFP (see attached matrix).

Based on the above, the following firms listed alphabetically were determined to be the most qualified of those submitting proposals. The ranking of first, second, and third designates the order of qualification of these firms to perform the required services.

1. Civitas, Inc.
2. Dix.Hite + Partners, Inc.
3. Scape Landscape Architecture D.P.C., Inc.

We recommend that the above list be forwarded to the Mayor for final selection.

JPP/w

Attachment: Scoring Matrix

cc: Lori West, Engineering and Construction Management



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

December 13, 2022

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

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

James Carroll
Chief, Right-of-Way and Stormwater Management

SUBJECT: P-22-18 Professional Design Services for Duval Road Widening from Dunn Avenue to I-295
Contract 10747 Amendment 3 PO 600452-20-021

Final design services are needed to complete the design for Duval Road Widening from Dunn Avenue to I-295. Negotiations have resulted in the attached Scope of Services, Exhibit F and Fee Summary Exhibit G. In addition, the Alfred Benesch & Company and their various sub-consultants have requested rate increases. 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 # 10747, originally executed February 3, 2020, between the City of Jacksonville and Alfred Benesch & Company for Professional Design Services for Duval Road Widening from Dunn Avenue to I-295, be amended to incorporate the attached Scope of Services, Exhibit F and Fee Summary Exhibit G, to increase the rates as requested and to increase the lump sum amount for Design Services by \$1,372,739.81 to a new amount of \$1,683,267.18, increase the not to exceed limits for: Environmental/Geotechnical Services by \$191,125.12 to a new limit of \$242,512.19. Survey by \$248,628.55 to a new limit of \$455,089.74, cultural Services by \$47,419.16 to a new limit of \$55,551.79, Contamination Assessment by \$26,805.09 to a new limit of \$33,793.93 and to add new not to exceed limits for Public Meetings in the amount of \$2,000.00 and Contingency in the amount of \$30,000.00, thereby increasing the maximum indebtedness to the City by \$1,918,717.73 to a new maximum of \$2,509,125.83. 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:	PO 600452-20-021	TOTAL
10804.105302.565050.003834.00.00.00		\$107,230.56
10804.105302.565030.010550.00.00.00		\$1,811,487.17
TOTAL		\$1,918,717.73

RGS/w

Attachment: Exhibits F & G
JSEB Participation

cc: Dave Hahn, P.E., Engineering and Construction Management
Lori West, Engineering and Construction Management



City of Jacksonville, Florida

Lenny Curry, Mayor

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RGS/tw

Attachment: Exhibits F & G
JSEB Participation

cc: Dave Hahn, P.E., Engineering and Construction Management
Lori West, Engineering and Construction Management

SCOPE OF SERVICES
FOR ENGINEERING SERVICES FOR FINAL DESIGN
DUVAL ROAD WIDENING FROM DUNN AVENUE (SR 104) TO I-295
CITY OF JACKSONVILLE, FLORIDA

I. SCOPE OF PROJECT

- A. The intent of the project is to furnish final design services for the Duval Road Widening Project in accordance with recommendations by the City of Jacksonville (City).
- B. The project area consists of approximately 1.8 miles of Duval Road bounded by Dunn Avenue (SR 104) to the south and I-295 to the north in Jacksonville, Florida, plus additional areas beyond the Duval Road Right-Of-Way for stormwater ponds and additional required improvements as indicated in Appendix A.
- C. It is intended that Consultant's services will result in the 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.
- D. Consultant's services on the project shall be performed 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.
- E. Work during the final design phase will concentrate, in order, on:
 1. Prepare Preliminary Design which includes Data Collection, Bridge Hydraulic Report, and Preliminary 30% Plans.
 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 construction of the project.

II. FINAL DESIGN SERVICES

A. Preliminary Design:

Data Collection

- Survey Control and Preliminary Topographic Survey
- Preliminary Geotechnical Services
- Preliminary Environmental Assessments Wetland Services

Consultant shall prepare 30% complete construction plans and preliminary 3D design files. An Opinion of Probable Construction Cost (OPCC) will be prepared.

A pre-application meeting with the St. Johns River Water Management District (SJRWMD) shall be included to verify acceptance of the preferred pond site.

Bridge Hydraulic Report will be prepared to determine low member requirements for bridge design, scour requirements and flood elevations.

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 approval by the City at 60%, 90%, 100%, and PS&E 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
- Geotechnical Services
- Environmental Assessments Wetland Services
- Cultural Resource Assessment Survey
- Contamination 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.

III. PROJECT REQUIREMENTS

A. Design Requirements:

1. 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", 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 impact due to construction shall include maintenance of traffic (MOT) design and plans for all phases of construction.
2. 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. 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.
3. The Design shall include a full consideration of the provisions of Part 12 of the Zoning code (Landscape and Tree Protection). The Final design shall provide for retaining existing trees to the maximum practical extent, as well as protecting them during construction.
4. These services shall include additional survey for design, determining need for right- of-way and/or easements, preparing legal descriptions for all required land acquisitions.
5. The Consultant shall design plans 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 Conceptual Design Plans. The consultant shall also prepare contract documents and details as well as any necessary permits for these items.

6. The Consultant shall attend and assist in two Public Information Meetings. The first meeting will be scheduled prior to 60% plans and the second meeting prior to construction, if requested by the Project Manager. Two Consultant staff will attend and participate in each meeting. 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"). Public involvement plan may be modified in response to COVID 19 procedures.
 7. The Consultant shall participate in a project walk-through after submitting the 60% Plan review.
- B. Project Specific Requirements:
1. Survey, Mapping, SUE – Survey, mapping and subsurface utility locating (SUE) services are in accordance with Appendix A, attached.
 2. Geotechnical - The objective of geotechnical exploration is to provide sufficient site and subsurface information to evaluate the subsurface conditions within the project limits and at all required off-site locations such as pond sites for the proposed construction. In addition to geotechnical exploration, design parameters are required for bridge design and wall design. Geotechnical services are detailed in Appendix B, attached.
 3. Cultural Resource Assessment Survey services are in accordance with Appendix C, attached.
- C. Project Submittal Requirements:
1. 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. Deliverable shall include the following items (estimated number of sheets), in addition to preliminary 3D design:
 - a. Key Sheet (1) including location map with beginning, ending and any required equation stations, north arrow and scale.
 - b. Typical Sections (1) for the proposed roadway improvements depicting all required dimensions and pavement design.
 - c. General Notes (1) required for construction
 - d. Drainage maps (2) showing existing elevations, contours, major structures with high water information, and drainage areas with direction of flow indicated.
 - e. Plan and profile sheets (16) 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 water table.
 - f. Cross-sections(50) showing existing ground line with preliminary template 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. Preliminary results of the drainage analysis of the outfalls indicating the probable extent of any downstream improvements required. (Include plan and profile of outfalls).
 - h. Preliminary Signalization Sheets showing proposed location for mast arms and any easement needs.

- i. Preliminary Temporary Traffic Control Plans (TTCP) (50)
 - 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.
2. Utility Coordination: After 30% plan submittal comments have been addressed, the Consultant will 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 adjustment on the plan sheets and assist in preparation of utility relocation schedules.
3. 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 (estimated number of sheets), as a minimum, in addition to the preliminary design:
- a. Key Sheet (1) including location map with beginning, ending and any required equation stations, north arrow and scale.
 - b. Typical Sections (1)
 - c. General Notes (1) required for construction
 - d. Summary of quantities for sidewalk, guardrail, curb & gutter, asphalt, base, stabilization, earthwork, gravity wall (16)
 - e. Drainage map (2)
 - f. Plan and profile sheets (16)
 - g. Complete cross sections (50)
 - h. Drainage structure cross sections (42)
 - i. Pond Geometry sheets (20)
 - j. Control Structure Details (4)
 - k. TTCP plan (98)
 - l. Utility adjustment plans sheets (16)
 - m. Signing and Marking Sheets to depict all pavement marking and signage required.
 - n. Traffic Signal Design

This scope is for signal services that will be needed at the signalized intersections of Duval Road at Armsdale Road (proposed new box span signal) and Duval Road at Dunn Avenue (signal modifications).

The consultant will prepare signalization plans that will meet the requirements of both the City of Jacksonville and Florida Department of Transportation (FDOT) and the Manual on Uniform Traffic Control Devices (MUTCD). The engineering services required to perform the design are as follows:

Topographic survey, utility locations, roadway design plans and signing and pavement marking design plans, geotechnical services, structural design services and subsurface utility exploration (SUE) will be provided by the Prime Consultant. SUE is required for the

proposed pedestrian pedestal poles and the signal poles.

The signalization plans will include:

- Key Sheet
 - Tabulation of Quantities
 - General Notes/Pay Item notes
 - Pole Data, Legend and Criteria
 - Service Point Details
 - Plan Sheets
 - Structural Details for signal mast arms
 - Utility Conflict Sheet
- 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 in the existing power poles will remain and if new light poles will be needed thought out the project limits. The Design will include Bridge Mounted Lighting on the proposed bridge structure in accordance with JEA Plates. Will coordinate with JEA for fixture type, height size and arm length. Will provide lighting specifications and design report for 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. Irrigation will be installed in the median in compliance with the City ordinances.
- r. Bridge plans to include the following:
- Bridge Plan & Elevation Design
 - Bridge Foundation Design
 - Bridge Superstructure Design and Details
 - Bridge Substructure Design and Details
 - Bridge Typical Section
 - Bridge Construction Phasing Sections and Details
 - Bridge Load Rating
 - Permanent Wall Design
 - Temporary Critical Wall Design
- s. 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 the 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.

- t. 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).
4. 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. 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.
 5. 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.
 6. 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 comments.
- D. Permitting Requirements:
1. 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.
 2. The Consultant shall take minutes/notes of meetings with the permitting agencies. These notes shall be transcribed and furnished to the Project Manager.
 3. The Consultant shall keep a log of permit activities performed by his firm and subconsultants for review by the City.
 4. The Consultant shall prepare all supporting documentation for permits and furnish to Project Manager.
 5. Additional environmental services to be provided by subconsultant Environmental Resource Solutions (ERS), are in accordance with Appendix D, attached.
 6. Permitting fees will be the responsibility of the City.
 7. 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.
 8. 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).

9. 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
- Florida Department of Transportation Right of Way Permit
- City of Jacksonville Development Services (10-Set) permit
- City of Jacksonville Site Work permit
- City of Jacksonville Right-of-Way permit
- NPDES Construction permit (Notices of Intent) - EPA and FDEP

E. Post Design Services (Not included in this contract)

These services may include construction assistance, review of shop drawings, or other post design services as required. These services are intended to address changed conditions that occur following acceptance of plans. The Consultant shall provide to the City additional services as required to satisfactorily complete construction. These services are intended to deal with changed conditions or services not covered in the original plan set and are not intended to cover or apply to Consultant errors and/or omissions.

1. The Consultant will be responsible for the review of construction shop drawings. Upon completion of review, the Consultant shall submit the final shop drawings to the City for review together with recommendations regarding final acceptance.
2. The Consultant shall provide to the City qualified representation during the construction phase to deal with issues concerning the intent and interpretation of the construction contract plans and documents. Should changed conditions be encountered in the field and when requested by the City, the Consultant shall respond in a timely manner with suitable engineering solutions that take into account the changed conditions. The Consultant shall respond to up to 10 RFIs and up to 2 change order requests.
3. Two (2) on-site appearances of the Consultant shall be made during construction at the written request of the City or its designated representative. From time to time during construction the Consultant may be requested by the City or its designated representative to review contractor proposed field changes or to respond with a recommended solution to remedy particular field situations not covered by the plans and specifications. The Consultant shall respond to up to 2 such requests. The Consultant shall attend the on-site Final Walk Through upon completion of construction.
4. Fees for the services listed in this section shall be compensated on an hourly basis, up to the limiting amount provided in the fee proposal approved with this scope. These fees may be assessed following the issuance of notice to proceed to the contractor selected for the construction of the plans provided by the Consultant as part of this scope of services.

F. Additional Requirements:

1. Plans shall be standard 11" X 17" sheets to facilitate half-size printing which is acceptable at the 30%, 60%, 90% and 100% submittals.
2. The Consultant shall be required to submit only one (1) CD-ROM disc or Flash Drive containing all electronic files used to produce the Final Design Plans. The Consultant shall not have the responsibility for additional distribution of electronic files to third parties without additional compensation.

3. Specifications shall be on standard 8" x 11" paper.
4. The City shall be the Owner of the final documents.
5. The Consultant shall take notes of all design/review meetings held with 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.
6. The Consultant shall assist the City concerning interpretation of the intent of the contract documents during the bidding/negotiation period by attending one (1) pre-bid meeting scheduled by the City, answering bidder inquiries, and preparing up to one (1) addendum. The Consultant shall attend one (1) pre-construction meeting scheduled by the City.
7. The Consultant shall assist the City concerning interpretation of the intent of the contract documents during the construction phase, should the City elect not to retain the Consultant for Contract Administration Services. It is intended that this work will only be required when the City's Contract Administration personnel are unable to answer questions regarding the plans and specifications.

IV. TIME SCHEDULE

Based on an anticipated Notice to Proceed date of 10/03/2022, the following milestones are established for a project duration (active design and permitting) of 22 months:

- A. Preliminary Data Collection Completion – 03/03/2023 or 110 days after the Notice to Proceed date.
- B. 30% Review Submittal - 03/03/2023 or 50 days after the completion of Preliminary Survey.
- C. 60% Roadway Review Submittal and 30% Bridge Submittal – 08/04/2023 or 90 days from receipt of the 30% Design review comments.
- D. ERP Permitting submittal – 11/03/2023 or 45 days from receipt of the 60% Design review comments.
- E. 60% Bridge Submittal – 11/03/2023 or 45 days from receipt of the 60% Design review comments.
- F. Right-of-Way Mapping Submittal – 11/03/2023 or 45 days from receipt of the 60% Design review comments.
- G. Right-of-Way Acquisition Initiation – 11/03/2023 or 45 days from receipt of the 60% Design review comments.
- H. 90% Review Submittal – 04/12/2024 or 160 days from receipt of the 60% Design review comments.
- I. 100% Review Submittal – 08/02/2024 or 60 days from receipt of the 90% Design review comments.
- J. ERP Permitting Approval – 08/02/2024 or 60 days from receipt of the 90% Design review comments.

V. PROGRESS REPORTING

The Design Consultant will provide a schedule for all activities anticipated as part of this Design. The Design Consultant will submit an updated schedule and progress report monthly to the Project Manager. This schedule and progress report will accompany and support the Consultant's Invoice. In those instances where no invoice will be submitted, the updated schedule will still be required. In the event of unforeseen delays, the Consultant will attempt to minimize these delays and report on actions taken to maintain the original schedule. Any changes made to the schedule will be explained. Significant activities for the past month and projected activities for the next month will be highlighted. Any support requests or issues will be identified with recommendations from the Consultant.

VI. NOTICE TO PROCEED

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

Appendix A
Scope of Services
Survey, Mapping, Subsurface Utility Locating (SUE)



SMITH SURVEYING GROUP

Formerly

R.E. Holland & Associates, Inc.

Revised October 11, 2022

Revised September, 6, 2022

Revised August 16, 2022

Revised August 11, 2021

Revised May 17, 2021

May 4, 2022

Elizabeth Schwartz, PE, PTOE
Alfred Benesch & Company
225 Waters Street, Suite 1510
Jacksonville, Florida, 32202

RE: Duval Road SUE, Boundary, R/W Mapping, 4 Pond Sites Topo, Tree Surveys

Dear Elizabeth,

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

SCOPE OF SERVICES

Duval Road 4 Pond Sites Topo/ Tree, SUE, Boundary, R/W Mapping Surveys

Task 1: Provide 50 foot grid topographic survey of the four proposed pond sites. Location of trees will be done to COJ specifications. Access to the site will be coordinated by City of Jacksonville Engineering Department. (see attached Exhibit)

Task 2: Provide supplemental SUE efforts via McKim & Creed to meet ASCE 38-02 Quality Level A and B underground utility designations for the length of the proposed route (see attached proposal from McKim & Creed). Sub-consultant will invoice SSG directly, and will be paid by Smith Surveying Group.

Task 3: Provide Boundary Surveys on Four proposed pond sites. See attached exhibit for parcel identifications. Location of all interior improvements will be included. Upon COJ purchase of pond sites additional mapping will be required for Right of Way maps, 67 temporary construction easements and 69 sketch and legal descriptions with Right of Way takings. All Right of Way maps will be reviewed and signed by a registered surveyor.

Deliverables will be a Topographic and Tree Survey, CADD files per the CADD requirements as received from Alfred Benesch & Company. Horizontal datum shall be referenced to State Plan Coordinates (NAD 1983/2011) for the State of Florida and vertical datum shall be referenced to NAVD 1988 from a published governmental Bench Mark.

Tree identifications performed in conjunction with a request for tree locations will be identified as to species to the best of our knowledge and belief; however, Smith Surveying Group, LLC will assume no liability, expressed or implied, for the correctness of said species identification.

We anticipate delivery of the preliminary product within 90-120 days from receipt of written Notice to Proceed, weather and site conditions permitting. Final deliverables shall be four (4) signed and sealed prints, and an electronic drawing file, if requested. Additional sealed copies may be furnished at a nominal charge, if requested. We are ready to begin our services immediately upon receipt of Notification to Proceed. Our fees for the above services will be as noted on the attached man hour estimate; estimated fees will not be exceeded without prior written authorization from the CLIENT. We shall invoice you on a monthly progressive billing cycle for the to-date percent complete and we will expect full payment for each monthly invoice within 10 days from the date of the respective invoice.

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

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

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

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

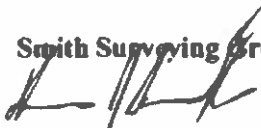
Once again, we appreciate this opportunity to submit this proposal to you and we look forward to hearing from you in the near future. If you have any questions, please do not hesitate to call me personally.

SUE, Topographic & Tree Survey for Ponds

Field Crew:	463 hours@ <u>\$186.51</u> per hour	\$ 86,351.82
CADD Tech: Task 1 & 2	250 hours@ <u>\$124.30</u> per hour	\$ 31,075.00
Task 3		
a. 67 TCE's	200 hours@ <u>\$124.30</u> per hour	\$ 24,860.00
b. 69 R/W takings	334 hours@ <u>\$124.30</u> per hour	\$ 41,516.20
PSM	92 hours@ \$186.51 per hour	\$ 17,158.46
McKim & Creed SUE		\$ 47,667.07
		\$ 248,628.55

Total Estimated Fee

Smith Surveying Group



Thomas J. Smith, PSM
President

Accepted By: _____

Printed Name: _____

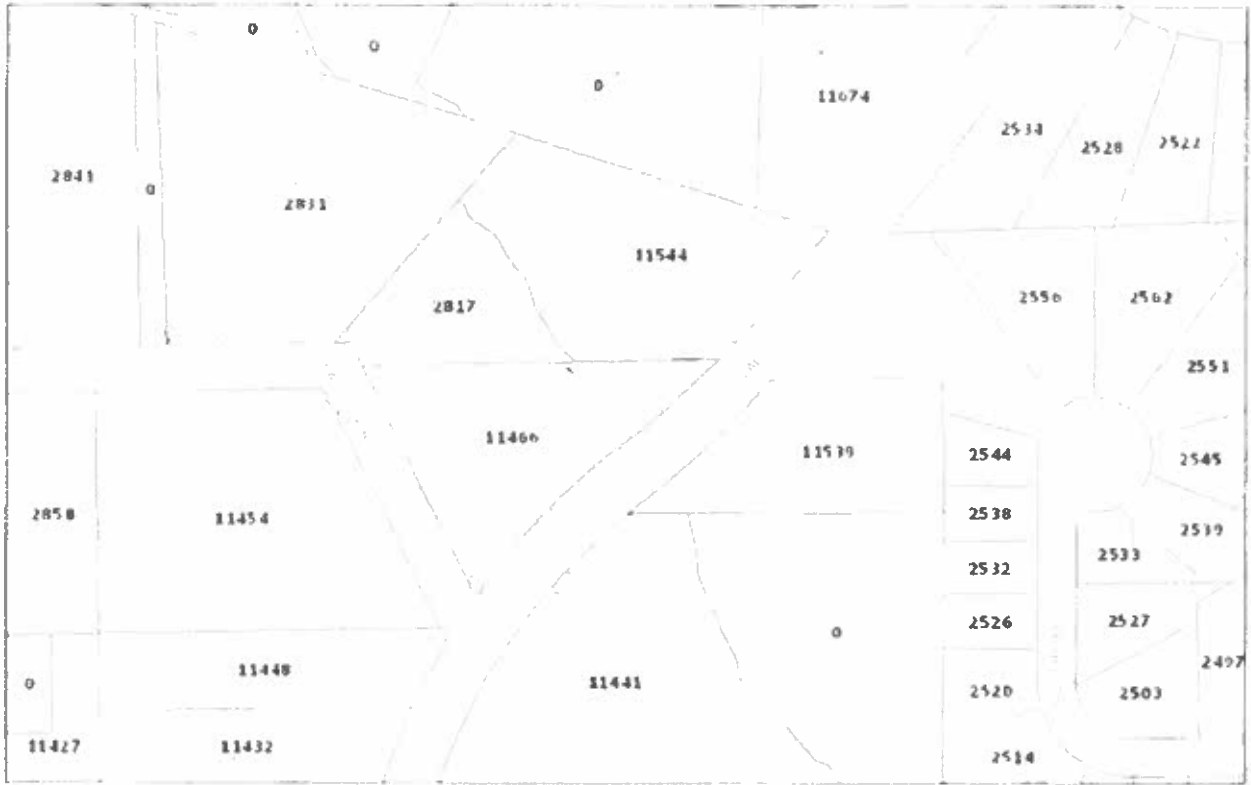
Date: _____

EXHIBIT F

POND PARCEL 1

Duval Map

TASK 3 EXHIBIT



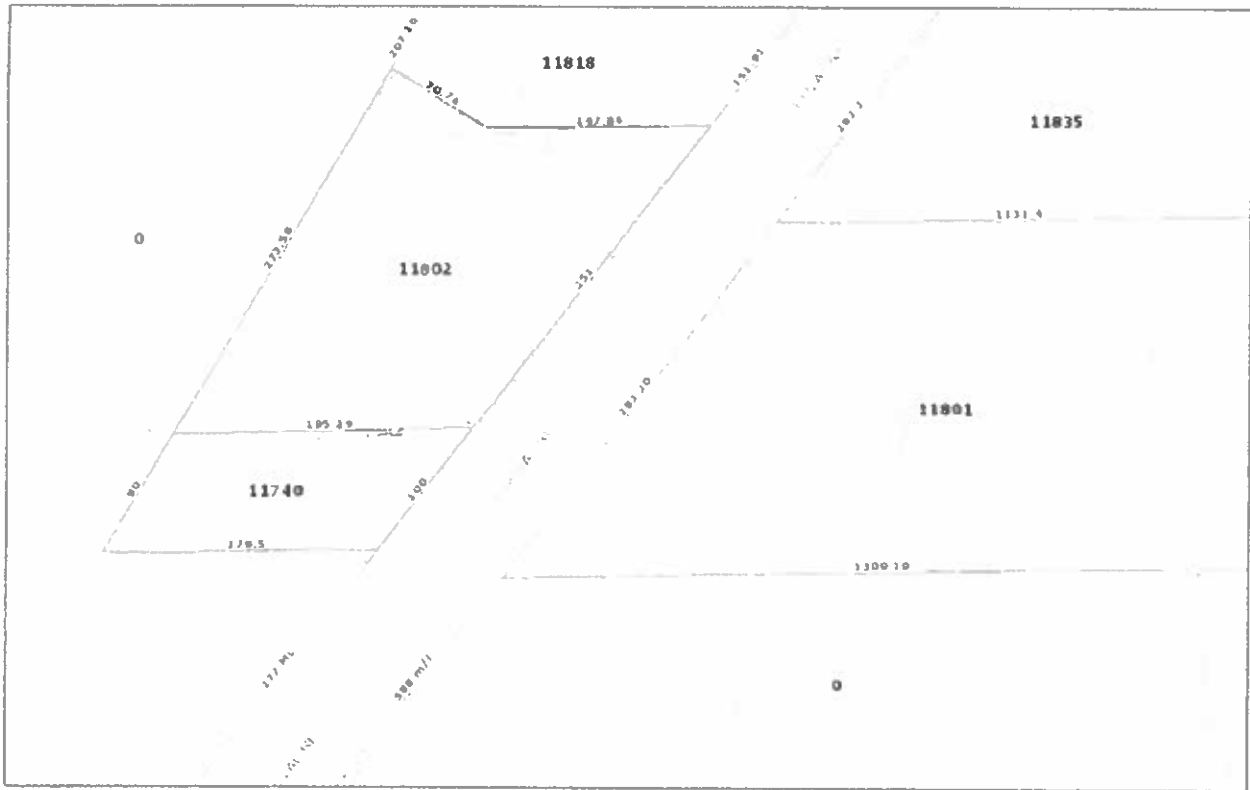
Map 11-1-2021

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POND PARCEL 2

Duval Map

TASK 3
EXHIBIT



May 14 2021

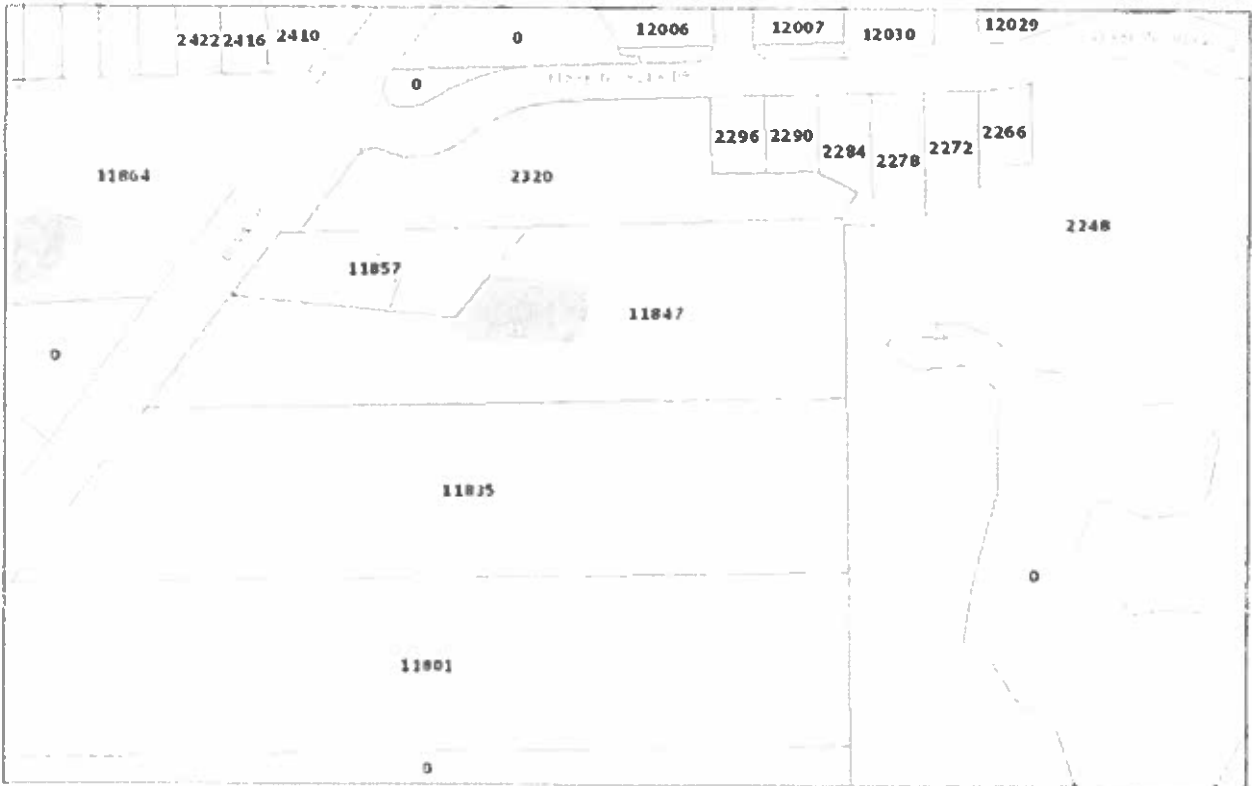
11818			
0	0.01	0.01	0.01 ac
1	0.01	0.01	0.01 ac
2	0.01	0.01	0.01 ac

Source: GIS Department, Duval County, Florida
 Date: 5/14/2021 10:36 AM

POND PARCEL 3

Duval Map

TASK 3
EXHIBIT



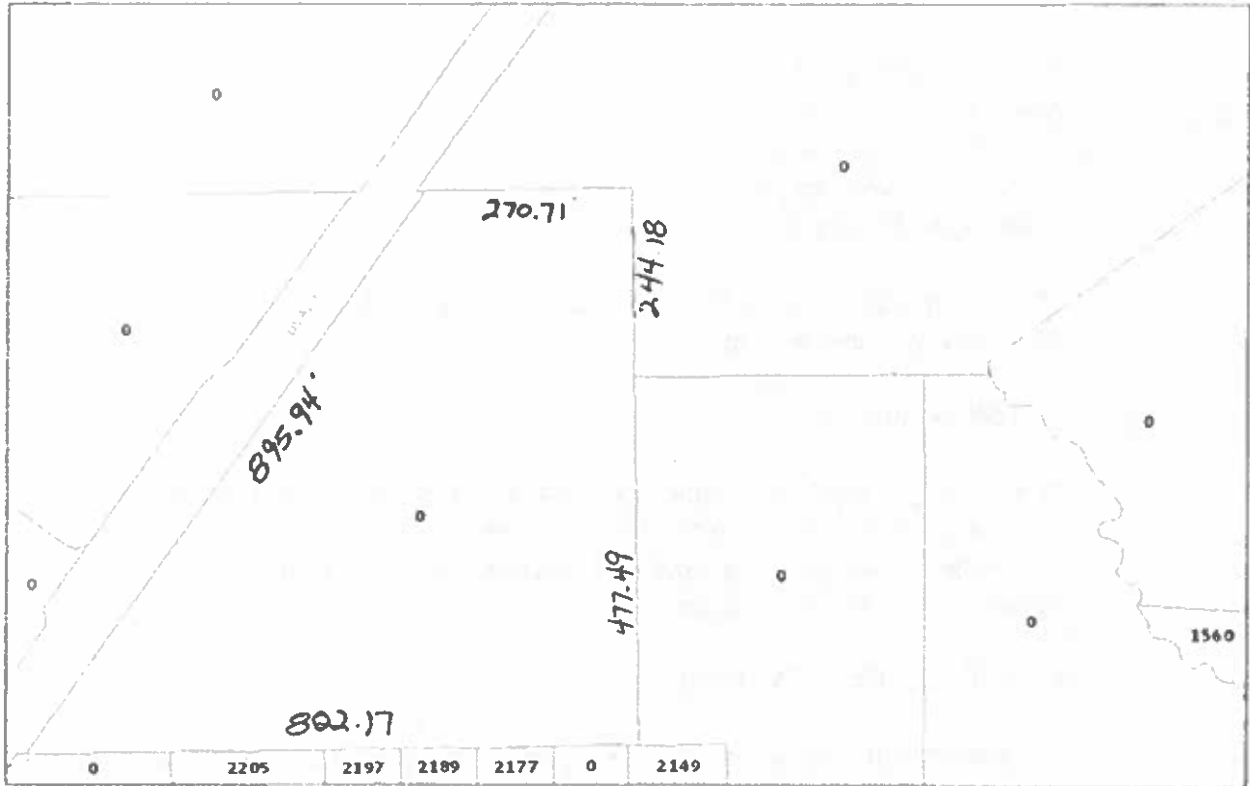
May 14 2021

12 257
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POND PARCEL 4

Duval Map

TASK 3
EXHIBIT



May 14 2021

1:2,257	0.01	0.02	0.05
0.02	0.05	0.10	0.15



August 16, 2022

Tom Smith, PSM
President
Smith Surveying Group
9770 Baymeadows Rd., Suite 121
Jacksonville, Florida 32256

RE: Proposal for Subsurface Utility Engineering Services for the following project: "Duval Rd. Roadway Improvements"

Dear Mr. Smith:

In accordance with your request, McKim & Creed, Inc.(M&C) is pleased to submit our proposal to provide Subsurface Utility Engineering services for the above referenced project. Our project understanding, scope of services, schedule, compensation, and terms of the Agreement are included herein.

PROJECT UNDERSTANDING

The project will consist of Subsurface Utility Engineering Services as described below. Designating efforts will be required to mark the approximate horizontal position within the project limits. Designating includes Electromagnetic Induction and Passive detection with Pipe and Cable Locators, Magnetic Locators, Duct Rodders and Sondes and Ground Penetrating Radar. Locating efforts will be required to expose and record the precise horizontal and vertical location of a utility, along with other characteristics. Locating includes minimally intrusive excavation, via hand tools and air-entrainment/vacuum excavation.

SCOPE OF SERVICES

McKim & Creed(M&C) will provide personnel, tools and specialized equipment to Designate and Locate apparent utilities, in accordance with CI/ASCE 38-02 Guidelines, within the limits as depicted in the attached "Exhibit A". We will mark apparent public utilities in the field, using color coded wire flags and paint. We will provide a sketch/report of our findings on a site plan or by other means. M&C will establish a Design ticket through Sunshine One Call System as part of our process. We attempt to collect records to ensure accurate inventory is taken of expected utilities and provide this information with our report. Once the Designating effort has been completed and reviewed, M&C will Locate utilities within the conflict areas as determined by the client. This proposal is based on the requested limits of utility designation and up to forty (40) test holes, outside of travel lanes and limited MOT/TTC. Restoration will be limited to the extents of excavation. M&C's effort is based on preliminary research and shall be performed within standard daylight hours of 8am-5pm. M&C does not guarantee that all utilities will be detectable. Should additional utilities be discovered, or more effort required, this proposal may need revision.

9432 Baymeadows Road

Suite 121

Jacksonville, FL 32256

904.587.0134

www.mckimcreed.com

DELIVERABLES

Based on our understanding of your requirements, McKim & Creed will provide the deliverables below in the formats noted as part of our scope of services. If additional deliverables are requested, or if deliverables are required to be delivered in alternate formats, those requests will be considered additional services.

Deliverable	Format
Designating Sketches	PDF
SUE/VVH Reports	PDF

FEE ESTIMATE

Our Not-To-Exceed Estimate for this project is **\$47,667.07**. Invoicing will be sent directly to the Client. McKim and Creed will be paid by the Client based on our established rate schedule, as outlined in our General Terms and Conditions.

Item	Description	Est Quantity	Units	Unit Price	Total Per Item
1	16 Days Designating Crew	160	Hrs	\$165.00	\$26,400.00
2	7 Days Vacuum Excavation Crew (40 Test Holes @ 5.75/day)	70	Hrs	\$239.99	\$16,799.48
3	S.U.E. Project Manager	29	Hrs	\$154.06	\$4,467.60
				Total	\$47,667.07

SCHEDULE OF SERVICES

We will schedule the effort described in the above Scope of Services as expeditiously as practical, weather permitting, to meet a mutually agreed schedule upon receipt of your written authorization to proceed.

ASSUMPTIONS / CLARIFICATIONS

Information to be provided by Client: The Client shall provide all necessary information listed below, including any updates to previously provided information and any other information reasonably requested by M&C.

Items to be provided by Client include:

- Any available As-Builts/Utility Records/Permits
- Engineering Design of Proposed Project

ATTACHMENTS

The following documents are attached hereto and incorporated herein by reference:

1. Exhibit A – Subsurface Utility Investigation Limits
2. General Terms and Conditions

ACCEPTANCE

If you find this proposal acceptable, please sign and return one (1) copy of this document and all attachments for our files. Our receipt of the executed copy of this proposal will serve as our Notice to Proceed. This proposal is valid for thirty (30) days from the date of the proposal. If the proposal is not accepted within thirty (30) days, we reserve the right to revise or withdraw the proposal entirely at our discretion.

We appreciate the opportunity and look forward to working with you on this project. We are prepared to schedule our work immediately, however, time may be required to collect and review utility records prior to mobilization. If you have any questions, or need additional information, please feel free to call us.

Sincerely,

Jonathan R. Welker

Jonathan Welker, PG
Senior SUE Project Manager
McKim & Creed

I hereby authorize McKim & Creed, Inc. to proceed with the work described above.

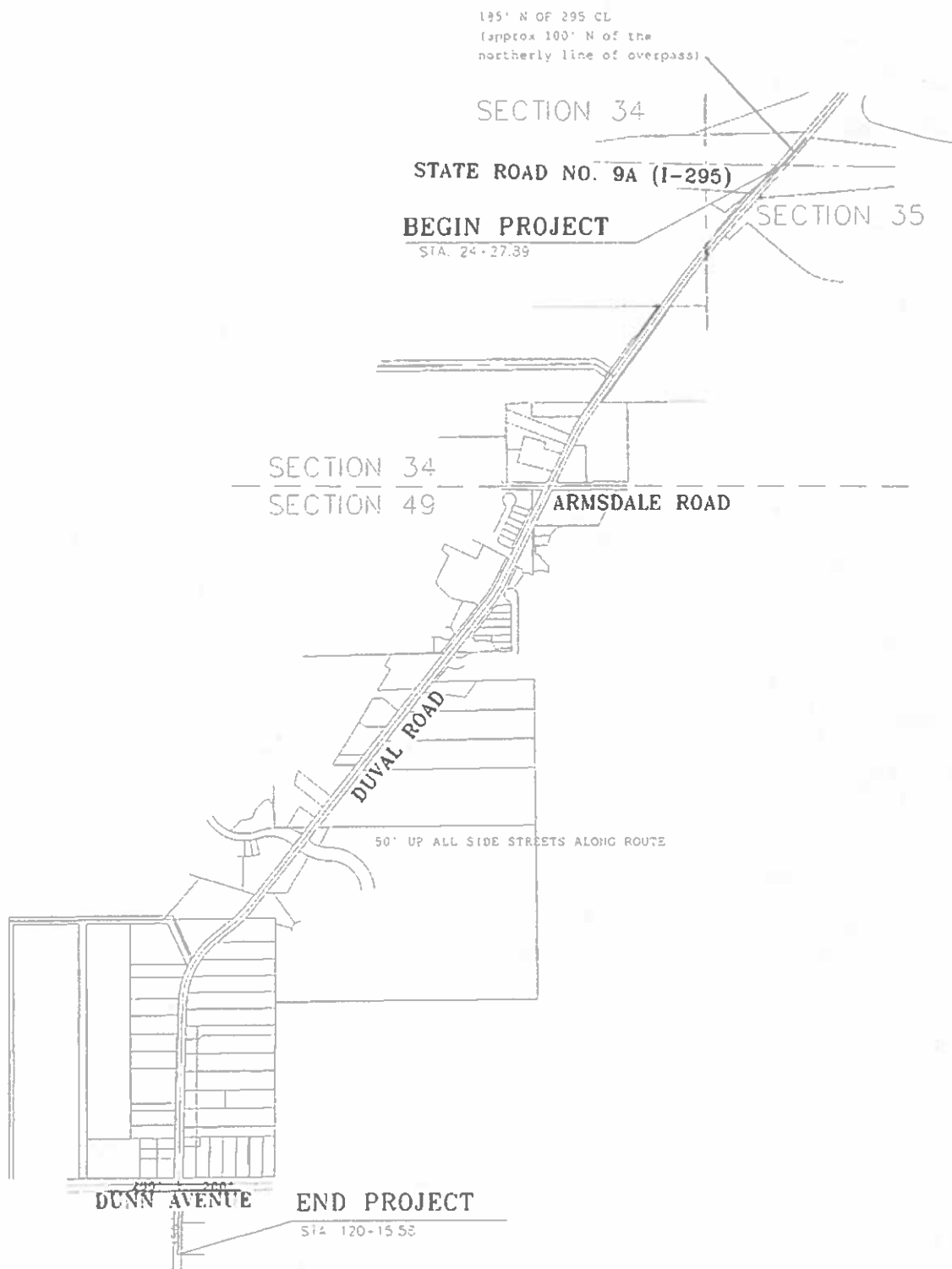
CLIENT: SMITH SURVEYING GROUP

BY: _____

DATE: _____

TITLE: _____

EXHIBIT A



**Appendix B
Scope of Services
Geotechnical Services**



GEOTECHNICAL SCOPE OF WORK
Geotechnical Exploration – Design Phase
Duval Road Widening from Dunn Avenue to I-295
Duval County, Florida

SCOPE OF PROPOSED GEOTECHNICAL SERVICES

A preliminary phase PD&E study was completed for the subject project. This design phase will consist of the complete field exploratory borings, laboratory testing, and geotechnical analysis of the collected data required to finalize the design.

PROPOSED GEOTECHNICAL EXPLORATION

Field Exploration – The proposed exploration will consist of geotechnical studies and the collection of subsurface data as follows:

Duval Road Reconstruction – Exploration will consist of 30 Standard Penetration Test (SPT) borings along each side of Duval Road to a depth of 20 feet each. The exploration will also include 10 auger borings performed to a depth of 7 feet each for muck delineation. The borings will be grouted upon completion.

Ponds – The project includes four proposed pond sites: Pond 1-A (0.60 acres), Pond 2-A (0.80 acres), Pond 3-A (0.28 acres), Pond 4-A (0.37 acres). Exploration will consist of 6 SPT borings to depths of 20 feet each. The borings will be grouted upon completion.

Bridge Replacement at Cedar Creek – Two SPT borings will be performed to 125' deep each, with one boring performed at each end bent of the proposed one-span bridge. Undisturbed samples of cohesive and unsuitable organic soils will be obtained in accordance with FDOT Standards. Soil and water samples from the bridge area will also be tested for environmental classification testing. Additionally, D50 grain sizing will be collected and tested for the bridge hydraulic report. The bridge borings will be grouted upon completion.

Cantilever Walls – Exploration will consist of 4 SPT borings to depths of 40 feet each. The borings will be grouted upon completion.

Box Culvert Replacement / Extension – Exploration will consist of 4 SPT borings to depths of 40 feet each. The borings will be grouted upon completion.

Miscellaneous Structures – For estimating purposes, 6 SPT borings to depths of 25 feet each for possible Strain Poles & Multipost Signs improvements. Additional miscellaneous structures if deemed necessary during design will be explored under a supplemental agreement. The borings will be grouted upon completion.

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.

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, Atterberg Limits, Environmental/Corrosion Testing, natural density, specific gravity, LBR, Triaxial (UU), and Consolidation Testing.

Engineering/Support Services - A geotechnical engineer, registered in the State of Florida, will direct the geotechnical exploration and provide engineering analysis and evaluation of the site and subsurface conditions with respect to the planned construction. The results of the exploration will be presented in a report containing the following:

- A brief discussion of the planned construction.
- A graphical representation of the subsurface conditions encountered as well as encountered and seasonal high water tables, etc., as they relate to the planned construction.
- 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 and ponds construction.
- D50 test results on creek soils.
- Pile capacity curves for precast driven concrete piles for the bridge foundations.
- Soil properties for Cantilever walls, strain poles, sheetpile walls, and multipost design.

Appendix C
Scope of Services
Cultural Resource Survey

May 7, 2021

Richard Rocktoff
Benesch
225 Water St Ste 1510,
Jacksonville, FL 32202
rrocktoff@benesch.com

RE: Proposal for a Phase I Cultural Resource Assessment Survey.
Financial Management No. N/A
SEARCH Proposal # T021-078

Dear Mr. Rocktoff,

SEARCH is pleased to provide this proposal for a Phase I Cultural Resource Assessment Survey (CRAS) in support of the proposed Duval Road Widening in Duval County, Florida. This project is expected to include an archaeological survey and an architectural history survey, as noted below.

Background

The Project involves the widening of Duval Road from the I-295 underpass to Dunn Road, a distance of approximately 1.8 miles. It is also anticipated that four pond sites will be surveyed during the project.

Scope of Services

SEARCH will conduct a CRAS of the project Area of Potential Effect (APE) roadway widening and proposed ponds. This CRAS will consist of historical background research, an architectural history survey, examination of historical maps, pedestrian survey, and the excavation of subsurface shovel tests.

The fieldwork and subsequent report will be completed in accordance with Part 2, Chapter 8 of FDOT's PD&E Manual, Chapter 3 (Site Identification) of the FDOT Cultural Resource Management Handbook, the Florida DHR's *Cultural Resource Management Standards and Operation Manual, Module Three: Guidelines for Use by Historic Preservation Professionals*, and Rule Chapter 1A-46 F.A.C. The work will comply with the provisions of Chapter 267, *Florida Statutes*, as well as Section 106 of the National Historic Preservation Act of 1966, as amended (Public Law 113-287 [Title 54 USC]).

AREA OF POTENTIAL EFFECT (APE)

For corridors, SEARCH generally recommends that the APE be defined to include parcels adjacent to the corridor, extending to the back or side property lines or a distance no greater than 100



meters (330 feet) to either side of the existing/proposed right-of-way. For ponds, SEARCH recommends that the APE be defined as the proposed pond footprint and include a 30-meter (100 foot) buffer.

The archaeological survey will be limited to the proposed right-of-way and pond footprints. The architectural survey will include the entire APE.

FIELDWORK

Prior to fieldwork, SEARCH will use the Sunshine State One Call of Florida, Inc. (SSOCOF) system to coordinate for the location of buried utilities within the proposed project area.

Archaeological fieldwork will include 6 days of fieldwork for a team of 2 archaeologists. Architectural fieldwork will include 3 days of fieldwork for a team of 2 architectural historians. Fieldwork will be completed in two field mobilizations: one for the mainline and one for the recommended ponds.

LAB ANALYSIS AND REPORTING

This proposal includes the cost of collecting, processing, analyzing, temporarily curating, and shipping up to 50 artifacts; laboratory work for any additional artifacts will be considered a project change.

Upon project completion, any artifacts recovered during the project will be transferred to the appropriate facility for permanent curation.

Deliverables

QUANTITY	DELIVERABLE	VIA
1	Certificate of Insurance ¹	Email
1	Draft Corridor Report PDF	Email
1	Final Corridor Report PDF	Email
1	Final Corridor Report with SHPO Project Packet	FedEx
1	Pond Alternatives Desktop Analysis PDF	Email
1	Draft Ponds Addendum PDF	Email
1	Final Ponds Addendum PDF	Email
1	Final Ponds Addendum with SHPO Project Packet	FedEx
1	Recovered cultural material to permanent curation facility	FedEx

¹ Upon Request

Project Schedule

The project schedule will be developed in consultation with the Client.

Staff Hours and Fee



SEARCH will complete this Scope of Services with an estimated 440 hours for a fee of \$46,520.57.

SEARCH is providing this proposal to complete the Scope of Services described herein and relevant report for the Client's review and upon their instruction, submission to the appropriate agency. This price is based on the project-specific assumptions noted herein and SEARCH's standard Expectations & Exclusions (Attachment A).

This proposal is valid for 90 days. SEARCH has the capacity and experience to complete this project according to agency and client requirements. If this proposal does not meet your project goals, please let me know and I will be happy to make the necessary revisions or provide you with additional information. On behalf of the SEARCH team, we appreciate this opportunity to work with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jessica Fish', with a large, stylized flourish at the end.

Jessica Fish
Principal Investigator, SEARCH

Appendix D
Scope of Services
Environmental Services



13 June 2022

Mr. Victor Conover, PE, CFM
Alfred Benesch & Company
1005 Broad Street, Suite 200
Augusta, Georgia 30901

**RE: Duval Road Widening
Duval County, Florida
Proposal/Contract for Services
ERS Proposal No. P21136R2**

Dear Mr. Conover:

Environmental Resource Solutions (ERS), a division of SES Energy Services LLC, is pleased to provide you with this proposal/contract to assist with state and federal environmental permitting efforts and conservation easement release coordination for the Duval Road Widening project in Duval County, Florida. Please note that wetland delineation efforts were conducted during the Natural Resources Evaluation (NRE). A supplemental proposal will be required if the final project limits deviate from the limits included in the NRE requiring additional wetland delineation efforts.

We look forward to working with you on this project. Please feel free to contact me with any questions.

Sincerely,

ENVIRONMENTAL RESOURCE SOLUTIONS
A Division of SES Energy Services LLC

Jonathan Summerfield, PWS
Senior Environmental Scientist/Project Manager

Attachment: Proposal/Contract for Services
General Terms and Conditions

JDS/P21136R2_DuvalRd

PROPOSAL/CONTRACT

Prepared for:

**Mr. Victor Conover, PE, CFM
Alfred Benesch & Company
1005 Broad Street, Suite 200
Augusta, Georgia 30901
13 June 2022**

**RE: Duval Road Widening
Duval County, Florida
Proposal/Contract for Services
ERS Proposal No. P21136R2**

Scope of Services

Task 1 – Permitting Assistance. Environmental Resource Solutions (ERS), a division of SES Energy Services LLC, will assist the Client with St. Johns River Water Management District (SJRWMD) and federal permitting efforts for the development of the proposed project. ERS will prepare the text, tables, and graphics needed to address the environmental portions of the environmental resource permit (ERP) applications. Once final impacts are determined, ERS will prepare a functional assessment to determine the amount of mitigation needed to offset permanent (unavoidable) impacts. It is anticipated that mitigation bank credits will be utilized to offset unavoidable impacts. ERS will require final plans in AutoCAD format prior to initiating permit application preparation. This task includes attending team meetings and conducting any required field visits or office meetings with agency staff during the permitting process.

Please note that the Florida Department of Environmental Protection (FDEP) has assumed responsibility for Clean Water Act permitting under Section 404 for certain wetland areas in Florida. Section 404 permits will be processed through either FDEP or U.S. Army Corps of Engineers (USACE) pursuant to the assumption agreement.

Task 2 - Conservation Easement Release Processing, SJRWMD. ERS will assist in the compilation of the information required for a conservation easement (CE) release request. The compiled information will include a site plan (prepared by others), written justification for the release (prepared with the assistance of the client), a description of the wetland/habitat areas proposed for the release, preparation of CE release documentation required by SJRWMD (Governing Board memo and CE release checklist), documentation of the mitigation value to be replaced (based on the previous permit), and a discussion of how the environmental values of the areas under CE will be replaced. It is assumed that mitigation bank credit purchase will be utilized as the replacement method. This task does not include costs associated with the following efforts: preparation of a legal description/sketch of the release area by a professional surveyor, ownership/encumbrance report for the release area; or mitigation bank credit purchase.

Not to Exceed.....\$27,941.62

Meetings/Consultation. Any requested meetings or consultation that are beyond the scope of services as described above will be invoiced on a time and materials basis at standard hourly rates.

If this proposal, which incorporates the attached General Terms and Conditions by reference, meets with your approval, please sign below and return a copy to our office as your authorization to proceed. We look forward to working with you.

TERMS ACCEPTED:

For: _____

For: SES Energy Services LLC (ERS Division)

Date: _____

Date: 13 June 2022

By: _____

By: 

(Signature)

(Signature)

(Printed/Typed)

Kim Allerton

(Printed/Typed)

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

PART I - GENERAL

1. Project Duval Road Widening	2. Proposal No. / Contract No. P-22-18 / 10747
3. Name of Consultant Alfred Benesch and Co.	4. Date of Proposal 10/27/22

PART II - LABOR RELATED COSTS

5. Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	\$ 91.64	75	\$ 6,873.00	
Senior PM	\$ 78.47	415	\$ 32,565.05	
PM I	\$ 46.97	1627	\$ 76,420.19	
Project Engineer	\$ 54.18	4590	248,686.20	
Engineering Intern	\$ 38.95	2376	92,545.20	
Senior Planner	\$ 55.27	0	\$ 0.00	
Clerical	\$ 33.22	54	\$ 1,793.88	
TOTAL REIMBURSABLE LABOR	\$50.22	9137		\$ 458,883.52
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	165.27 % x Total Direct Labor			\$ 758,396.79
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 1,217,280.31
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 121,728.03

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 500.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 500.00
10. SUBCONTRACTS (Lump Sum)				
Peters & Yaffee (Signalization Plans)			\$ 33,231.47	
			\$	
SUB-CONTRACT SUB-TOTAL				\$ 33,231.47
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 1,372,739.81
11. REIMBURSABLE SUBCONTRACTS & COSTS (Limiting Amount)				
Benesch (Public Meeting Expenses & Exhibit Boards)			\$ 2,000.00	
Aerostar (Contamination Related Services)			\$ 26,805.09	
CSI Geo (Geotechnical Services)			\$ 163,183.50	
ERS (Environmental Permitting Services)			\$ 27,941.62	
SEARCH (Cultural Resources Services)			\$ 47,419.16	
Smith Survey / McKim & Creed (Survey, Mapping & SUE)			\$ 248,628.55	
Benesch (Optional Services - Must have City Approval to Spend)			\$ 30,000.00	
SUB-TOTAL REIMBURSABLES				\$ 545,977.92

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 3 (Lump Sum plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 1,918,717.73
13. CURRENT CONTRACT AMOUNT	\$ 590,408.10
14. AMENDED CONTRACT AMOUNT	\$ 2,509,125.83

RATE ADJUSTMENT CALCULATION FORM

Consultant Name:	<u>Alfred Benesch and Co.</u>
Project Name	<u>Duval Road Widening</u>
RFP#	<u>P-22-18</u>
Contract #	<u>10747</u>
Amendment #	<u>3</u>

Rate Increase Worksheet:

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

	Month	Year	CPI Value
Current CPI =	June	2022	296.311
Date of contract or last contract amendment =	February	2020	<u>258.678</u>
			37.633

Formula: Current CPI value minus Previous CPI Value divided by Last CPI Value
 equals % increase for new rates = 14.55%

	Old Rates	Percent Increase	New Hrly Rate
Alfred Benesch and Co.			
Principal Engineer	\$ 80.00	14.55%	\$ 91.64
Senior Project Manager	\$ 68.50	14.55%	\$ 78.47
Project Manager	\$ 41.00	14.55%	\$ 46.97
Project Engineer	\$ 47.30	14.55%	\$ 54.18
Engineer Intern	\$ 34.00	14.55%	\$ 38.95
Senior Planner	\$ 48.25	14.55%	\$ 55.27
Clerical	\$ 29.00	14.55%	\$ 33.22



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

January 20, 2022

Sreekanth Nandagiri, Executive Vice President/Southeast Regional Manager
ALFRED BENESCH & COMPANY
One Enterprise Center, 225 Water Street, Suite 1510
Jacksonville, Florida 32202

Dear Mr. Nandagiri:

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
 - 5.2 - 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

- 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

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 November 30, 2022, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
165.27%*	0.212%*	Reimbursed	No	5.53%*

*Interim Rates

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

Appendix B
Fee Back-up Documentation
Smith Survey Group (Survey, Mapping, SUE)

CONTRACT FEE SUMMARY FORMAT FOR ALFRED BENESCH & COMPANY EXHIBIT G

PART I - GENERAL				
1. Project Duval Road SUE/TOPO		2. Task 2 Topographic & Tree Survey for Ponds		
3. Name of Consultant Smith Surveying Group, LLC		4. Date of Proposal 9/6/2022		
PART II - LABOR RELATED COSTS				
5. Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$ 67.82	92	\$ 6,239.44	
CADD	\$ 45.20	784	\$ 35,436.80	
Survey Crew	\$ 67.82	463	\$ 31,400.66	
Admin	-			
TOTAL REIMBURSABLE LABOR	\$54.58	1339		\$ 73,076.90
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Reimbursable Labor	\$ 109,615.35
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 182,692.25
8. PROFIT: Labor Related Costs (Item 7) x				10% \$ 18,269.23
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 0.00	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Reimbursable)				
McKim & Creed			47,667.07	
SUB-CONTRACT SUB-TOTAL				\$ 47,667.07
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 248,628.55
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT Reimbursable/NTE (Items 5, 6, 8, 9, 10 and 11)				\$ 248,628.55

CONTRACT FEE SUMMARY FORMAT FOR ALFRED BENESCH & COMPANY EXHIBIT G

PART I - GENERAL				
1. Project Duval Road SUE		2. Task 2 Topographic & Tree Survey for Ponds		
3. Name of Consultant McKim & Creed		4. Date of Proposal 5/12/2022		
PART II - LABOR RELATED COSTS				
5. Direct Reimbursable Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Designating Crew	\$ 60.00	160	\$ 9,600.00	
Vacuum Excavation Crew	\$ 87.27	70	\$ 6,108.90	
SUE Project Manager	\$ 56.02	29	\$ 1,624.58	
	-		\$	
TOTAL REIMBURSABLE LABOR	\$66.92	259		\$ 17,333.48
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150 % x Total Direct Labor			\$ 26,000.22
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 43,333.70
8. PROFIT: Labor Related Costs (Item 7) x				10% \$ 4,333.37
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 0.00	
Original Reproduces			\$ 0.00	
Reproduction			\$ 0.00	
			\$ 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)				\$ 47,667.07
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT Reimbursable/NTE (Items 5, 6, 8, 9, 10 and 11)				\$ 47,667.07

RATE ADJUSTMENT CALCULATION FORM

Consultant Name: Smith Surveying (Subconsultant to Alfred Benesch and Co.)
 Project Name Duval Road Widening
 RFP# P-22-18
 Contract # 10747
 Amendment # 3

Rate Increase Worksheet:

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

		Month	Year	CPI Value
	Current CPI =	April	2022	289.109
Date of contract or last contract amendment =		February	2020	<u>258.678</u>
				30.431

Formula: Current CPI value minus Previous CPI Value divided by Last CPI Value equals % increase for new rates = 12%

	Old Rates	Percent Increase	New Hrly Rate	New Loaded Rate (2.75 Multiplier)
Smith Surveying				
Project Manager	\$ 60.55	12.00%	\$ 67.82	\$ 186.51
Survey Crew	\$ 60.55	12.00%	\$ 67.82	\$ 186.51
CADD	\$ 40.36	12.00%	\$ 45.20	\$ 124.30

		% Increase		
McKim & Creed				
Designating Crew	\$ 53.57	12.00%	\$ 60.00	\$ 165.00
Excavating Crew	\$ 77.92	12.00%	\$ 87.27	\$ 239.99
Chief Engineer	\$ 50.02	12.00%	\$ 56.02	\$ 154.06

Note: Loaded Rates are not rounded.

Appendix C
Fee Back-up Documentation
CSI GEO (Geotechnical Services)



Geotechnical · CMT · CEI

Geotechnical Fee Estimate
Geotechnical Exploration - Design Phase
Duval Road Widening from Dunn Avenue to I-295
Duval County, Florida

Geotechnical Item	Unit	Number of Units	Cost / Unit	Escalate
			Old Rate	
Field Investigation				
Crew & Equipment Mobilization / Demobilization:				
Mobilization - ATV Rig	ea.	2	\$650.00	1.1
Mobilization - Track Rig	ea.	1	\$7,500.00	1.1
Roadway Reconstruction (ATV Rig):				
30 SPT @ 20' ea.:	lin. ft.	600	\$13.50	1.1
Casing to Stabilize Borehole	lin. ft.	300	\$10.00	1.1
Grout Boreholes	lin. ft.	600	\$6.00	1.1
Undisturbed Sample-Fixed Piston Sampler	ea.	20	\$140.00	1.1
10 Auger Borings for Delineation @ 7' ea.:	lin. ft.	70	\$10.50	1.1
Bulk Sample Pick-up	ea.	2	\$90.00	1.1
Bridge Reconstruction at Cedar Creek (2 SPT on Land - Track Rig):				
2 Standard Penetration Test (SPT) @ 125' ea.:				
0-50' SPT	lin. ft.	100	\$24.00	1.1
50'-100' SPT	lin. ft.	100	\$26.50	1.1
100'-150' SPT	lin. ft.	50	\$30.00	1.1
Extra Split Spoon Sample				
0-50'	ea.	16	\$38.00	1.1
50'-100'	ea.	20	\$44.00	1.1
100'-150' SPT	lin. ft.	10	\$46.00	1.1
Casing to Stabilize Borehole	lin. ft.	140	\$17.00	1.1
Undisturbed Sample-Fixed Piston Sampler	ea.	2	\$210.00	1.1
Grout Boreholes				
0-50'	lin. ft.	100	\$7.00	1.1
50'-100'	lin. ft.	100	\$8.00	1.1
100'-150'	lin. ft.	50	\$8.75	1.1
Ponds (Track Rig):				
6 SPT @ 20' ea.:	lin. ft.	120	\$24.00	1.1
Extra Split Spoon Sample	ea.	18	\$38.00	1.1
Casing to Stabilize Borehole	lin. ft.	60	\$17.00	1.1
Undisturbed Sample-Fixed Piston Sampler	ea.	4	\$210.00	1.1
Grout Boreholes	lin. ft.	120	\$7.00	1.1
Cantilever Walls SPT Borings (ATV Rig):				
4 SPT @ 40' ea.:	lin. ft.	160	\$13.50	1.1
Casing to Stabilize Borehole	lin. ft.	40	\$10.00	1.1
Undisturbed Sample-Fixed Piston Sampler	ea.	4	\$140.00	1.1
Grout Boreholes	lin. ft.	160	\$6.00	1.1
Rox Culvert Renlacement/Extension at Blackhouse Creek (ATV Rig):				



Geotechnical Fee Estimate
Geotechnical Exploration - Design Phase
Duval Road Widening from Dunn Avenue to I-295
Duval County, Florida

Geotechnical Item	Unit	Number of Units	Cost / Unit	Escalation
			Old Rate	
Laboratory Testing				
Moisture Content of Soils	ea.	108	\$21.00	1.1
Organic Content in Soils	ea.	63	\$37.00	1.1
Material Finer Than No. 200 Sieve	ea.	54	\$35.00	1.1
Grain Size Analysis	ea.	34	\$67.00	1.1
Plastic Limit of soil	ea.	58	\$49.00	1.1
Liquid Limit of soil	ea.	58	\$50.00	1.1
Corrosion Series Test - (Environmental Corrosion)	ea.	20	\$225.00	1.1
Consolidation	ea.	9	\$500.00	1.1
Specific Gravity	ea.	16	\$85.00	1.1
Natural Density	ea.	16	\$55.00	1.1
Triaxial (UU)	ea.	7	\$170.00	1.1
LBR Testing	ea.	2	\$335.00	1.1
		Subtotal:		
Geotechnical Investigation Total (Field Investigation & Laboratory Testing):				
Engineering/Support Services				
Senior Geotechnical Engineer	hr.	14	\$67.23	1.1
Geotechnical Engineer	hr.	41	\$45.91	1.1
Staff Geotechnical Engineer	hr.	80	\$35.10	1.1
CADD/Computer Technician	hr.	83	\$32.84	1.1
Geotechnical Technician	hr.	39	\$25.00	1.1
Secretary/Clerical	hr.	19	\$15.00	1.1
TOTAL DIRECT LABOR:				
OVERHEAD:				
SUBTOTAL: Labor + Overhead				
PROFIT: Labor Related Costs:				
Engineering/Support Services (Labor + Overhead + Profit):				
GRAND TOTAL ESTIMATED FEE:				



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 6, 2022

William Price, President
CSI GEO, INC.
2394 St. Johns Bluff Road South, Suite 200
Jacksonville, Florida 32246

Dear Mr. Price:

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
 - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI

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	Published Fee Schedule
194.84%	155.72%	0.389%	Excluded	No	0.30%	2.72%*	Yes

*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 style with a large, prominent "K".

Carliayn Kell
Professional Services
Qualification Administrator

Appendix D
Fee Back-up Documentation
SEARCH (Cultural Resources)

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

PART I - GENERAL

1. Project Duval Road Widening Project	2. Proposal No. / Contract No. /
3. Name of Consultant SEARCH	4. Date of Proposal August 16, 2022

PART II - LABOR RELATED COSTS

5. Reimbursable Labor (NTE)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$ 53.80	6	\$ 322.80	
Chief Archaeologist	\$ 48.91	119	\$ 5,820.29	
Sr. Scientist	\$ 39.86	125	\$ 4,982.50	
Scientist	\$ 29.69	46	\$ 1,365.74	
Sr. Archaeologist	\$ 35.93	29	\$ 1,041.97	
Archaeologist	\$ 32.33	82	\$ 2,651.06	
GIS Specialist	\$ 27.53	0	\$ 0.00	
Clerical	\$ 32.09	33	\$ 1,058.97	
TOTAL REIMBURSABLE LABOR	\$ 39.19	440		\$ 17,243.33
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate		150 % x Total Direct Labor		\$ 25,865.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 43,108.33
8. PROFIT: Labor Related Costs (Item 7)		x	10%	\$ 4,310.83

PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs (NTE)		
Printing	\$	
Transportation	\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		\$ -
10. SUBCONTRACTS (Reimbursable/Not to Exceed)	\$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)		\$ -
11. REIMBURSABLE COSTS (Limiting Amount)	\$	
	\$	
SUB-TOTAL REIMBURSABLES		\$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Reimbursable/NTE) (Items 5, 6, 8, 9, 10, and 11)	\$ 47,419.16
13. ORIGINAL OR CURRENT CONTRACT AMOUNT	
14. AMENDED CONTRACT AMOUNT	\$ 47,419.16

RATE ADJUSTMENT CALCULATION FORM

Consultant Name: SEARCH, Inc. (Subconsultant to Alfred Benesch and Co.)
 Project Name Duval Road Widening
 RFP# P-22-18
 Contract # 10747
 Amendment # 3

Rate Increase Worksheet:

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

	Month	Year	CPI Value
Current CPI =	April	2022	289.109
Date of contract or last contract amendment =	February	2020	<u>258.678</u>
			30.431

Formula: Current CPI value **minus** Previous CPI Value **divided** by Last CPI Value
equals % increase for new rates = 12%

	Old Rates	Percent Increase	New Hrly Rate
SEARCH, Inc.			
Project Manager 3	\$ 48.04	12.00%	\$ 53.80
Chief Archaeologist	\$ 43.67	12.00%	\$ 48.91
Sr. Scientist	\$ 35.59	12.00%	\$ 39.86
Sr. Scientist	\$ 26.51	12.00%	\$ 29.69
Chief Archaeologist	\$ 32.08	12.00%	\$ 35.93
Chief Archaeologist	\$ 28.87	12.00%	\$ 32.33
GIS Specialist	\$ 24.58	12.00%	\$ 27.53
Secretary/Clerical	\$ 28.65	12.00%	\$ 32.09

EXHIBIT G

ite	Escalation	New Rate	Hours	Subtotal	Multiplier	Subtotal w/ Multiplier
.04	1.12	\$ 53.80	6	\$ 322.80	2.75	\$ 887.70
.67	1.12	\$ 48.91	119	\$5,820.29	2.75	\$ 16,005.80
.59	1.12	\$ 39.86	125	\$4,982.50	2.75	\$ 13,701.88
.51	1.12	\$ 29.69	46	\$1,365.74	2.75	\$ 3,755.79
.08	1.12	\$ 35.93	29	\$1,041.97	2.75	\$ 2,865.42
.87	1.12	\$ 32.33	82	\$2,651.06	2.75	\$ 7,290.42
.58	1.12	\$ 27.53	0	\$ -	2.75	\$ -
.65	1.12	\$ 32.09	33	\$1,058.97	2.75	\$ 2,912.17
						\$ 47,419.16

- .00
- .50
- .50
- .25
- .75

Appendix E
Fee Back-up Documentation
SES Energy Services (Environmental Services)

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

PART I - GENERAL

1. Project Duval Road Widening	2. Proposal No. / Contract No. P21136R2 / TBD
3. Name of Consultant SES Energy Services LLC, Environmental Resource Solutions Division	4. Date of Proposal June 13, 2022

PART II - LABOR RELATED COSTS

5. REIMBURSABLE LABOR (NTE)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager (Sr. Env. Scientist I)	\$94.23	10	\$ 942.26	
Sr. Environmental Scientist II	\$70.00		\$ 0.00	
Sr. Environmental Scientist II	\$63.94	36	\$ 2,301.87	
Environmental Scientist I	\$51.60	40	\$ 2,063.94	
Environmental Scientist II	\$51.52		\$ 0.00	
Environmental Scientist II	\$51.15		\$ 0.00	
Environmental Scientist III	\$40.67		\$ 0.00	
Environmental Scientist IV	\$37.71		\$ 0.00	
Environmental Technician I	\$32.35	65	\$ 2,102.46	
GIS Specialist	\$36.11	34	\$ 1,227.70	
Drafter / CADD Operator	\$32.35	26	\$ 840.99	
TOTAL REIMBURSABLE LABOR		211		\$ 9,479.22
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	167.97 % x Total Direct Labor			\$ 15,922.25
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 25,401.47
8. PROFIT: Labor Related Costs (Item 7)		x	10%	\$ 2,540.15
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs (Lump Sum)				
Printing			\$	
Public Meeting Expenses			\$	
Changeable Message Boards			\$	
Transportation			\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Reimbursable/Not to Exceed)			\$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)				\$ -
11. REIMBURSABLE COSTS (Limiting Amount)			\$	
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Reimbursables/NTE) (Items 5, 6, 8, 9, 10, and 11)				\$ 27,941.62
13. ORIGINAL OR CURRENT CONTRACT AMOUNT				
14. AMENDED CONTRACT AMOUNT				\$ 27,941.62

RATE ADJUSTMENT CALCULATION FORM

Consultant Name: SES Energy Services, LLC (Subconsultant to Alfred Benesch & Co.)
 Project Name Duval Road Widening
 RFP# P-22-18
 Contract # 10747
 Amendment # 3

Rate Increase Worksheet:

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

	Month	Year	CPI Value
Current CPI =	April	2022	289.109
Date of contract or last contract amendment =	February	2020	<u>258.678</u>
			30.431

Formula: Current CPI value minus Previous CPI Value **divided** by Last CPI Value
equals % increase for new rates = 12%

	Old Rates	Percent Increase	New Hrly Rate
SES Energy Services, LLC			
Project Mgr/Sr Env. Sci I	\$ 84.13	12.00%	\$ 94.23
Sr. Env. Scientist II	\$ 62.50	12.00%	\$ 70.00
Sr. Env. Scientist II	\$ 57.09	12.00%	\$ 63.94
Environmental Scientist I	\$ 46.07	12.00%	\$ 51.60
Environmental Scientist II	\$ 46.00	12.00%	\$ 51.52
Environmental Scientist II	\$ 45.67	12.00%	\$ 51.15
Environmental Scientist III	\$ 36.31	12.00%	\$ 40.67
Environmental Scientist IV	\$ 33.67	12.00%	\$ 37.71
Environmenal Tech I	28.88	12.00%	\$ 32.35
GIS Specialist	32.24	12.00%	\$ 36.11
Drafter / CADD Operator	28.88	12.00%	\$ 32.35

Duval Road Widening Project
SES Energy Services LLC, Environmental Resource Solutions Division
Proposal No. P21136R2
June 13, 2022

Rate Conversion Sheet

Position Title	2021 Rate	Requested % Increase	Increase Amount	New Rate
Project Manager (Sr. Env. Scientist I)	\$ 84.13	12%	\$ 10.10	\$ 94.23
Sr. Environmental Scientist II	\$ 62.50	12%	\$ 7.50	\$ 70.00
Sr. Environmental Scientist II	\$ 57.09	12%	\$ 6.85	\$ 63.94
Environmental Scientist I	\$ 46.07	12%	\$ 5.53	\$ 51.60
Environmental Scientist II	\$ 46.00	12%	\$ 5.52	\$ 51.52
Environmental Scientist II	\$ 45.67	12%	\$ 5.48	\$ 51.15
Environmental Scientist III	\$ 36.31	12%	\$ 4.36	\$ 40.67
Environmental Scientist IV	\$ 33.67	12%	\$ 4.04	\$ 37.71
Environmental Technician I	\$ 28.88	12%	\$ 3.47	\$ 32.35
GIS Specialist	\$ 32.24	12%	\$ 3.87	\$ 36.11
Drafter / CADD Operator	\$ 28.88	12%	\$ 3.47	\$ 32.35

The percent increase included in this conversion was provided by the prime contractor for use in this proposal. In addition, the ERS Overhead Rate increased based on the most up to date FDOT Audit. The rate increased from 167.5% to 167.97%. A copy of the FDOT Audit is included with this conversion. No additional rate increases were requested or authorized as part of this proposal revision.

From: Owens, Jeffrey <Jeffrey.Owens@dot.state.fl.us>
Sent: Tuesday, June 21, 2022 10:40 AM
To: Kell, Carliayn
Cc: Cook, Jon; Walls, Kelly; Charlie Cruz
Subject: SES Energy Services LLC - approval memo for FYE 3/31/22

Caution: This is an external email. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department.



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

This Office has completed a review of the self-certification information submitted by SES Energy Services LLC for the period ending March 31, 2022. The rates we have accepted are listed below. The overhead and direct expense rates are limited to the department caps. *This Firm Is not a Professional Services Firm as defined by Rule Chapter 14-75.*

REVIEW OF SELF-CERTIFICATION

CONSULTANT NAME	SES Energy Services LLC	F/T Ended	3/31/22	Rate Expiration Date	10/1/23
CPA'S NAME	Self-Certification	DATE OF RECEIPT	6/7/22	Cert. DATE	6/7/22

REPORT STATUS

REJECTED	OT PREMIUM	Reimb. Actual Expenses
X	Excluded (Excluded or Reimb)	NO

COST BASED RATES

OVERHEAD		DIRECT EXPENSE		FCCAF	Published Fee Schedule
Home	Field	Home	Field		
167.97%		7.16%		0.062%	NO
<i>Capped</i>		<i>Capped</i>			

Appendix F
Fee Back-up Documentation
Aerostar (Contamination Services)

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

PART I - GENERAL

1. Project Duval Road PD&E Study - CSE Report	2. Proposal No. / Contract No. /
3. Name of Consultant Aerostar SES LLC	4. Date of Proposal June 13, 2022

PART II - LABOR RELATED COSTS

5. Reimbursable Labor (Limiting Amount)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 70.63	7	\$ 494.39	
Registered Professional Engineer	\$ 64.31	3	\$ 192.93	
Senior Scientist	\$ 40.17	8	\$ 321.40	
Senior Field Technician	\$ 35.71	39	\$ 1,392.52	
Staff Scientist	\$ 26.96	10	\$ 269.58	
Clerical	\$ 24.79	3	\$ 74.36	
			\$ 0.00	
			\$ 0.00	
TOTAL DIRECT LABOR	\$ 39.22	70		\$ 2,745.18
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			\$ 5,490.36
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 8,235.54
8. PROFIT: Labor Related Costs (Item 7)			x	10%
				\$ 823.55

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)				
Printing Copies/Report Prep			\$ 50.00	
Public Meeting Expenses			\$	
Changeable Message Boards			\$	
Transportation Truck 1 day x \$100/day			\$ 100.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 150.00
10. SUBCONTRACTS (Reimbursable/Not to Exceed)				
			\$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)				\$ -
11. REIMBURSABLE COSTS (Limiting Amount)				
			\$	
			\$	
			\$	
			\$	
			\$	
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT Reimbursable/Not to Exceed) (Items 5, 6, 8, 9, 10, and 11)		\$ 9,209.09
13. ORIGINAL OR CURRENT CONTRACT AMOUNT		
14. AMENDED CONTRACT AMOUNT		\$ 9,209.09

Exhibit D CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project Duval Road PD&E Study - Contingency Ph II Four Ponds			2. Proposal No. / Contract No. /	
3. Name of Consultant Aerostar SES LLC			4. Date of Proposal June 13, 2022	
PART II - LABOR RELATED COSTS				
5. Reimbursable Labor (Limiting Amount)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 70.63	3	\$ 211.88	
Registered Professional Engineer	\$ 64.31	2	\$ 128.62	
Senior Scientist	\$ 40.17	24	\$ 964.19	
Senior Field Technician	\$ 35.71	0	\$ 0.00	
Staff Scientist	\$ 26.96	0	\$ 0.00	
Clerical	\$ 24.79	1	\$ 24.79	
			\$ 0.00	
			\$ 0.00	
TOTAL DIRECT LABOR	\$ 44.32	30		\$ 1,329.48
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 200 % x Total Direct Labor				\$ 2,658.96
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 3,988.44
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 398.84
PART III - OTHER COSTS				
9. Miscellaneous Reimbursable Costs (Not to Exceed)				
Printing Copies/Report Prep			\$ 50.00	
Public Meeting Expenses			\$	
Changeable Message Boards			\$	
Transportation Truck 1 day x \$100/day			\$ 100.00	
OVA PID 1 x \$50/day			\$ 50.00	
Field Supplies 1 x \$20/day			\$ 20.00	
Disposable Filters 4 x \$15.25 each			\$ 61.00	
Direct Push Rig 1 day x \$2,050/day			\$ 2,050.00	
Soil - EPA Method 8260 VOCs 4 x \$100 per analysis			\$ 400.00	
Soil - EPA Method 8270 SVOCs 4 x \$200 per analysis			\$ 800.00	
Soil - EPA Method 6010 As, Cd, Cr, Pb 4 x \$40 per analysis			\$ 160.00	
Soil - TRPH by FL-PRO Method 4 x \$75 per analysis			\$ 300.00	
GW - EPA Method 8260 VOCs 4 x \$100 per analysis			\$ 400.00	
GW - EPA Method 8270 SVOCs 4 x \$200 per analysis			\$ 800.00	
GW - EPA Method 6010 As, Cd, Cr, Pb 8 x \$40 per analysis			\$ 320.00	
GW - TRPH by FL-PRO Method 4 x \$75 per analysis			\$ 300.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 5,811.00
10. SUBCONTRACTS (Reimbursable/Not to Exceed)				\$
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)				\$ -
11. REIMBURSABLE COSTS (Limiting Amount)				\$
				\$
				\$
				\$
				\$
				\$
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Reimbursable/Not to Exceed) (Items 5, 6, 8, 9, 10, and 11)				\$ 10,198.28
13. ORIGINAL OR CURRENT CONTRACT AMOUNT				
14. AMENDED CONTRACT AMOUNT				\$ 10,198.28

Exhibit D CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project Duval Road PD&E Study - Ph II 3 Contam. Sites		2. Proposal No. / Contract No. 1		
3. Name of Consultant Aerostar SES LLC		4. Date of Proposal June 13, 2022		
PART II - LABOR RELATED COSTS				
5. Reimbursable Labor (Limiting Amount)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 70.63	3	\$ 211.88	
Registered Professional Engineer	\$ 64.31	2	\$ 128.62	
Senior Scientist	\$ 40.17	20	\$ 803.49	
Senior Field Technician	\$ 35.71	0	\$ 0.00	
Staff Scientist	\$ 26.96	0	\$ 0.00	
Clerical	\$ 24.79	1	\$ 24.79	
			\$ 0.00	
			\$ 0.00	
TOTAL DIRECT LABOR	\$ 44.95	26		\$ 1,168.78
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 200 % x Total Direct Labor				\$ 2,337.56
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 3,506.34
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 350.63
PART III - OTHER COSTS				
9. Miscellaneous Reimbursable Costs (Not to Exceed)				
Printing Copies/Report Prep			\$ 50.00	
Public Meeting Expenses			\$	
Changeable Message Boards			\$	
Transportation Truck 1 day x \$100/day			\$ 100.00	
OVA PID 1 x \$50/day			\$ 50.00	
Field Supplies 1 x \$20/day			\$ 20.00	
Disposable Filters 3 x \$15.25 each			\$ 45.75	
Direct Push Rig 1 day x \$2,050/day			\$ 2,050.00	
Soil - EPA Method 8021 VOAs 1 x \$40 per analysis			\$ 40.00	
Soil - EPA Method 8260 VOCs 1 x \$100 per analysis			\$ 100.00	
Soil - EPA Method 8270 PAHs 1 x \$85 per analysis			\$ 85.00	
Soil - EPA Method 8270 SVOCs 1 x \$200 per analysis			\$ 200.00	
Soil - EPA Method 6010 As, Cd, Cr, Pb 1 x \$40 per analysis			\$ 40.00	
Soil - EPA Method 6010 As 1 x \$10 per analysis			\$ 10.00	
Soil - TRPH by FL-PRO Method 2 x \$75 per analysis			\$ 150.00	
GW - EPA Method 8021 VOAs 1 x \$40 per analysis			\$ 40.00	
GW - EPA Method 8260 VOCs 1 x \$100 per analysis			\$ 100.00	
GW - EPA Method 8270 PAHs 1 x \$85 per analysis			\$ 85.00	
GW - EPA Method 8270 SVOCs 1 x \$200 per analysis			\$ 200.00	
GW - EPA Method 6010 As, Cd, Cr, Pb 2 x \$40 per analysis			\$ 80.00	
GW - EPA Method 6010 As 2 x \$10 per analysis			\$ 20.00	
GW - TRPH by FL-PRO Method 2 x \$75 per analysis			\$ 75.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 3,540.75
10. SUBCONTRACTS (Reimbursable/Not to Exceed)				\$
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)				\$ -
11. REIMBURSABLE COSTS (Limiting Amount)				\$
				\$
				\$
				\$
				\$
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Reimbursable/Not to Exceed) (Items 5, 6, 8, 9, 10, and 11)				\$ 7,397.72
13 ORIGINAL OR CURRENT CONTRACT AMOUNT				
14 AMENDED CONTRACT AMOUNT				\$ 7,397.72

RATE ADJUSTMENT CALCULATION FORM

Consultant Name: Aerostar SES, LLC (Subconsultant to Alfred Benesch & Co.)
 Project Name Duval Road Widening
 RFP# P-22-18
 Contract # 10747
 Amendment # 3

Rate Increase Worksheet:

Consumer Price Index for All Urban Consumers: All Items in U.S. City Average (CPIAUCNS) | FRED | St. Louis Fed (stlouisfed.org)

	Month	Year	CPI Value
Current CPI =	April	2022	289.109
Date of contract or last contract amendment =	February	2020	<u>258.678</u>
			30.431

Formula: Current CPI value minus Previous CPI Value divided by Last CPI Value equals % increase for new rates = 12%

	Old Rates	Percent Increase	New Hrly Rate
Aerostar SES, LLC			
Principal	\$ 63.06	12.00%	\$ 70.63
Reg. Prof. Engineer	\$ 57.42	12.00%	\$ 64.31
Senior Scientist	\$ 35.87	12.00%	\$ 40.17
Senior Field Tech	\$ 31.88	12.00%	\$ 35.71
Staff Scientist	\$ 24.07	12.00%	\$ 26.96
Clerical	\$ 22.13	12.00%	\$ 24.79

ASL Revised Labor Rates**Date: 6-13-22*****Labor rates adjusted using a growth factor of 1.12 (12% increase)**

Title	Original Rate	Revised Rate (to include CPI adjustment)
Principal	\$ 63.06	\$ 70.63
Registered Professional Engineer	\$ 57.42	\$ 64.31
Senior Scientist	\$ 35.87	\$ 40.17
Senior Field Technician	\$ 31.88	\$ 35.71
Staff Scientist	\$ 24.07	\$ 26.96
Clerical	\$ 22.13	\$ 24.79



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. TIBBALT, P.E.
SECRETARY

This Office has completed a review of the Rate Audit Report submitted by Aerostar SES LLC for the period ending March 31, 2021. The rates we have accepted are listed below. The accepted rates allow the Consultant to exceed contract fees of \$500,000 per contract. *This Firm is not a Professional Services Firm as defined by Rule Chapter 14-75.*

REVIEW OF AUDIT REPORT

CONSULTANT NAME: Aerostar SES LLC
FY Ended: 3/31/21
Rate Expiration Date: 10/1/22

CPA'S NAME: Howard & Company, CPAs, P.A.
DATE of RECEIPT: 9/29/21
AUDIT DATE: 9/7/21

REPORT STATUS

ACCEPTED: REJECTED:
OF PREMIUM: Excluded
Reimb. Actual Expenses: NO

COST BASED RATES

OVERHEAD: Home 225.81%, Field
DIRECT EXPENSE: Home 20.99%, *Field
FCCM: 0.186%
Published For Schedule: NO

FD 26-2747111

Jeffrey B. Owens
Procurement Office
Florida Department of Transportation
50-114-4539

Appendix G
Fee Back-up Documentation
Peters & Yaffee (Signalization)

FEE SUMMARY

EXHIBIT G

PART I - GENERAL				
1. Project Duval Road (Signal Design)			2. Proposal Number	
3. Name of Consultant Peters and Yaffee, Inc.			4. Date of Proposal 10/10/2022	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	\$ 95.24	11	\$ 1,047.64	
Chief Engineer	\$ 76.21	23	\$ 1,752.83	
Senior Engineer	\$ 71.69	33	\$ 2,365.77	
Project Engineer	\$ 47.83	44	\$ 2,104.52	
Senior Designer	\$ 33.08	44	\$ 1,455.52	
Engineering Intern	\$ 32.28	44	\$ 1,420.32	
Engineering Technician	\$ 30.15	22	\$ 663.30	
TOTAL DIRECT LABOR	\$48.91	221		\$ 10,809.90
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	179.47 %	x Total Direct Labor		\$ 19,400.53
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 30,210.43
8. PROFIT: Labor Related Costs (Item 7				\$ 3,021.04
		x	10%	
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation			\$ 0.00	
Original Reproducibles			\$ 0.00	
			\$	
			\$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Cost Plus)				
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL COST PLUS AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 33,231.47
11. REIMBURSABLE COSTS (Limiting Amount)				
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
SUB-TOTAL REIMBURSABLES				\$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Cost Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$ 33,231.47



Florida Department of Transportation

**RON DESANTIS
GOVERNOR**

605 Suwannee Street
Tallahassee, FL 32399-0450

**JARED W. PERDUE, P.E.
SECRETARY**

June 28, 2022

Dow Peters, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle, Suite 205
Jacksonville, Florida 32246

Dear Mr. Peters:

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

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

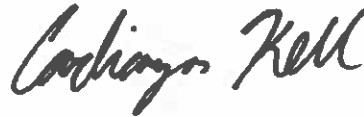
Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
179.47%*	0.147%	Reimbursed	No	0.13%

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

Carliayn Kell
Professional Services
Qualification Administrator

EBO FORM I
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: Alfred Benesch and Company

Project Title: Duval Road Widening

Proposal Number: P-22-18 Total Base Proposal Amount (if applicable): \$1,918,717.73

***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>Smith Surveying Group, LLC</u>	<u>JSEB/Non-MBE</u>	<u>Surveying/SUE</u>	<u>\$248,628.55 (12.96%)</u>
<u>CSI Geo, Inc.</u>	<u>African American</u>	<u>Geotech</u>	<u>\$163,183.50 (8.50%)</u>
<u>Peters & Yaffee</u>	<u>JSEB/Non-MBE</u>	<u>Signalization</u>	<u>\$33,231.47 (1.73%)</u>
<u>Aerostar SES LLC</u>	<u>Native American</u>	<u>Contamination Evaluation</u>	<u>\$26,805.09 (1.40%)</u>
<u>SES Energy Services LLC (ERS)</u>	<u>Native American</u>	<u>Environmental Permitting</u>	<u>\$27,941.62 (1.46%)</u>
<u>SEARCH</u>	<u>Women</u>	<u>Cultural Resources</u>	<u>\$47,419.16 (2.47%)</u>

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	\$163,183.50
Hispanic-American Participation Total	
Native-American Participation Total	\$54,296.71
Asian-American Participation Total	
Woman Participation Total	\$47,419.16
Non-MBE Participation Total	\$281,860.02

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: *Bill Ball* Title: Senior Vice President Date: November 3, 2022

Print Name: Bill Ball, AICP



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

January 4, 2023

TO: Dustin Freeman, Chairperson
Professional Services Evaluation Committee

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

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

RE: P-49-22 CONSTRUCTION ENGINEERING AND INSPECTION SERVICES FOR
THE RIVERSEDGE DEVELOPMENT PROJECT

The subcommittee received one (1) proposal for evaluation for the subject project and found it to be responsive, interested, qualified and available to provide the services required by the RFP. A request was submitted to and approved by the Professional Services Evaluation Committee to allow grading of the one proposal.

Permission by PSEC was given to evaluate the proposal using the criteria outlined in the Purchasing Code as augmented by the RFP (see attached matrix).

Based on the above, the following firm was determined to be qualified to perform the required services.

1. VIA Consulting Services, Inc.

We recommend that the above list be forwarded to the Mayor for final selection.

xc: David D. Hahn, P. E., Engineering and Construction Management
Lori West, Contract Specialist, Engineering and Construction Management

Evaluation Matrix

EVALUATION SCALE
 1-----20

PROJECT NO P-48-22

QUALIFIED

EXTREMELY QUALIFIED

PROJECT TITLE Construction Engineering and Inspection Services for the Rivers Edge Development Project

FIRM	COMPETENCE	CURRENT WORKLOAD	FINANCIAL RESPONSIBILITY	ABILITY TO OBSERVE COMPLIANCE WITH PLANS	PROFESSIONAL ACCOMPLISHMENTS RECORD	PROXIMITY TO PROJECT	Post & Present Commitment to Small & Minority Businesses & Contractors, Toward A Diverse Market Place	ABILITY TO DESIGN AN APPROACH AND WORK PLAN	Willingness to meet time and Budget	VOLUME OF CURRENT AND PRIOR WORK FOR USING AGENCIES	OVERALL
MAXIMUM POINTS	20	10	5	20	5	10	20	20	10	10	138
VIA Consulting Services, Inc	18.50	9.00	3.00	16.50	4.50	10.00	20.00	18.50	7.50	5.00	112.50



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

January 4, 2023

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

FROM: Daryl T. Joseph
Director, Parks, Recreation & Community Services

Nikita Reed, P.E.
Public Works Project Manager

SUBJECT: P-40-21 Professional Services for Ivey Road Park

The Engineering Division has negotiated with the consultant selected for Professional Services for Ivey Road Park, 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 Construction and Engineering Services Consultants, Inc. for Professional Services for Ivey Road Park, 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 \$475,995.74 and not to exceed limits for: Permitting in the amount of \$3,000.00 Geotechnical in the amount of \$19,247.77, SUE in the amount of \$4,800.00, Survey in the amount of \$18,955.86 and Contingency in the amount of \$25,000.00, with a maximum indebtedness to the City in the amount of \$546,999.37 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:	
32111.167101.565031.010419.00.00.00	\$200,000.00
32111.167101.565051.010419.00.00.00	\$346,999.37
TOTAL	\$546,999.37

SDL/lw

Attachment: Exhibits A & B
JSEB Participation

cc: Lori West, Engineering and Construction Management
Dan VanSickle, P.E., Engineering and Construction Management



Revised November 17, 2022

September 15, 2022

Dan VanSickle, P.E.

Project Manager/Associate Engineer
City of Jacksonville – Department of Public Works
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202
vansickle@coj.net
(904) 255-8910

**Re: Proposal for Consulting Services
Civil-Site Engineering
IVEY ROAD PARK
Jacksonville, Florida**

Dear Mr. VanSickle:

Construction & Engineering Services Consultants, Inc. (C&ES) is pleased to submit the following fee proposal to City of Jacksonville (THE CLIENT), per your request to provide Civil/Site Design; as well as, City of Jacksonville (COJ), St. Johns River Water Management District (SJRWMD) and Florida Department of Environmental Protection (FDEP) permitting for the referenced project.

Project Overview

The City of Jacksonville (COJ) awarded C&ES the contract for P-40-21 Professional Engineering Services for Ivey Road Park Project.

Project includes the design and preparation of a set of construction plans in accordance with the City of Jacksonville standards for the City Public Park.

The proposed project includes the following:

- Designing and permitting the park infrastructure which includes earthwork, stormwater ponds, paved walkways, asphalt parking, storm drainage, water, sewer, and road modifications.
- Designing and permitting for the construction of the new park features including (but not limited to): walkways, activity lawns, sports courts, restroom facilities, playground, pavilions, and dog park.
- Designing and permitting electrical, lighting and fencing.

C&ES services will include, site investigation, designs drawings, calculations, permits, specifications, and other documents needed to obtain permits, seek bids and contract for construction of the project.

It is anticipated C&ES's services on the project will consist of two phases: Final Design and Professional Services During Construction (PSDC), with separate negotiated fees for each phase. The original agreement for C&ES's services will be for the Design of the improvements. At the City's option, upon successful completion of the initial phase, the Consultant's services may be terminated or extended to include Professional Services During Construction (PSDC).

C&ES will be responsible for the overall Conceptual Master/Site Plan, Construction Plans, Specifications, Project Coordination with City of Jacksonville (COJ).

All design recommendations shall be, as applicable, consistent with:

- The City's Master Storm Water Management Plan
- The City's Land Development Procedures Manual, latest edition.
- COJ Standard Specifications and City Standard Details, latest editions.
- Manual on Uniform Traffic Control Devices, latest editions.
- Florida's Design Criteria for Resurfacing, Restoration and Rehabilitation (RRR) of Streets and Highways, latest edition.
- Florida Building Code, latest edition.

Scope of Work – Phase 1 – Final Design Services

Task 1 – Project Evaluation:

To initiate the project, a thorough field investigation will be required to evaluate the existing conditions and criteria to be analyzed as the requirements for the project develop. The following will be reviewed:

- As-Built Drawings (City and JEA)
- G.I.S. Information
- Updated Utility Maps
- Right-of-Way Surveys
- Previous Projects and/or Studies
- Hydrologic Improvements and Flood Maps

During this task, we propose to meet with the regulatory agencies involved in permitting (i.e., SJRWMD, JEA, FDEP) to discuss the improvements and define any specific requirements.

Task 2 – Schematic Site plan, Topographic Survey, Geotechnical, Environmental, and Contamination Assessment:

This task will include topographic surveying, subsoils and environmental wetland information, all available data on any potential contamination within the project boundary.

Task 2.1 Site Survey – Degrove Surveyor, Inc.

Prepare a topographic survey for the above referenced parcel. All work will comply with the Standards of Practice for Surveying and Mapping in the State of Florida, and will include the following:

Topographic and Boundary Survey

Prepare a topographic survey for the proposed park as depicted on the attached map (survey limits). Benchmarks will be set on-site. The topographic survey will comply with the Standards of Practice for Surveying and Mapping in the State of Florida.

- Elevations will be collected on a 50-foot grid and will include all above ground and special features such as mounds, depressions, trail roads, debris piles, and significant changes in grade.
- Elevations along roadways will be obtained at a cross-section interval of 50 feet and for significant features between cross-sections.
- All above ground improvements will be located.
- A minimum of two Benchmark will be established.
- Above ground indicators to subsurface utilities will be located.
- Pipe sizes, direction and inverts will be located on sanitary and stormwater structures.
- Trees will be located in accordance with the Duval County Landscape Ordinance
- Horizontal locations will be referenced to the Florida State Plane Coordinate System East Zone.
- Check for gopher holes and any other protected species.
- Locate all trees, shrubs, and other vegetation.
- Boundary survey for the 2 parcels.

Task 2.2 Conceptual/Schematic Site Plans

C&ES will schedule a kick-off meeting for the Design Team prior to the start of conceptual/schematic design to understand the site constraints, existing conditions, program needs and requirements.

C&ES will provide THE CLIENT two versions of conceptual/schematic site plan to choose or it can be mixed of the two versions. This will be in-person meeting with THE CLIENT.

Task 2.3 Geotechnical Services – Meskel & Associates Engineering, PLLC

Meskel & Associates Engineering will do Auger borings. The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions at the site for the proposed construction.

C&ES will field-verify the survey information to ascertain all existing conditions are accurately represented.

Soil sampling and evaluation of certain locations will be performed by those who have experience and expertise in providing the geotechnical and contamination assessment services considered most prudent.

Task 3 - Preliminary Design Stage, 30% Submittals:

This task includes the development of preliminary 30% design information for the selected project improvements. This information will be presented via virtual meeting with THE CLIENT

and discussed with City personnel at the initiation of this task to finalize the course of action for the proposed project.

C&ES proposes to have the following information shown in the design submittals.

- Desired Site Plan to include vehicle parking area, walkways, activity lawns, paved walkways, sports courts, restroom facilities (design by others), lighting, and fencing.
- Schematic landscape and hardscape plans
- Landscape typical details
- Schematic Irrigation Coverage Plan

Deliverables:

- ❖ C&ES will provide preliminary design plans to THE CLIENT for review and comment.
- ❖ One (1) full-size, 22"x34" set of preliminary design plans in Adobe Acrobat(.PDF) format.
- ❖ Prepare an opinion of probable construction cost for site civil 30% plans.

The plan sheets will be developed at as plan view scale of 1" = 20'.

Task 4 - Design Development Stage, 60% and 90% Submittal:

The work during this stage will focus on the development of construction documents. This task provides for the preparation of drawings, specifications and conducting formal reviews of the contract documents at 60% and 90% completion levels.

Task 4.1 Preparation of Contract Documents

The contract documents shall include detailed drawings, tables, charts, schedules, and other documentation as may be necessary for the bidding and construction of site civil and landscape design. This project will utilize City of Jacksonville (COJ), Florida Department of Transportation (FDOT) and JEA's standard details and technical specifications.

C&ES will provide THE CLIENT with electronic (pdf) file of Detail Design Drawings for review and consideration. C&ES will meet virtual with COJ to review the 60% Design and discuss comments. A 90% Design meeting review will be conducted only if necessary. 90% review meeting not expected at this point.

C&ES proposes to have the following information shown in the design submittals.

- Cover Sheet - Overall Site Location Map
- General Notes and Legend
- Demolition and Erosion & Sediment Control Plan
- Site Geometry Plan
- Paving, Grading, Stormwater and Drainage Plan
- Water, Fire Protection and Sanitary Sewer Plan
- Site Civil Details
- Signing and Pavement Marking Plans
- Temporary Traffic Control Plan
- Site Landscape and Hardscape Plan
- Site Landscape General Notes

- Site Irrigation Plan
- Landscape and Hardscape Details
- Vehicle Parking Areas
- Sports Courts
- Restroom Building and Gazebo/Pavilion (design by others, not in contract)
- Engineer Estimate of Probable Construction Cost
- Contract Specifications

Deliverables:

- ❖ C&ES will provide Sixty Percent (60%) and Ninety Percent (90%) design plans to THE CLIENT for review and comment.
- ❖ One (1) full-size, 22"x34" set of preliminary design plans in Adobe Acrobat(.PDF) format.
- ❖ Prepare an opinion of probable construction cost for site civil 60% plans.
- ❖ Prepare an opinion of probable construction cost for site civil 90% plans.

Task 5 – Final Bid Documents:

During this task, all comments from the City and permitting agencies will be incorporated into the design drawings. Specifications and contract requirements will be fully developed, and contract documents will be assembled for advertising by the City.

Task 6 – Design Meetings and Regulatory Permitting:

C&ES will prepare and submit permit applications for approval to the St. Johns River Water Management District (SJRWMD) for stormwater, to the City of Jacksonville Development Services Department Site/Civil plan review (10-Set), JEA and Florida Department of Environmental Protection (FDEP) with required exhibits calculations, and drawings. Project meetings are also included in this task.

Our initial contact with these agencies will occur early in the project as previously indicated, with the purpose of reviewing project objectives and to receive initial agency input concerning specific permitting requirements.

- At the completion of the City's 60% plans review and approval, property acquisition or easements for any property which may be required for construction, operation, and maintenance of the constructed facilities shall be clearly identified.
- At the 90% design stage, plans will be submitted as required for necessary permits to allow this to be completed in an expeditious manner.

ESTIMATED SCHEDULE (from NTP):

- I. Topographic and Boundary Survey: **90 calendar days**
- II. Schematic Site Plan – 30 calendar days
- III. Geotechnical Exploration: **45 calendar days**
 - a. Utility locate request – 10 calendar days
 - b. STP and Auger Boring – 14 calendar days
 - c. Laboratory testing – 7 calendar days
 - d. Geotechnical Report – 14 calendar days

IV. Site Civil, Landscape, and Park Lighting Design: 210 calendar days

- 1) 30% Conceptual Design – 60 calendar days (this will start after the completion of Geotechnical Exploration). See design submittal under Task 3.
- 2) 60% Detail Design – 60 calendar days from acceptance of 30% design. See design submittal under Task 4.
- 3) 90% Detail Design– 60 calendar days from acceptance of 60% design. See design submittal under Task 4.
- 4) 100% Final Document – 30 calendar days from acceptance of 90% design. See design submittal under Task 5.

***TOTAL DESIGN PROPOSAL FEE: \$ 546,999.37 (SEE ATTACHED FOR DETAILED DESIGN PROPOSAL FEE**

** Restroom and Pavilion/Gazebos design are not included in the total design fee.*

This proposal will remain in effect for a period of 60 days from the date of this letter. Acceptance after that period is subject to a review of the conditions stated herein, and possible revision by C&ES in response to changed conditions.

If this proposal meets with your approval, please send us your copy of the contract agreement for our signature. Once the executed agreement is finalized, we will consider it our Notice to Proceed and will perform this work on a timely matter. We look forward to the opportunity of working with you on this project.

If you have any questions, please do not hesitate to contact our office at 904-652-1186.

Sincerely,

CONSTRUCTION & ENGINEERING SERVICES CONSULTANTS, INC.

Claro Nacu Magpantay, P.E.

Digitally signed by Claro Nacu Magpantay, P.E.
Date: 2022.11.18 05:10:33 -05'00'

Claro N. Magpantay, P.E.
Senior Project Engineer
Project Manager

cc: **Steven Davis**
President/CEO

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

PART I - GENERAL

1. Project Ivey Road Park Original Contract	2. Proposal No. / Contract No. P-40-21 / TBD
3. Name of Consultant or Subconsultant: Construction and Engineering Services Consultants, Inc.	4. Date of Proposal 7/30/2022 (revised 11-17-22)

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal in Charge	\$ 82.50	28	\$ 2,310.00	
Project Manager/Engineer of Record	\$ 74.80	306	\$ 22,888.80	
QA/QC Engineer	\$ 69.30	14	\$ 970.20	
MOT Engineer	\$ 62.70	70	\$ 4,389.00	
Senior Staff Engineer	\$ 62.70	459	\$ 28,779.30	
Associate Staff Engineer	\$ 52.80	0	\$ 0.00	
Senior Cad Technician	\$ 42.35	625	\$ 26,468.75	
Cad Technician	\$ 34.10	0	\$ 0.00	
Administrative	\$ 24.20	28	\$ 677.60	
TOTAL DIRECT LABOR	\$ 56.53	1530		\$ 86,483.65
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	173.7 % x Total Direct Labor			\$ 150,222.10
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 236,705.75
8. PROFIT: Labor Related Costs (Item 7)	x 10%			\$ 23,670.58

PART III - OTHER COSTS

9. Miscellaneous Direct Costs (Lump Sum)			
Printing		\$ 1,000.00	
Transportation & Shipping		\$ 500.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL			
			\$ 1,500.00
10. SUBCONSULTANTS (Lump Sum)			
a) JACOBS - Landscape Architect		\$ 185,504.00	
b) Alpha Environtech Consulting, Inc. - Environmental		\$ 4,244.91	
c) Haddad Engineering, Inc. - Electrical		\$ 24,370.50	

SUB-CONTRACT SUB-TOTAL (Lump Sum)

\$ 214,119.41

11. SUBCONTRACTS (Reimbursable/Not to Exceed)			
a) COJ 10 Set-review and Permit Fees		\$ 3,000.00	
b) Meskel & Associates - Geotechnical		\$ 19,247.77	
c) SUE up to 15 test holes @ \$320/each		\$ 4,800.00	
d) Degrove Surveyors, Inc - Topographic Survey		\$ 18,955.86	
e) Contingency - this item requires approval of the City Project Manager prior to any expenditure		\$ 25,000.00	
SUB-TOTAL REIMBURSABLES			
			\$ 71,003.63

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10, and 11)	\$ 546,999.37
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

Monakey & Company, LC

Certified Public Accountants

Steven J. Davis
 Construction & Engineering Services Consultants, Inc.
 9432 Baymeadows Road, Suite 100
 Jacksonville, FL 32256

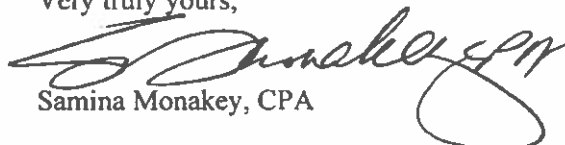
August 22, 2022

Dear Mr. Davis,

I've attached a copy of the Raw Labor Cost worksheet that you requested. These figures are sourced from your completed 2021 corporate tax return.

Item	Amount	% of Raw Labor Total
Benefits (employee health insurance, holidays, etc.)	121,996.64	20.41%
Indirect Salaries (Office Admin/Accountant)	546,438.24	91.40%
Office Equipment & Lease	10,424.69	1.74%
Taxes, Licenses & Insurance	116,865.20	19.55%
Auto Lease Expense	15,233.28	2.55%
Office Expense & Supplies	20,133.75	3.37%
Rent and Utilities	143,625.86	24.02%
Depreciation	63,829.00	10.68%
Total Benefits and OH/G&A Costs	1,038,546.66	173.7%
Total Labor Raw Cost (total payroll)	597,862.00	

Very truly yours,


 Samina Monakey, CPA

12443 San Jose Blvd ◊ Suite 301 ◊ Jacksonville, FL 32223
 (904) 262-2661 ◊ Fax (904) 262-1611
 Members of American Institute of CPA's and Florida Institute of CPA's



City of Jacksonville – Ivey Road Park – Landscape Architecture Services
SCOPE OF PROFESSIONAL SERVICES

PROJECT DESCRIPTION

JACOBS (SUB-CONSULTANT) shall provide and perform the following professional services, which shall constitute the general scope of Basic Services under the covenants, terms, and provisions of City of Jacksonville (COJ) Engineering and Design Services. The COJ original RFP called for engineering design, permitting, and all other professional services necessary for the design, permitting, bidding and construction of the approximate 10-acre Ivey Road Park with improvements consistent with the Conceptual Master Plan.

Designing and permitting the park infrastructure includes earthwork, stormwater ponds, paved walkways, asphalt parking, storm drainage, water, sewer, road modifications, necessary for the construction of the new park features including walkways, activity lawns, sports courts, restroom facilities, lighting, fencing, etc. This scope of professional services included in this proposal is limited to landscape architecture services as outlined herein.

SUB-CONSULTANT shall gather data for the existing COJ provided 2008 park studies, conduct necessary existing conditions review, prepare a new Conceptual Master Plan, prepare landscape architecture construction plans, specifications, supporting design analysis and calculations and provide cost estimates in accordance with the City of Jacksonville policy, procedures and requirements (Effective July 2021).

It is assumed that only the tasks pertaining to landscape architectural services required as part of the design are to be consistent with preliminary park program outlined herein and are included as part of this scope. The basic scope of work is described in Task 1 through 5.

Services listed within Tasks 6 and/or 7 if requested to be provided by Jacobs, and future Design Services During Construction (DSDC) will be considered as additional services to be negotiated at a later time, as applicable.



City of Jacksonville – Ivey Road Park – Landscape Architecture Services

1. Tasks in Phase 1 Services – 15% Design

Based on direction provided by the Prime consultant previously and using the COJ provided 2008 Conceptual Master Plan prepared by ATM/Genesis Group, Jacobs will prepare no more than 2 new Conceptual Master plan alternatives following the program as directed by the Prime (C&ES). These will be based on digital CAD survey, topographic and vegetation inventory base files without independent verification. This phase of work will commence upon receipt of a final CAD files for boundary, topographic, and tree surveys and preliminary geotechnical data (provided by Prime and/or their sub-consultant). The preliminary program shall include as a minimum the following:

- Full-site coverage Paved Trails with shelters and exercise/rest stations
- 1 Restroom Building (4 stall)
- 1 Tennis Court and/or Pickleball Court
- 1 Basketball Court
- 1 Sand Volleyball Courts
- 1 Centralized Parking Area with allocated Overflow Area
- 2 Playgrounds / Separate Age Groups
- 1 Dog Run Park (2 size areas w/o any exercise stations)
- Gazebo(s) at play and sports areas
- Appropriate Site Furnishings per Program

At the start of the project, attend kick-off meeting and Interdisciplinary/Design Team meeting to understand site constraints, existing conditions, program needs and requirements, safety issues, etc. This will be a virtual meeting scheduled by the Prime.

At the completion of this Task Jacobs will schedule and attend an in-person presentation of the Concepts with the COJ and Prime client representatives to review the options depicted in each and discuss the agreed upon final Conceptual Master Plan for written confirmation before proceeding with the next phase of design work. One (1) of Jacobs landscape architectural leaders will be allocated to attend this 2-hour meeting.

2. Tasks in Phase 2 Services – 30% Design

Upon selection and approval of the Concept Master plan alternative by the City in Task 1, prepare a landscape and site base sheet depicting the program components identified in Task 1 including proposed buildings, structures and parking area footprints in areas outlined by the Client in which the new facilities are to be located. Jacobs will prepare a 30% Landscape Design Plan for the project site to include:

- A. Compile landscape, hardscape and irrigation base sheets using new digital survey information including building footprints, pavements, utilities, and existing vegetation.
- B. Prepare 30% Landscape Design Plans including the following components and based on the selected and approved Conceptual Master Plan completed in Task 1:

1	Master site plan, in multiple sheets as necessary to meet Client document scale and sheet size requirements, including appropriate labeling for horizontal control by others.
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City of Jacksonville – Ivey Road Park – Landscape Architecture Services

1	Schematic hardscape layout plan, following the same sheet format as the master site plan, confirming the horizontal alignment and sizes for all site improvements. Buildings, structures, and civil/roadway improvements being designed by others will be illustrated for context.
1	Hardscape typical details and sections sheets as necessary to illustrate design intent and provide manufacturers installation criteria.
1	Schematic Landscape plan, in multiple sheets as necessary to meet Client document scale and sheet size requirements.
1	Landscape typical details and sections sheets as necessary to illustrate design intent and provide preliminary plant materials schedule with installation notes and specifications.
1	Schematic Irrigation Coverage plan to identify landscaping and recreational areas to be provided with permanent irrigation.

- C. Prepare supplementary relevant product cut sheets as necessary to depict the basic landscape and hardscape design intent or systems being proposed.
- D. Prepare an opinion of probable construction cost based on the Schematic 30% Landscape/Hardscape Design Plans.
- E. Participate in one (1) virtual meeting on-line with the Client/Design Team to review the design and solicit feedback (assumed 2 hours per meetings).

3. Tasks in Phase 3 Services – 60% Design

Upon approval by the Client and Prime of the 30% Design Plan and Opinion of Probable Landscape/Hardscape Construction Cost, Jacobs will proceed with the preparation of 60% Developed Drawings for elements of the project to define more precisely the layout and character of the project, as well as the hardscape materials to be used.

This work includes:

- A. Prepare plans for pedestrian pavements, entries, site furnishings, and other site elements that are a part of the proposed landscape development and not a part of building and/or site structures by others. This will follow the components defined in the 30% Design List shown in Task 2 above.
- B. Prepare planting layouts showing plant locations and type.
- C. Prepare developed site, hardscape and landscape details necessary for pricing definition.
- D. Prepare preliminary landscape irrigation plan and details to confirm coverage and details necessary for pricing definition.



City of Jacksonville – Ivey Road Park – Landscape Architecture Services

- E. Prepare 'outline' technical specifications for hardscape and landscape components included in the 60% Developed Design plans, in format provided by the Prime.
- F. Update the Opinion of Probable Construction Costs for the hardscape/landscape elements of the project.
- G. Participate in one (1) virtual meeting on-line with the Client/Design Team to review the design and solicit feedback. (assumed 2 hours per meeting)

4. Tasks in Phase 4 Services – 90%

Upon approval by the Client and Prime of the 60% Plans and outline technical specifications, Jacobs will prepare the pre-final working drawings and specifications ready for final QA/QC review and interdisciplinary coordination before bidding and/or permitting.

This work includes:

- A. Refine layout and materials plans locating and identifying pedestrian pavements, landscape structures, hardscape and sports fixtures, site furnishings, and other site elements that are a part of the proposed landscape development listed herein.
- B. Prepare final planting plans showing tree, shrub, vine, and groundcover locations. A plant list, including plant names and sizes, shall be provided. We will propose low-water native and adaptive plants for the design.
- C. Prepare final landscape irrigation plans showing identification, location and sizing of irrigation systems and their component parts. We will propose a low-water usage design using drip irrigation in appropriate landscape areas.
- D. Refine details for the above-described hardscape/irrigation/landscape materials with information required for construction of these project components.
- E. Coordinate structural details with Prime's sub-consultant for footings and or slab designs related to the elements listed in the 30% services above to depict correct improvements alignments and envelopes in the landscape architecture plans.
- F. Prepare technical specifications sections for the above-described hardscape/landscape materials in standard CSI format, digital text for 8 ½" x 11" printing. We assume COJ will provide the legal sections required for bidding and will handle all procurement services for the bidding of the project.
- G. Participate in one (1) final virtual meeting on-line with the Client/Design Team to review the final design and solicit feedback for final plans to be issued for bidding and construction. (assumed 2 hours per meeting)
- H. Update the Opinion of Probable Construction Costs for the hardscape/landscape elements of the project.



City of Jacksonville – Ivey Road Park – Landscape Architecture Services

5. Task in Phase 5 – Final Plans (100%) to be issued for Bidding & Construction

Jacobs will address the Client/Prime comments issued at the conclusion of the review of the Task 4 documents (90%) and make the necessary adjustments to issue the Final Plans for Bidding and subsequent Construction.

This final phase work includes:

- A. Incorporate 90% review comments from Client and Prime into the Jacobs Final plans set.
- B. Attend one interdisciplinary virtual meeting to coordinate final RFC (Release for Construction) package components to be issued by Prime.
- C. Submit sealed technical plans and specifications for inclusion in overall plan sets for bidding. We will provide electronic files only – no printed plans or documents.

6. Clarifications to Scope of Services

Client/Prime shall provide the following information or services as required for performance of the work. Jacobs assumes no responsibility for the accuracy of such information or services and shall not be liable for errors or omissions therein. Should Jacobs be required to provide services in obtaining or coordinating compilation of this information, such services shall be charged as Additional Services.

- A. Surveying in any scope or form.
- B. Soils testing and/or engineering.
- C. Existing site engineering and utility base information.
- D. Community meetings and/or presentations unless provided in the base scope of work herein.
- E. Optional park program items requested by the City not included in this proposal, for example; skate park, enlarged waterplay/splashpad program (over 500 sf), canine training and exercise stations, or additional courts and sports fields.

7. Exclusion / Work Not Included in Scope

- A. Preparation and presentation of graphic exhibits other than those described in the Scope of Services in order to aid the Client in securing approvals for the master concept plan, hardscape and/or landscape work.
- B. Any required local, state, or federal permitting.
- C. Meetings in-person in Jacksonville other than those noted herein.
- D. Value engineering reviews after the 60% plans completion threshold approval.
- E. No pre-construction or services during construction are included in this proposal.



City of Jacksonville – Ivey Road Park – Landscape Architecture Services

FEE SUMMARY

Basic Services

Jacobs will provide the above basic services for One Hundred Eighty-five Thousand and Five Hundred Four Dollars (\$185,504.00). All expenses beyond labor are included in this lump sum total. The breakdown of the total fee by phase is as follows:

Phase 1	\$18,550
Phase 2	\$62,184
Phase 3	\$35,420
Phase 4	\$47,100
Phase 5	\$22,250
Total Proposed Basic Fee	\$185,504.00

ADDITIONAL SERVICES

For ADDITIONAL SERVICES not included in the SCOPE OF SERVICES and all work requested as additional services by the Prime or the Client, we propose the BASIS OF COMPENSATION will be on an hourly basis at the hourly rates approved by the City of Jacksonville on June 28, 2022. Rates are subject to cost-of-living and market adjustments for services requested and/or performed after December 2023.

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

PART I - GENERAL

1. Project Ivey Road Park Original Contract	2. Proposal No. / Contract No. P-40-21 / TBD
3. Name of Consultant or Subconsultant: JACOBS (Landscape Architecture)	4. Date of Proposal July 30, 2022

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Landscape Architect	\$ 90.00	60	\$ 5,400.00	
Sr. Landscape Architect (SME)	\$ 80.00	178	\$ 14,240.00	
Landscape Architect/Designer	\$ 60.00	371	\$ 22,260.00	
Landscape Irrigation Specialist	\$ 50.00	80	\$ 4,000.00	
Landscape CAD Technician	\$ 45.00	470	\$ 21,150.00	
Administrative/Clerical	\$ 29.00	14	\$ 406.00	
TOTAL DIRECT LABOR	\$ 57.51	1173		\$ 67,456.00
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Direct Labor	\$ 101,184.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 168,640.00
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$ 16,864.00

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)	\$ 185,504
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

HADDAD ENGINEERING, INC.

November 8, 2022

Mr. Claro N. Magpantay, P.E.
Project Manager
Construction & Engineering Services
9432 Baymeadows Road, Suite 100
Jacksonville, FL 32256

RE: Ivey Road Park

Dear Claro,

We are pleased to offer this proposal for Electrical Engineering services on the above referenced project.

Description:

1. Power to toilet buildings.
2. Parking lighting at (2) parking lots.
3. (1) Basketball court lighting.
4. (1) Volleyball court lighting.
5. One electrical service.

Engineering Services:

- Field investigation to locate power source.
- Coordinate with JEA for new electrical services.
- Load calculations.
- Electrical drawings: Site plans, electrical services, power distribution, panel schedules, riser diagrams, sport lighting, fixtures schedule, pathway lighting, parking lighting, and pole details.
- Electrical specifications.
- Prepare an opinion of probable construction cost for 30%, 60% and 90% submittal

Construction Administration:

N/A

Engineering Fees:

Construction documents (Design).....\$24,370.00

Please call me if you have any questions.

Sincerely,



Namir Haddad, P.E.
President

Exhibit B

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

PART I - GENERAL

1. Project Ivey Road Park Original Contract	2. Proposal No. / Contract No. P-40-21 / TBD
3. Name of Consultant or Subconsultant: Haddad Engineering, Inc.	4. Date of Proposal 11/8/2022

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
DESIGN				
Principal Engineer	\$ 72.00	3	\$ 216.00	
Project Manager	\$ 72.00	16	\$ 1,152.00	
Design Engineer	\$ 48.10	70	\$ 3,367.00	
Designer or Technician	\$ 38.00	62	\$ 2,356.00	
Drafter	\$ 27.00	64	\$ 1,728.00	
Field Inspector	\$ 38.00		\$ 0.00	
Clerical	\$ 21.50	2	\$ 43.00	
TOTAL DIRECT LABOR	\$ 40.84	217		\$ 8,862.00
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150 % x Total Direct Labor			\$ 13,293.00
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 22,155.00
8. PROFIT: Labor Related Costs (Item 7)		x	10%	\$ 2,215.50

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)	\$ 24,370.50
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

July 28, 2022

Via Email: cmagpantay@candesconsults.com

Claro N. Magpantay, P.E.
Construction & Engineering Services Consultants, Inc.
9432 Baymeadows Road, Suite 100
Jacksonville, FL 32256

Reference: Proposal for Stormwater Pollution Prevention Plan
City of Jacksonville Ivey Road Park Improvement
Jacksonville, FL

Dear Mr. Magpantay:

Alpha Envirotech Consulting, Inc. (AEC) is pleased to provide this proposal to prepare a Stormwater Pollution Prevention (SWPP) Plan for the above referenced project.

PROJECT INFORMATION

Based on information you provided, Construction & Engineering Services Consultants, Inc. (C&ES) has been selected by the City of Jacksonville to provide engineering design, permitting, and all other professional services necessary for the design, permitting, bidding, and construction of the Ivey Road Park improvements. It is our understanding that a SWPP Plan will be needed prior to bidding and construction of the Ivey Road Park Improvement project.

PROPOSED SCOPE OF SERVICES

AEC proposes the following scope of work:

TASK 1 – Stormwater Pollution Prevention Plan Preparation

AEC will prepare the SWPP Plan which will include: Site Information, Contact Information/Responsible Parties, Sequence of Construction Activity, Receiving Waters, Site Features and Sensitive Areas to be Protected, Drawings, Erosion Control Plan, and Best Management Practices.

PROJECT FEE AND SCHEDULE

AEC is prepared to begin work immediately upon the receipt of C&ES Purchase Order. Based on the noted scope of work, we propose to complete our services for a lump sum amount of **\$4,244.91**.

AEC will progress invoice for outlined services monthly. Payment terms on invoices are Net 30 days.

LIMITATIONS

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

***Stormwater Pollution Prevention Plan
City of Jacksonville Ivey Road Park Improvement, Jacksonville, FL***

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 either of 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: Professional Engineering Services for Ivey Road Park	2. Proposal No. / Contract No. P-40-21
3. Name of Consultant Alpha Envirotech Consulting, Inc.	4. Date of Proposal 7/7/2022

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal (Partner or Senior Officer)	\$ 86.40	1	\$ 86.40	86.40
Project Manager (Responsible Professional)	\$ 68.00	2	\$ 136.00	136.00
Certified Industrial Hygienist	\$ 70.00	0	\$ 0.00	0.00
Senior Engineer / Geologist / Scientist	\$ 59.40	18	\$ 1,069.20	1,069.20
GIS Specialist	\$ 59.40	0	\$ 0.00	0.00
Engineer/Geologist/Scientist/Field Inspector	\$ 50.75	3	\$ 152.25	152.25
Project Administrator	\$ 48.60	0	\$ 0.00	0.00
Drafter or CADD Operator	\$ 27.00	2	\$ 54.00	54.00
Administrative Specialist	\$ 21.60	2	\$ 43.20	43.20
TOTAL DIRECT LABOR	\$55.04	28		\$ 1,541.05
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			150 % x Total Direct Labor	\$ 2,311.58
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 3,852.63
8. PROFIT: Labor Related Costs (Item 7)				\$ 385.26
			x	10%

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping	12 mls round trip at 0.585/ml		\$ 7.02	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 7.02
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 4,244.91
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)	\$ 4,244.91
13. CURRENT CONTRACT AMOUNT	
14. AMENDED CONTRACT AMOUNT	\$ 4,244.91



October 28, 2022

Mr. Claro N. Magpantay, P.E.
 C&ES Consultants, Inc.
 9432 Baymeadows Road, Suite 100
 Jacksonville, Florida 32256

Subject: Proposal for Geotechnical Exploration and Engineering Services
 COJ Ivey Road Park (P-40-21)
 Jacksonville, Florida
 MAE Proposal No. 005822.3

Dear Mr. Magpantay,

MESKEL & ASSOCIATES ENGINEERING, PLLC (MAE) is pleased to present this proposal to provide the geotechnical exploration and engineering services for the subject project. Your proposal request email of June 28, 2022 included a *Master Site and Geometry Plan* prepared by Applied Technology & Management, Inc. (ATM) dated May 14, 2008 and a *Master Plan* prepared by ATM and Genesis Group dated February 2, 2007. This proposal has been updated since submittal of the previous proposal dated September 15, 2022 to show the change in scope as requested in your email of October 27, 2022. We understand that the Boardwalk, Plaza Water Feature and Skate Park, as shown on the *Master Site and Geometry Plan*, will not be constructed. This proposal supersedes the previous proposal in its entirety

The objective of the geotechnical exploration is to provide site and subsurface information to evaluate the subsurface conditions at the site for the proposed construction. Based on the provided information, we propose the following field services within the listed site features as shown on the *Master Site and Geometry Plan*:

Test Location	Test No. & Type	Test Depth ft below ground surface
Concrete Sidewalk	8 SPT*	10**
Tennis Court (1)	1 SPT*	10
Basketball/Volleyball Courts (1 each)	2 SPT*	10
Restroom Building (1)	1 SPT*	10
Parking Areas (2)	5 Auger	6
Playground	3 SPT*	10
Lawn Area including Gazebo	5 SPT*	10

*Standard Penetration Test (SPT) Boring

**Borings spaced approximately 200 feet apart

In addition to the proposed borings, 2 Double-Ring Infiltrometer (DRI) tests will be located within the Dry Retention Pond area as shown on the *Master Site and Geometry Plan*. The bottom depth of each test will be 1 to 2 feet below the existing ground surface.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the property Owner. Once the SPT and Auger borings are completed, they will be backfilled with soil cuttings.

The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory where the logs will be reviewed, and the samples classified by a geotechnical engineer. Laboratory classification and index property tests will be performed as necessary on selected soil samples to confirm the soil classification and provide engineering characteristics to estimate compressibility.

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

- Our understanding of the planned construction,
- The observed site conditions, such as topography, surface vegetation, etc. as they relate to the anticipated construction,
- The field and laboratory test procedures used, and the results obtained,
- The encountered subsurface conditions, including subsurface profiles, measured groundwater levels, and estimated geotechnical engineering properties, as necessary,
- The soil infiltration rate as measured from the DRI tests,
- A geotechnical engineering evaluation of the site and subsurface conditions with respect to the anticipated construction,
- An estimate of the historical Seasonal High Groundwater Level at the site,
- Recommendations for shallow foundation design parameters for the proposed Restroom building, including our estimate of the performance of the foundation system,
- Recommendations for reuse of the soils excavated from the proposed dry retention pond area as fill soil,
- Recommendations for pavement design and construction, and
- Recommendations for testing required during site preparation and earthwork construction.

Based on the scope of the services outlined above, we propose to complete our work for a fee of **\$19,247.77**. A Fee Summary sheet is attached showing the itemization of this fee. This fee includes submittal of an electronic copy of the report. Bound, paper copies can be provided at an additional cost of \$100 per copy. We will contact you immediately if we encounter subsurface conditions that could require the borings to be advanced to deeper depths, and/or if additional engineering analysis/evaluation outside the scope of this proposal is necessary.

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

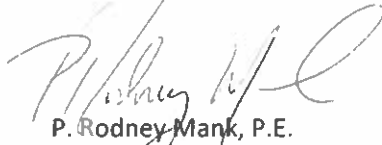
Once authorization is received, a utility locate request will be submitted. We will mobilize our field crew to the site within one to 2 weeks once the utilities have been marked and located. We anticipate that the field work will take 3 days to complete, weather permitting. Laboratory testing

will take approximately one week to complete depending on the amount of lab testing assigned. We expect to submit our geotechnical report 2 weeks after completion of the field and laboratory testing.

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

Sincerely,

MESKEL & ASSOCIATES ENGINEERING, PLLC



P. Rodney Mank, P.E.
Principal Engineer

Distribution: Mr. Claro Magpantay, P.E., C&ES Consultants, Inc. One e-mail copy

Exhibit B CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION CITY OF JACKSONVILLE, FLORIDA				
PART I - GENERAL				
1. Project Ivey Road Park Original Contract			2. Proposal No. / Contract No. P-40-21 / TBD	
3. Name of Consultant or Subconsultant: MESKEL & ASSOCIATES ENGINEERING, PLLC			4. Date of Proposal October 27, 2022	
PART II - LABOR RELATED COSTS				
5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	\$ 67.60	2	\$ 135.20	
Senior Project Engineer	\$ 60.58	6	\$ 363.48	
Project Engineer	\$ 38.75	20	\$ 775.00	
Engineering Intern	\$ 28.13	32	\$ 900.16	
Driller	\$ 24.83	0	\$ 0.00	
Assistant Driller	\$ 19.00	0	\$ 0.00	
Drafter	\$ 28.00	10	\$ 280.00	
Senior Field Technician	\$ 28.00	10	\$ 280.00	
Clerical	\$ 25.75	5	\$ 128.75	
TOTAL DIRECT LABOR	\$ 33.68	85	\$ 2,862.59	
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 200 % x Total Direct Labor				\$ 5,725.18
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 8,587.77
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 858.78
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs (Lump Sum)				
Field Exploration				
Mob of Crew & Eq. -Truck Rig	0	\$600.00	\$ 0.00	
Mob of Crew & Eq. -Track/ATV Rig	1	\$750.00	\$ 750.00	
Drill Rig Support Vehicle, per day	3	\$260.00	\$ 780.00	
Movement Crew, per hr	12	\$240.00	\$ 2,880.00	
SPT Boring : 0 to 30 feet, per LF	200	\$14.00	\$ 2,800.00	
SPT Boring: 30 to 50 feet, per LF	0	\$16.00	\$ 0.00	
SPT Boring-Xtra Samples: 0-50 feet, ea.	0	\$48.00	\$ 0.00	
Undisturbed Samples: 0 to 50 feet, ea.	0	\$155.00	\$ 0.00	
Auger Borings, per LF	30	\$8.50	\$ 255.00	
Field Permeability Test, each	0	\$375.00	\$ 0.00	
Double-Ring Infiltrometer Test, each	2	\$450.00	\$ 900.00	
Grouting Borings, 0-50 feet, per LF	0	\$7.50	\$ 0.00	
Temporary Casing, 4-inch, per foot	0	\$12.00	\$ 0.00	
Laboratory Testing				
Natural Moisture Content, ea.	15	\$21.00	\$ 315.00	
Percent Passing No. 200 Sieve, ea	10	\$50.00	\$ 500.00	
Soil Gradation, ea	5	\$75.00	\$ 375.00	
Organic Content, ea	4	\$50.00	\$ 200.00	
Atterberg Limits, ea	0	\$120.00	\$ 0.00	
Corrosion Series, ea	0	\$240.00	\$ 0.00	
Miscellaneous Engineering Fees				
Mileage to Project Site, per mile	79	\$0.585	\$ 46.22	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ 9,801.22
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)				\$ 19,247.77
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 28, 2022

Antoinette Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
3728 Philips Highway, Suite 208
Jacksonville, Florida 32207

Dear Ms. Meskel:

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
 - 10.3 - 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	Published Fee Schedule
261.08%	155.39%	0.396%	Reimbursed	No	5.97%	0.00%*	Yes

*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

DEGROVE

SURVEYORS, INC.

September 6, 2022

Mr. Claro N. Magpantay, P.E.
Construction & Engineering Services Consultants, Inc.
9432 Baymeadows Road, Suite 100
Jacksonville, FL 32256

Subject: COJ Ivey Road Park

Dear Mr. Magpantay:

The following is a proposal for Surveying Services at the above referenced site.

Scope of Services:

Prepare a topographic survey for the above referenced parcel. All work will comply with the Standards of Practice for Surveying and Mapping in the State of Florida, and will include the following:

Task 1 - Topographic Survey

Prepare a topographic survey for the proposed park as depicted on the attached sketch. Benchmarks will be set on-site. The topographic survey will comply with the Standards of Practice for Surveying and Mapping in the State of Florida.

- Elevations will be collected on a 50-foot grid and will include all above ground and special features such as mounds, depressions, trail roads, debris piles, and significant changes in grade.
- Elevations along roadways will be obtained at a cross-section interval of 50 feet and for significant features between cross-sections.
- All above ground improvements will be located.
- A minimum of two Benchmark will be established.
- Above ground indicators to subsurface utilities will be located.
- Pipe sizes, direction and inverts will be located on sanitary and stormwater structures.
- Trees will be located in accordance with the Duval County Landscape Ordinance
- Wetland flags will be located if place by others prior to the survey being completed.
- Horizontal locations will be referenced to the Florida State Plane Coordinate System East Zone.

Task 2 - Boundary Survey

Degrove shall perform a boundary survey of the subject parcel located, to include location of improvements, setting of property corners and plotting flood zones and title exceptions, if any, as shown on client provided title commitment provided prior to completion of the survey.

CAD and Deliverables

All Surveys will be mapped in Autocad C3D. A CAD file, .pdf file and signed/sealed paper copies will be provided.

The fee for completing the survey is \$18,955.86.

2131 CORPORATE SQUARE BLVD.
JACKSONVILLE, FLORIDA 32216
(904) 722 0400 • FAX (904) 722 0402

605 N.W. 53rd AVENUE • Suite A11a
GAINESVILLE, FLORIDA 32609
(352) 338-9667 • FAX (352) 338-9677

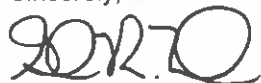
Schedule

The survey will be completed within 90 days of notice to proceed.

If this is acceptable, please have the party responsible for payment sign and return one copy.

If you have any questions, please call me.

Sincerely,

A handwritten signature in black ink, appearing to read "GORDON R. NILES". The signature is stylized and cursive.

Gordon R. Niles, PSM
President

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

PART I - GENERAL

1. Project Ivey Road Park Original Contract	2. Proposal No. / Contract No. P-40-21 / TBD
3. Name of Consultant or Subconsultant: Degrove Surveyors, Inc.	4. Date of Proposal September 6, 2022

PART II - LABOR RELATED COSTS

5. Direct Labor (Reimbursable)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager - Surveyor (PSM)	\$ 57.69	16	\$ 923.04	
CAD	\$ 24.00	61	\$ 1,464.00	
Party Chief	\$ 28.00	72	\$ 2,016.00	
Instrument Operator	\$ 19.00	72	\$ 1,368.00	
Survey Helper	\$ 15.00	72	\$ 1,080.00	
Clerical	\$ 21.00	2	\$ 42.00	
			\$ 0.00	
TOTAL DIRECT LABOR	\$ 23.37	295		\$ 6,893.04
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate		150 % x Total Direct Labor		\$ 10,339.56
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 17,232.60
8. PROFIT: Labor Related Costs (Item 7)		x	10%	\$ 1,723.26

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)	\$ 18,955.86
12. TOTAL PRIOR CONTRACT AMOUNT	N.A.
TOTAL AMENDED CONTRACT AMOUNT	N.A.

JSEB FORM 1
CITY OF JACKSONVILLE SMALL & EMERGING BUSINESS PROGRAM
SCHEDULE OF JSEB SUPPLIER/ CONSULTANT/ SUBCONTRACTOR

NAME OF BIDDER CONSTRUCTION AND ENGINEERING SERVICES CONSULTANT, INC. (JSEB)
\$ 294,676.33 (53.77%)

PROJECT TITLE RFP# P-40-21 Professional Engineering Services for Ivey Road Park

BID NUMBER P-40-21 TOTAL BASE BID AMOUNT \$ 546,999.37

NAME OF SUB FIRM	Federal I.D. NO.	JSEB (Y/N)	TYPE OF WORK TO BE PERFORMED	*TOTAL CONTRACT VALUE
Alpha Envirotech Consulting Inc.	27-3167742	Y	Environmental	\$ 4,244.91 (0.78%)
Degrove Surveyors, Inc.	59-2742509	N	Survey	\$ 18,955.86 (3.47%)
JACOBS	95-4081636	N	Landscape Architect	\$ 185,504.00 (34%)
HADDAD Engineering, Inc.	59-24334843	N	Electrical Engineering	\$ 24,370.50 (4.46%)
Meskel & Associates	26-2014749	Y	Geotechnical Engineering	\$ 19,247.77 (3.52%)

The undersigned acknowledges and agrees that, if any of the above-listed JSEBs are not, for any reason, properly certified with the City, in accordance with Ordinance 2004-602, at the time of bid opening, the same will not be counted toward meeting the participation percentage goal as defined herein.

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule, as well as any applicable alternates, 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: Steven J. Davis Title: President/CEO Date: 1-5-2023
 Signature of Prime Contractor

Print Name: STEVEN J. DAVIS

* For solicitations that are not project specific, such as: misc. services, design build, etc.; "TBD" will initially be accepted with the bid submittal on Form 1 and the Letters of Intent. For solicitations that are project specific you will be required to provide a dollar amount or percentage on Form 1 and on all Letters of Intent. "TBD" will not be accepted.

Attach additional list of subcontractors/sub-consultants as needed



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

December 22, 2022

TO: Dustin Freeman, Chairman
Professional Services Evaluation Committee

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

FROM: Robin G. Smith, P.E. *R Smith*
Chief, Engineering & Construction Management

Melissa M. Long, P.E. *Melissa M. Long*
Chief, Environmental Quality Division

Nikita Reed, P.E. *R Smith FOR NIKITA*
Public Works Project Manager

SUBJECT: P-03-22 NPDES Engineering and Permit Administration Services

The Engineering Division has negotiated with the consultant selected for NPDES Engineering and Permit Administration Services resulting in the attached Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B, attached. This project was bid as encouragement.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with England, Thims & Miller, Inc. for NPDES Engineering and Permit Administration Services, that includes the attached Scope of Services identified as Exhibit "A" and Fee Schedule identified as Exhibit "B", to provide a lump sum amount for NPDES Engineering and Permit Administration Services in the amount of \$842,140.28 and not to exceed limits for: PWD Special Project Requests in the amount of \$25,000. EQD Special Project Requests in the amount of \$25,000.00 and M&LM Division Special Project Requests in the amount of \$35,000.00 with the maximum indebtedness to the City in the amount of \$922,140.28. The initial Period of Service will be for one (1) year with the option to extend such contract for two (2) additional one (1) year periods upon satisfactory performance by the Consultant.

Funding for this project should be encumbered as follows:

ACCOUNTS:	TOTAL
44101-156002-531090-000000-00000000-00000-00000000	\$812,001.28
00111-154005-531090-000000-00000000-00000-00000000	\$35,000.00
11401.153002.531090.010263.000000000.00000.00000000	\$75,139.00
TOTAL	\$922,140.28

RGS/lw

Attachments: Exhibit A & B

cc: Lori A. West, Engineering and Construction Management

Scope of Services
City of Jacksonville Contract
NPDES Engineering and Permit Administrative Services for FY22/23
October 2022

Introduction

The Public Works Department of the City of Jacksonville (City) is responsible for the operation and maintenance of the Municipal Storm Sewer System (MS4). The following City departments and divisions actively support the Stormwater Management Program (SWMP).

- Public Works Department (PWD)
 - Engineering and Construction Management Division
 - Right of Way and Stormwater Maintenance (RWSM) Division
 - Mowing and Landscape Maintenance (MLM) Division
 - Solid Waste Division
- Neighborhoods Department
 - Environmental Quality Division (EQD) Water Branch
- Planning & Development Department
 - Development Services Division

This Contract is consistent with the Term of Agreement in the RFP (two years from Contract issuance) and defines/funds the services of England, Thims, & Miller, Inc. (ETM) for the first Fiscal Year (FY22/23, October 1, 2022 through September 30, 2023) which depending upon permit issuance (pending), will coincide with Year 1 of the City's NPDES Cycle 5 Permit.

The objective of this Scope of Services is to support the City with the update and ongoing implementation of its Stormwater Management Program as required by the pending NPDES Permit and includes the following:

- Update and Maintenance of the City and FDOT District 2 MS4 Database.
- Update and support of the web asset management application system.
- Update of the SWMP and related Standard Operating Procedures (SOPs) and plans.
- Conduct MAXIMO (TIVOLI) work order data analysis to assess and enable the reporting of stormwater infrastructure maintenance and inspection activities and effectiveness in accordance with NPDES Permit and Tributaries I & II BMAP requirements.
- Preparation support of the City's NPDES Cycle 4 Year 6 (C4Y6) Annual Report, due in March 2023.
- Preparation support of the Ribault River and Strawberry Creek Bacteria Pollution Control Plan (BPCP) Status Reports for the period October 2021 through September 2022 (C4Y6), due in March 2023.
- Preparation support for the new WBID BPCP if required to be submitted 12 months after the effective date of the pending NPDES Cycle 5 Permit.
- Preparation support for TMDL Prioritization Plan if required to be submitted 6 months after the effective date of the pending NPDES Cycle 5 Permit.
- Preparation support of the City's Tributaries I & II BMAP Annual Report for the period October 2021 through September 2022, due on January 15, 2023.
- Assist EQD and PWD with the implementation of the SWMP Assessment Program and preparation of the NPDES C4Y6 SWMP Assessment Status Report due in March 2023.
- Provide NPDES related special project services as requested and authorized.

Scope of Services

The following is a per task description of ETM's scope of services for FY22/23, corresponding to the probable Year 1 of the pending NPDES Cycle 5 Permit (CSY1)

Task 1 - MS4 Inventory Update and Maintenance (Permit Part II)

The NPDES Permit requires that the City maintain a current map-based inventory of MS4 infrastructure to support MS4 operations, maintenance and inspection activities, and the reporting of these activities in its Annual Report.

Task 1.A - MS4 Inventory Update

ETM shall, in accordance with NPDES Permit requirements, maintain a current inventory of the MS4 infrastructure owned and maintained by the City and FDOT District 2.

Update of MS4

- ETM will update MS4 information in the GIS on a daily basis. Data edits that have been validated via the QA process will be added to the web accessible MS4 map (Cartegraph) on a weekly basis; on Friday (or the subsequent Monday depending on Holiday scheduling).
- When City inspectors or other City staff, request that assets be added to the inventory based on inspection findings or observations, data regarding the asset to be added, and any related connected asset, should be submitted with the request. Similarly, if a request is made to remove an asset from the inventory, a description of the extent of the features to be removed should accompany the request.
- A copy of the updated MS4 GIS inventory database will be forwarded to the City's Information Technologies Division (ITD) on a quarterly basis through the end of the fiscal year.
- The updated MS4 GIS inventory database will be used to update the interactive maps in Cartegraph and the ETM Mapping tool weekly through the end FY22/23.
- All updated MS4 inventory work will be posted to the NPDES GIS database, and the hosted asset management system (Cartegraph) will be maintained by ETM.
- The MS4 inventory maintained in ETM's software platform will serve as the MS4 infrastructure dataset which will be accessed and used by the City to support MS4 structural control inspections, proactive and reactive Illicit Discharge Detection & Elimination (IDDE) investigations, and other stormwater management plans and activities as required by the NPDES Permit.
- Positional accuracy of information will be relative to the City's parcel layer which is maintained by the Duval County Property Appraisers Office and will serve as the NPDES GIS parcel interactive map.
- The MS4 inventory shall be updated based upon as-builts, minor drainage addition and repair projects, and requests from City inspectors and other City staff.
- ETM will coordinate with the City PWD staff, City Planning and Development Department staff, FDOT, SJRWMD, JTA, and the City NPDES Coordinator regarding as-builts or other plans.

Confirmation of both the ownership and maintenance entity of the assets will be provided by the City.

- All City provided as-built drawings will be forwarded to ETM as CAD drawing files or PDF files. Drainage as-built drawings for FDOT District 2 MS4 infrastructure within the City's MS4 jurisdiction will be forwarded to ETM by the FDOT District 2 NPDES Administrator or downloaded from the FDOT portal.
- Private, FDOT District 2, and City-owned and maintained roadways will be depicted via line style and/or color in the GIS applications.
- The FDOT District 2 NPDES Administrator will inform ETM of MS4 infrastructure and/or roadways transferred from FDOT to the City. ETM will review and confirm transfer information provided by FDOT with the City, prior to updating the MS4 inventory.
- Only private development and redevelopment project as-builts, for which the roadways and MS4 infrastructure has been transferred to the City, will be forwarded by the Development Services authorized representative for input into the MS4 inventory.
- ETM will also provide any available as-builts to the City upon request.
- Private developments are not included in MS4 updates unless specifically requested by the City on an individual development basis.
- ETM will update parcel and roadway centerlines and related attribute information via a download of Duval County Property Appraisers Office parcel map semi-annually, during FY22/23. Aerials will be updated once a year. ETM will update the interactive maps in the web asset management application and ETM Mapping tool with the information as needed.

MS4 attributes collected from as-builts include the following:

- Manhole, inlet, and control structure rim and bottom pipe invert elevation.
- Control structure weir elevations
- Manhole, inlet, and control structure type
- Open and closed conveyance segment lengths
- Open and closed conveyance upstream and downstream invert/bottom elevations
- Open and closed conveyance material and year constructed
- Closed conveyance (pipe) dimensions and shape
- Check valve information
- All MS4 features will include owner (either City, FDOT, or private) information if known.

Major Outfall Inventory and Mapping

- One map of the total City major outfalls with unique IDs will be produced in pdf format and submitted if required by the pending NPDES Cycle 5 Permit. A list of the major outfalls with their receiving waters and spatial coordinates (lat./long.) will also be provided if required by the pending NPDES Cycle 5 Permit.
- ETM will assist the City with a major outfall inspection analysis upon request. The results of the major outfall inspection analysis may provide justification for the City to request a lower inspection frequency to the FDEP.

Task 1.B - MLM Division Database Update

The MLM Division is responsible for routine maintenance (mowing, litter removal, and vegetation management/spraying) of roadside and off-road ditches, conveyance swales, MS4 ponds, and City-owned parcels. To support effective maintenance of these MS4 structures, ROW's, and public lands, ETM will:

- Add any new roadside and outfall ditches to be cleaned/re-graded by SWAT crews and/or cleaned as part of the Outfall Ditch Cleaning Project to the MLM Division's Application database as directed by the MLM Administrator.
- Update and add to the MLM Division's Application, City ponds posted to the NPDES GIS database (Task 1.A) and/or transferred to the MLM Division for routine maintenance.
- Review and update all MLM Division contractor maintenance schedules for Fiscal Year 2023/24 within 30 business days of final receipt. Coordination with the MLM Administrator and contractors will be required to complete this task. Contractors are required to use the ETM asset and scheduling form. Any contractor discrepancies (quantities, additions, deletions, and nomenclature) with the provided MLM asset list and schedule form will be sent to the MLM Administrator for review. Additional assets added or deleted throughout the year will also require the contractor to provide schedules to ETM and the MLM Administrator.

TASK 2 – Stormwater Management Plan (SWMP) Update and Permit Required Reports

The NPDES Permit requires that the SWMP be updated as needed to reflect changes in City standard operating procedures and/or resource allocation.

Task 2.A - SWMP Update (Smart Book)

ETM will update the SWMP "Smart Book" which compiles all the related reports, documents, and procedures concerning the SWMP. ETM will also insert new plans and reports submitted to the FDEP as well as updated and new SOP's implemented by the City during FY22/23.

Task 2.B - NPDES Cycle 4 Year 6 (C4Y6) Annual Report Preparation Support

- Assist with Annual Report. ETM will assist the City NPDES Coordinator with the collection of data maintained by various City departments. ETM will work with the City NPDES Coordinator to analyze, and format the data as well as draft supporting text for the following NPDES C4Y6 Annual Report Sections:
 - Section II Major Outfall Inventory
 - Section IV Fiscal Analysis
 - Section VII Stormwater Management Program
 - Part III.A.1 Structural Controls and Stormwater Systems Operations
 - Part III.A.3 Roadways - Street Sweeping and Nutrient Reduction Calculation
 - Part III.A.4 Flood Control Projects
 - Part III A.7.c Illicit Discharges and Improper Disposal
 - Part III A.7.g Limitation of Sanitary Sewer Seepage

The collection, analysis and summarizing of data for all sections of the NPDES C4Y6 Annual Report form not listed in Task 2.B above will be completed by the City NPDES Coordinator or authorized representatives.

- **FDOT MS4 Structures.** In addition to the above, ETM will, in accordance with the City's inter-agency agreement with FDOT District 2, forward to the FDOT NPDES Administrator an updated count of MS4 structures within the City's MS4 jurisdiction and IDDE inspection information. This will assist FDOT in the completion of some sections of the FDOT C4Y6 Annual Report.
- **Inspection Batch Closing.** ETM will batch create and batch close inspections for new developments as well as SWAT and Outfall Ditch Cleaning projects as requested by the City for C4Y6 time period so they may be included in the inspection count for the NPDES C4Y6 Annual Report due March 2023.

Task 2.C – Tributaries I & II BMAP Annual Report (FY 21/22) Preparation Support

The City is required to submit, by January 15, 2023, a status report summarizing planned, ongoing, and completed activities/projects for the tributaries I and II listed for the LSJR BMAP for the period since submittal of the most recent annual report.

- ETM will assist the City NPDES Coordinator with the preparation of the Tributaries I and II BMAP Annual Report for the period October 2021 through September 2022 (FY21/22)
- ETM will geocode CIP projects that can be included in this report.

The City NPDES Coordinator and PWD Engineering Division Chief or their authorized representative(s) are responsible for the addition and update of Stormwater Capital and DSR projects underway and completed as required in the instruction documentation provided by the FDEP. This information will be forwarded to ETM by the City for inclusion in the report.

Task 2.D – Ribault River and Strawberry Creek Bacteria Pollution Control Plan (BPCP) Status Reports for C4Y6, TMDL Prioritization Plan, and New WBID BPCP

Ribault River and Strawberry Creek BPCP Status Reports. ETM will assist the City NPDES Coordinator with the preparation of the Ribault River and Strawberry Creek Bacteria Pollution Control Plan status reports for Cycle 4 Year 6. More specifically ETM will, in coordination with the City NPDES Coordinator, assemble necessary data and prepare an activity table for each report summarizing the following for the reporting year:

- EQD proactive and reactive IDDE, private lift station, and water quality complaint inspections and investigations.
- RWSM proactive and reactive maintenance activities.
- Septic tanks phased out during the current reporting year.
- FDOH of Duval County septic tank inspections and enforcement actions, and JEA's SSO response and maintenance activities. This data will be obtained by the City and forwarded to ETM.

The preparation of water quality monitoring trend analysis narrative along with related tables and maps will be completed by EQD staff.

TMDL Prioritization Plan. ETM will assist the City with the TMDL Prioritization Plan for waterbodies with a TMDL and without a BMAP. This report is due six months following the effective date of the pending NPDES Cycle 5 Permit.

New WBID BPCP. ETM will assist the City with the preparation of the BPCP of the WBID determined in the TMDL Prioritization Plan if the BPCP is due within 12 months of the effective date of the pending NPDES Cycle 5 Permit.

TASK 3 – SWMP Assessment Program Implementation

The City submitted an updated SWMP Assessment Program Plan with their NPDES C4Y4 Annual Report in March 2021. The City is currently waiting for approval of this Plan. ETM will continue to assist City staff with the implementation of the FDEP-approved SWMP Assessment Program.

Task 3.A – SWMP Assessment Annual Report Preparation Support

ETM will assist the City NPDES Coordinator with the preparation of the NPDES C4Y6 SWMP Assessment Annual Status Report as defined from the FDEP-approved plan.

More specifically ETM will:

- Assemble and analyze all rainfall data and prepare draft narrative benchmark EMC text.
- Prepare draft narrative text for each of the following SWMP Assessment Key Performance Indicators (KPI's).
 - KPI 1 - MS4 Capital Improvement and Retrofit Projects Completed
 - KPI 2 - Septic Tank Phase Out
 - KPI 3 - Maintenance Activities Undertaken
 - KPI 4 - Load Reductions Achieved through Street Sweeping, Roadway Litter Removal, and Inlet Cleaning
 - KPI 5 - Structural Control Inspection Findings and Follow-up Maintenance

The City's water quality monitoring staff, at the direction of the City NPDES Coordinator will:

- Utilize long-term and current permit reporting year water quality monitoring data to summarize current permit year water quality sample results and the long-term water quality trend for each of the SWMP Assessment Program's focus waterbodies.
- Assemble data and prepare narrative text for KPI 6 – BMP Effectiveness.

TASK 4 – Permit Administration Application Technical Support

The purpose of this task is for ETM to provide user and technical support of the inspection and permit administration applications, dashboards, and reports during FY22/23.

Task 4.A – MAXIMO Extract Refinement

With the assistance of PWD MAXIMO (TIVOLI) support staff, ETM will, on an approximate quarterly basis, extract and geocode the drainage related work orders. The geocoded work orders will enable ETM to assess and report MS4 maintenance activity and effectiveness.

- Summarize and update SWAT accomplishments.
- Consolidate work order data for the NPDES C4Y6 Annual Report and Ribault River and Strawberry Creek BPCP Annual Status Reports, and SWMP Assessment Annual Reports.
- Analyze and format extracted MAXIMO (Tivoli) data to support PWD special project reporting and presentation needs.
- Download, analyze and format daily rainfall data from NOAA.

As in prior years, preparation and updated Maximo (TIVOLI) extract scripts and related documentation will be completed by City staff.

Task 4.B – Technical Support & Systems Administration

Maintain Web -based Applications. ETM will perform the following to maintain the web-based platforms:

- Maintain the inspection applications and MS4 viewer in the web-based platforms (Cartegraph and ETM's Esri GIS Mapping Tool).
- Address minor configuration requests and updates from the City.
- Transfer attachments from Inspection tasks to Maintenance and Cleaning tasks on a weekly basis.
- Site information such as WBID name and number, CPAC, Council District, etc. will be populated for new IDDE, private lift stations, and HRF assets.
- Add information to Task or Asset drop down menus as requested by the City.
- Correct non-reoccurring, incorrectly entered, data from the inspectors as directed by the City.
- Create layers as directed by the City.
- Provide contour data for requested areas as directed by the City.
- Creation, deactivation, and general administration of user accounts at the direction of the City.
- Update Application manuals as needed.

All technical support requests will be forwarded to ETM by the appropriate City functional group manager/supervisor via email. The email forwarded will include a description of the issue and related screen shots of the problem encountered if needed.

ETM will respond to all technical support requests within 24 hours of receipt. ETM will resolve technical issues in a timely manner but cannot commit to completing all technical support requests within 24 hours.

ETM is not responsible for resolving connectivity or performance issues caused by City or FDOT District 2 owned or maintained desktop and notebook PCs, local area networks, routers, air cards, or web site access restrictions.

TASK 5 – Project Management and Direct Expenses

Task 5-A -Project Management

ETM is responsible for the preparation and distribution of monthly status reports to the project stakeholders. The status report will summarize work in progress, describe work completed and in progress as well as outstanding issues that may impact timely completion of work authorized in this amendment. Other project management responsibilities include the following:

- The general day to day coordination and supervision of the ETM and sub-consultant project team.
- Preparing for and attending program status and other meetings as requested and scheduled by the City Engineer, the City NPDES Coordinator or their authorized representative.
- Meetings with RWSM, EQD, MLM, and PWD Engineering Division Chief to review work in progress and resolve issues that may impede the completion of the work as described in this scope of services.
- Assist with preparation for and participate in bi-monthly PWD/EQD coordination meetings and quarterly executive briefings.
- Interface with appropriate FDEP personnel on NPDES Permit requirements.

Task 5-B Direct Expenses

Direct expenses include costs associated with asset management application hosting fees, transportation, reproduction, printing, shipping, and hard copy data extracts.

Task 6 – Reimbursable Services

The purpose of the following reimbursable services tasks is to enable the City Project Manager, City NPDES Coordinator, and RWSM, MLM and EQD Division Chief(s) to authorize ETM to provide NPDES Permit special project services on an as-needed basis.

Budget amounts allocated to each reimbursable service task (6.A, 6.B, and 6.C) can be redistributed as deemed necessary by the City NPDES Coordinator or authorized representative.

ETM will prepare and submit to the requesting department/division's authorized representative and the City NPDES Coordinator a statement of work and cost estimate for each special project request requiring more than 40 hours of labor to complete. For requests that require less than 40 hours of labor to complete, email correspondence between ETM and the City authorized representative will be used to authorize and document the work to be performed.

New Staff Training and Layer Set Up in Cartegraph Application to Reimbursable Task.

- ETM will add, delete, and replace users to the City Applications as requested during the contract period. Any Cartegraph Application hosting costs for additional users (above the existing 70 users) will be billed to the Reimbursables Tasks.
- ETM will also provide initial user training and support for new City software application users as directed by the City during the contract amendment period.
- New settings and automations will be added and revised with regard to new users.
- Layers and screen dashboards will also be created for new users during the contract amendment period.

After the initial training, the City is responsible for assessing and maintaining integrity of all inspection findings and other data entered into the database by City staff and associated with each inspection type within the software platform.

Reimbursable services authorized may include but are not limited to the following:

Task 6.A - PWD NPDES Permit Special Project Requests

- New Staff Training and Layer Set Up in Cartegraph Application.
- Maps and related structure excel files to support SWAT crew field activities.
- SWAT accomplishment mapping and reports.
- Creation of City Council, public meeting, and other special purpose reports or presentation maps.
- Special purpose MAXIMO (TIVOLI) work order history/trend reports and maps.
- Funding of certification and annual refresher level training courses for RWSM, MLM, and PWD Engineering Division staff. Courses to be conducted by FSA or other state certified trainer.
- Perform upgrades to the existing inspection application as directed by RWSM.
- Prepare enhancement layers or gadgets to use in the Cartegraph Application.
- Assist with update of SOPs associated with RWSM.
- Costs associated with additional users for PWD.
- Prepare Street Sweeping map updates.

- Configure the Street Sweeping data management and/or the Outfall Ditch Cleaning Project into the Cartegraph inspection Application. Automations, filters, and dashboards may also be prepared.
- Integration of Cartegraph maintenance requests into the MyJax platform complaint system to trigger maintenance services.
- Prepare a Stormwater Capital Improvement Projects Inventory in Cartegraph system.
- City Maximo integration into the Cartegraph system directly or indirectly.
- Personnel stormwater training.

Task 6.B - EQD NPDES Permit Special Project Requests

- New Staff Training and Layer Set Up in Cartegraph Application.
- Creation of City Council, public meeting, and other special purpose reports or presentation maps.
- Funding of certification level and annual refresher training courses of EQD staff. Courses to be conducted by FSA or other state certified trainer.
- Perform upgrades to the existing inspection application as directed by EQD.
- Research and assist the City with grants.
- Prepare enhancement layers or gadgets to use in the Cartegraph Application.
- Assist with the update of SOPs associated with EQD.
- Costs associated with additional users for EQD.
- Configure the ESE inspection program in the Cartegraph Application.
- Drone services for inspection of waterways or outfalls.
- Provide field personnel for inspection services if needed. Additional user costs for Cartegraph Application.
- Perform CCTV services of storm systems.
- Personnel stormwater training.

Task 6.C - MLM Division NPDES Permit Special Project Requests

- New Staff Training and Layer Set Up in Cartegraph Application.
- Creation of City Council, public meeting, and other special purpose reports or presentation maps.
- Perform upgrades to the existing inspection application as directed by MLM.
- Prepare enhancement layers or gadgets to use in the Cartegraph Application.
- Assist with update of SOPs associated with MLM.
- Costs associated with additional users for MLM.
- Training MLM personnel on the mobile application for the Cartegraph Application.
- MyJax platform complaint system integration into the Mowing Inspection platform to trigger mowing services.
- Tree Planting database integration into Cartegraph Application. Configuration of planted tree inspections in MLM inspection application.
- Personnel stormwater training.

**Contract Fee Summary Format for Public Works Department
City of Jacksonville, Florida**

PART I - General				
1. Project NPDES Engineering & Permit Administration			2. Proposal Number/Contract P-03-22	
3. Name of Consultant England-Thims & Miller, Inc.			4. Date of Proposal 10/11/2022	
PART II - Labor Related Costs				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal-in-Charge	\$ 105.77	5	\$ 528.85	
Client Manager		0	\$ 0.00	
Project Manager	\$ 67.23	1109	\$ 74,558.07	
Senior Engineer	\$ 66.85	0	\$ 0.00	
Engineer	\$ 57.06	35	\$ 1,997.10	
Senior Programmer	\$ 56.42	698	\$ 39,381.16	
GIS Programmer	\$ 35.00	809	\$ 28,315.00	
GIS Analyst	\$ 31.25	150	\$ 4,687.50	
GIS Technician	\$ 21.88	1776	\$ 38,858.88	
Clerical	\$ 29.83	88	\$ 2,625.04	
Total Direct Labor		4670		\$ 190,951.60
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	200 % x Total Direct Labor			\$ 381,903.20
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 572,854.80
8. PROFIT: Labor Related Costs (Item 7)				\$ 57,285.48
				x 10%
PART III - Other Costs				
9. Miscellaneous Direct Costs				
Transportation			\$ 300.00	
Application Platform Fees (Cartegraph and Esri)			\$ 69,000.00	
Reproduction			\$ 400.00	
Shipping			\$ 300.00	
Provide Data Extracts and Maps to Other Agencies			\$ 0.00	
Sub-total Miscellaneous Direct Costs			\$	\$ 70,000.00
10. Subconsultants				
Tasks 1-5 Subconsultant - Four Waters Engineering, Inc. (JSEB)			\$ 142,000.00	
Subconsultants Sub-total			\$ 142,000.00	\$ 142,000.00
Total Lump Sum Amount (Items 5, 6, 8, 9 and 10)				\$ 842,140.28
11. Reimbursable Service Costs - Limiting Amount				
Task 6A - PWD NPDES Special Project Requests			\$ 25,000.00	
Task 6B - EQD NPDES Special Project Requests			\$ 25,000.00	
Task 6C - MLM Division NPDES Special Project Requests			\$ 30,000.00	
Sub-total Reimbursable Services				\$ 80,000.00
PART IV - Summary				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$ 922,140.28
12. Prior Contract Amount				\$ -
Amended Amount of Contract				\$ 922,140.28

COJ NPDES Engineering and Permit Administrative Services for FY22/23		
Task	ETM Labor	
	Hours	Cost
TASK 1 - MS4 Inventory Update and Maintenance	2820	\$ 437,339.10
Task 1.A - MS4 Inventory Update	2570	\$ 406,307.88
Task 1.B - MLM Division Database Update	250	\$ 28,206.75
TASK 2 - Stormwater Management Plan (SWMP) Update and Reports	511	\$ 86,124.29
Task 2.A - SWMP Update (Smart Book)	110	\$ 16,999.29
Task 2.B - NPDES Cycle 4 Year 6 Annual Report Preparation Support	153	\$ 25,200.45
Task 2.C - Tributaries I & II BMAP Annual Report Preparation Support for FY21/22	46	\$ 8,637.62
Task 2.D - Ribault River & Strawberry Creek BPCP Status Reports, TMDL Prioritization Plan, and new WBID BPCP	202	\$ 38,111.40
TASK 3 - SWMP Effectiveness Assessment Program Implementation	75	\$ 15,062.62
Task 3.A - SWMP Annual Status Assessment Report Preparation Support	75	\$ 15,062.62
TASK 4 - Permit Administration Application and Technical Support	559	\$ 73,994.22
Task 4.A - MAXIMO Extract Refinement	103	\$ 18,770.47
Task 4.B - Technical Support & Systems Administration	456	\$ 55,223.75
TASK 5 - Project Management and Direct Costs	705	\$ 229,620.06
Task 5.A Project Management	705	\$ 159,620.06
Task 5.B. Miscellaneous Direct Costs		\$ 70,000.00
Labor Total Lump Sum	4,670	\$ 842,140.28
TASK 6 Reimbursable Services		
Task 6.A - PWD Special Project Requests		\$ 25,000.00
Task 6.B - EQD Special Project Requests		\$ 25,000.00
Task 6.C - MLM Division Special Projects		\$ 30,000.00
Reimbursable Services Total		\$ 80,000.00
Total Lump Sum + Reimbursables		\$ 922,140.28

Labor hour amounts do not include subconsultant hours. Subconsultant costs for this Amendment are listed under Task 1A and Task 5A.

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: England Thims and Miller, Inc.

Project Title: NPDES Engineering & Permit Administration FY22/23

Proposal Number: P-03-22, Contract Total Base Proposal Amount (if applicable): \$922,140.28


***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
Four Waters Engineering, Inc.	Women	MS4 Database update	\$142,000.00
AE Engineering, Inc.	African American	Inspection, CEI	TBD
Alpha Envirotech Consulting, Inc.	Women, Asian	Environmental Consulting	TBD

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African American Participation Total	
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	\$142,000.00
Non-MBE Participation Total	\$ 0.00

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: Executive Vice President Date: October 12, 2022

Print Name: Juanitta Clem