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.

October 23, 2019

TO: Gregory W. Pease, Chairman
Professional Services Evaluation Committee

THRU: John P. Pappas, P.E.
Director

FROM: William J. Joyce, P.E.
Director of Operations

Jill Enz, Manager,
Parks Development and Natural Resources

10/24/19 15:57:35
Procurement Division

SUBJECT: P-21-19 Professional Engineering Services for Emerald Trail Master Plan Improvements

PWGM141FYCP-06503-PW0902-01	$196,160.69
PWGM141FYCP-06505-PW0902-01	$ 548.61
RPCP32EF5720-069505-PW0902-01	$139,528.66

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

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with Pond and Company Corporation for Professional Engineering Services for Emerald Trail Master Plan Improvements, 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 Design Services in the amount of $298,167.96 and not to exceed limit for Survey in the amount of $38,070.00, with a maximum indebtedness to the City in the amount of $336,237.96 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.

JPP/lw

Attachment: Exhibits A & B
JSEB Participation

cc: Kelsey Cox, P.E., Project Manager, Engineering and Construction Management
Lori West, PW Contract Specialist, Engineering and Construction Management

ab

Scope of Work (COJ Funded)

City Proposal Number: P-21-19

Emerald Trail Design Services
from S-Line at State Street to Stonewall Street at Park Street

Project Purpose and Limits

The project is for the development of an off-road trail for pedestrians and bicycles in the LaVilla & Brooklyn districts of downtown Jacksonville. The project shall extend from the S-Line at State Street from the north and ending at the intersection of Park Street and Stonewall Street to the south, approximately 1.3 miles. Signalization and Crosswalk improvements at the intersection of Stonewall Street and Park Street will be done by others. Groundwork Jacksonville (GWJax) recently completed the Emerald Trail Master Plan and Implementation Strategy; the Master Plan will provide guidance to the Consultant. The Consultant shall adhere to the Trail's Branding and Design Standards, any deviation from the Standards needs to be highlighted and justified. The City of Jacksonville / GWJax considers this first segment of the Emerald Trail as the Model for future phases and emphasizes the importance of the successful completion of this project.

The Trail alignment shall be signed and marked for safety at roadway crossings and wayfinding signage along adjacent roadways; the Consultant shall follow City of Jacksonville (COJ)/Florida Department of Transportation (FDOT) standards, as applicable. Where COJ and FDOT standards differ from recommended trail standards, the Consultant will bring it to the attention of GWJax and COJ for resolution. The Trail alignment shall consider ADA accessibility and safety improvements for trail users, both pedestrians and cyclists. The Consultant shall consider AARP Livable Cities Criteria during the design. It is anticipated that the Trail will be constructed within available public rights-of-way or public lands, no private property will be impacted.

As the Consultant develops this project's design schedule and milestones, it is important to note that the Downtown Investment Authority solicited for "Developers" to develop a few parcels in the LaVilla District. The preferred Trail Alignment, typical sections and required building setbacks need to be identified and communicated to the Downtown Investment Authority and their Developer to allow the Developer to accommodate the Trail requirements as they develop their projects.

Project Management and Client Communication

During the project the Consultant will facilitate frequent communication with COJ. Marty Child will be the project's point of contact. Bi-weekly meetings (either by phone or in person) will be scheduled with COJ and Consultant Team Members. Status Meetings with COJ will be scheduled monthly. Project management time and coordination meetings are included in each phase of the project according to the tasks and timeline. Monthly, we will provide the COJ Project Managers with the following:

- An updated schedule
- A progress report
- Invoice

The Emerald Trail Model Mile project is being jointly funded by the City of Jacksonville (COJ) and Groundwork Jacksonville (GWJAX). GWJAX is providing funding for the 30% deliverable and COJ is providing funding for the remainder of the project – 60% deliverable through final deliverable (see attached scope and fee proposal, Exhibit B1).

TASK 1 60% PLANS SUBMITTAL

The Consultant shall begin refining the 30% plans (prepared under the GWJAX funded portion of the project) to incorporate any feedback or comments received from COJ and / or GWJax.

The Consultant shall design the trail to meet roadside safety and maintenance of traffic requirements for the adjacent facilities. Consultant shall perform trail pavement design and cross-sections to safely accommodate pedestrians and cyclists and utilize materials which will strive to minimize long-term maintenance of the facility.

SUE Survey:

This Task includes providing Subsurface Utilities Engineering (SUE) to locate apparent underground public utilities. The approximate horizontal location of existing utilities will be designated by means of paint and flags. Tasks include:

- Survey & SUE for signalized intersections - all four quadrants
- 15 Utility Test Holes
- Asphalt Restoration
- Density Testing

Roadway:

The Consultant shall design the trail to meet roadside safety and maintenance of traffic requirements for the adjacent facilities. Consultant shall perform trail pavement design and cross-sections to safely accommodate pedestrians and cyclists and utilize materials which will strive to minimize long-term maintenance of the facility.

Lighting:

The Consultant shall evaluate pedestrian / bicycle lighting requirements to determine if / where additional lighting is justified and desirable along the Trail alignment from a safety standpoint. Lighting design shall include segments of the path where lighting warrants are met for pedestrian and bicycle traffic. Lighting for vehicular traffic is outside the scope of the project.

Structures:

The Consultant shall perform structural analysis and design for the following project elements:

- Design of pavilion overlook structure foundation and deck; does not include design of roof / covering which may be installed separately by others, or developed as a public art element
- Structural evaluation and load rating of Park Street viaduct bridge to accommodate proposed lane configuration and anticipated loading for pedestrians, bicyclists, event vehicles, and associated landscape, hardscape, and other amenities.
- Mast Arm analysis at Water Street

Signalization Design:

Park Street at Water Street (Existing Traffic Signal)

Bike Path assumed to be on the west side of the bridge, all vehicular traffic will be on the east side of the bridge as part of a road diet. Intersection will be reconfigured to accommodate.

- Replace 2 Mast arms
- Replace all pedestrian signals, detectors and signs
- Replace vehicular detection

Plans shall include but not be limited to:

- Cover Sheet
- General Notes
- 60% Plans and profiles at 1" = 20 ft scale
- 60% Construction Details
- Typical Sections by segment
- 60% Drainage Design
- Drainage details
- Intersection Details
- Trail Cross Sections
- 60% Signing and Pavement Marking Plans
- 60% Landscape Plans
- Landscape details
- 60% Irrigation Plans
- Irrigation details
- 60% Lighting Plans
- Lighting details
- 60% Signal Plans
- Signal details
- 30% Structures Plans
- 60% Level quantities
- 60% Level construction cost estimate

Deliverable

- The Consultant shall submit 60% plans, 2 Sets 24"x36" plus Digital File Scalable to 24"x 36" and 11"x17" to COJ / GWJax for their review and comments

TASK 2 90% PLANS SUBMITTAL

Based on comments received from the COJ / GWJax, the Consultant shall incorporate their feedback and prepare 90% Plans for the project.

Plans shall include but not be limited to:

- Cover Sheet
- General Notes
- 90% Plans and profiles at 1" = 20-ft scale
- 90% Construction details
- Typical Sections by segment
- 90% Drainage Design
- Drainage details

- Intersection details
- Trail Cross Sections
- 90% Pavement Marking, Signing and Way-Finding Plans
- 90% Landscape Plans
- 90% Tree Removal and Protection Plan
- Landscape details
- 90% Irrigation Plans
- Irrigation details
- 90% Lighting Plans
- Lighting details
- 90% Signal Plans
- Signal details
- 90% Structures Plans
- 90% Erosion Control and Pollution Prevention Plan
- 90% Maintenance of Traffic Plan
- 90% Level quantities
- 90% Level construction cost estimate
- Construction Specifications

Deliverable

- The Consultant shall submit 90% plans, 10 Set Review Submittal plus 2 Sets 24"x36" plus Digital File Scalable to 24"x 36" and 11"x17" to COJ / GWJax for their review and comments

TASK 3 100 % CONSTRUCTION DOCUMENTS

The Consultant shall prepare the Final set of Construction Documents, incorporating 90% review comments from COJ / GWJax, and other public agencies. The Documents shall be suitable for bidding and construction of the design elements of the project. The Construction Documents shall include Plans, Bid Item Quantities and Construction Specifications and a full set of City of Jacksonville Standard Contract Documents.

Deliverable

- The Consultant shall produce a full set Signed and Sealed Construction Documents and a full set of City of Jacksonville Standard Contract Documents for this project, documents shall be available in electronic as well as hard copy.

TASK 4 PERMITTING

The Consultant shall be responsible for submitting and obtaining regulatory approval for the Construction of this project from all necessary regulatory agency with jurisdiction over this project. Any permitting fees shall be paid by the Owner.

TASK 5A – BID ASSISTANCE

The Consultant shall assist COJ in the preparation of bid documents to be used in the procurement of construction services by qualified Contractors for the construction phase of the project and assist the City of Jacksonville in pre-qualifying Contractors, with a track record of performing similar projects, to be considered for bidding this project. The services will include responding to Requests for Information (RFI's) from bidders, attend a Pre-Bid meeting and prepare any

addendums that may be required during the bidding process. The Consultant will also assist COJ by encouraging Contractors to provide on-job training for workers in anticipated project trades such as carpentry, concrete finishing, etc.

TASK 5B – POST DESIGN SERVICES

Post-Design Services are not included at this time but may be added at the Owner's Request.

PROJECT ADMINISTRATION

At the project execution, the Consultant shall submit a Project Management Plan (PMP). The PMP shall include Consultant Team contact information, Project Budget by Task and associated schedule and milestones for each task.

Progress Meetings: During the preliminary engineering phase of the project it is anticipated that close coordination of the project would require weekly progress meeting. However, once the project moves into the 60% submittal phase, progress meetings shall be conducted bi-weekly. The meetings could be conducted via teleconference or face-to-face. Pond will provide meeting summaries to GWJax and COJ Project Managers after each meeting.

Public Meetings: It is anticipated that one (1) Public Meeting will be required. GWJax will work with the Consultant to secure a meeting location. The meeting shall occur at the conclusion of Task 4, 60% Plans to introduce the final alignment and a construction timeline.

The Consultant shall support the Public Outreach efforts of GWJax by developing renderings and display materials for use in Public Meetings and other Agency / Stakeholder coordination.

Field Meeting: At the 60% Plans Phase, the Consultant shall arrange for a field visit walk-through to resolve any outstanding project issues prior to proceeding with 90% Plans submittal. Pond will provide a meeting summary and comments to questions after the meeting.

COORDINATION

Coordination with other Projects

The Consultant shall coordinate with adjacent Consultants performing projects in the area including:

- Prosser for the Park Street Roadway Diet,
- Wood for the McCoy's Creek Restoration project,
- JTA's Jacksonville Regional Transportation Center

Consultant shall provide Design Team Members to accompany Client Staff for up to 20 individual meetings to coordinate with adjacent projects and assist with harmonizing planned developments and adjacent properties with Emerald Trail design elements.

Coordination with Other Agencies

The Consultant shall coordinate project design activities with other public agencies, this shall include the Florida Department of Transportation, for their jurisdictions over several State Roads the Trail will cross or traverse, Downtown Investment Authority, as well as the JTA.

ADDITIONAL REQUIREMENTS

1. The Consultant to coordinate design efforts and communicate with City Stormwater Maintenance Division as appropriate throughout the design phase.
2. The Consultant to perform complete QA / QC prior to each submittal. All internal QA / QC documentation shall be copied and supplied to COJ upon request.
3. The Consultant shall take notes of all design/review meetings held with the City agencies. These notes shall be transcribed and furnished to the COJ for concurrence, as soon as practical, after the date of the meeting.
4. The Consultant shall perform utility coordination as part of the scope of this project.
5. COJ shall be the owner of all final documents.

NOTICE-TO-PROCEED

No work on this project shall be performed until a contract has been executed and a Notice-to-Proceed letter has been issued by COJ.

FEE SUMMARY

The Consultant Fee Schedule is included as 'Exhibit B1'.

EXCLUSIONS AND ASSUMPTIONS

1. Any Contamination/Environmental Testing for the project will be the responsibility of the City of Jacksonville.
2. Road realignments and operational modifications are excluded from the project, except in cases where slight modifications to curb line will improve Trail access and constructability. Park Street Viaduct, as well as the Lee Road Road-Diet will require curb modification.
3. Road repaving is excluded.
4. As-Built drawings will be provided by the Contractor.
5. Environmental certifications including LEED, SITES, and Envision are excluded at this time.
6. Groundwork Jacksonville is responsible for arranging and coordinating Public Meetings. Pond will be a meeting participant and can assist in presentations.

EXHIBIT B

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA (COJ Funded)

PART I - GENERAL	
1. Project Emerald Trail Model Mile	**2. Contract Number**
3. Name of Consultant Pond and Company	**4. Date of Proposal** 10/18/2019

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 98.73	43	$ 4,245.18	
Project Manager	$ 47.00	398	$ 18,706.00	
Sr. LA	$ 54.38	35	$ 1,903.30	
LA	$ 30.28	458	$ 13,868.24	
Sr. Engineer	$ 69.23	147	$ 10,176.81	
Design Engineer	$ 55.00	206	$ 11,330.00	
Engineering Intern	$ 32.06	320	$ 10,259.20	
Sr. Designer	$ 43.46	252	$ 10,951.92	
Designer	$ 25.72	32	$ 823.04	
Clerical	$ 30.84	63	$ 1,942.92	
TOTAL DIRECT LABOR		1954		$ 84,206.61
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	172 % x Total Direct Labor			$ 144,835.36
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 229,041.97
8. PROFIT: Labor Related Costs (Item 7		x	10%	$ 22,904.20

PART III - OTHER COSTS

9. Miscellaneous Direct Costs		
Transportation & Shipping	$ 5.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 1,028.60	
Other	$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ 1,033.60
10. SUBCONTRACTS (Lump Sum)		
Peters & Yaffee (Signals)	$ 23,478.48	
Morales Engineers (Structural)	$ 8,352.95	
Haddad Engineering (Electrical)	$ 13,356.76	
SUB-CONTRACT SUB-TOTAL		$ 45,188.19
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 298,167.96
11. REIMBURSABLE COSTS (Limiting Amount)		
R.E. Holland/FR Aleman (SUE)	$ 38,070.00	
Construction Support Services	$ 0.00	
SUB-TOTAL REIMBURSABLES		$ 38,070.00

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$ 336,237.96**

EXHIBIT B

R.E. Holland & Associates, Inc.
9770 Baymeadows Rd. Suite #125
Jacksonville, FL 32256

PROFESSIONAL LAND SURVEYORS
R.E. HOLLAND
Jacksonville Florida

Phone: 904-260-6300
Fax: 904-646-3272
LB# 6755

R E Holland Rate Sheet

3 Man Crew $58.19

4 Man Crew $77.59

We used the COJ Rate sheet to calculate our fees.

150% X Total Direct Labor X 10%

Administration fee for F R Aleman is calculated Field Crew 31 hrs. @ $160 hr.

Celebrating 30 Years of Excellent Service

Certified Jacksonville Small & Emerging Business (JSEB) Vendor

EXHIBIT B

FRALEMAN

T 904.779.5972 E FRAJax@FR-ALEMAN.COM
F 904.779.5974 W FR-ALEMAN.COM

September 9, 2019

R.E. Holland & Associates, Inc.
ATTN: Tom Smith, PSM
Executive Vice President
9770 Baymeadows Rd., Suite 105
Jacksonville, FL 32256
tjs@reholland.net

RE: **Emerald Trail**

SUBJECT: Price Proposal for Subsurface Utility Locating Services

Dear Mr. Smith:

Per your request, F.R. Aleman & Associates, Inc. (FRA) is pleased to submit our proposal to provide subsurface utility locating services to your organization as follows:

12 Day of Designating Services @ $ 1840 per Day	=	$ 22,080.00
15 Utility Test Hole @ $ 350 per Test Hole (Hard surface)	=	$ 5,250.00
Asphalt Restoration @$40 per hole (15 Utility Test Holes Hard surface)	=	$ 600.00
8 Hours Density Test @ 60 per Hour	=	$ 480.00
FDOT Permit @ $500	=	$ 500.00
6 Days of Standard MOT @ $500 per day	=	$ 3,000.00
15 Hours of Project Manager @ $ 80 per Hour	=	$ 1,200.00
Total	=	**$ 33,110.00**

Notes:

- If any additional permit is required for this Project to proceed, this estimate will need revision.
- In the case of test holes on asphalt, following the new requirements from the FDOT (Downtown area), if a special filling is necessary, this estimate will need revision.

DESCRIPTION OF SERVICES

GENERAL NOTES

FRA will provide subsurface utilities engineering (SUE) personnel, tools and specialized equipment to locate apparent underground public utilities. FRA is aware that utility test holes are being requested on an as needed basis, and exact locations have not yet been established. Utility Test Holes shall be performed per ASCE/CI 38-02 (Quality Level A) Standards. This proposal is based on public agencies allowing standard Maintenance of Traffic (MOT) (limited to Index 613) and typical daylight operations (8:00 AM – 5:00 PM). Should additional permitting and/or MOT be

6196 LAKE GRAY BOULEVARD, SUITE 101
JACKSONVILLE, FLORIDA 32244

required, this proposal may need revision. Restoration shall be limited to standard SUE practices. Should additional restoration become necessary, this proposal may need revision. FRA will not be providing survey for this project; the project surveyor will be responsible to record our field markings for entry into project database.

Consultant's Responsibilities (Designating):

FRA will designate the appropriate horizontal location of existing utilities for this project by means of paint and flags. Locating underground utilities is not an exact science. Therefore, FRA expresses no guarantees that using one or any of the aforementioned techniques will identify all utilities. Project owner, and/or any of its sub-contractors shall hold harmless and indemnify FRA against any losses as a result of limitations within the equipment, but not against negligence on the part of FRA or its employees. Hand digging is required in all situations when excavating within 24" of FRA's markings. FRA by no means guarantees or warrants these markings to be exact for any utilities and accepts no responsibility for any utility damages, down-time, delays, etc., from use of our designating services.

UTILITY TEST HOLES

This service will include but not be limited to the following:

- Working in existing streets, roads, rights of way, etc., for excavating, measuring and recording the location, depth and condition of known underground utilities along project route.
- Excavation of test holes in such a manner as to prevent any damage to wrappings, coatings or other protective coverings (by use of vacuum/pressure excavations, hand digging, etc.).
- Furnishing and installation of color-coded, above ground, markers at grade level (e.g., PK nails, wooden hubs, and steel rods) directly above the centerline of the utility structure and recording the utility cover on the marker.
- Utility test holes shall not to exceed 225 sq. in. per cut.
- Cleanup of work sites to equal or better condition than before excavation.
- Backfill material shall be same or like material removed from test hole. No special backfill material is included in proposal.

CONDITIONS & EXCLUSIONS

Locating of underground utilities for pre-excavation:

- Utilities shall be marked per F.S. 556, prior to FRA field crew's work is to be performed. Following FRA work and prior to excavation, the contractor is responsible for securing locations of utilities through Sunshine One Call (800-432-4770) or 811.
- Utility locations are being provided to prevent or reduce the likelihood of utility conflicts and/or damage during excavation.
- Results are dependent upon field conditions at the time of locating services.
- FRA's proposed services do not include any support during construction phase. FRA would be please to provide similar services during construction phase (scope and fee to be determined).

FRA will use its best efforts to locate utilities but cannot guarantee all underground public can be located. We have estimated approximately **12 Day of Designating Services and 15 Utility Test Hole** for apparent underground public utilities. Should significantly more utilities be found, or if utilities cannot be located, more test holes may be required. If needed, any additional test holes will be at the same rate as above and only done at your direction.

FRA appreciates the opportunity to submit this proposal and looks forward to our association on this project. This proposal is valid for acceptance through **30 DAYS FROM QUOTE** after which it shall be subject to reconfirmation by

FRA. If this proposal is accepted prior to the above date, this pricing will be in effect through **60 DAYS FROM QUOTE** after which time it shall be subject to review and adjustment by FRA.

If you find this proposal acceptable, please sign the agreement in the spaces provided below and return the executed copy for our files, which will serve as your formal authorization for our services. We are prepared to commence work upon your authorization. Please do not hesitate to contact me if you have a question.

Sincerely,

Lis R. Tolstoy, PSM
Florida Survey Director
FRAJax@fr-aleman.com

ACCEPTED AND AGREED:	
Client:	R.E. Holland & Associates, Inc.
Approved By:	
Title:	
Date:	
Client Project No.	

6196 LAKE GRAY BOULEVARD, SUITE 101
JACKSONVILLE, FLORIDA 32244

EXHIBIT B

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

PART I - GENERAL	
1. Project Emeral Trail - Signalization	**2. Proposal Number**
3. Name of Consultant Peters and Yaffee, Inc.	**4. Date of Proposal** 9/12/2019

PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 87.21	2	$ 174.42	
Project Manager	$ 69.89	14	$ 978.46	
Senior Engineer	$ 68.75	34	$ 2,337.50	
Design Engineer	$ 38.63	58	$ 2,240.54	
Designer (Non-Regist.)	$ 28.82	32	922.24	
Engineering Intern	$ 34.18	24	$ 820.32	
Clerical	$ 24.88	0	$ 0.00	
Designer Associate	$ 16.00	18	$ 288.00	
TOTAL DIRECT LABOR	$42.65	182		$ 7,761.48
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	175 % x Total Direct Labor			$ 13,582.59
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 21,344.07
8. PROFIT: Labor Related Costs (Item 7)	x	10%		$ 2,134.41

PART III - OTHER COSTS		
9. Miscellaneous Direct Costs		
Transportation & Shipping	$ 0.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 0.00	
Other (Specify)	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
	$ 0.00	
	$ 0.00	
	$ 0.00	
SUB-CONTRACT SUB-TOTAL		$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		$ 23,478.48
11. REIMBURSABLE COSTS (Limiting Amount)		
	$ 0.00	
	$ 0.00	
SUB-TOTAL REIMBURSABLES		$ -

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	$ **23,478.48**

NAME OF CONSULTANT Morales Consulting Engineers, Inc.
Contract Number: P-21-19

SCHEDULE OF PROPOSED RATES

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

Principal, Branch Manager or Senior Officer	$	90.00	hr.
Project Manager (Responsible Professional)	$	60.00	hr.
Design Engineer or Architect (Registered)	$	60.00	hr.
Designer or Technician (Non-Registered)	$	35.00	hr.
Drafter or CADD Operator	$	35.00	hr.
Field Inspector	$	35.00	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$	18.00	hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 136.65 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10.00 %
4. Cost of 4-man survey crew per 8 hour day (If applicable) $ N/A
5. Other Direct Project Costs per Unit (please specify)

_____

_____

_____

6. Estimated percentage of total fee to be performed by subconsultants 0.0 %
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

_____

_____

EXHIBIT B

HADDAD ENGINEERING, INC.

October 23, 2019

Mr. Marty Child
POND
1300 Riverplace Blvd., Suite 210
Jacksonville, FL 32207

RE: Emerald Trail – Segment 1

Dear Marty,

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

Description:

- 1.3 Miles trail; S-Line at State St. from the North to Park St. and Stonewall St. to the South.
- Pedestrian/Bicycle lighting.
- Add lighting poles as required for security at trail.
- Empty conduits for surveillance cameras.

Engineering Services:

- Site investigations to determine existing lighting poles type and locations.
- Coordination with JEA for site power.
- Lighting levels calculations to include existing lighting poles and proposed new lighting poles.
- Electrical drawings; Site plans, lighting detail, power distribution, and diagrams.
- Electrical specifications.
- Meetings with Design Team and Owner.

Fees:
Electrical drawings..... $13,354.39

Please call me if you have any questions.

Sincerely,

Namir Haddad

Namir Haddad, P.E.
President

EXHIBIT B

ARCHITECTURE AND ENGINEERING FEES

PART I - GENERAL

1. Project **Emerald Trail- Segment 1 - 1.3 Miles**	**2. Project Number**
3. Name of Consultant **Haddad Engineering, Inc.**	**4. Date of Proposal** 10/23/2019

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$79.32	2	$158.64	
Project Manager	$68.00	10	$680.00	
Register Engineer	$44.50	30	$1,335.00	
Designer	$36.00	28	$1,008.00	
CAD	$24.50	65	$1,592.50	
Clerical / Admin	$20.50	4	$82.00	
TOTAL DIRECT LABOR		**139**		$4,856.14
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	163.31 % x Total Direct Labor			$ 7,284.21
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$12,140.35
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 1,214.04
9. SUBCONSULTANT COORDINATION : (Items 11)			5%	$ -

PART III - OTHER COSTS

10. Miscellaneous Direct Costs			
Original Media	$	0.00	
Reproduction	$	0.00	
Transportation	$		
Shipping	$	0.00	
Miscellaneous Direct Costs	$	0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL			$ -
11. SUBCONTRACTS (Lump Sum)			
	$	0.00	
	$	0.00	
	$	0.00	
	$	0.00	
SUB-CONTRACT SUB-TOTAL			$ -
TOTAL LUMP SUM AMOUNT (Items 7, 8, 9, 10, and 11)			$ 13,354.39
12. Reimbursable Costs - Limiting Amount			
	$	0.00	
	$		
	$		
SUB-TOTAL REIMBURSABLES			$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Items 7, 8, 9, 10, 11 and 12)	**$ 13,354.39**

EXHIBIT B

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: Pond and Company

Project Title: Emerald Trail Master Plan Improvements

Proposal Number: P-21-19 Total Base Proposal Amount (if applicable): $336,237.96

***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
R.E. Holland	Non-MBE	Survey	$38,070.00
Peters & Yaffee	African-American	Signals	$23,478.48
Morales Engineering	Hispanic-American	Structural	$8,352.95

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	$23,478.48 / 7%
Hispanic-American Participation Total	$8,352.95 / 2%
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	
Non-MBE Participation Total	$38,070.00 / 11%

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: Nina Sickler Title: Vice President Date October 16, 2019

Print Name: Nina C. Sickler

MISCELLANEOUS DIRECT COST

CONSULTANT: Pond and Company
CONTRACT NO.:
PREPARED: FMC

NAME OF PROJECT: Emerald Trail Model Mile
FROM: Stonewall Street
TO: S Line Rail Trail

ITEM DESCRIPTION									ITEM TOTAL	COMMENTS
Drafting Medium: (Original Reproducibles)										
Reproduction (Blue Line & Sepias)										
		24 x 36			11 x 17					
30% Plans		0			100	Sheets				
60% Plans		400			0	Sheets				
90% Plans		650			0	Sheets				
100% Plans		650			0	Sheets				
	Total Sheets	1,700			0					
Cost:		1,700	Sheets @	$	0.60	=		$1,020.00		
		0	Sheets @	$	0.05	=		$0.00		
		100	Sheets @	$	0.09	=		$8.60	$1,028.60	
Travel From: [Consultant Office Location]										
To Project:	# Trips									
Transport.	2 x	5	miles x	$	0.50	per mile*				
To City Hall:	# Trips									
Transport.	0 x	0	miles x	$	0.50	per mile*				
To Other Agency:	# Trips									
Transport.	0 x	0	miles x	$	0.50	per mile*			$5.00	
Shipping									$0.00	No additional deliveries required
Other (Specify)									$0.00	
TOTAL COST									$1,033.60	

* MAXIMUM $ 0.50 / MILE

SHEET 3

EXHIBIT B

ESTIMATE OF WORK EFFORT AND FEE FOR CONSTRUCTION PLANS

CONSULTANT: Pond and Company
CONTRACT NO.:

ESTIMATOR Marty Child/ September 24, 2019:

NAME OF PROJECT: Emerald Trail Model Mile
FROM: Stonewall Street
TO: S Line Rail Trail
LENGTH: 1.3 Miles

No. / ACTIVITY	PRINCIPAL		PROJECT MANAGER		SENIOR LA		LA		SR. ENGINEER	
	RATE/HR:	$ 98.73	RATE/HR:	$47.00	RATE/HR:	$54.38	RATE/HR:	$30.28	RATE/HR:	$69.23
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
I.5.A 30% Plans		$0.00		$0.00		$0.00		$0.00		$0.00
I.5.B 60% Plans	28	$2,764.30	261	$12,267.00	23	$1,250.74	301	$9,114.28	97	$6,715.31
I.5.C 90% Plans	8	$789.80	72	$3,384.00	6	$326.28	82	$2,482.96	26	$1,799.98
I.5.D 100% Plans	7	$691.08	65	$3,055.00	6	$326.28	75	$2,271.00	24	$1,661.52
TOTAL	43	$4,245.18	398	$18,706.00	35	$1,903.30	458	$13,868.24	147	$10,176.81

No. / ACTIVITY	DESIGN ENGINEER		ENGINEER INTERN		SR. DESIGNER		DESIGNER		CLERICAL	
	RATE/HR:	$55.00	RATE/HR:	$32.06	RATE/HR:	$43.46	RATE/HR:	$25.72	RATE/HR:	$30.84
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
I.5.A 30% Plans		$0.00		$0.00		$0.00		$0.00		$0.00
I.5.B 60% Plans	135	$7,425.00	210	$6,732.60	165	$7,170.90	21	$540.12	41	$1,264.48
I.5.C 90% Plans	37	$2,035.00	58	$1,859.48	45	$1,955.70	6	$154.32	12	$370.09
I.5.D 100% Plans	34	$1,870.00	52	$1,667.12	42	$1,825.32	5	$128.60	10	$308.41
TOTAL	206	$11,330.00	320	$10,259.20	252	$10,951.92	32	$823.04	63	$1,942.98

SHEET 2

EXHIBIT B

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 3, 2019

Nina Sickler, Vice President
POND & COMPANY CORPORATION
1300 Riverplace Boulevard, Suite 210
Jacksonville, Florida 32211

Dear Ms. Sickler:

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

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

Group 3 - Highway Design - Roadway

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

Group 4 - Highway Design - Bridges

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

Group 5 - Bridge Inspection

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

Group 6 - Traffic Engineering and Operations Studies

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

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 11 - Engineering Contract Administration and Management

Group 13 - Planning

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

Group 14 - Architect

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
177.06%	0.506%	Reimbursed	No	8.11%

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

Carliayn Kell
Professional Services
Qualification Administrator

R.E. HOLLAND & ASSOCIATES, INC.

Emerald Trail Topographic and Route Proposal
SURVEY ESTIMATE

(SURVEY FUNCTIONS BASED ON AN ESTIMATED 8400 LINEAR FEET OF R/W SURVEYING)

TASK 1:

	Office hrs.	Field hrs.
Gather R/W mapping information, existing subdivision plats, etc.:	30	0
Recover/Establish existing R/W control for project length:	30	50
Establish horizontal project control via GPS:	0	22
Establish vertical project control/set TBMs as req'd:	10	20
Establish project survey baseline:	20	16
Gather horizontal locations of impvts within R/W:	20	92
Gather locations of trees:	14	28
Provide SUE Level A locations (by others)	20	28
Collect SUE Level B locations (by others)	5	6
Amend Survey Base Maps to reflect new SUE/Geotech	5	12
Produce Survey Base Maps at 1" = 20" (approx. 13 sheets):	80	0
TOTAL HOURS FOR SURVEY:	**234**	**274**

Field Crew: 274 hours @ $160/hr.:	$ 43,840.00	
CADD Technician: 234 hours @ $100/hr.:	$ 23,400.00	GWJAX FUNDED SERVICES
Professional QA/QC: 20 hours @ $150/hr.:	$ 3,000.00	
Aleman SUE estimate	$ 33,110.00	
REH Administration of Aleman SUE	$ 4,960.00	COJ FUNDED SERVICES
TOTAL SURVEY ESTIMATE:	**$108,310.00**	

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

May 28, 2019

Yvette Aleman, President
F.R. ALEMAN & ASSOCIATES, INC.
10305 NW 41st Street, Suite 200
Doral, Florida 33178

Dear Ms. Aleman:

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

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design
3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
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 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials 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 June 30, 2020 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
209.17%	130.17%	0.923%	Reimbursed	No	2.98%	15.35%*

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

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

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

Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Haddad Engineering, Inc.

Proposal Number City of Jacksonville

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

Principal (Responsible Professional)	$79.32 hr.
Project Manager	$68.00 hr.
Architect (Registered)	$ hr.
Design Engineer (Registered)	$44.50 hr.
Designer or Technician (Non-Registered)	$36.00 hr.
Drafter or CADD Operator	$24.50 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$20.50 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 163.31 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %
4. Cost of 4-man survey crew per 8 hour day (if applicable) $ hr.
5. Other Direct Project Costs per Unit (please specify)

6. Estimated percentage of total fee to be performed by subconsultants 0 %
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.

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 24, 2019

Dow Peters III, President
PETERS AND YAFFEE, INC.
9822 Tapestry Park Circle, Suite 2015
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
3.2 - Major Highway Design
3.3 - Controlled Access Highway Design

Group 6 - Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies
6.2 - Traffic Signal Timing
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, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
179.06%	0.389%	Reimbursed	No	0.33%

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

Carliayn Kell
Professional Services
Qualification Administrator

Project Activity 22: Signalization Plans

Estimator:

0
0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name	Peters and Yaffee, Inc.	Russell Yaffee, PE, PTOE

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
22.1	Key Sheet		Sheet	1	4	1	4	1 Key Sheet Required
22.2	Summary of Pay Items Including Designer Interface (TRNS•Port) Input		Sheet	0	0	0	0	n/a
22.3	Tabulation of Quantities		Sheet	1	8	1	8	1 TOQ Sheet Reqiored
22.4	General Notes/Pay Item Notes		Sheet	1	6	1	6	1 GN Sheet Required
22.5	Plan Sheet		Sheet	6	4	6	24	6 Plan Sheet Required
22.6	Interconnect Plans		Sheet	0	0	0	0	n/a
22.7	Traffic Monitoring Site		EA	0	0	0	0	n/a
22.8	Guide Sign Worksheet		EA	2	1	1	2	Includes developing the guide sign worksheet for street name signs and/or importing the guide sign from a program to a plan sheet (Based on the number of guide signs, maximum 4 per sheet). 2 guide signs
22.9	Special Details		Sheet	2	8	2	16	2 Special Detail Sheets Required (Misc.Details and Ped Details)
22.10	Special Service Point Details		EA	0	0	0	0	n/a
22.11	Mast Arm/Monotube Tabulation Sheet		PI	2	1	1	2	2 hrs per intersection x 1 intersections = 2 hrs
22.12	Strain Pole Schedule		PI	0	0	1	0	n/a
22.13	TCP Signal (Temporary)		EA	0	0	0	0	n/a
22.14	Temporary Detection Sheet		PI	0	0	0	0	n/a
22.15	Utility Conflict Sheet		Sheet	1	8	1	8	1 UC Sheet Required
22.16	Interim Standards		LS	1	0		0	n/a
					Signalization Plans Technical Subtotal	15	70	
22.17	Quality Assurance/Quality Control		LS	%	5%		4	
22.18	Supervision		LS	%	5%		4	
					22. Signalization Plans Total	15	78	

EXHIBIT B

EXHIBIT B

on the APPENDIX B Morales Consulting Engineers, Inc.

prepared for: September 9, 2010

City of Jacksonville

Emerald Trail Model Mile

Pond Overlook Structure

DESIGN PHASE

WORK TASK	Principal	PM	Design ENG	Designer Technician	Drafter CADD	Clerical	TASK TOTALS
30% Plans							
Project Layout			6				6
General Notes and Bid Item Notes			4				4
Computation Book and Quantities			6				6
Cost Estimate			6				6
Superstructure			6				6
Substructure			6				6
Foundation			6				6
QA/QC		2					2
Coordination with other consultants		2					2
SUBTOTAL HOURS	0	4	40	0	0	0	44
RATE	$175.00	$150.00	$97.70	$64.91	$53.90	$45.15	
SUBTOTAL FEE	$0	$600	$3,908	$0	$0	$0	
SUBTOTAL							**$4,508**

WORK TASK	Principal	PM	Design ENG	Designer Technician	Drafter CADD	Clerical 0	TASK TOTALS
90% Plans							
Plans Update			8				8
General Notes			8				8
QA/QC		8					8
SUBTOTAL HOURS	0	8	16	0	0	0	24
RATE	$175.00	$150.00	$97.70	$64.91	$53.90	$45.15	
SUBTOTAL FEE	$0	$1,200	$1,563	$0	$0	$0	
SUBTOTAL							**$2,763**

WORK TASK	Principal	PM	Design ENG	Designer Technician	Drafter CADD	Clerical 0	TASK TOTALS
100% Plans							
Plans Update		2	8				10
SUBTOTAL HOURS	0	2	8	0	0	0	10
RATE	$175.00	$150.00	$97.70	$64.91	$53.90	$45.15	
SUBTOTAL FEE	$0	$300	$782	$0	$0	$0	
SUBTOTAL							**$1,082**

	0	14	64	0	0	0

TOTAL FEE FINAL DESIGN PHASE **$8,352.95**

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

March 27, 2019

Ed J. Morales Jr., President
MORALES CONSULTING ENGINEERS, INC.
3832-010 Baymeadows Road, Suite 132
Jacksonville, Florida 32217

Dear Mr. Morales:

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 4 - Highway Design - Bridges

4.1.1 - Miscellaneous Structures
4.1.2 - Minor Bridge Design

Group 5 - Bridge Inspection

5.1 - Conventional Bridge Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than $500,000.00. This status shall be valid until March 27, 2020 for contracting purposes.

On the basis of self-certification materials submitted, the rates listed below represent the costs the Department has accepted.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
136.65%	0.422%	Excluded	No	0.00%

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

Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT B

HADDAD ENGINEERING, INC.

September 24, 2019

Mr. Marty Child
POND
1300 Riverplace Blvd., Suite 210
Jacksonville, FL 32207

RE: Emerald Trail – Segment 1

Dear Marty,

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

Description:

- 1.3 Miles trail; S-Line at State St. from the North to Park St. and Stonewall St. to the South.
- Pedestrian/Bicycle lighting.
- Add lighting poles as required for security at trail.
- Empty conduits for surveillance cameras.

Engineering Services:

- Site investigations to determine existing lighting poles type and locations.
- Coordination with JEA for site power.
- Lighting levels calculations to include existing lighting poles and proposed new lighting poles.
- Electrical drawings; Site plans, lighting detail, power distribution, and diagrams.
- Electrical specifications.
- Meetings with Design Team and Owner.

Construction Administration:

- Review shop drawings.
- Respond to RFI's.
- (3) Site visits during construction.

Fees:

Electrical drawings.....	$13,356.76
Construction administration.....	~~$ 3,200.00~~ NIC
Total fees	$16,556.76

Please call me if you have any questions.

Sincerely,

Namir Haddad

Namir Haddad, P.E.
President

EXHIBIT B

Haddad Engineering, Inc.
Statement of Direct Labor, Fringe Benefits, and General Overhead
For the Year Ended December 31, 2018

Description	Total Costs Per General Ledger/Income Statement	Allowable Costs	Percentage of Total Allowable Indirect Costs	Percentage of Total Direct Labor Costs
Direct Labor	$727,165	$727,165	-	100.00%
INDIRECT COSTS				
Fringe Benefits:				
Paid Leave Expense	61,819	61,819	5.21%	8.50%
FICA Taxes Expense	69,765	69,765	5.87%	9.59%
Unemployment Taxes Expense	5,000	5,000	0.42%	0.69%
Employee-Bonus Expense	9,643	9,643	0.81%	1.33%
Group Insurance Expense	107,745	107,745	9.07%	14.82%
401(k) Employer-Match Expense	36,837	36,837	3.10%	5.07%
Workers' Compensation Expense	5,444	5,444	0.46%	0.75%
Total Fringe Benefits	$296,253	$296,253	24.95%	40.74%
General Overhead:				
Indirect Labor Expense	$536,190	$536,190	45.15%	73.74%
Rent Expense	87,532	87,532	7.37%	12.04%
Maintenance and Repairs Expense	13,955	13,955	1.18%	1.92%
Travel Expense	34,770	34,770	2.93%	4.78%
Insurance Expense	44,087	44,087	3.71%	6.06%
Telephone Expense	13,517	13,517	1.14%	1.86%
Utilities Expense	5,007	5,007	0.42%	0.69%
Taxes Expense	1,378	1,378	0.12%	0.19%
Depreciation Expense	43,726	43,726	3.68%	6.01%
Subscriptions and Memberships Expense	2,069	2,069	0.17%	0.28%
Advertising and Public Relations Expense	1,280	1,280	0.11%	0.18%
Employee Training and Recruitment Expense	2,429	2,429	0.20%	0.33%
Professional Fees Expense	9,376	9,376	0.79%	1.29%
Automotive Expense	16,565	16,565	1.39%	2.28%
Supplies and Miscellaneous Expenses	79,376	79,376	6.68%	10.92%
Total General Overhead	$891,257	$891,257	75.05%	122.57%
Total Indirect Costs	$1,187,510	$1,187,510	100.00%	163.31%

OVERHEAD RATES (expressed as a percentage of Direct Labor cost):

Overhead Rate Attributable to Fringe Benefits	40.74%
Overhead Rate Attributable to General Overhead	122.57%
Total Overhead Rate	163.31%

```
  QWS3270X   10/22/2019  10:44 AM
FAML6300 V5.1              **    NW COJ FAMIS PRODUCTION      **     10/22/2019
LINK TO:                    TRANSACTION DETAIL INQUIRY                 10:44 AM

DOCUMENT        -- POST PERIOD -- POST DATE  --------- POSTED BY --------- UNIT
BTPW19247A   13 08 2019 MAY  2019 05/31/2019 BASILIO, BELLA M.
-------------------------------------------------------------------------------
TRANS CODE       : 025   INCREASE IN APPROPRIATIONS
DOCUMENT REF     :                                                NOTEPAD : N
TRANS DESC.      : TO RECORD BT19-247, ORD. 2019-247
AMOUNT           :        149,153.31  DUE DATE   :            SINGLE CHECK :
VENDOR NUMBER    :
INDEX CODE       : RPCP32EF5720       PARKS/REC/ENTER CAPITAL PROJECTS (F5720)
SUBOBJECT        : 069505             DM-OTHER CONSTRUCTION COSTS
USER CODE        :
GRANT  / GR DTL  :
PROJ   / PJDTL   : PW0902 01          MODEL PROJECT
START DATE       :                    END DATE :
G/L    / SUBSID  :
BANK NO/ SUBSID  :
TREAS NUM        :
CURRENCY CODE    :     CONV DATE :              FRGN CURR AMT:
F1-HELP                                 F4-PRIOR     F5-NEXT
                          F9-LINK                    F11-NOTEPAD  F12-APPR HIST
G014 - RECORD FOUND
```

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 QWS3270X   10/22/2019  10:43 AM
FAML6300 V5.1              **    NW COJ FAMIS PRODUCTION      **     10/22/2019
LINK TO:                     TRANSACTION DETAIL INQUIRY                 10:43 AM

DOCUMENT        -- POST PERIOD -- POST DATE  --------- POSTED BY --------- UNIT
BTPW19247A   17 08 2019 MAY  2019 05/31/2019 BASILIO, BELLA M.
-------------------------------------------------------------------------------
TRANS CODE      : 025   INCREASE IN APPROPRIATIONS
DOCUMENT REF    :                                                 NOTEPAD : N
TRANS DESC.     : TO RECORD BT19-247, ORD. 2019-247
AMOUNT          :            548.61  DUE DATE   :            SINGLE CHECK :
VENDOR NUMBER   :
INDEX CODE      : PWGM141FYCP        S&H 5-YR RD PROGRAM-CAPITAL PROJECTS
SUBOBJECT       : 06505              OTHER CONSTRUCTION COSTS
USER CODE       :
GRANT  / GR DTL :
PROJ   / PJDTL  : PW0902 01          MODEL PROJECT
START DATE      :                    END DATE :
G/L    / SUBSID :
BANK NO/ SUBSID :
TREAS NUM       :
CURRENCY CODE   :     CONV DATE :              FRGN CURR AMT:
F1-HELP                              F4-PRIOR     F5-NEXT
                         F9-LINK                  F11-NOTEPAD  F12-APPR HIST
G014 - RECORD FOUND
```

```
  QWS3270X   10/22/2019  10:43 AM
FAML6300 V5.1              **    NW COJ FAMIS PRODUCTION      **     10/22/2019
LINK TO:                    TRANSACTION DETAIL INQUIRY                 10:43 AM

DOCUMENT        -- POST PERIOD -- POST DATE  --------- POSTED BY --------- UNIT
BTPW19247A   18 08 2019 MAY  2019 05/31/2019 BASILIO, BELLA M.
-------------------------------------------------------------------------------
TRANS CODE       : 025   INCREASE IN APPROPRIATIONS
DOCUMENT REF     :                                                NOTEPAD : N
TRANS DESC.      : TO RECORD BT19-247, ORD. 2019-247
AMOUNT           :        196,160.69  DUE DATE   :            SINGLE CHECK :
VENDOR NUMBER    :
INDEX CODE       : PWGM141FYCP        S&H 5-YR RD PROGRAM-CAPITAL PROJECTS
SUBOBJECT        : 06503              ENGINEERING/DESIGN
USER CODE        :
GRANT  / GR DTL  :
PROJ   / PJDTL   : PW0902 01          MODEL PROJECT
START DATE       :                    END DATE :
G/L    / SUBSID  :
BANK NO/ SUBSID  :
TREAS NUM        :
CURRENCY CODE    :     CONV DATE :             FRGN CURR AMT:
F1-HELP                              F4-PRIOR     F5-NEXT
                         F9-LINK                  F11-NOTEPAD  F12-APPR HIST
G014 - RECORD FOUND
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EXHIBIT B

Form 1 – SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONSULTANT Pond and Company

Proposal Number

Average hourly direct labor rates (without Fringe Benefits)	
Principal	$98.73 hr
Project Manager (Responsible Professional)	$47.00 hr
Senior Landscape Architect (Registered)	$54.38 hr
Landscape Architect (Non-Registered)	$30.28 hr
Senior Engineer (Registered)	$69.23 hr
Design Engineer (Registered)	$55.00 hr
Engineer Intern (Non-Registered)	$32.06 hr
Senior Design (Non-Registered)	$43.46 hr
Designer (Non-Registered)	$25.72 hr
Clerical (Typist, Word Processor, Document Assembly, etc.)	$30.84 hr
2. Total Overhead Rate (to be applied to Direct Labor:)	172 %
3. Profit Rate (to be applied to Direct Labor plus Overhead)	10 %
4. Cost of 3-man survey crew per hour (based on approved OH & profit)	
Cost of 4-man survey crew per hour (based on approved OH & profit)	$ hr
5. Other Direct Project Costs per Unit (please specify)	$ hr
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	%

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Haddad Engineering, Inc.

Proposal Number City of Jacksonville

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

Principal (Responsible Professional)	$79.32 hr.
Project Manager	$68.00 hr.
Architect (Registered)	$ hr.
Design Engineer (Registered)	$44.50 hr.
Designer or Technician (Non-Registered)	$36.00 hr.
Drafter or CADD Operator	$24.50 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$20.50 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 163.31 %
3. Profit Rate (to be applied to Direct Labor plus Overhead) 10 %
4. Cost of 4-man survey crew per 8 hour day (If applicable) $ hr.
5. Other Direct Project Costs per Unit (please specify)

6. Estimated percentage of total fee to be performed by subconsultants 0 %
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.

Haddad Engineering, Inc.
Statement of Direct Labor, Fringe Benefits, and General Overhead
For the Year Ended December 31, 2018

Description	Total Costs Per General Ledger/Income Statement	Allowable Costs	Percentage of Total Allowable Indirect Costs	Percentage of Total Direct Labor Costs
Direct Labor	$727,165	$727,165	-	100.00%
INDIRECT COSTS				
Fringe Benefits:				
Paid Leave Expense	61,819	61,819	5.21%	8.50%
FICA Taxes Expense	69,765	69,765	5.87%	9.59%
Unemployment Taxes Expense	5,000	5,000	0.42%	0.69%
Employee-Bonus Expense	9,643	9,643	0.81%	1.33%
Group Insurance Expense	107,745	107,745	9.07%	14.82%
401(k) Employer-Match Expense	36,837	36,837	3.10%	5.07%
Workers' Compensation Expense	5,444	5,444	0.46%	0.75%
Total Fringe Benefits	$296,253	$296,253	24.95%	40.74%
General Overhead:				
Indirect Labor Expense	$536,190	$536,190	45.15%	73.74%
Rent Expense	87,532	87,532	7.37%	12.04%
Maintenance and Repairs Expense	13,955	13,955	1.18%	1.92%
Travel Expense	34,770	34,770	2.93%	4.78%
Insurance Expense	44,087	44,087	3.71%	6.06%
Telephone Expense	13,517	13,517	1.14%	1.86%
Utilities Expense	5,007	5,007	0.42%	0.69%
Taxes Expense	1,378	1,378	0.12%	0.19%
Depreciation Expense	43,726	43,726	3.68%	6.01%
Subscriptions and Memberships Expense	2,069	2,069	0.17%	0.28%
Advertising and Public Relations Expense	1,280	1,280	0.11%	0.18%
Employee Training and Recruitment Expense	2,429	2,429	0.20%	0.33%
Professional Fees Expense	9,376	9,376	0.79%	1.29%
Automotive Expense	16,565	16,565	1.39%	2.28%
Supplies and Miscellaneous Expenses	79,376	79,376	6.68%	10.92%
Total General Overhead	$891,257	$891,257	75.05%	122.57%
Total Indirect Costs	$1,187,510	$1,187,510	100.00%	163.31%

OVERHEAD RATES (expressed as a percentage of Direct Labor cost):

Overhead Rate Attributable to Fringe Benefits	40.74%
Overhead Rate Attributable to General Overhead	122.57%
Total Overhead Rate	163.31%