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.

September 6, 2019

09/19/19 16:09:18
Procurement Division

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

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

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

Steven D. Long, Jr., P.E.
Chief, Right-of-Way and Stormwater Management

SUBJECT: P-16-19 Professional Structural Engineering Services

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

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

RGS/lw

Attachments: Exhibits A & B
JSEB Participation

cc: Lori A. West, Engineering Contract Specialist

ab

EXHIBIT A

STV 100 Years

J. Keith Jackson
STV Incorporated
5200 Belfort Road, Suite 400
Jacksonville, FL 32256
904-730-9777

August 26, 2019

Gary J. Goldsberry, P.E.
Engineering Design Section
City of Jacksonville Public Works
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8709

Subject: COJ P-16-19 Professional Structural Engineering Services - Annual Contract Scope of Services

Dear Mr. Goldsberry,

Based upon Request for Qualifications P-16-19 we understand the Scope of Services for this contract is to provide professional structural engineering services to assist in the management of the City's Bridge Maintenance program and prepare plans for structural repairs and construction.

Projects and required completion dates will be specified and itemized on separate Purchase Orders issued throughout the period of the contract. In general, each project will be independent of other projects and shall constitute a separate negotiated agreement. Services required under this contract may include the following:

- Assisting in the management of the City's Bridge Maintenance Program under supervision of the City's Project Manager.
- Reviewing FDOT Bridge Inspection/Condition Reports
- Assisting in cost estimating and prioritizing recommended/required structural repairs
- Identifying repairs that can be performed under an existing City Contract.
- Site inspections with City personnel, Consultants and/or Contractors to review proposed repairs and determine the methods, materials and work effort required to bring the structure into compliance with current standards.
- Preparing plans and specifications for the repair or replacement of bridges and other City maintained structures.

- Reviewing/negotiating contractor scopes and costs for the required repairs and submitting to City's Project Manager for final approval and issuance of the Purchase Order to the Contractor.
- Reviewing structural designs prepared by Design/Build Contractors.
- Participating in Preconstruction and Construction Progress Meetings.
- Answering Contractor questions.
- Inspecting Contractor's work to ensure full compliance with Contract specifications.
- Reviewing Contractor's Progress Reports and Progress Payments.
- Recommending Payment of Contractor's invoices
- Performing final inspection and approval of repairs and, if applicable, as-builts.
- Review of structural plan submittals from consultants and contractors, preparation of Bid/Construction documents to include plans, specifications, and cost estimates for other City projects other than bridges.

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

- The City's Master Storm Water Management Plan
- The City's Land Development Procedures Manual
- Manual on Uniform Traffic Control Devices
- FDOT Minimum Standards for Design, Construction and Maintenance of Streets and Highways
- FDOT Structures Manual (Current Edition) and appropriate Structures Design Bulletins
- FDOT Soils and Foundations Handbook (Current Edition)
- Florida's Design Criteria for Resurfacing, Restoration and Rehabilitation (RRR) of Streets and Highways
- FDOT Design Standard Plans

When applicable, services will result in all drawings, specifications, and other documents needed for the City to acquire any necessary land or easements, adjust utilities and make connections thereto, seek bids, obtain permits, and contract for construction of each project. Preparation of presentation materials illustrating concepts, participation in public meetings to obtain citizen input, and modification of each design may be required.

At the City's discretion, services on each project may be in several phases including: Study/Conceptual Design (including master planning), Final Design, and Post Design

Services, with separate negotiations and fees for each phase. At the City's option upon completion of each phase, services may be extended to include the next phase after negotiation of mutually satisfactory terms.

STV looks forward to working with the City on this important contract.

If you have any questions or concerns, please feel free to reach out to me.

Sincerely,

J. Keith Jackson, P.E.
Associate
Engineering Director, Transportation & Infrastructure Florida

RFP No. P-16-19
Professional Structural Engineering Services – Annual Contract
Project Team and Roles

Sub Consultant	Team Role
Terracon Consultants, Inc.	Geotechnical Engineering
Meskel & Associates Engineering, LLC	Geotechnical Engineering (JSEB)
DRMP, Inc.	Survey/SUE/ROW Mapping
Environmental Resource Solutions, a division of SES Energy Services LLC	Environmental Permitting (JSEB)
Peters and Yaffee, Inc.	Traffic & Signalization Engineering (JSEB)
Taylor Engineering, Inc.	Coastal/Tidal Hydraulic Engineering
Osiris 9 Consulting, LLC	PD&E/Planning/Public Involvement

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR STV Incorporated

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional)	$ 74.79 hr.
Architect (Registered)	$ _____ hr.
Design Engineer (Registered)	$ 37.37 hr.
Designer or Technician (Non-Registered)	$ 44.62 hr.
Drafter or CADD Operator	$ 32.63 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 24.38 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) $ N/A hr.

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

N/A

6. Estimated percentage of total fee to be performed by subconsultants N/A %

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

Chief Engineer: $86.31

Principal: $107.08

Senior Engineer: $66.45

Engineering Intern: $30.82

EXHIBIT B

SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR: DRMP, INC.

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Principal Manager (Partner or Senior Officer) (5% Max)	$ 75.08 / $206.47 hr.
Project Manager (Responsible Professional)	$ 55.29 / $152.05 hr.
Survey Technician (Non-Registered)	$ 30.00 / $82.80 hr.
Party Chief	$ 26.71 / $73.45 hr.
Instrument Person	$ 17.77 / $48.85 hr.
Rod Person	$ 16.50 / $45.36 hr.
Contract Coordinator (Typist, Word Processor, Document Assembly, etc.)	$ 31.46 / $86.52 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 2-person survey crew per 8-hour day (If applicable) $ 123.02 hr.
5. Cost of 3-person survey crew per 8-hour day (If applicable) $ 168.38 hr.
6. Cost of 4-person survey crew per 8-hour day (If applicable) $ 217.65 hr.
7. Other Direct Project Costs per Unit (please specify)

Subsurface Utility Engineering Hourly Rates

(Based on loaded rates at 150% Overhead and 10% Profit)

➢ Senior SUE Technician	$ 92.54
➢ 2-Person Utility Designated/Locate Crew	$167.75
➢ 3-Person Vacuum Excavation SUE Crew	$233.75
➢ 4-Person Vacuum Excavation SUE Crew	$299.75
➢ SUE Project Manager	$147.15
➢ Mobile Survey Operator	$ 66.00

Subsurface Utility Engineering (Replacement Materials)

➢ Bag of Concrete	$5.00/each
➢ Bag of Asphalt	$14.00/each

Maintenance of Traffic (MOT) if required

➢ Lane Closures	$450 (Per setup)
➢ Lane Closures with Flaggers (2-lane/2-way)	$150 (Per hour)
➢ Equipment Rental	$200 (Equipment)

8. Estimated percentage of total fee to be performed by subconsultants_____%

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

_____

_____

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Form 1- SCHEDULE OF Proposed PRICE/RATES

EXHIBIT B

SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR **Environmental Resource Solutions**

Proposal Number **P-16-19 Professional Structural Engineering Services - Annual Contract**

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

Project Manager (Responsible Professional) (12% Max)	$ 84.13	hr.
Sr. Env. Scientist II	$ 53.30	hr.
Sr. Env. Scientist III	$ 48.08	hr.
Environmental Scientist I	$ 43.43	hr.
Environmental Scientist II	$ 40.56	hr.
Environmental Scientist IV	$ 32.93	hr.
Environmental Technician I	$ 25.00	hr.
Environmental Technician II	$ 20.14	hr.
Environmental Technician III	$ 18.27	hr.
GIS Specialist	$ 29.81	hr.
CADD/Drafter	$ 25.00	hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 19.60	hr.

2. Total Overhead Rate (to be applied to Direct Labor:) **161.79** %

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 _____ %

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

Charlie Cruz Received 6/19/19

From: Owens, Jeffrey <Jeffrey.Owens@dot.state.fl.us>
Sent: Wednesday, June 19, 2019 2:08 PM
To: Kell, Carliayn; Walls, Kelly
Cc: Cook, Jon; Charlie Cruz
Subject: Environmental Resource Solutions, Inc. - approval memo for Self-Certification rates - FYE 12/31/18

FDOT

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

This Office has completed a review of the self-certification information submitted by Environmental Resource Solutions, Inc. for the period ending December 31, 2018. The rates we have accepted are listed below. There were unallowable costs, per FAR 31.205 (Marketing) that were removed from the overhead rate calculation. The Direct Expense Rate is limited to the department cap. **If this Company is prequalified in a work type, the expiration date should coincide with the prequalification expiration date.**

REVIEW OF SELF-CERTIFICATION

CONSULTANT NAME	Environmental Resource Solutions, Inc.	*F/Y Ended*	12/31/18	*Rate Expiration Date*	6/30/20
CPA'S NAME	Self-Certification	*DATE OF RECEIPT*	6/19/19	*Cert. DATE*	6/19/19

REPORT STATUS

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

COST BASED RATES

OVERHEAD		DIRECT EXPENSE			
Home	*Field*	*Home*	*Field*	*FCCM*	*Published Fee Schedule*
161.79%		8.11% *Capped*		0.000%	NO

Jeffrey B. Owens
Procurement Office

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR MESKEL & ASSOCIATES ENGINEERING

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional)	$ 48.07 hr.
Architect (Registered)	$ -- hr.
Design Engineer (Registered)	$ -- hr.
Designer or Technician (Non-Registered)	$ -- hr.
Drafter or CADD Operator	$ 24.50 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 22.00 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 175 %

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)

N/A

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

SEE MAE RELEVANT RATES ATTACHED

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

July 22, 2019

Anoinette Meskel, President
MESKEL & ASSOCIATES ENGINEERING, PLLC
8936 Western Way, Suite 12
Jacksonville, Florida 32256

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

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, 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	Published Fee Schedule
246.83%	138.60%	0.398%	Reimbursed	No	1.40%	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

Carliayn Kell
Professional Services
Qualification Administrator

EXHIBIT B

MESKEL ASSOCIATES ENGINEERING

Personnel Classification	MAE Hourly Rates	Home Office Overhead	Partially Loaded Billable Rate	PROFIT	Loaded Billable Rate
Principal, P.E.	$ 57.07	175.00%	$ 156.94	10.00%	**$ 172.64**
Project Manager, P.E., P.G.	$ 48.07	175.00%	$ 132.19	10.00%	**$ 145.41**
Staff Engineer, E.I.	$ 30.40	175.00%	$ 83.60	10.00%	**$ 91.96**
Drafter	$ 24.50	175.00%	$ 67.38	10.00%	**$ 74.11**
Senior Field Inspector	$ 30.25	175.00%	$ 83.19	10.00%	**$ 91.51**
Field Inspector	$ 20.50	175.00%	$ 56.38	10.00%	**$ 62.01**
Clerical	$ 22.00	175.00%	$ 60.50	10.00%	**$ 66.55**

TEN YEARS 10

MAE

Meskel & Associates Engineering

Geotechnical • Environmental

Inspection • Testing

2019-2020 FEE SCHEDULE
MESKEL & ASSOCIATES ENGINEERING

ITEM	UNIT	RATE
204-Asphalt Gradation FM 1-T030	Test	$60.00
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	$60.00
210-Asphalt Pvmt. Coring – 4" dia without Base Depth Check	Each	$60.00
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	$65.00
212-Asphalt Pvmnt Coring – 6" dia without Base Depth Check	Each	$65.00
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	$20.00
305-Concrete Pavement Coring - 4" Dia	Each	$125.00
306-Concrete Pavement Coring - 6" Dia	Each	$110.00
401-Geo Auger Borings-H& & Truck/Mud Bug	LF	$10.00
402-Geo Auger Borings-Track	LF	$12.00
415-Geo Double Ring Infiltration ASTM D3385	Each	$450.00
418-Geo Drill Crew Support Vehicle	Day	$130.00
419-Geo Drilling Crew 2-Person	Hour	$150.00
420-Geo Drilling Crew 3-Person	Hour	$210.00
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	$30.00
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	$35.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	$40.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	$45.00
432-Geo Field Permeability 0-10 Ft Open-End Borehole Method	Each	$325.00
433-Geo Field Permeability 10-25 Ft Open-End Borehole Method	Each	$375.00
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	$5.75
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	$6.75
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	$7.75
446-Geo H& Auger with DCP (0-50 ft) ASTM D1452	LF	$15.00
447-Geo H& Auger with SCP (0-50 ft) ASTM D1453	LF	$17.50
450-Geo Piezometer 2" 0-50 Ft	LF	$22.50
463-Geo Rock Coring Truck/Mud Bug 0-50 Ft less than 4" ID	LF	$37.00
465-Geo Rock Coring Truck/Mud Bug 50-100 Ft less than 4" ID	LF	$42.00
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	$45.00
478-Geo SPT Truck/Mud Bug 0-50 Ft	LF	$12.50
479-Geo SPT Truck/Mud Bug 50-100 Ft	LF	$15.00
480-Geo SPT Truck/Mud Bug 100-150 Ft	LF	$18.75
481-Geo SPT Truck/Mud Bug 150-200 Ft	LF	$23.00
482-Geo SPT Truck/Mud Bug 200-250 Ft	LF	$28.25

2019-2020 FEE SCHEDULE
MESKEL & ASSOCIATES ENGINEERING

ITEM	UNIT	RATE
488-Geo Temp Casing 3" Truck/Mud Bug 0-50 Ft	LF	$8.50
489-Geo Temp Casing 3" Truck/Mud Bug 50-100 Ft	LF	$9.50
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	$11.50
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	$13.15
498-Geo Temp Casing 4" Truck/Mud Bug 0-50 Ft	LF	$9.25
499-Geo Temp Casing 4" Truck/Mud Bug 50-100 Ft	LF	$10.25
500-Geo Temp Casing 4" Truck/Mud Bug 100-150 Ft	LF	$11.25
501-Geo Temp Casing 4" Truck/Mud Bug 150-200 Ft	LF	$12.75
514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	$465.00
519-Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	$115.00
520-Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	$125.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	$135.00
619-Mobilization Tri-Pod	Each	$550.00
708-MOT Provide Channelizing Devices – Cone	Each	$1.00
712-MOT Support Vehicle	Hour	$50.00
809-Soils Hydrometer Only AASHTO T88	Test	$115.00
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	$275.00
811-Soils Liquid Limit AASHTO T89	Test	$45.00
812-Soils Materials Finer than 200 Sieve FM 1-T011	Test	$35.00
817-Soils Moisture Content Laboratory AASHTO T265	Test	$15.00
819-Soils Organic Content Ignition FM 1 T-267	Test	$35.00
821-Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	Test	$154.00
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	$55.00
826-Soils Plastic Limit & Plasticity Index AASHTO T90	Test	$48.50
827-Soils Proctor Modified FM 1-T180	Test	$110.00
828-Soils Proctor Standard AASHTO T99	Test	$100.00
831-Soils Specific Gravity AASHTO T100	Test	$65.00
838-Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	$125.00
839-Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	Test	$100.00
Geo Extra SPT Samples- Tri-pod 0-50 Ft	Each	$36.00
Geo Grout Boreholes- Tri-pod 0-50 Ft	LF	$6.75
Geo SPT Tri-pod 0-50 Ft	LF	$26.50

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Osiris 9 Consulting LLC

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional)	$75.00 hr.
Architect (Registered)	NA
Design Engineer (Registered)	$56.97 hr.
Designer or Technician (Non-Registered)	$25.51 hr.
Drafter or CADD Operator	$25.00 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	NA

2. Total Overhead Rate (to be applied to Direct Labor:) 176.39%
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) NA
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 _____

Principal Engineer - $88.25/hr (5% Max)

Public Involvement Specialist - $60.00/hr

Senior Planner - $38.08/hr

Design Intern - $15.00/hr

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 27, 2019

Imran Ghani, President
OSIRIS 9 CONSULTING, LLC
10199 Southside Boulevard, Suite 104
Jacksonville, Florida 32256

Dear Mr. Ghani:

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

Group 6 -Traffic Engineering and Operations Studies

6.1 - Traffic Engineering Studies

Group 7 - Traffic Operations Design

7.1 - Signing, Pavement Marking and Channelization
7.3 - Signalization

Group 13 - Planning

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

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

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
176.39%	0.938%	Reimbursed	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

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Peters & Yaffee

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional)	$ 69.89 hr.
Architect (Registered)	$ n/a hr.
Design Engineer (Registered)	$ 38.63 hr.
Designer or Technician (Non-Registered)	$ 28.82 hr.
Drafter or CADD Operator	$ n/a hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 24.48 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 179.06 %

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) $ n/a 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

Principal ($ 87.21) (5% Max)

Senior Engineer ($ 68.75)

Engineering Intern ($ 34.18)

Designer Associate ($ 16.00)

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P
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

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Taylor Engineering, Inc.

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional)	$ 58.31 hr.
Architect (Registered)	$ _____ hr.
Design Engineer (Registered)	$ 58.31 hr.
Designer or Technician (Non-Registered)	$ 34.14 hr.
Drafter or CADD Operator	$ 45.81 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 24.04 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 175 %

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)

Sediment grains size analysis, $75 per sample

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

TAYLOR ENGINEER, INC.

STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD

FOR THE YEAR ENDED DECEMBER 31, 2018

EXHIBIT B

TABLE OF CONTENTS

	Page No.
INDEPENDENT AUDITOR'S REPORT	1
FINANCIAL STATEMENT	
Statement of Direct Labor, Fringe Benefits, and General Overhead	3
Description of FAR References and Audit Adjustments	4
Notes to the Statement of Direct Labor, Fringe Benefits, and General Overhead	5
REPORT ON INTERNAL CONTROLS	10

Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT ON THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD

Board of Directors and Stockholders
Taylor Engineer, Inc.

Report on the Statement of Direct Labor, Fringe Benefits, and General Overhead
We have audited the accompanying Statement of Direct Labor, Fringe Benefits, and General Overhead (hereinafter referred to as "the Statement") of Taylor Engineer, Inc. for the year ended December 31, 2018 and the related notes to the Statement.

Management's Responsibility for the Statement
Management is responsible for the preparation and fair presentation of the Statement in accordance with the basis of accounting practices prescribed by Part 31 of the Federal Acquisition Regulation (FAR). Management is also responsible for the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of the Statement that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility
Our responsibility is to express an opinion on the Statement based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the financial audit standards contained in *Government Auditing Standards* issued by the Comptroller General of the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the Statement is free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Statement. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the Company's preparation of the Statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal controls. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the Statement.

We believe the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion
In our opinion, the Statement referred to above presents fairly, in all material respects, the direct labor, fringe benefits, and general overhead of the Company for the year ended December 31, 2018 on the basis of accounting described in Note B.

Basis of Accounting
We draw attention to Note B, which describes the basis of accounting. As described in Note B, the Statement is prepared by the Company on the basis of accounting prescribed by Part 31 of the Federal Acquisition Regulation (FAR), which is the basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Restriction on Use
Our report is intended solely for the information and the use of Taylor Engineer, Inc. and government agencies or other customers related to contracts employing the Federal Acquisition Regulation cost principles and is not intended and should not be used by anyone other than these specified parties.

Other Reporting Required by Government Auditing Standards
In accordance with *Government Auditing Standards,* we have issued a report dated June 12, 2019, on our consideration of the Company's internal controls over financial reporting as it relates to the Statement and on our tests of its compliance with certain provisions of laws, regulations and contracts, including provisions of the applicable sections of Part 31 of the Federal Acquisition Regulation. The purpose of that report is to describe the scope of our testing of internal controls over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal controls over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Taylor Engineer, Inc.'s internal controls over financial reporting and compliance.

T. Wayne Owens & Associates, PC

Lawrenceville, GA
June 12, 2019

EXHIBIT B

TAYLOR ENGINEER, INC.
STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

Description	Financial Statement Expense	Unallowable Costs	FAR Ref	Total Proposed	% of Direct Labor
Direct Labor	$ 2,821,213	$ -		$ 2,821,213	
INDIRECT COSTS					
Fringe Benefits:					
Holiday	$ 158,172	$ -		$ 158,172	
Paid time off	449,694	-		449,694	
Payroll taxes	387,990	(3,105)	(1)	384,885	
Retirement plan contributions	248,271	-		248,271	
Incentive compensation	684,915	-		684,915	
Employee group insurance	364,929	-		364,929	
Worker's compensation	12,171	-		12,171	
Other employee benefits	53,264	(6,956)	(2)(3)	46,308	
Total Fringe Benefits	$ 2,359,406	$ (10,061)		$ 2,349,345	83.27%
General Overhead:					
Indirect labor	$ 1,458,290	$ (46,279)	(4)(5)	$ 1,412,011	
Auto expense	54,606	(35,260)	(6)	19,346	
Bad debt	17,272	(17,272)	(7)	-	
Bank charges	1,484	-		1,484	
Bid and proposal	11,944	(1,803)	(8)(9)	10,141	
Business development	124,733	(88,295)	(3)(4)(9)(10)	36,438	
Computer expenses	246,224	-		246,224	
Contributions	37,789	(37,789)	(11)	-	
Depreciation and amortization	274,895	(74,386)	(12)	200,509	
Equipment rental	50,571	-		50,571	
Insurance	126,123	(838)	(13)	125,285	
Interest expense	14,088	(14,088)	(14)	-	
Meals and entertainment	91,631	(63,500)	(2)(3)(9)(10)	28,131	
Membership dues/publications/licenses	60,293	(22,503)	(15)	37,790	
Office supplies	48,256	(2,455)	(2)	45,801	
Postage/shipping/delivery	3,079	-		3,079	
Professional fees	57,865	(2,581)	(9)	55,284	
Recruiting	57,515	(298)	(9)	57,217	
Rent/utilities	692,913	-		692,913	
Repairs and maintenance	23,473	-		23,473	
Taxes	112,335	(83,635)	(16)	28,700	
Telephone/communications	39,123	-		39,123	
Training and seminars	120,708	(4,088)	(9)(10)	116,620	
Travel	38,484	(12,461)	(8)	26,023	
Direct expense recovery	(20,460)	-		(20,460)	
Total General Overhead	$ 3,743,234	$ (507,531)		$ 3,235,703	114.69%
Total Indirect Costs	$ 6,102,640	$ (517,592)		$ 5,585,048	197.96%
Facilities Capital Cost of Money (FCCM)				$ 16,519	0.59%

See accompanying independent auditor's report and notes.

TAYLOR ENGINEER, INC.
DESCRIPTION OF FAR REFERENCES AND AUDIT ADJUSTMENTS
FOR THE YEAR ENDED DECEMBER 31, 2018

(1)	31.201-6 (a)	Accounting for unallowable costs - When an unallowable cost is incurred, its directly associated costs are also unallowable.
(2)	31.205-13 (b)	Employee morale, health, welfare, food service, and dormitory costs and credits - Costs of gifts are unallowable.
(3)	31.205-14	Entertainment costs - Costs of amusement, diversions, social activities, and any directly associated costs such as tickets to shows or sports events, meals, lodging, rentals, transportation, and gratuities are unallowable.
(4)	31.205-1 (f)	Public relations and advertising costs - Public relations and advertising costs designed to call favorable attention to the contractor and its activities is unallowable.
(5)	31.205-6 (b) (2)	Compensation for personal services - Compensation in excess of amounts determined to be reasonable are unallowable.
(6)	31.205-6 (m) (2)	Compensation for personal services - That portion of the cost of company-furnished automobiles that relates to personal use by employees (including transportation to and from work) is unallowable regardless of whether the cost is reported as taxable income to the employees.
(7)	31.205-3	Bad debts - Bad debts, including actual or estimated losses arising from uncollectible accounts receivable due from customers and other claims, and any directly associated costs such as collection costs, and legal costs are unallowable.
(8)	31.205-46 (a)	Travel costs - Costs that exceed, on a daily basis, the maximum per diem rates in effect at the time of travel as set forth in the Federal Travel Regulations are unallowable.
(9)	31.201-2(d)	Determining allowability - Costs not supported with documentation are unallowable.
(10)	31.205-51	Costs of alcoholic beverages - Costs of alcoholic beverages are unallowable.
(11)	31.205-8	Contributions or donations - Contributions or donations are unallowable.
(12)	31.205-49	Goodwill - an unidentifiable intangible asset, originates under the purchase method of accounting for a business combination when the price paid by the acquiring company exceeds the sum of the identifiable individual assets acquired less liabilities assumed, based upon their fair values. The excess is commonly referred to as goodwill. Goodwill may arise from the acquisition of a company as a whole or a portion thereof. Any costs for amortization, expensing, write-off, or write-down of goodwill (however represented) are unallowable.
(13)	31.201-2 (d)	Determining allowability - Accounting for costs for another period are unallowable.
(14)	31.205-20	Interest and other financial costs - Interest on borrowings (however represented) are unallowable.
(15)	31.205-22 (a) (1)	Lobbying and political activity costs - Costs associated with attempts to influence the outcomes of any Federal, State, or local election, referendum, initiative, or similar procedure, through in kind or cash contributions, endorsements, publicity, or similar activities are unallowable.
(16)	31.205-41 (b) (7)	Taxes - Income tax accruals designed to account for the tax effects of differences between taxable income and pretax income as reflected by the books of account and financial statements are unallowable.

See accompanying independent auditor's report and notes.

TAYLOR ENGINEER, INC.
NOTES TO THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

NOTE A - DESCRIPTION OF THE COMPANY

Taylor Engineer, Inc. (the "Company") provides engineering services in the United States, Puerto Rico, and South America. The Company's services include beach and inlet management, dredging, environmental restoration and permitting, federal project planning and programming, infrastructure flood risk management, natural resource assessments, storm water solutions, water resources management, and waterway and marine structures; and environmental, coastal, civil, and structural engineering services for the design, development, and construction of new marinas, docks, and pier projects, as well as observation, assessment, evaluation, and renovation design services for existing facilities.

The Company serves commercial/private, local, state, and federal government clients. The Company, a Florida corporation, was founded on September 3, 1987, and is organized under Chapter C of the Internal Revenue Code. The Company has offices in Jacksonville (headquarters), Destin, Sarasota, and Tampa, Florida with approximately 57 total employees.

Revenues are derived from billings for services and other reimbursable expenses. Approximately, 31%, 32%, 28% and 9% of revenues are derived from local government, federal government, state government, and commercial/private, respectively. Revenues are recognized on contracts as costs are incurred.

NOTE B - BASIS OF ACCOUNTING

The Company's Statement of Direct Labor, Fringe Benefits, and General Overhead (the "Statement") was prepared on the basis of accounting practices prescribed by Part 31 of the Federal Acquisition Regulation (FAR) and certain other Federal regulations (i.e. Federal Travel Regulation). Accordingly, the Statement is not intended to present the results of operations of the Company in conformity with accounting principles generally accepted in the United States of America.

The preparation of this Statement requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Actual results could differ from those estimates and assumptions.

NOTE C - DESCRIPTION OF ACCOUNTING POLICIES

The Company's financial accounting system is maintained on the accrual basis and the cash basis is used for income tax reporting purposes.

The Company maintains an integrated job order cost accounting system for recording and accumulating costs incurred under its contracts wherein contracts and subcontracts are assigned individual project numbers. Direct costs are coded to the corresponding project number so that they may be segregated and accumulated in the Company's job order cost accounting system. The Company identifies a cost as a direct cost if it can be specifically identified with a particular final cost objective, i.e. a project related cost. It is irrelevant whether or not the costs are actually billed. Direct costs are not included in the overhead pool and direct accounts have been established in the Company's general ledger.

The Company considers a cost to be an indirect cost if the cost is not directly identified with a single, final cost objective, but is identified with two or more final cost objectives or an intermediate cost objective.

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

TAYLOR ENGINEER, INC.
NOTES TO THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

NOTE D - DESCRIPTION OF OVERHEAD RATE STRUCTURE

The Company has a company-wide reporting unit.

All costs are allocated based on direct labor. The direct labor base includes all salaries and wages and the premium portion of overtime specifically identified with a project except compensated personal absence (holidays, vacations, sick leave and excused absence).

Fringe benefits include costs for compensated personal absence, payroll taxes, insurance, group insurance and other personnel related costs.

The Company does not maintain or calculate a Field Office Overhead Rate.

Other Direct Costs (ODC) are consistently charged to projects, regardless of whether the ODCs are billable under the contracts. ODCs that are charged to projects include but are not limited to subconsultants, permits, travel, meals, materials/supplies, postage/shipping/delivery, equipment rental, and reproduction.

NOTE E - DESCRIPTION OF LABOR RELATED COSTS

Project Labor

The Company charged labor to all projects using standard hourly rates.

Variance

Variances are recorded in the accounting system when payroll is processed. A variance occurs when an employee works more or less than 40 hours during a week.

Paid Time Off

Employees earn paid time off (PTO) away from work. Employees may use this time for vacation, personal time, personal illness, or time off to care for dependents. Employees do not earn PTO while on unpaid leave or while receiving short- or long-term disability benefits. PTO accrues on the following schedule:

	Annual accrual in weeks			
Years of Service	**Band A**	**Band B**	**Band C**	**Band D**
0-5	3	4	4.5	6
5-10	4	4.5	5	
10-15	5	5	5.5	
15-20	5.5	5.5	6	
20+	6	6		

- **Band A** - Accounting 1 & 2, Administrative 1 & 2, CAD 1 & 2, Engineer 1 – 4, Finance 1 & 2, GIS 1 & 2, HR 1 & 2, IT 1 & 2, Marketing 1 & 2, Scientist 1 & 2.
- **Band B** - Accounting 3, Administrative 3, CAD 3, Engineer 5 & 6, Finance 3, GIS 3 & 4, GISP 3 & 4, HR 3, IT 3, Marketing 3, Scientist 3 & 4
- **Band C** - Accounting 4, Administrative 4, CAD 4, Engineer 7 & 8, Finance 4, GIS 5, HR 4, IT 4, Marketing 4, Scientist 5
- **Band D** - Officer

TAYLOR ENGINEER, INC.
NOTES TO THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

NOTE E - DESCRIPTION OF LABOR RELATED COSTS (Continued)

The Company may authorize the sell-back of unused PTO each year. Employees may request to sell back some of their accrued PTO hours. Selling back hours entitles employees to forfeit accrued PTO hours in exchange for compensation at the employee's current hourly rate. Employees may sell back between one and two weeks of PTO each year sell-back is authorized.

Comp Time - The Company does not have a comp time policy.

Paid Overtime and Uncompensated Overtime

Premium Overtime - Costs are incurred in meeting certain deadlines. Hourly employees are compensated for overtime via a cash payment equal to time and a half (premium portion) for all hours worked in excess of 40 per week. The premium portion of paid overtime is included in direct labor if specifically identified to a project; otherwise it is recorded in the indirect cost pool.

Uncompensated Overtime - The Company does not pay salaried employees for time worked in excess of 40 hours per week. The Company uses the hours proration method for accounting for uncompensated overtime, a proration of pay period hours worked to the number of normal hours in the pay period. Under this method, the total hours worked are prorated to a 40-hour week.

Highly Compensated Executives

The Company performed an analysis of executive compensation in accordance with Chapter 7 of the AASHTO Audit Guide. The analysis included an examination of the activities performed by Company executives, and the forms of compensation paid to executives. A total of $46,597 was eliminated from overhead related to personal use of company vehicles, marketing/entertainment, and acquisition.

The Company did not pay compensation in excess of the Section 702 limit of $525,000 in the Bipartisan Budget Act of 2013. Additionally, the Company did not pay compensation to senior executives in excess of the FAR 31.205-6 (p) limit of $1,144,888 for FY 2018.

Reasonable Compensation Levels

The Company uses compensation survey data from the National Compensation Matrix (NCM). Executive compensation in excess of the reasonable compensation levels was identified. Therefore, $3,930 was removed from the overhead pool.

Pension Plan

The Company operates a 401(k) plan, meeting the requirements of FAR 31.205-6 (j), to which it does make a matching contribution. In addition, the Company has a defined contribution profit sharing plan, meeting the requirements of FAR 31.205-6 (k) (1), which covers all employees who meet certain minimum requirements. The Company's contributions included in the overhead pool amounted to $121,271.

The Company also has an Employee Stock Ownership Plan (ESOP) which covers all eligible employees. The Company's contributions included in the overhead pool amounted to $127,000.

Contract Labor

The Company uses contract labor for engineering related services, and bills this labor as other direct costs.

TAYLOR ENGINEER, INC.
NOTES TO THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

NOTE F - DESCRIPTION OF DEPRECIATION/LEASING POLICIES

Certain assets are purchased and depreciated while others are leased and considered operating leases. The annual lease costs are included in the overhead pool. The depreciation reflected on the Company's Statement differs from the acceptable depreciation for Federal income tax purposes. The amounts included in the overhead pool are stated in a manner consistent with the Company's depreciation policies and do not exceed the amounts reflected in the Statement; the amounts included in the Statement are allowable under FAR 31.205-11(c).

NOTE G - FACILITIES CAPITAL COST OF MONEY

The cost-of-money rate has been calculated in accordance with FAR 31.205-10, using average net book values of equipment and facilities multiplied by the prompt payment act rate for the applicable period. Equipment and facilities include furniture and fixtures, computer equipment, vehicles, and leasehold improvements. The calculation was made as follows:

Net book value of assets - prior year	$	523,222
Net book value of assets - current year		555,569
Average net book value	$	539,396
Multiplied by: average treasury rate		3.0625%
Equals: facilities capital cost of money	$	16,519
Divided by: direct labor base	$	2,821,213
Equals: Facilities Capital cost of money rate		0.59%

NOTE H - LIST OF DIRECT COSTS ACCOUNTS

The Company charges the following types of costs directly to projects:

- Subconsultants
- Permits
- Travel
- Meals
- Materials/supplies
- Postage/sipping/delivery
- Equipment rental
- Reproduction

As noted above, direct costs are coded to the corresponding project number so they may be segregated and accumulated in the Company's job order cost accounting system. The Company identifies a cost as a direct cost if it can be specifically identified with a particular final cost objective, i.e., a project related cost. It is irrelevant whether or not the costs are actually billed. Direct costs are not included in the overhead pool and direct accounts have been established in the Company's general ledger.

In addition, the Company has the following charge rate.

In-House Cost	Unit Cost
Mileage	IRS Rate ($0.545/mile)

The accuracy of the rate noted above was verified during project testing. The in-house costs were proper, complete, and consistent for the project selected for testing.

TAYLOR ENGINEER, INC.
NOTES TO THE STATEMENT OF DIRECT LABOR, FRINGE BENEFITS, AND GENERAL OVERHEAD
FOR THE YEAR ENDED DECEMBER 31, 2018

NOTE I - DIRECT EXPENSE RATE

The Company's direct expense rate was based on the direct costs accumulated in the job cost records and recorded in the general ledger:

Direct Expenses		Amount
Travel	$	102,423
Meals		16,017
Materials/supplies		8,130
Postage/shipping/delivery		4,729
Equipment rental		11,876
Reproduction		1,610
Miscellaneous		3,330
Total Direct Expenses	$	148,115
Unallowable Lodging*		(3,097)
Unallowable Meals*		(3,439)
Unallowable Mileage*		(7,460)
Unallowable Miscellaneous		-
Allowable Expenses	$	134,119
Direct Labor	$	2,821,213
Direct Expense Rate		4.75%

*The unallowable costs that were removed from direct expenses were costs in excess of the per diem and travel expenses allowed in Florida Statute 112.061 and the $150 per night lodging limit per Chapter 2016-62, Laws of Florida.

NOTE J - SUBSEQUENT EVENTS

The Company has evaluated events and transactions for potential recognition or disclosure in the Statement of Direct Labor, Fringe Benefits, and General Overhead through June 12, 2019, the date the statement was available to be issued. No subsequent events requiring recognition or disclosure have been identified.

NOTE K - AUDITOR CONTACT

The person to contact relative to this engagement is:

T. Wayne Owens, CPA
T. Wayne Owens & Associates, PC
1689 Duluth Highway
Lawrenceville, GA 30043

Phone: (678) 261-8566
E-mail: wowens@twocpa.com

Certified Public Accountants

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL AND COMPLIANCE

Board of Directors and Stockholders
Taylor Engineer, Inc.

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in the *Government Auditing Standards* issued by the Controller General of the United States, the Statement of Direct Labor, Fringe Benefits, and General Overhead (hereinafter referred to as "the Statement") of Taylor Engineer, Inc. (Company) as of December 31, 2018 and the related notes to the Statement and have issued our report thereon dated June 12, 2019.

Internal Control Over Financial Reporting

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

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

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Taylor Engineer, Inc.'s Statement is free from material misstatement, we performed tests of the Company's compliance with certain provisions of laws, regulations, contracts, and grant agreements including provisions of the applicable sections of 48 CFR Part 31, noncompliance with which could have a direct and material effect on the determination of the amounts reported on the Statement. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards.*

T. Wayne Owens & Associates, PC
1689 Duluth Hwy, Lawrenceville, GA 30043 1005 Broad Street, Ste 302, Augusta, GA 30901
TWO CPAs & Consultants, Inc.
5960 Venture Dr. Suite D, Dublin, OH 43017
GA 678.261.8566 OH 614.335.9005 Web twocpa.com

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the Company's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Company's internal control and compliance. This report is intended solely for the use and information of the Company and government agencies or other customers related to contracts employing the cost principles of the Federal Acquisition Regulation, and should not be used for any other purpose.

T. Wayne Owens & Associates, PC

Lawrenceville, GA
June 12, 2019

FOR INFORMATION ONLY - DO NOT SUBMIT WITH YOUR PROPOSAL

FORM 1
SCHEDULE OF PROPOSED PRICES/RATES

NAME OF CONTRACTOR Terracon Consultants, Inc.

Proposal Number P-16-19 Professional Structural Engineering Services – Annual Contract

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

Project Manager (Responsible Professional) (12% Max)	$ 84.62 hr.
Architect (Registered)	$ N/A hr.
Design Engineer (Registered)	$ 55.29 hr.
Designer or Technician (Non-Registered)	$ 30.29 hr.
Drafter or CADD Operator	$ 34.17 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 28.46 hr.

2. Total Overhead Rate (to be applied to Direct Labor:) 185.72 %

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) $ N/A hr.

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

See attached rate sheets

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

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

N/A

EXHIBIT B

Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAULT, P.E.
SECRETARY

June 4, 2019

John Kimberly IV, Senior Principal/Regional Manager
TERRACON CONSULTANTS, INC.
9655 Florida Mining Boulevard West, Suite 509
Jacksonville, Florida 32257

Dear Mr. Kimberly:

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

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	Published Fee Schedule
185.72%	153.12%*	1.012%	Reimbursed	No	19.15%	12.80%*^	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

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

EXHIBIT B

TERRACON CONSULTANTS, INC.
2019 FLORIDA DIVISION FEE SCHEDULE

ITEM	MEASURE	COST
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	$ 90.00
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	$ 75.00
107-Aggregate Total Moisture Content by Drying AASHTO T255	Test	$ 75.00
200-Asphalt Bulk Specific Gravity FM 1-T166	Test	$ 75.00
201-Asphalt Content FM 5-563	Test	$ 165.00
202-Asphalt Friction Panel	Test	$ 155.00
203-Asphalt Gradation & Content FM 1-T030 & FM 5-563	Test	$ 200.00
204-Asphalt Gradation FM 1-T030	Test	$ 95.00
205-Asphalt Gyratory Compaction 3 Specimens AASHTO T312	Test	$ 85.00
206-Asphalt Los Angeles (LA) Abrasion Coarse Agg FM 3-C535	Test	$ 350.00
207-Asphalt Los Angeles (LA) Abrasion Small Agg FM 1-T096	Test	$ 375.00
208-Asphalt Max Specific Gravity FM 1-T209	Test	$ 150.00
209-Asphalt Pavement Coring - 4" dia with Base Depth Check	Each	$ 250.00
210-Asphalt Pvmt. Coring - 4" dia without Base Depth Check	Each	$ 175.00
211-Asphalt Pavement Coring - 6" dia with Base Depth Check	Each	$ 300.00
212-Asphalt Pvmnt Coring - 6" dia without Base Depth Check	Each	$ 200.00
213-Asphalt Structural Panel (See Long Description)	Test	$ 500.00
300-Concrete Beam Flexural Testing ASTM C78	Test	$ 50.00
301-Concrete Compressive Strength of Grout\Mortar ASTM C109	Test	$ 25.00
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	$ 22.00
303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	$ 40.00
304-Concrete Masonry Unit Sampling & Testing ASTM C140	Test	$ 200.00
305-Concrete Pavement Coring - 4" Dia	Each	$ 250.00
306-Concrete Pavement Coring - 6" Dia	Each	$ 300.00
401-Geo Auger Borings-H& & Truck/Mud Bug	LF	$ 12.00
402-Geo Auger Borings-Track	LF	$ 15.00
406-Geo Barge (Rental without labor)	Task	TBD
407-Geo Chainsaw (Owned)	Day	$ 65.00
408-Geo Concrete Pad & Cover for Monitoring Wells	Each	$ 300.00
409-Geo CPT Truck/Mud Bug 0-50 Ft	LF	$ 13.00
410-Geo CPT Truck/Mud Bug 50-100 Ft	LF	$ 14.00
411-Geo CPT Truck/Mud Bug 100-150 Ft	LF	$ 16.00
412-Geo CPT Truck/Mud Bug 150-200 Ft	LF	$ 21.00
413-Geo Crosshole Sonic Logging (CSL)	Day	$ 2,500.00
414-Geo Dilatometer Sounding	Hour	$ 300.00
415-Geo Double Ring Infiltration ASTM D3385	Each	$ 600.00
418-Geo Drill Crew Support Vehicle	Day	$ 175.00
419-Geo Drilling Crew 2-Person	Hour	$ 200.00
420-Geo Drilling Crew 3-Person	Hour	$ 250.00
421-Geo Dynamic Pile Testing/Pile Driving Analysis	Day	$ 2,500.00
422-Geo Extra SPT Samples-Barge/Track/Amphibious 0-50 Ft	Each	$ 60.00
423-Geo Extra SPT Samples-Barge/Track/Amphibious 50-100 Ft	Each	$ 82.50
424-Geo Extra SPT Samples-Barge/Track/Amphibious 100-150 Ft	Each	$ 124.00
425-Geo Extra SPT Samples-Barge/Track/Amphibious 150-200 Ft	Each	$ 159.00
426-Geo Extra SPT Samples-Barge/Track/Amphibious 200-250 Ft	Each	$ 239.00

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2019 FLORIDA DIVISION FEE SCHEDULE

ITEM	MEASURE	COST
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	Each	$ 40.00
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	Each	$ 55.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	$ 75.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	$ 102.00
431-Geo Extra SPT Samples-Truck/Mud Bug 200-250 Ft	Each	$ 139.00
432-Geo Field Permeability 0-10 Ft Open-End Borehole Method	Each	$ 300.00
433-Geo Field Permeability 10-25 Ft Open-End Borehole Method	Each	$ 400.00
434-Geo Ground Penetrating Radar (GPR)	Hour	$ 350.00
435-Geo Grout Boreholes- Barge/Track/Amphibious 0-50 Ft	LF	$ 8.00
436-Geo Grout Boreholes- Barge/Track/Amphibious 50-100 Ft	LF	$ 10.00
437-Geo Grout Boreholes- Barge/Track/Amphibious 100-150 Ft	LF	$ 12.00
438-Geo Grout Boreholes- Barge/Track/Amphibious 150-200 Ft	LF	$ 15.00
439-Geo Grout Boreholes- Barge/Track/Amphibious 200-250 Ft	LF	$ 18.00
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	LF	$ 5.50
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	LF	$ 6.50
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	$ 8.00
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	$ 10.00
444-Geo Grout Boreholes- Truck/Mud Bug 200-250 Ft	LF	$ 15.00
445-Geo Grouted Monitor Well 2" 0-50 Ft	LF	$ 30.00
446-Geo H& Auger with DCP (0-50 ft) ASTM D1452	LF	$ 25.00
447-Geo H& Auger with SCP (0-50 ft) ASTM D1453	LF	$ 20.00
448-Geo Mini Shaft Inspection	Hour	$ 350.00
449-Geo Noise Monitoring	Hour	$ 300.00
450-Geo Piezometer 2" 0-50 Ft	LF	$ 40.00
451-Geo Pile Integrity Testing	Hour	$ 350.00
452-Geo Rock Coring Brg/Track/Amph 0-50 Ft 4" ID & over	LF	$ 80.00
453-Geo Rock Coring Brg/Track/Amph 0-50 Ft less than 4" ID	LF	$ 56.25
454-Geo Rock Coring Brg/Track/Amph 50-100 Ft 4" ID & over	LF	$ 94.00
455-Geo Rock Coring Brg/Track/Amph 50-100 Ft less than 4" ID	LF	$ 64.50
456-Geo Rock Coring Brg/Track/Amph 100-150 Ft 4" ID & over	LF	$ 122.00
457-Geo Rock Corg Brg/Track/Amph 100-150 Ft less than 4" ID	LF	$ 76.50
458-Geo Rock Corg Brg/Track/Amph 150-200 Ft 4" ID & over	LF	$ 154.00
459-Geo Rock Corg Brg/Track/Amph 150-200 Ft less than 4" ID	LF	$ 91.50
460-Geo Rock Corg Brg/Track/Amph 200-250 Ft 4" ID & over	LF	$ 203.00
461-Geo Rock Corg Brg/Track/Amph 200-250 Ft less than 4" ID	LF	$ 109.50
462-Geo Rock Coring Truck/Mud Bug 0-50 Ft 4" ID & over	LF	$ 70.00
463-Geo Rock Coring Truck/Mud Bug 0-50 Ft less than 4" ID	LF	$ 37.50
464-Geo Rock Coring Truck/Mud Bug 50-100 Ft 4" ID over	LF	$ 80.00
465-Geo Rock Coring Truck/Mud Bug 50-100 Ft less than 4" ID	LF	$ 43.00
466-Geo Rock Coring Truck/Mud Bug 100-150 Ft 4" ID & over	LF	$ 90.00
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	$ 51.00
468-Geo Rock Coring Truck/Mud Bug 150-200 Ft 4" ID & over	LF	$ 99.50
469-Geo Rock Coring Truck/Mud Bug 150-200 Ft less than 4" ID	LF	$ 61.00
470-Geo Rock Coring Truck/Mud Bug 200-250 Ft 4" ID & over	LF	$ 127.00
471-Geo Rock Coring Truck/Mud Bug 200-250 Ft less than 4" ID	LF	$ 73.00

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ITEM	MEASURE	COST
472-Geo Saximeter Testing	Hour	$ 175.00
473-Geo SPT Barge/Track/Amphibious 0-50 Ft	LF	$ 23.00
474-Geo SPT Barge/Track/Amphibious 50-100 Ft	LF	$ 30.00
475-Geo SPT Barge/Track/Amphibious 100-150 Ft	LF	$ 45.00
476-Geo SPT Barge/Track/Amphibious 150-200 Ft	LF	$ 63.00
477-Geo SPT Barge/Track/Amphibious 200-250 Ft	LF	$ 72.00
478-Geo SPT Truck/Mud Bug 0-50 Ft	LF	$ 16.00
479-Geo SPT Truck/Mud Bug 50-100 Ft	LF	$ 18.00
480-Geo SPT Truck/Mud Bug 100-150 Ft	LF	$ 31.00
481-Geo SPT Truck/Mud Bug 150-200 Ft	LF	$ 42.00
482-Geo SPT Truck/Mud Bug 200-250 Ft	LF	$ 49.00
483-Geo Temp Casing 3" Barge/Track/Amphibious 0-50 Ft	LF	$ 14.00
484-Geo Temp Casing 3" Barge/Track/Amphibious 50-100 Ft	LF	$ 17.00
485-Geo Temp Casing 3" Barge/Track/Amphibious 100-150 Ft	LF	$ 20.00
486-Geo Temp Casing 3" Barge/Track/Amphibious 150-200 Ft	LF	$ 25.00
487-Geo Temp Casing 3" Barge/Track/Amphibious 200-250 Ft	LF	$ 30.00
488-Geo Temp Casing 3" Truck/Mud Bug 0-50 Ft	LF	$ 10.00
489-Geo Temp Casing 3" Truck/Mud Bug 50-100 Ft	LF	$ 12.00
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	$ 16.00
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	$ 18.00
492-Geo Temp Casing 3" Truck/Mud Bug 200-250 Ft	LF	$ 22.00
493-Geo Temp Casing 4" Barge/Track/Amphibious 0-50 Ft	LF	$ 18.00
494-Geo Temp Casing 4" Barge/Track/Amphibious 50-100 Ft	LF	$ 19.50
495-Geo Temp Casing 4" Barge/Track/Amphibious 100-150 Ft	LF	$ 22.50
496-Geo Temp Casing 4" Barge/Track/Amphibious 150-200 Ft	LF	$ 25.50
497-Geo Temp Casing 4" Barge/Track/Amphibious 200-250 Ft	LF	$ 29.00
498-Geo Temp Casing 4" Truck/Mud Bug 0-50 Ft	LF	$ 12.00
499-Geo Temp Casing 4" Truck/Mud Bug 50-100 Ft	LF	$ 13.00
500-Geo Temp Casing 4" Truck/Mud Bug 100-150 Ft	LF	$ 15.00
501-Geo Temp Casing 4" Truck/Mud Bug 150-200 Ft	LF	$ 17.00
502-Geo Temp Casing 4" Truck/Mud Bug 200-250 Ft	LF	$ 19.00
503-Geo Temp Casing 6" Barge/Track/Amphibious 150-200 Ft	LF	$ 29.00
504-Geo Temp Casing 6" Barge/Track/Amphibious 200-250 Ft	LF	$ 33.00
505-Geo Temp Casing 6" Barge/Track/Amphibious 0-50 Ft	LF	$ 20.00
506-Geo Temp Casing 6" Barge/Track/Amphibious 50-100 Ft	LF	$ 23.00
507-Geo Temp Casing 6" Barge/Track/Amphibious 100-150 Ft	LF	$ 26.00
508-Geo Temp Casing 6" Truck/Mud Bug 0-50 Ft	LF	$ 14.00
509-Geo Temp Casing 6" Truck/Mud Bug 50-100 Ft	LF	$ 16.00
510-Geo Temp Casing 6" Truck/Mud Bug 100-150 Ft	LF	$ 18.00
511-Geo Temp Casing 6" Truck/Mud Bug 150-200 Ft	LF	$ 20.00
512-Geo Temp Casing 6" Truck/Mud Bug 200-250 Ft	LF	$ 22.00
513-Geo Thermal Integrity Tester (TI)	Hour	$ 400.00
514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	$ 650.00
515-Geo Undisturbed Samples Barge/Track/Amphibious 0-50 Ft	Each	$ 225.00
516-Geo Undisturbed Samples Barge/Track/Amphibious 50-100 Ft	Each	$ 300.00

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ITEM	MEASURE	COST
517-Geo Undisturbed Samples Brg/Track/Amph 100-150 Ft	Each	$ 375.00
518-Geo Undisturbed Samples Brg/Track/Amph 150-200 Ft	Each	$ 450.00
519-Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	Each	$ 150.00
520-Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	Each	$ 200.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	$ 250.00
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	$ 300.00
523-Geo Vibration & Noise Monitoring	Day	$ 1,500.00
524-Geo Vibration Monitoring	Day	$ 1,500.00
525-Geo Well Development	Hour	$ 175.00
600-Mobilization - Crosshole Sonic Logging (CSL) Equipment	Each	$ 400.00
602-Mobilization - Vibration Monitoring Equipment	Each	$ 300.00
603-Mobilization Asphalt Coring Equipment	Each	$ 600.00
604-Mobilization Barge Large	Each	TBD
605-Mobilization Barge Small	Each	TBD
606-Mobilization Concrete Coring	Each	$ 600.00
607-Mobilization Cone Penetrometer Test Rig	Each	$ 2,500.00
608-Mobilization Drill Rig Amphibious	Each	TBD
610-Mobilization Drill Rig Track Mount	Each	$ 3,000.00
611-Mobilization Drill Rig Trailer Mount	Each	$ 600.00
612-Mobilization Drill Rig Truck Mount	Each	$ 650.00
613-Mobilization Mini-Shaft Inspection Device	Each	$ 2,500.00
614-Mobilization Mudbug/All Terrain Vehicle	Each	$ 750.00
615-Mobilization Pile Driving Analyzer Equipment	Each	$ 550.00
616-Mobilization Pile Integrity Tester Equipment	Each	$ 350.00
618-Mobilization Support Boat	Each	$ 500.00
619-Mobilization Tri-Pod	Each	$ 2,500.00
703-MOT Light Tower	Each	$ 140.00
706-MOT Portable Sign	Each	$ 60.00
708-MOT Provide Channelizing Devices – Cone	Each	$ 10.00
800-Soils Chloride Soil or Water FM 5-552	Test	$ 50.00
801-Soils Consol-Addtl Incrmnts AASHTO T216 (13 to 24 Loads)	Each	$ 75.00
802-Soils Consol-Addtl Incrmnts AASHTO T216 (up to 12 Loads)	Each	$ 750.00
804-Soils Consol-Extend Load Incrmnts AASHTO T216	Day	$ 150.00
805-Soils Corrosion Series FM 5-550 through 5-553	Test	$ 200.00
806-Soils Direct Shear Consolid Drained/ Point AASHTO T236	Test	$ 350.00
807-Soils Field Vane Shear Test ASTM D2573	Test	$ 400.00
808-Soils Flexible Wall Permeability ASTM D5084	Test	$ 600.00
809-Soils Hydrometer Only AASHTO T88	Test	$ 200.00
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	Test	$ 400.00
811-Soils Liquid Limit AASHTO T89	Test	$ 60.00
812-Soils Materials Finer than 200 Sieve FM 1-T011	Test	$ 75.00
813-Soils Maximum Density ASTM D4254	Test	$ 200.00
815-Soils Minimum Density ASTM D4253	Test	$ 200.00
816-Soils Moisture Content Lab AASHTO T265	Test	$ 20.00
817-Soils Moisture Content Laboratory AASHTO T265	Test	$ 20.00

TERRACON CONSULTANTS, INC.
2019 FLORIDA DIVISION FEE SCHEDULE

ITEM	MEASURE	COST
819-Soils Organic Content Ignition FM 1 T-267	Test	$ 60.00
821-Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	Test	$ 240.00
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	Test	$ 100.00
823-Soils Permeability Constant Head AASHTO T215	Test	$ 350.00
824-Soils Permeability Falling Head FM 5-513	Test	$ 350.00
825-Soils pH Soil or Water FM 5-550	Test	$ 50.00
826-Soils Plastic Limit & Plasticity Index AASHTO T90	Test	$ 60.00
827-Soils Proctor Modified FM 1-T180	Test	$ 130.00
828-Soils Proctor Standard AASHTO T99	Test	$ 130.00
829-Soils Resistivity Soil or Water FM 5-551	Test	$ 50.00
830-Soils Shrinkage Factor AASHTO T92	Test	$ 100.00
831-Soils Specific Gravity AASHTO T100	Test	$ 75.00
832-Soils Split Tensile Strgth of Rock Cores ASTM D3967	Test	$ 200.00
833-Soils Sulfate Soil or Water FM 5-553	Test	$ 65.00
834-Soils Swell Potential ASTM D4546	Test	$ 500.00
835-Soils Triaxl Consl-Drain (CD) Per Point\Cell ASTM D7181	Test	$ 600.00
836-Soils Tri Cnsl-Undrn (CU) Pt\Cell AASHTO T297/ASTM D4767	Test	$ 500.00
837-Soil Tri Uncsl-Undrn (UU) Pt\Cell AASHTO T296/ASTM D2850	Test	$ 350.00
838-Soils Unconfined Compression - Rock ASTM D7012, Method C	Test	$ 250.00
839-Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	Test	$ 200.00

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: **STV Incorporated**

Project Title: **Professional Structural Engineering Services – Annual Contract**

Proposal Number: **P-16-19** 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
Meskel & Assoc. Engineering, LLC	Women	Geotechnical Services	N/A
Peters & Yaffee, Inc.	African-American	Traffic & Signalization	N/A

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	
Non-MBE Participation Total	

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: David C Shearer Title: Vice President Date: September 3, 2019

Print Name: David C. Shearer, PE