

PUBLIC NOTICE
AGENDA
PROFESSIONAL SERVICES EVALUATION COMMITTEE MEETING
 Thursday, December 19, 2019, 10:00 a.m.
Eighth Floor, Conference Room 851
Ed Ball Building, 214 N. Hogan Street
Jacksonville, FL 32202

Committee Members: Gregory Pease, Chairman
 Randall Barnes, Treasury
 James McCain, Jr., OGC

Subcommittee Members	ITEM #	TITLE & ACTION	MOTION	CONTR EXP	OUTCOME
Bradley Elias Erika McManus	P-05-20	Subcommittee Report Laboratory Services for JFRD Department Personnel Jacksonville Fire & Rescue Department (JFRD)	It is the consensus of the committee that the one proposal that was submitted was found to be responsive, interested, qualified and available to provide the requested Services and that company is: 1) Quest Diagnostics We recommend the above list is forwarded to the Mayor for final selection so that fee & contract negotiations may begin with <u>Quest Diagnostics</u> , the number one ranked company.		
William Joyce Tim Crutchfield	P-17-19	Fee & Contract Negotiations Professional A&E Services for Programming Site Selection and Design of New Medical Examiner's Office Department of Public Works/Engineering & Construction Management Division	That the City of Jacksonville enter into a contract with Gresham Smith for Professional Architectural and Engineering Services for Programming, Site Selection and Design of the New Medical Examiner's Office, that (i) incorporates the attached Scope of Services Identified as Exhibit "A" and Fee Schedule Identified as Exhibit "B"; (ii) provide a lump-sum amount for Architectural Site Selection Services in the amount of \$49,944.48; and not to exceed limits for: Geotechnical Services in the amount of \$24,654.96, Civil Engineering Services in the amount of \$35,506.00, Environmental Services in the amount of \$76,621.20 and Structural Engineering Services in the amount of \$4,973.28; thereby (iii) provide a maximum indebtedness to the City in the amount of \$191,699.92; and (iii) provide a period of service from execution of the contract to Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.		
William Joyce Robin Smith	P-11-18	Contract Amendment No. 4 Professional Design Services for Preparation of DCP & RFP for Hart Expressway Modifications Department of Public Works/Engineering & Construction Management Division	That Contract Number 10425-01, originally executed August 21, 2018 between the City of Jacksonville and STV, for Professional Design Services for Preparation of DCP & RFP for Hart Expressway Modifications, be amended to incorporate the attached Scope of Services Identified as Exhibit 'I' and Contract Fee Summary Identified as Exhibit 'J'; (ii) increase the lump-sum amount for Design Services by \$472,877.50 to a new lump sum amount of \$3,092,522.99 and to increase the not-to-exceed limit for Geotechnical by \$17,604.60 to a new limit of \$348,447.61 and Utility Coordination by \$2,767.66 to a new limit of \$43,387.74; thereby (iii) increasing the maximum indebtedness by \$493,249.76 to a new maximum of \$3,935,635.14. All other terms and conditions as previously amended shall remain the same except for such changes as the Office of General Counsel may deem appropriate to ensure compliance with the City's ordinances, Procurement policies and procedures and applicable federal and state laws.	To project completion	

MEETING ADJOURNED:

CC: Council Auditor

FIRE AND RESCUE DEPARTMENT



MEMORANDUM

TO: Greg Pease, Chairman
Professional Services Evaluation Committee (PSEC)

FROM: Bradley Elias, MD - JFRD
Erika McManus, Captain JFRD

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

DATE: December 16, 2019

The subcommittee received one (1) proposal for the **Laboratory Services for Jacksonville Fire and Rescue Department Personnel** and found it to be responsive, interested, qualified and available to provide the services required by the Request for Proposal (RFP).

The proposal was evaluated using the selection criteria outlined in the Purchasing Code as augmented by the RFP.

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

- 1) Quest Diagnostics

Please advise us when this item is placed on your agenda so we may be present. After a full committee review we request that this item is sent to the Mayor's Office for final decision

Attachment(s): Scoring Matrix





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.

12/17/19 09:52:58
Procurement

December 17, 2019

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

THRU John P. Pappas, P.E.
Director

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

Tim Crutchfield,
Director of Operations, District IV Medical Examiner's Office

RE: P-17-19 Professional Architectural and Engineering Services for Programming,
Site Selection and Design of New Medical Examiner's Office
PWCP32EPB519-069503-PW0105-04

The Engineering Division has negotiated with the consultant selected for Professional Architectural and Engineering Services for Programming, Site Selection and Design of the New Medical Examiner's Office, 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 Gresham Smith for Professional Design Services for Professional Architectural and Engineering Services for Programming, Site Selection and Design of the New Medical Examiner's Office, 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 Architectural Site Selection Services in the amount of \$49,944.48 and not to exceed limits for: Geotechnical Services in the amount of \$24,654.96, Civil Engineering Services in the amount of \$35,506.00, Environmental Services in the amount of \$76,621.20 and Structural Engineering Services in the amount of \$4,973.28, with a maximum indebtedness to the City in the amount of \$191,699.92 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.

WJJ/lw

Attachment: Exhibits A & B
JSEB Participation

cc: Lori West, PW Contract Specialist, Engineering and Construction Management
David D. Hahn, P.E., Engineer Manager, Engineering and Construction Management

26



November 21, 2019

David Hahn
 City of Jacksonville
 214 N. Hogan Street, 10th Floor
 Jacksonville, FL 32202

Subject: Programming and Site Selection Scope of Services - REVISED
 Medical Examiner's Office
 Jacksonville, FL
 Gresham Smith Project No. TBD

Dear Mr. Hahn:

On behalf of Gresham Smith, I am pleased to provide you with this revised proposed scope of services for Programming and Site Selection for the Medical Examiner's Office. It is our understanding that these tasks will run concurrently.

A. Building Programming:

1. Tour Orlando Medical Examiner Facility.
2. Tour Existing Medical Examiner Facility in Jacksonville.
3. Meeting One:
 - Review findings from tours.
4. Develop initial program.
5. Meeting Two:
 - Review initial program.
6. Revise initial program based on user feedback.
7. Meeting Three:
 - Review preliminary program.
8. Revise preliminary program based on user feedback.
9. Meeting Four:
 - Present final program and submit for sign-off.

B. Site Selection:

Upon identification of up to three (3) potential sites, perform the following site due diligence for each:

- 1) Civil:
 - a) Review of Land use and Zoning
 - b) Review of stormwater management
 - c) Desktop ESA and Environmental Review
 - d) Water and Sewer Availability

Genuine Ingenuity

Firm's Florida Cert. No. AAP000034 /
 CA3806 / IB26000797 / LC26000381

225 Water Street
 Suite 2200
 Jacksonville, FL 32202
 904.332.6699
 GreshamSmith.com



- e) Schematic Civil Site Planning including sizing of potential stormwater management facility or pricing of stormwater management credits.
 - f) Preliminary Boundary and Topographic Survey of up to one (1) site assuming no more than 3 acres in size.
- 2) Environmental:
- a) Phase I Environmental Assessment Report for selected properties. (Hours estimated are per site. Actual number of sites will be determined by the City of Jacksonville)
 - b) Phase II Environmental Site Assessment Report for three selected properties. (Hours estimated are per site. Actual number of sites will be determined by the City of Jacksonville)
 - c) Property Condition Assessment Report for properties with existing buildings. (Hours estimated are per site. Actual number of sites will be determined by the City of Jacksonville)
 - d) Following site selection, additional environmental services not included, may be required to address further environmental issues when identified.
- 3) Geotechnical:
- a) Geotechnical services will be performed for the identified site(s). Estimated hours provided are per site.
- 4) Architectural:
- a) Create conceptual building plan for civil engineer test-fit on the sites.
 - b) Revise conceptual building plan following civil engineer feedback.
 - c) Provide conceptual site and building plan for user review.
 - d) Revise conceptual building plan following user feedback.
 - e) Finalize conceptual plan.

These services will be provided within the hours and rates agreed upon within the separate exhibits. Services beyond those delineated here are not included, but can be provided when requested by the City of Jacksonville.

We look forward proceeding with this exciting project for the City of Jacksonville.

Sincerely,

Steven Wagnon, AIA, NCARB, LEED AP BD+C
Operations Manager

WS

Copy Rick Bouchereau - Gresham Smith

**Gresham
Smith**

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

1. Project Prof. Architectural and Engineering Services for Medical Examiners Office	2. Proposal No./Contract No. P-17-19 / TBD
3. Name of Consultant Gresham Smith	4. Date of Proposal 12/13/19

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Architect P9/Principal/Senior Healthcare Planners	\$ 96.67	83	\$ 8,023.61	
Architect P8/Engineer P8	\$ 71.67		\$ 0.00	
Sr Architect P8/Project Manager/Sr Engineer P8	\$ 65.00	75	\$ 4,875.00	
Sr Architect P7/Medical Planner/Systems Analyst/Sr Engineer P7	\$ 58.34		\$ 0.00	
Architect P6/Project Engineer P6/Coordinator T7/Interior Designer P8	\$ 51.67		\$ 0.00	
Architect P5/Engineer P5/Coordnator T6/Interior Designer P6	\$ 45.00	48	\$ 2,160.00	
Architect P4/Engineer/Interior Designer P5/Coord T5	\$ 38.34		\$ 0.00	
Intern Architect P3/Intern Designer P3/Coordinator T4	\$ 31.67		\$ 0.00	
Intern Architect P2/Intern Designer/P2/Intern Engineer P2/System Analyst	\$ 28.34		\$ 0.00	
CAD Tech T3/Intern Architect P1/Intern/Designer P1	\$ 25.00	83	\$ 2,075.00	
Adminstrative Support	\$ 21.67		\$ 0.00	
TOTAL DIRECT LABOR	\$59.29	289		\$ 17,133.61
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	165 % x Total Direct Labor		\$	28,270.46
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 45,404.07
8. PROFIT: Labor Related Costs (Item 7)				\$ 4,540.41
				x 10%

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping			\$	0.00
Other			\$	0.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
				\$
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 49,944.48
11. REIMBURSABLE CONTRACTS (Limiting Amount)				
Meskel & Associates Engineering (3 X \$8,218.32 per site)			\$	24,654.96
GAI Consultants, Inc.			\$	35,506.00
Alpha Envirotech Consulting, Inc. (*See note below)			\$	76,621.20
*AEC's sub consultant fees for each site to be approved prior to work commencing)				
GM Hill Engineering, Inc. (3 x \$1,657.76 per site)			\$	4,973.28
SUB-TOTAL REIMBURSABLES				\$ 141,755.44

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$	191,699.92
13. CURRENT CONTRACT AMOUNT	\$	-
14. NEW OR AMENDED CONTRACT AMOUNT	\$	191,699.92

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

PART I - GENERAL

1. Project P-17-19 Professional Design Services for the New Medical Examiner's Office	2. Proposal No. / Contract No. / TBD
3. Name of Consultant MESKEL & ASSOCIATES ENGINEERING	4. Date of Proposal 11/4/2019

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 57.70		\$ 0.00	0.00
Project Manager/Senior Engineer	\$ 48.07		\$ 0.00	0.00
Senior Geologist	\$ 44.00	12	\$ 528.00	528.00
Staff Engineer	\$ 30.40	72	\$ 2,188.80	2,188.80
Drafter	\$ 24.50		\$ 0.00	0.00
Senior Field Inspector	\$ 30.25		\$ 0.00	0.00
Field Inspector	\$ 20.50		\$ 0.00	0.00
Clerical	\$ 22.00		\$ 0.00	0.00
TOTAL DIRECT LABOR	\$32.34	84		\$ 2,716.80
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	175 % x Total Direct Labor			\$ 4,754.40
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 7,471.20
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$ 747.12

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Field Exploration				
Mobilization of Crew & Eq. -Truck Mounted Rig		\$450.00	\$	0.00
Movement of Crew & Eq. Between Boreholes		\$165.00	\$	0.00
SPT Boring : 0 to 50 feet		\$12.50	\$	0.00
SPT Boring: 50 to 100 feet		\$15.00	\$	0.00
SPT Boring - Extra Samples: 0 to 50 feet		\$30.00	\$	0.00
SPT Boring - Extra Samples: 50 to 100 feet		\$35.00	\$	0.00
Field Permeability Test, each		\$375.00	\$	0.00
Double-Ring Infiltrometer Testt, each		\$450.00	\$	0.00
Grouting Borings, per foot		\$6.50	\$	0.00
Temporary Casing, 4-inch, per foot		\$10.00	\$	0.00
Laboratory Testing				
Natural Moisture Content, ea.		\$10.00	\$	0.00
Percent Passing No. 200 Sieve, ea		\$35.00	\$	0.00
Soil Gradation, ea		\$60.00	\$	0.00
Organic Content, ea		\$40.00	\$	0.00
Atterberg Limits, ea		\$80.00	\$	0.00
Corrosion Series, ea		\$160.00	\$	0.00
			\$	0.00
			\$	0.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
			\$	
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 8,218.32
11. REIMBURSABLE COSTS (Limiting Amount)				
			\$ 0.00	
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	(Per Site)	\$ 8,218.32
13. CURRENT CONTRACT AMOUNT		
14. AMENDED CONTRACT AMOUNT	(3 sites X \$8,218.32 =	\$ 24,654.96

**Contract Fee Summary for Engineering Division
Professional Design Services for the New Medical Examiner's Office (P-19-17)
City of Jacksonville, FL**

PART I - GENERAL

1. Project Professional Design Services for the New Medical Examiner's Office (P-19-17) - Programming and Site Selection Phase	2. City Contract Number TBD / RFP P-19-17
3. Name of Consultant GAI Consultants, Inc.	4. Date of Proposal 11/1/2019

PART II - LABOR RELATED COSTS

5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Sr. Director	\$ 100.00	8	\$ 800.00	
Director	\$ 75.00	10	\$ 750.00	
Sr. Engineering Manager	\$ 65.50	50	\$ 3,275.00	
Sr. Engineer	\$ 55.00	0	\$ 0.00	
Project Engineer	\$ 42.25	60	\$ 0.00	
Engineer Intern	\$ 33.00	80	\$ 0.00	
Sr. LA Manager	\$ 60.00	0	\$ 0.00	
Project LA	\$ 46.23	0	\$ 0.00	
LA Technician	\$ 31.12	0	\$ 0.00	
Lead Designer	\$ 41.20	0	\$ 0.00	
Planning Manager	\$ 56.77	30	\$ 1,703.10	
Sr. Planner	\$ 36.00	40	\$ 1,440.00	
CAD Operator (Survey and Civil)	\$ 30.00	24	\$ 720.00	
Surveyor (PSM)	\$ 61.21	20	\$ 1,224.20	
Two-Man Survey Crew	\$ 50.00	24	\$ 1,200.00	
Admin	\$ 23.00	20	\$ 460.00	
TOTAL DIRECT LABOR				\$11,572
6. OVERHEAD (Combined Fringe Benefits & Administrative)				
Overhead Rate 175.00%				\$20,252
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$31,824
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$3,182
TOTAL LUMP SUM LABOR FEE (GAI)				\$35,006
PART III - OTHER COSTS				
9. MISCELLANEOUS DIRECT COSTS				\$ 500
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$500
10. SUBCONSULTANTS / CONTINGENCY				
SUB-CONTRACT SUB-TOTAL				\$0
PART IV - FEE SUMMARY				
TOTAL FEE - (Items 5, 6, 8, 9 and 10)				\$35,506

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

PART I - GENERAL

1. Project: Professional Architectural&Eng. Services for Programmir Site Selection and Design of New Medical Examiner's Office	2. Proposal No. / Contract No. Phase I ESA, Phase II ESA, PCA
3. Name of Consultant Alpha Envirotech Consulting, Inc.	4. Date of Proposal 11/26/19

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 72.00	4	\$ 288.00	288.00
Project Manager	\$ 62.00	8	\$ 496.00	496.00
Design Engineer or Architect	\$ 52.00	16	\$ 832.00	832.00
Designer or Technician	\$ 47.00	48	\$ 2,256.00	2,256.00
Drafter	\$ 22.00	16	\$ 352.00	352.00
Field Inspector	\$ 32.00	16	\$ 512.00	512.00
Clerical	\$ 20.00	8	\$ 160.00	160.00
TOTAL DIRECT LABOR	\$42.21	116		\$ 4,896.00

6. Overhead (Combined Fringe Benefit & Administrative)	
Overhead Rate	150 % x Total Direct Labor
	\$ 7,344.00

7. SUBTOTAL: Labor + Overhead (Items 5 & 6)	\$ 12,240.00
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8. PROFIT: Labor Related Costs (Item 7)	x	10%	\$ 1,224.00
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PART III - OTHER COSTS

9. Miscellaneous Reimbursable Costs			
Transportation & Shipping	\$90/day truck rental & 70 miles round trip at 0.58/mile	\$	522.40
Original Reproducibles		\$	150.00
Reproduction		\$	0.00
Other (equipment rental for Phase II)	pump, OVA-PID, YSI, decon solution, field supply, mason jars, tubing, safety equipment	\$	700.00
MISCELLANEOUS REIMBURSABLE COSTS SUB-TOTAL		\$	1,372.40

10. SUBCONTRACTS (Lump Sum)	
SUB-CONTRACT SUB-TOTAL	\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	\$ 14,836.40

11. REIMBURSABLE COSTS (Limiting Amount)	
EDR Package (Phase I)	\$ 350.00
Drilling (Phase II, by Probe Domain)	\$ 5,200.00
Environmental Lab (Phase II, by AEL)	\$ 4,154.00
GPR half-day (Phase II, by GPRS)	\$ 1,000.00
SUB-TOTAL REIMBURSABLES	\$ 10,704.00

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$ 25,540.40
13. CURRENT CONTRACT AMOUNT	
14. AMENDED CONTRACT AMOUNT	\$25,540.40 X 3 = \$ 76,621.20

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

PART I - GENERAL

1. Project COJ Medical Examiner Complex -- Site Selection Phase	2. Proposal No. / Contract No. / TBD
3. Name of Consultant GM Hill Engineering, Inc.	4. Date of Proposal 12/12/19

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 72.11	2	\$ 144.22	144.22
Sr. Structural Engineer	\$ 60.82	6	\$ 364.92	364.92
Design Engineer or Architect	\$ 45.67		\$ 0.00	0.00
Designer or Technician	\$ 39.40		\$ 0.00	0.00
Drafter	\$ 33.22		\$ 0.00	0.00
Field Inspector	\$ 30.04		\$ 0.00	0.00
Clerical	\$ 28.16		\$ 0.00	0.00
TOTAL DIRECT LABOR	\$63.64	8		\$ 509.14
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	196 % x Total Direct Labor			\$ 997.91
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 1,507.05
8. PROFIT: Labor Related Costs (Item 7)				\$ 150.71
				x 10%

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation & Shipping			\$ 0.00	
Original Reproducibles			\$ 0.00	
Reproduction			\$ 0.00	
Other			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$ -
10. SUBCONTRACTS (Lump Sum)				
			\$	
SUB-CONTRACT SUB-TOTAL				\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$ 1,657.76
11. REIMBURSABLE COSTS (Limiting Amount)				
Survey (???)			\$ 0.00	
Geotechnical Investigations (Universal Eng. Sci.)			\$ 0.00	
Utility Coordination, Structural, QC (Ayres Assoc.)			\$ 0.00	
Environmental Wetlands (LG2)			\$ 0.00	
Tree Mitigation (King Engineering)			\$ 0.00	
Variable Message Sign (VMS)			\$ 0.00	
Permitting Services & Permit Fees			\$ 0.00	
SUB-TOTAL REIMBURSABLES				\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT AMENDMENT NO. 0 (Lump Sum + Reimbursables) (Items 5, 6, 8, 9, 10 and 11)		\$	1,657.76
13. CURRENT CONTRACT AMOUNT			
14. AMENDED CONTRACT AMOUNT	\$ 1,657.76 X3	\$	4,973.28



September 10, 2019

RE: Gresham Smith Overhead Rate

To Whom it May Concern:

The summary schedule below provides the Overhead Rate Calculation for Gresham Smith for the year ended December 31, 2018. The information used in the calculation is derived from the Company's Audited Annual Financial Statements. These statements are prepared in accordance with accounting principles generally accepted in the United States of America.

Direct Labor \$ 47,831,462

Total General Overhead \$ 78,904,891

Overhead Rate **164.96%**

Calculation: Total General Overhead divided by Direct Labor

Please be advised, this rate is not to be used in connection with projects subject to Federal Acquisition Regulations which require additional calculations.

Sincerely,

A handwritten signature in black ink that reads 'K. Dwayne West'.

K. Dwayne West, CFO
Gresham Smith

Genuine Ingenuity

222 Second Avenue South

Suite 1400

Nashville, TN 37201

615.770.8100

GreshamSmith.com



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, 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
Professional Services
Qualification Administrator



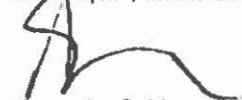
Pittsburgh Office
385 East Waterfront Drive
Homestead, Pennsylvania 15120

T 412.476.2000
F 412.476.2020

GAI Consultants, Inc.
Non-Governmental: Statement of Direct Labor, Fringe Benefits, and General Overhead
December 31, 2018

<u>Description</u>	<u>Total Costs</u>
Direct	39,312,267
Premium	(617,082)
	38,695,185
Fringe Benefits	
Holiday Payroll	1,618,484
Vacation/Sick Payroll	4,754,171
Retirement Plans	3,318,697
Employee Group	2,857,828
Bonuses	5,296,063
Payroll Taxes	5,433,886
Total Fringe Benefits	3,279,129
General Overhead	
Indirect Labor	18,325,381
Administrative	248,952
Amortization Expense	892,275
Bad Debt Expense	725,092
Books & Subscriptions	62,258
Computer & Programs	3,034,241
Depreciation	1,537,227
Insurance	1,474,263
Interest	426,792
Miscellaneous	466,677
Postage	77,979
Professional Development	660,142
Professional Fees	1,629,698
Promotion	1,609,438
Rent	6,732,271
Repairs & Maintenance	681,731
Supplies	692,829
Taxes	1,948,462
Telephone	786,348
Travel Expenses	1,987,988
Utilities	474,316
Total General Overhead	44,474,360
Total Indirect Costs	67,753,489
Percentage of Direct Labor	175.10%

I hereby certify the non-governmental: statement of direct labor, fringe benefits, and general overhead for GAI Consultants, Inc. to be accurate and current as of September 13, 2019.


Alexander S. Macmillan
Assistant Vice President / Controller



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 8, 2018

Gina Hill, President
G. M. HILL ENGINEERING, INC.
9640 Sunbeam Center Drive, Suite 1
Jacksonville, Florida 32257

Dear Ms. Hill:

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
 - 5.4 - Bridge Load Rating
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
- Group 14 - 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 in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense
196.10%	0.709%	Reimbursed	No	1.59%

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: Gresham Smith

Project Title: City of Jacksonville Medical Examiners Office

Proposal Number: P-30-19 Total Base Proposal Amount (if applicable): \$191,699.92

***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 Construction Engineering, Inspection Environmental Services	Total Contract Value or Percentage
Alpha Envirotech Consulting, Inc.	Women, Asian	Environmental Services	\$76,621.20
G.M. Hill Engineering, Inc.	Women	Construction Engineering, Inspection, Structural Engineering	\$4,973.28
Meskel & Associates Engineering	Women	Geotechnical Engineering	\$24,654.96

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	0%
Hispanic-American Participation Total	0%
Native-American Participation Total	0%
Asian-American Participation Total	40%
Woman Participation Total	55%
Non-MBE Participation Total	45%

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

Signature of Proposer: _____ Title: Principal Date: 12-17-2019

Print Name: Rick Bouchereau



City of Jacksonville, Florida

Lenny Curry, Mayor

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

ONE CITY. ONE JACKSONVILLE.

December 17, 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

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

SUBJECT: P-11-18 Professional Design Services for Preparation of DCP & RFP for Hart
Expressway Modifications
Contract 10425-01 Amendment 4
PWCP32ERD549-069505-PW0262-02

12/17/19 10:21:01
Procurement

The purpose of this amendment is to provide procurement and post design services for support during the construction phase of the project, as well as to address final design scope additions. The Engineering Division has negotiated with the consultant to provide these services resulting in the attached Scope of Services, Exhibit I and Fee Summary, Exhibit J. JSEB firms to be utilized to meet the 15% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that Contract Number 10425-01, originally executed August 21, 2018 between the City and STV, Incorporated for Professional Design Services for Preparation of DCP & RFP for Hart Expressway Modifications, be amended to incorporate the attached Scope of Services, Exhibit I and Fee Summary, Exhibit J, to increase the lump sum amount for Design Services by \$472,877.50 to a new lump sum amount of \$3,092,522.99 and to increase the not to exceed limit for Geotechnical by \$17,604.60 to a new limit of \$348,447.61 and Utility Coordination by \$2,767.66 to a new limit of \$43,387.74, thereby increasing the maximum indebtedness by \$493,249.76 to a new maximum of \$3,935,635.14. All other terms and conditions are as provided in the RFP and the City's standard contract language.

RGS/lw

Attachment: Exhibits I & J
JSEB Participation

cc: Lori West, PW Contract Specialist, Engineering and Construction Management

**AMENDMENT #4 SCOPE OF SERVICES
PROFESSIONAL DESIGN SERVICES FOR PREPARATION
FOR HART EXPRESSWAY MODIFICATIONS**

1.0 PURPOSE:

The purpose of this amendment is for STV (CONSULTANT) to provide procurement and post design services to support the City of Jacksonville (COJ) during the construction phase of the Hart Expressway Modification Project as well as address final design scope additions.

2.0 OBJECTIVE:

The CONSULTANT shall support the Department during the construction phase of the project by providing timely assistance.

3.0 WORK TASKS, SERVICES, AND DELIVERABLES:**3.1 Procurement and Post Design Services**

The CONSULTANT shall provide the following post design services as part of this supplemental amendment:

- 3.1.1 Bid Questions
- 3.1.2 Bid Review Support
- 3.1.3 Design/Plan Revisions
- 3.1.4 Requests for Information (RFI) Responses
- 3.1.5 Review of Contractor Changes
- 3.1.6 Shop Drawing/Cut Sheet Reviews:
 - 3.1.6.1 Roadway/Drainage
 - 3.1.6.2 Structures
 - 3.1.6.2.1 Bridge No. 720114
 - 3.1.6.2.2 Bridge No. 720445
 - 3.1.6.2.3 Wall & Miscellaneous Structures
 - 3.1.6.3 Signalization
 - 3.1.6.4 Lighting
 - 3.1.6.5 Signing & Pavement Marking
- 3.1.7 Structures As-Built Plans
- 3.1.8 As-Built Load Rating Calculations
 - 3.1.8.1 Bridge 720114
 - 3.1.8.2 Bridge 720445

- 3.1.9 Meetings
 - 3.1.9.1 Pre-Bid
 - 3.1.9.2 Pre-Construction
 - 3.1.9.3 On-Site/Field
 - 3.1.9.4 Bid Opening
 - 3.1.9.5 Bi-Weekly Construction Progress
 - 3.1.9.6 Miscellaneous with COJ/FDOT/FHWA
- 3.1.10 Public Involvement
 - 3.1.10.1 Public Official Meeting
 - 3.1.10.2 Public Meeting
 - 3.1.10.3 Exhibit Production

3.2 Final Design & Production Services

The CONSULTANT provided additional design services during final design:

- 3.2.1 Parking Modifications
- 3.2.2 COJ Tree Mitigation Permitting
- 3.2.3 Bridge Repainting Notes (per Peer Reviewer)
- 3.2.4 End Diaphragm Modifications
- 3.2.5 Bridge Redesign (West per FDOT Central Office; East per revised survey)
- 3.2.6 Barrier Wall Transition Details (East & West Bridge)
- 3.2.7 Pier Details
- 3.2.8 Wall Sidewalk/Coping Detail

4.0 COJ RESPONSIBILITIES

COJ will provide contract administration and provide management of services and the technical reviews of all submittals prepared by the CONSULTANT.

5.0 SUMMARY OF FEES

For summary of contract fees, see the attached hereto and made a part hereof.

6.0 DETAILS OF ADDED SERVICES AND FEES

Details of the added services and fees are attached.

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

PART I - GENERAL				
1. Project Hart Bridge Modification D-B DCP/RFP Amendment #4 - Post Design Services			2. Proposal Number P-11-18	
3. Name of Consultant STV Incorporated			4. Date of Proposal 11/4/2019	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$63.87	290	\$18,522.30	
Principal	\$98.04	15	\$1,470.60	
Chief Engineer	\$76.12	407	\$30,980.84	
Senior engineer	\$58.20	662	\$38,528.40	
Design Engineer	\$41.33	609	\$25,169.97	
Designer	\$40.66	224	\$9,107.84	
CADD/Computer Tech	\$26.93	300	\$8,079.00	
Engineering Intern	\$29.49	511	\$15,069.39	
Clerical	\$20.45	23	\$470.35	
TOTAL DIRECT LABOR		3,041	Hours	\$147,398.69
6. Overhead (Combined Fringe Benefit & Administrative)				
				175.00%
				\$257,947.71
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$405,346.40
8. PROFIT: Labor Related Costs (Item 7)				x 10% \$40,534.64
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
	ERS (Environmental)	\$	-	
	Terracon (Contamination)	\$	-	
	Peters & Yaffee (Signals/Signing/Marking)	\$	26,996.46	
	Pond (Landscape)	\$	-	
	SEARCH (Archaeology)	\$	-	
	CSI Geo (Geotechnical)	\$	-	
	Arcadis US (Traffic Analysis)	\$	-	
	DRMP (Survey/SUE/Mapping)	\$	-	
	Conсор Engineers (Structures Peer Review)	\$	-	
SUB-CONTRACT SUB-TOTAL				\$ 26,996.46
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$472,877.50
11. REIMBURSABLE COSTS (Limiting Amount)				
	CSI Geo (Geotechnical)	\$	-	
	Terracon (Geotech)	\$	17,604.60	
	DRMP (Survey/SUE)	\$	-	
	Cardno (Utility Coordination)	\$	2,767.66	
SUB-TOTAL REIMBURSABLES				\$20,372.26
PART IV - SUMMARY				
TOTAL AMOUNT OF AMENDMENT #3 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$493,249.76
12. PRIOR CONTRACT AMOUNT (Through Amendment # 2)				\$3,442,385.38
AMENDED AMOUNT OF CONTRACT				\$3,935,635.14

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: STV Incorporated

Project Title: Hart Bridge Modification D-B DCP/RFP

Proposal Number: P-11-18 Total Base Proposal Amount (if applicable): \$493,249.76

***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
CSI Geo, Inc.	African-American	Geotechnical Investigations	\$0.00
Environmental Resource Solutions Inc.	Woman	Environmental Investigations	\$0.00
Meskel & Associates Engineering	Woman	Contamination Screening	\$0.00
Peters & Yaffee	African-American	Signal/Signing/Marking	\$26,996.46
Cardno	Non-MBE	Utility Coordination	\$2,767.66
DRMP Inc.	Non-MBE	Topo Survey & SUE	\$0.00
POND Incorporated	Non-MBE	Landscape Architecture	\$0.00
SEARCH Inc.	Non-MBE	Cultural Resource Evaluation	\$0.00
ARCADIS US Inc.	Non-MBE	Traffic Analysis	\$0.00
Terracon Consulting Engineers & Scientists	Non-MBE	Contamination Screening/Geotechnical	\$17,604.60
Conzor Engineers	Non-MBE	Independent Peer Review	\$0.00

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	\$26,996.46 (6%)
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	\$0.00 (0%)
Non-MBE Participation Total	\$466,253.30 (94%)

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: J. Keith Jackson Title: STV Project Manager Date: November 4, 2019

Print Name: J. Keith Jackson, P.E.

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

PART I - GENERAL

1. Project Hart Bridge Modification D-B DCP/RFP Amendment #4	2. Proposal No. P-11-18
3. Name of Consultant Cardno	4. Date of Proposal 10/29/19

PART II - LABOR RELATED COSTS

5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Surveyor	\$ 65.36	0	\$ 0.00	0.00
Clerical	\$ 24.52	0	\$ 0.00	0.00
Project Mgr./Sr. Utility Coordinator	\$ 42.79	20	\$ 855.80	855.80
			\$ 0.00	0.00
			\$ 0.00	0.00
			\$ 0.00	0.00
TOTAL DIRECT LABOR	\$42.79	20		\$ 855.80
6. Overhead (Combined Fringe Benefit & Administrative)				
194 % x Total Direct Labor				\$ 1,660.25
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$ 2,516.05
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$ 251.61

PART III - OTHER COSTS

9. Miscellaneous Direct Costs	\$ 0.00	
	\$ 0.00	
	\$ 0.00	
	\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		\$ -
10. SUBCONTRACTS (Lump Sum)	\$	
SUB-CONTRACT SUB-TOTAL		\$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)		
11. REIMBURSABLE COSTS (Limiting Amount)		
	\$ 0.00	\$ 2,767.66
	\$ 0.00	0.00
	\$ 0.00	0.00
	\$ 0.00	0.00
	\$ 0.00	0.00
SUB-TOTAL REIMBURSABLES		\$ -

PART IV - SUMMARY

12. TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	\$	2,767.66
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**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA**

PART I - GENERAL				
1. Project Hart Bridge Modification (SAPM, Signals and Lighting) Post Design Services			2. Proposal Number P-11-18	
3. Name of Consultant Peters and Yaffee, Inc.			4. Date of Proposal 10/30/2019	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$83.86	21	\$1,761.06	
Project Manager	\$67.20	21	\$1,411.20	
Senior Engineer	\$66.11	31	\$2,049.41	
Project Engineer	\$42.40	31	\$1,314.40	
Engineering Intern	\$30.13	29	\$873.77	
Designer	\$26.20	29	\$759.80	
Designer -Associate	\$17.99	29	\$521.71	
Secretary/Clerical	\$23.31	10	\$233.10	
TOTAL DIRECT LABOR		201 Hours		\$8,924.45
6. Overhead (Combined Fringe Benefit & Administrative)				
				175%
				\$15,617.79
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$24,542.24
8. PROFIT: Labor Related Costs (Item 7)				x 10%
				\$2,454.22
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
\$				
\$				
\$				
\$				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
\$				
\$				
SUB-CONTRACT SUB-TOTAL				\$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$26,996.46
11. REIMBURSABLE COSTS (Limiting Amount)				
\$ 0.00				
\$ 0.00				
\$ 0.00				
\$ 0.00				
SUB-TOTAL REIMBURSABLES				\$0.00
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$26,996.46

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

PART I - GENERAL				
1. Project Hart Bridge Modification - Post-Design Amendment #4			2. Proposal Number PEQ195124	
3. Name of Consultant Terracon Consultants, Inc.			4. Date of Proposal 10/31/2019	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Geotechnical Engineer	\$78.19	20	\$1,563.80	
Senior Geotechnical Engineer	\$56.60	40	\$2,264.00	
Geotechnical Project Engineer	\$34.05	40	\$1,361.90	
Geotechnical Engineer Intern	\$31.50	20	\$630.00	
TOTAL DIRECT LABOR		120 Hours		\$5,819.70
6. Overhead (Combined Fringe Benefit & Administrative)			175.00%	\$10,184.48
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$16,004.18
8. PROFIT: Labor Related Costs (Item 7)			x 10%	\$1,600.42
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs N/A			\$0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				
11. REIMBURSABLE COSTS (Limiting Amount)			\$	
SUB-TOTAL REIMBURSABLES				\$17,604.60
PART IV - SUMMARY				
TOTAL AMOUNT OF AMENDMENT #2 (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)				\$17,604.60

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:
COJ RFP Number
STV Project Number

Hart Expressway Modifications
P-11-18
40-19574

Consultant Name: STV Incorporated
Date: November 4, 2019
Estimators: JKJ/JTH/RVS

Staff Classification	Total Staff Hours	Project Manager	Principal	Chief Engineer	Senior Engineer	Design Engineer	Designer	CADD Operator	Engineering Intern	Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$63.87	\$98.04	\$76.12	\$58.20	\$41.33	\$40.66	\$26.93	\$29.49	\$20.45	1.521	\$80.446	\$52.89
Task 3.1 - Roadway Procurement & Post Design	1,521	228	15	304	304	183	183	152	152	0	1,521	\$80,446	\$52.89
Task 3.1 - Structures Procurement & Post Design	849	14	0	30	222	289	0	36	235	23	849	\$36,413	\$42.89
Task 3.2 - Roadway Final Design & Production	276	28	0	41	41	41	41	41	41	0	274	\$12,970	\$47.34
Task 3.2 - Structures Final Design & Production	397	20	0	32	95	96	0	71	83	0	397	\$17,570	\$44.26
Total Staff Hours	3,043	290	15	407	662	609	224	300	511	23	3,041		
Total Staff Cost		\$18,522.30	\$1,470.60	\$30,980.84	\$38,528.40	\$25,169.97	\$9,107.84	\$8,079.00	\$15,069.39	\$470.35		\$147,398.69	\$48.47

Check = \$147,398.69

SALARY RELATED COSTS		\$147,398.69
OVERHEAD 175%		\$257,947.71
PROFIT 10%		\$40,534.64
SUBTOTAL ESTIMATED FEE:		\$445,881.04
Cardno		\$2,767.66
Peters & Yaffee		\$26,996.46
Terracon		\$17,604.60
GRAND TOTAL ESTIMATED FEE:		\$493,249.76

STV Roadway/Drainage Staff Hours

Scope Number	Task	Hours	Comments
3.1	Roadway Procurement and Post-Design Services		
3.1.1	Bid Questions	45	15 Questions at 3 hours each = 45 hours
3.1.2	Bid Review Support	16	Review Bids and provide recommendations = 4 hours per bid at 4 bids = 16 hrs
3.1.3	Design/Plans Revisions	96	4 Revisions at 24 hours each = 96 hours
3.1.4	RFI Responses	80	10 Reviews at 8 hours each = 80 hrs
3.1.5	Review of Contractor Changes	192	8 Reviews at 24 hours each = 192 hrs
3.1.6	Shop Drawings/Cut Sheets		
3.1.6.1	Roadway/Drainage	440	Drainage Structures & Pipe: 200 structures/pipes at 2 hours each = 400 hrs Pavement Design, Bollards, Guardrail, Concrete, Fence, Misc. = 10 reviews at 4 hours each = 40 hrs
3.1.7	Meetings		
3.1.7.1	Pre Bid	8	2 people at 4 hours each = 8 hours
3.1.7.2	Pre Construction	8	2 people at 4 hours each = 8 hours
3.1.7.3	On-Site/Field	48	12 meetings at 4 hours per = 48 hours
3.1.7.4	Bid Opening	8	2 people at 4 hours each = 8 hours
3.1.7.5	Bi-Weekly Construction Progress	312	52 meetings at 3 hours per meeting for 2 people = 312 hrs
3.1.7.6	Misc. with COJ/FDOT/FHWA	144	1 meeting per month (24 months) 3 hours per meeting for 2 people = 144 hrs
3.1.8	Public Involvement		
3.1.8.1	Public Official Meeting	36	3 meetings at 4 hours each for 3 people = 36 hours
3.1.8.2	Public Meeting	8	2 people at 4 hours each = 8 hours
3.1.8.3	Exhibit Preparation	80	4 Exhibits at 20 hours each = 80 hrs
Total Roadway Hours for Task 3.1		1521	
3.2	Final Design & Production Services		
3.2.1	Parking Modifications	104	Plans and Field Review (16 hrs) Plan Modifications (5 sheets at 8 hrs/sheet = 40 hrs) Cross Section Modification (15 sections at 2 hrs/ea = 30 hrs) Quantity Revisions/Cost Estimation (8 hrs) Supervision (5 hrs) QA/QC (5 hrs)
3.2.2	COJ Tree Mitigation Permit/ Selective Clearing & Grubbing	172	Tree Ordinance Research (8 hrs) Identify Removal Required (16 hrs) Field Reviews to Identify Protected Tree Size/Location (2 people at 12 hours = 24 hr) Design Revision (16 hrs) Tree Grate Details (8 hrs) Cost Estimate (8 hrs) Prepare Permit App (16 hrs) Selective Clear/Grub Sheets (8 sheets at 4hrs/ea = 32 hrs) Pond 400 Wall Modifications (40 hrs) Supervision (7 hrs) QA/QC (7 hrs)
Total Roadway Hours for Task 3.2		276	

STV Structures Staff Hours

Scope Number	Task	Hours	Comments
3.1	Structures Procurement and Post Design Services		
3.1.1	Bid Questions	30	10 Questions at 3 hours each = 30 hours
3.1.2	Bid Review Support	18	Review Bids and provide recommendations = 4 hours per bid at 4 bids = 16 hrs
3.1.3	Design/Plan Revisions	92	Assume 3
3.1.4	Request for Information Responses	120	Assume 30
3.1.5	Review of Contractor Specialty Engineer Analysis	40	
3.1.6.2	Structures Shop Drawings		
3.1.6.2.1	Bridge No. 720114		
	Prestressed Concrete Piles	11	
	Prestressed Concrete Beams	17	
	Stay-In-Place Metal Forms	11	
	Bearing Pads	7	
	Bearing Plates	9	
	Prestressed Beam Temporary Bracing	11	
	Demolition Plan	21	
3.1.6.2.2	Bridge No. 720445		
	Prestressed Concrete Piles	11	
	Prestressed Concrete Beams	17	
	Stay-In-Place Metal Forms	15	
	Bearing Pads	7	
	Prestressed Beam Temporary Bracing	11	
	Steel Girders	44	
	Steel Girder Erection Plan	23	
	Mass Concrete Plan	7	
	Drainage System	11	
3.1.6.2.3	Walls & Miscellaneous Structures		
	MSE Wall No. 1	21	
	MSE Wall No. 2	21	
	Sheet Pile Wall No. 3	11	
	Temp. Critical Sheet Pile Wall No. 4	11	
	Overhead Sign Structures	15	
	Mast Arms	21	
3.1.7	As-Built Plans	52	
3.1.8	As-Built Load Rating Calculations		
	Bridge No. 720114	40	
	Bridge No. 720445	100	
3.1.9	Meetings		
	Pre Construction	4	1 Person at 4 hours
	On-Site/Field	20	5 visits at 4 hours per visit
Total Hours for Task 3.1		849	

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Hart Bndge Mod D-B DCP & RFP
 COJ RFP Number P-11-18
 STV Project Number 40-19574

Consultant Name: STV Incorporated
 Date: November 4, 2019
 Estimator: TTH

Staff Classification	Total Staff Hours From *SH Summary -	Project Manager	Principal	Chief Engineer	Senior Engineer	Design Engineer	Designer	CADD Operator	Engineering Intern	Clerical				SH By Activity	Salary Cost By Activity	Average Rate Per Task
9 Structures - Misc. Tasks, Dwgs, Non-Tech	51	3	0	8	26	9	0	2	3	0	0	0	0	51	\$2,828	\$55.45
13 Structures - Medium Span Concrete Bridge	144	7	0	10	29	36	0	29	33	0	0	0	0	144	\$6,138	\$42.63
14 Structures - Structural Steel Bridge	182	9	0	13	36	46	0	36	42	0	0	0	0	182	\$7,769	\$42.69
17 Structures - Retaining Walls	20	1	0	1	4	5	0	4	5	0	0	0	0	20	\$835	\$41.73
Total Roadway Hours for Task 3.2	397	20	0	32	95	96	0	71	83	0	0	0	0	397		

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Hart Bridge Mod D-B DCP & RFP

P-11-18

Task	Units	Design and Production Staffhours				Comments					
		No. of Units	Hours per Unit	No. of Sheets	Total						
General Drawings											
General Notes and Bid Item Notes	Sheet	1	8	1	8	Develop General Notes for repainting existing structural steel in Span 35. Scope Item 3.2.3					
Structures - Summary and Miscellaneous Tasks and Drawings				1	8						
Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	Task 16	Task 17	Task 18	
West End - Bridge No. 724445	218	0	0	0	36	182	0	0			
East End - Bridge No. 720114	108	0	0	0	108	0	0	0			
Retaining Walls	20								20		
Structures Technical Subtotal	346	0	0	0	144	182	0	0	20	0	
Task	Units	No. of Units	Hours per Unit	Total	Comments						
Quality Assurance/Quality Control	LS	%	7%	25							
Supervision	LS	%	5%	18							
Structures Nontechnical Subtotal				43							
Coordination	LS	1	0	0							
9. Structures - Summary and Miscellaneous Tasks and				51							

Project Activity 13: Structures- Medium Span Concrete

Hart Bridge Mod D-B DCP & RFP

P-11-18

For West Bridge

Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
General Layout Design and Plans						
Miscellaneous Details	Sheet	2	18	2	36	Modifications to Index 450-101 (FIB-72) for End Diaphragms; Drainage Details Scope Item 3.2.4
13. Structures - Medium Span Concrete Bridge Total				2	36	

Project Activity 13: Structures- Medium Span Concrete

Hart Bridge Mod D-B DCP & RFP

P-11-18

For East Bridge

Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
General Layout Design and Plans						
Miscellaneous Details	Sheet	1	12	1	12	Modifications to Index 450-120 (AASHTO Type II) for End Diaphragms Scope Item 3.2.4
Superstructure Deck Design and Plans						
Finish Grade Elevation (FGE) Calculation	LS	1	8		8	Recalculate Finish Grade Elevations based on updated survey data. Scope Item 3.2.5
Finish Grade Elevations	Sheet	1	4	1	4	Update Finish Grade Elevations sheet for new elevations. Scope Item 3.2.5
Miscellaneous Superstructure Details	Sheet	2	42	2	84	Two additional barrier transition details sheet (64 hrs.) + barrier transition design (20 hrs.) Scope Item 3.2.6
13. Structures - Medium Span Concrete Bridge Total				4	108	

Project Activity 14: Structures - Structural Steel

Hart Bridge Mod D-B DCP & RFP

P-11-18

For West Bridge

Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
Pier Design and Plans						
Pier Details	Sheet	1	32	1	32	1 Additional Pier Details sheet required. Scope Item 3.2.7
Superstructure Deck Design and Plans						
Miscellaneous Bridge Deck Details	Sheet	1	64	1	64	One additional barrier transition details sheet (32 hrs.) + barrier transition design (20 hrs.) + adhesive anchor design for metal railing (12 hrs.) Scope Item 3.2.6
Structural Steel Plate Girder Design						
Section Design	EA Unit	1	50		50	Curved geometry. Redesign Unit 8 for revised concept (tie-in at splice point instead of hinge point) Scope Item 3.2.5
Splice Design	EA Unit	1	36		36	Splice design required for revised concept. Scope Item 3.2.5
14. Structures - Structural Steel Bridge Total				2	182	

Project Activity 17: Retaining Walls

Hart Bridge Mod D-B DCP & RFP

P-11-18

Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
Permanent Proprietary Walls						
Details	Sheet	1	20	1	20	One additional MSE Wall details sheet for CIP Sidewalk w/ Coping Scope Item 3.2.8
17. Structures - Retaining Walls Total				1	20	

ESTIMATE OF WORK EFFORT AND COST - PETERS AND YAFFEE

Name of Project: Hart/Talleyrand Post Design Services
 County: Duval
 FPN: 0
 FAP No:

Consultant Name: Peters and Yaffee
 Consultant No.:
 Date: 11/1/2019
 Estimator: Yaffee

Staff Classification	Total Staff Hours From "SH Summary"	Principal	Project Manager	Senior Engineer	Project Engineer	Engineer Intern	Designer	Designer-Associate	Secretary/Clerical	0	0	0	0	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$83.86	\$67.20	\$66.11	\$42.40	\$30.13	\$26.20	\$17.99	\$23.31	\$23.31	\$0.00	\$0.00	\$0.00	\$0.00	0	\$0
3. Project General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
5. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
6. Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
7. Signaling and Marking	56	6	6	9	9	8	8	8	3	0	0	0	57	\$2,547	\$44.69	
8. Signalization	96	10	10	14	14	14	14	14	5	0	0	0	95	\$4,187	\$44.07	
9. Lighting	49	5	5	8	8	7	7	7	2	0	0	0	49	\$2,190	\$44.70	
10. Landscape Architecture	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!	
Total Staff Hours	201	21	21	31	31	29	29	29	10	0	0	0	201			
Total Staff Cost		\$1,761.06	\$1,411.20	\$2,049.41	\$1,314.40	\$873.77	\$759.80	\$521.71	\$233.10	\$0.00	\$0.00	\$0.00	\$0.00		\$8,924.45	\$44.40

Form Revised 04/04/06



SALARY RELATED COSTS:		\$8,924.45
OVERHEAD:	175%	\$15,617.79
SUBTOTAL:		\$24,542.24
PROFIT:	10%	\$2,454.22

Notes

1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SUBTOTAL ESTIMATED FEE: \$26,996.46

Project Activity 7: Signing and Pavement Marking

Estimator: Yaffee

Hart/Talleyrand Post Design Services

0

Task No.	Task	Units	Comments
7.1	Plans Revisions	EA	2 hours per sheet. Includes QA/QC, Supervision and Coordination. 6 Plans Sheets x 2 hrs/Sheet = 12 hrs
Signing & Marking Technical Subtotal			
7.2	Shop drawing reviews	EA	Fill in summary below. 1 to 2 hours per review. 19 Guide Signs x 1 hr/Review = 19 Hrs
7.3	Request for Information Resolution/Bid Questions	EA	Up to 6 RFI's. One hour per RFI. 3 RFI's and 2 Bid Questions (5 RFI's/Bid x 1 hr/RFI = 5 hrs.)
7.4	Field Reviews/Meetings	EA	Up to 8 hours per review includes travel time (Include PM hours in Task 3.2). (5 Reviews/Meetings x 4 hrs/review = 20 hrs.)

**Shop drawing reviews
(list anticipated shop drawings)**

Guide Signs (19)	19 EA
	EA
	EA
	EA
	EA
	EA
	EA
	EA
	EA
	EA
Total Shop Drawings	19 EA

Form Revised 06/27/07

Project Activity 8: Signalization

Estimator: Yaffee

Hart/Talleyrand Post Design Services

0

Task No.	Task	Units	Comments
8.1	Plans Revisions	EA	4 hours per signalized intersection. Includes QA/QC, Supervision and Coordination. (7 intersections + 4 Interconnect x 4 hrs = 44 hrs)
Signalization Technical Subtotal			
8.2	Shop drawing reviews	EA	Fill in summary below. 1 to 2 hours per review. (27 shop drawings x 1 hr/drawing = 27 hrs)
8.3	Request for Information Resolution/Bid Questions	EA	Up to 6 RFI's. One hour per RFI. 3 RFI's and 2 Bid Questions (5 RFI's/Bid x 1 hr/RFI = 5 hrs.)
8.4	Field Reviews/Meetings	EA	Up to 8 hours per review includes travel time (Include PM hours in Task 3.2). (5 Reviews/Meetings x 4 hrs/review. = 20 hrs.)

Shop drawing reviews

(list anticipated shop drawings)

conduit	2 EA	(Open Trench and Directional Bore)
signal cable	1 EA	
fiber optic connection hardware	3 EA	(Connector Assembly, Buffer Fan Out Kit, Patch Panel)
pull box	2 EA	(Standard Size and Fiber Optic)
aluminum signal pole	1 EA	
traffic signal head	1 EA	
pedestrian signal head	1 EA	
loop assembly cable	1 EA	
loop lead-in cable	1 EA	
loop sealant	1 EA	
pedestrian detector	1 EA	
traffic controller cabinet	1 EA	
CCTV camera	1 EA	
ethernet switch	1 EA	
uninterruptible power supply	1 EA	
Street Name Signs	8 EA	(8 street name signs)
Total Shop Drawings	27 EA	

Form Revised 06/27/07

Project Activity 9: Lighting

Estimator: Yaffee

Hart/Talleyrand Post Design Services

0

Task No.	Task	Units	Comments
9.1	Plans Revisions	EA	2 hours per sheet. Includes QA/QC, Supervision and Coordination. 6 Plans Sheets x 2 hrs/Sheet = 12 hrs
Lighting Technical Subtotal			
9.2	Shop drawing reviews	EA	Fill in summary below. 1 to 2 hours per review. 6 shop drawings x 2 hr/ea = 12 hrs.
9.3	Request for Information Resolution/Bid Questions	EA	Up to 6 RFI's. One hour per RFI. 3 RFI's and 2 Bid Questions (5 RFI's/Bid x 1 hr/RFI = 5 hrs.)
9.4	Field Reviews/Meetings	EA	Up to 8 hours per review includes travel time (Include PM hours in Task 3.2). (5 Reviews/Meetings x 4 hrs/review. = 20 hrs.)

Shop drawing reviews

(list anticipated shop drawings)

fixture	1 EA
pole	1 EA
conduit	1 EA
pull boxes	1 EA
wiring/conductors	1 EA
power source circuitry	1 EA
	EA
	EA
	EA

Total Shop Drawings	6 Ea
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Form Revised 06/27/07

October 31, 2019
Terracon Proposal No. PEQ195124



STV, Inc.
5200 Belfort Rd., Suite 400
Jacksonville, Florida 32256

Attn: Mr. J. Keith Jackson, P.E.
P: [904] 730.9777
M: [904] 445.0106
E: keith.jackson@stvinc.com

Re: Proposal to Provide Post-Design Geotechnical Services
Hart Bridge Expressway and Talleyrand Connector
Jacksonville, Duval County, Florida
City Development Number: 6256.202

Dear Mr. Jackson:

Terracon is pleased to present this proposal to provide Post-Design Geotechnical Services associated with the referenced project. Based on the complexity of this project, we propose a total of 120 hours of post-design services, as summarized below:

Chief Engineer:	20 hours at \$236.53	=\$4,730.60
Senior Engineer	40 hours at \$171.20	=\$6,848.00
Project Engineer	40 hours at \$103.01	=\$4,120.40
Engineer Intern	20 hours at \$95.28	<u>=\$1,905.60</u>
Total Post Design Fee		<u>=\$17,604.60</u>

Terracon appreciates the opportunity to be of service to you on this project. If you should have any questions, please do not hesitate to contact us.

Sincerely,
TERRACON CONSULTANTS, INC.

John P. O'Donnell, P.E.
Project Engineer
FL Registration No. 87844

John B. Kimberly IV, P.E.
Regional Manager
FL Registration No. 49866



Terracon Consultants, Inc. 9655 Florida Mining Boulevard – Suite 509 Jacksonville, Florida 32257
P [904] 900 6494 F [904] 268 5255 terracon.com

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Hart Bridge Expressway and Talleyrand Connector
 County: Duval
 FPN: 0
 FAP No:

Consultant Name: Terracon
 Consultant No: PEQ195124
 Date: 10/31/2019
 Estimator: Terracon

Staff Classification	Total Staff Hours From "SH Summary Form"	Chief Engineer	Senior Engineer	Project Engineer	Engineer Intern	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	120	20	40	40	20	0	0	0	0	0	0	0	0	120	\$17,605	\$148.71
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	120	20	40	40	20	0	0	0	0	0	0	0	0	120		
Total Staff Cost		\$4,730.60	\$6,848.00	\$4,120.40	\$1,905.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$17,604.60	\$148.71

Check = \$17,604.60

SALARY RELATED COSTS			\$17,604.60
OVERHEAD	0%		\$0.00
OPERATING MARGIN	0%		\$0.00
FCCM (Facilities Capital Cost Money)	0.00%		\$0.00
EXPENSES	0.00%		\$0.00
SUBTOTAL ESTIMATED FEE:			\$17,604.60
Survey (Field)	0	4-person crew	\$ / day
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$17,604.60
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$17,604.60

Notes:
 1 This sheet to be used by Subconsultant to calculate its fee

35. Geotechnical

Estimator: Terracon

Hart Bridge Expressway and Talleyrand Connector

0

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
	Roadway					
35.1	Document Collection and Review	LS	0	0	0	
35.2	Develop Detailed Boring Location Plan	LS	0	0	0	
35.3	Stake Borings/Utility Clearance	Boring	0	0	0	
35.4	Muck Probing	Crew Day	0	0	0	
35.5	Coordinate and Develop MOT Plans for Field Investigation	EA	0	0	0	
35.6	Drilling Access Permits	Location	0	0	0	
35.7	Property Clearances	EA	0	0	0	
35.8	Groundwater Monitoring	EA	0	0	0	
35.9	LBR/Resilient Modulus Sampling	EA	0	0	0	
35.10	Coordination of Field Work	100 lf of boring	0	0	0	
35.11	Soil and Rock Classification - Roadway	100 lf of boring	0	0	0	
35.12	Design LBR	LS	0	0	0	Only if LBR tests are required
35.13	Laboratory Data	100 lf of boring	0	0	0	
35.14	Seasonal High Water Table	Boring	0	0	0	
35.15	Parameters for Water Retention Areas	EA	0	0	0	
35.16	Delineate Limits of Unsuitable Material	Cross-section	0	0	0	
35.17	Electronic Files for Cross-Sections	100 lf of boring	0	0	0	Duplication of Roadway Effort?
35.18	Embankment Settlement and Stability	Embankment Boring	0	0	0	
35.19	Monitor Existing Structures	LS	0	0	0	

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.20	Stormwater Volume Recovery and/or Background Seepage Analysis	EA	0	0	0	Duplication of Drainage Effort?
35.21	Geotechnical Recommendations	LS	0	0	0	
35.22	Pavement Condition Survey and Pavement Evaluation Report	LS	0	0	0	
35.23	Preliminary Roadway Report	LS	0	0	0	
35.24	Final Report	EA	0	0	0	
35.25	Auger Boring Drafting	100 lf boring	0	0	0	
35.26	SPT Boring Drafting	100 lf boring	0	0	0	
Roadway Geotechnical Subtotal					0	
Structures						
35.27	Develop Detailed Boring Location Plan	LS	0	0	0	
35.28	Stake Borings/Utility Clearance	Boring	0	0	0	
35.29	Coordinate and Develop MOT Plans for Field Investigation	EA	0	0	0	
35.30	Drilling Access Permits	Location	0	0	0	
35.31	Property Clearances	EA	0	0	0	
35.32	Collection of Corrosion Samples	EA	0	0	0	
35.33	Coordination of Field Work	100 lf of boring	0	0	0	
35.34	Soil and Rock Classification - Structures	100 lf of boring	0	0	0	
35.35	Tabulation of Laboratory Data	100 lf of boring	0	0	0	
35.36	Estimate Design Groundwater Level for Structures	EA	0	0	0	
35.37	Selection of Foundation Alternatives (BDR)	Bridge boring	0	0	0	
35.38	Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	0	0	0	See Basis for reducing by 35.35
35.39	Bridge Construction and Testing Recommendations	Bridge boring	0	0	0	
35.40	Lateral Load Analysis (Optional)	Bridge boring	0	0	0	Duplication of Structural Effort?
35.41	Walls	Wall Boring	0	0	0	
35.42	Sheet Pile Wall Analysis (Optional)	Wall Boring	0	0	0	Duplication of Structural Effort?
35.43	Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	0	0	0	

35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.44	Box Culvert Analysis	EA	0	0	0	
35.45	Preliminary Report - BDR	EA	0	0	0	
35.46	Final Report - Bridge and Associated Walls	EA	0	0	0	
35.47	Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	0	0	0	
35.48	SPT Boring Drafting	100 lf of boring	0	0	0	
35.49	Other Geotechnical	LS	1	120	120	Post-Design Geotechnical Services
Structural Geotechnical Subtotal					120	
Geotechnical Technical Subtotal					120	
35.50	Technical Special Provisions and Modified Special Provisions	EA	0	0	0	
35.51	Field Reviews	LS	1	0	0	
35.52	Technical Meetings	LS	1	0	0	Meetings listed below
35.53	Quality Assurance/Quality Control	LS	%	0%	0	
35.54	Supervision	LS	%	0%	0	
Geotechnical Nontechnical Subtotal					0	
35.55	Coordination	LS	%	0%	0	
35. Geotechnical Total					120	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0	0			0
Boring Layout Approval	EA	0	0	0			0
Attend in BDR Review Meeting	EA	0	0	0			0
30/60/90% Submittal Review	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				0		Subtotal Project Manager Meetings	0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to Tab 3

Carries to Tab 3