

FOURTH AMENDMENT

This Amendment made and entered into this _____ day of _____, 20__, by and between Pinellas County, a political subdivision of the State of Florida, hereinafter referred to as "County," and HDR Engineering Inc., Tampa, FL hereinafter referred to as "Contractor," (individually referred to as "Party", collectively "Parties").

WITNESSETH:

WHEREAS, the County and the Contractor entered into an agreement on December 16, 2014, pursuant to Pinellas County Contract No. 134-0091-NC (hereinafter "Agreement") pursuant to which the Contractor agreed to provide Professional Engineering Services for County; and

WHEREAS, Section 25 of the Agreement permits modification by mutual written agreement of the parties; and

WHEREAS, the County and the Contractor now wish to modify the Agreement in order to provide for additional funding to complete project, at the same prices, terms, and conditions;

NOW THEREFORE, the Parties agree that the Agreement is amended as follows:

1. Additional scope and compensation of \$54,197.00 has been added as specified in Exhibit A and incorporated herein.

2 The PROJECT shall be developed by the CONSULTANT in accordance with applicable industry standards. The CONSULTANT shall be responsible for utilizing and maintaining current knowledge of any laws, ordinances, codes, rules, regulations, standards, guidelines, special conditions, specifications, or other mandates relevant to the PROJECT or the services to be performed.

3. The Contractor and Subcontractor must register with and use the E-verify system in accordance with Florida Statute 448.095. A Contractor and Subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Contractor enters a contract with a Subcontractor, the Subcontractor must provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The Contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontractor has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least one (1) year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set for in this section.

4. Except as changed or modified herein, all provisions and conditions of the original Agreement and any amendments thereto shall remain in full force and effect.

Each Party to this Amendment represents and warrants that: (i) it has the full right and authority and has obtained all necessary approvals to enter into this Amendment; (ii) each person executing this Amendment on behalf of the Party is authorized to do so; (iii) this Amendment constitutes a valid and legally binding obligation of the Party, enforceable in accordance with its terms.

IN WITNESS WHEREOF the Parties herein have executed this _____ Amendment as of the day and year first written above.

CONTRACTOR:

HOR Engineering Inc
Jennifer E. Hunt

Authorized Signature

Jennifer E. Hunt, PE
Printed Authorized Signature

Senior Vice President
Title Authorized Signature

PINELLAS COUNTY, by and through
its Board of County Commissioners

By: _____

Name: _____ Date: _____
Chairman

ATTEST:
Ken Burke,
Clerk of the Circuit Court
By: _____

Deputy Clerk

APPROVED AS TO FORM

By: *Jacina Parson*

Office of the County Attorney



November 1, 2021

Ann Venables, AICP, ENV SP
Project Manager
Capital Improvements Division
Pinellas County Public Works
14 South Ft. Harrison Ave.
6th Floor
Clearwater, FL 33756

Dear Ms. Venables,

The purpose of this letter is to request additional funding for PID 001036A San Martin Blvd. Bridge Replacement over Riviera Bay for the purposes as outlined in the accompanying scope and fee estimate. The additional funds are needed to support additional efforts related to the public meeting, performing ADA upgrades of project materials, and updating project documents.

The additional funding amount requested is \$54,197.00. If any further information regarding this request is needed please feel free to contact me.

Sincerely,
HDR Engineering, Inc.

A handwritten signature in blue ink that reads "Marlin A. Register II". The signature is written in a cursive, flowing style.

Marlin A. Register, II, P.E.
Vice President

SCOPE OF SERVICES

**PROFESSIONAL SERVICES AGREEMENT
ENGINEERING CONSULTING SERVICES**

**PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY
FOR
REHABILITATION OR REPLACEMENT OF SAN MARTIN BLVD.
BRIDGE OVER RIVIERA BAY
PUBLIC MEETING AND ADA UPGRADES
SUPPLEMENTAL AMENDMENT**

County PID: 001036A

Prepared for:

**Pinellas County Public Works
14 S. Fort Harrison Avenue
Clearwater, FL 33756**

Prepared by:

**HDR Engineering, Inc.
4830 W. Kennedy Blvd., Suite 400
Tampa, FL 33609-2548**

November 2021

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SCOPE OF SERVICES FOR CONSULTING ENGINEERING SERVICES

This Exhibit forms an integral part of the agreement between Pinellas County (hereinafter referred to as the COUNTY) and HDR Engineering, Inc. (hereinafter referred to as the CONSULTANT) relative to the transportation facility described as follows:

I. PROJECT TITLE

Professional Engineering Services for the PD&E Study for the Rehabilitation or Replacement of San Martin Blvd. Bridge (Bridge No. 154371) over Riviera Bay.

II. OBJECTIVE

The purpose of this Exhibit is to describe the scope of work and the responsibilities of the CONSULTANT and the COUNTY in connection with the Preliminary Engineering (Conceptual Design), and Environmental Studies necessary to comply with Florida Department of Transportation (FDOT) procedures and to obtain Federal Highway Administration (FHWA) Location and Design Concept Acceptance (LDCA) of proposed replacement of this structure through the FDOT Office of Environmental Management (OEM). The COUNTY and CONSULTANT entered into a contract for the delivery of the project study on December 29, 2014. The following scope details additional services that are required to complete the study based on project changes that have occurred as follows:

- In August 2021 the FDOT determined that the project will meet the requirements for a Type 1 Categorical Exclusion. The project has originally been determined to be a Type 2 Categorical Exclusion therefore additional services are required to update the environmental documentation.
- In April 2020 the project was scheduled to hold a public hearing, however due to the Covid-19 pandemic the public hearing was postponed. Additional services are required beyond the original scope of services to provide support a public meeting.
- In July 2020 the FDOT published an update to the Project Development and Environment (PD&E) Manual which require updates to the existing report documents.
- Update website materials made available to the public to meet American with Disabilities Act (ADA) requirements. Remediation will be prepared to reach WCAG 2.1 Level AA Compliance.

By way of this Supplemental Amendment the original scope of services will remain in effect in its entirety with the additional services authorized under this scope as outlined below.

III. PROJECT DESCRIPTION

The overall intent of the San Martin Blvd. Bridge (Bridge No. 154371) over Riviera Bay PD&E project is to evaluate alternatives for the rehabilitation or replacement of the San Martin Blvd. Bridge over Riviera Bay. The project limits extend along San Martin Blvd. From Tallahassee Drive to Weedon/Ridgeway

Drive in Pinellas County. The focus of this scope is for an update of the project reports to comply with the July 2020 FDOT PD&E Manual, update website materials to current ADA guidelines and provide services needed to hold a public meeting to present the preferred alternative to the public.

IV. SCOPE OF WORK

ENGINEERING ANALYSIS AND REPORTS

The CONSULTANT shall coordinate and perform the appropriate level of engineering analysis for this project as outlined in Part 1, Chapter 9 of the PD&E Manual and the appropriate sections.

Task 3: COMPARATIVE ANALYSIS OF ALTERNATIVES

- a. Comparative Analysis and Evaluation Matrix: The CONSULTANT shall update the comparative matrix based on new evaluations for NRE and construction cost estimates.

Task 4: ENVIRONMENTAL ANALYSIS

Natural Impacts

- i. Natural Resource Evaluation: The CONSULTANT will perform a review of the federal and state protected species list and perform a field review of the site for potential impacts to any new species added to Endangered Species Act Section 7 and to confirm that the previous documented effect determinations for the project still accurate. CONSULTANT shall prepare an Addendum Technical Memorandum for the NRE to document impacts to any new protected species.
- r. Contamination: The CONSULTANT will update the report to comply with the latest project information.

Task 5: ENVIRONMENTAL REPORTS

- a. **Class of Action Determination.**

The CONSULTANT shall update the Type 2 Categorical Exclusion (CE) Determination Form and all attachments through SWEPT in accordance with Part 1,

Chapter 5 of the PD&E Manual (Effective July 1, 2020). The CONSULTANT shall update the Project Commitments Report in accordance with FDOT guidelines.

Task 6: PUBLIC INVOLVEMENT

Public involvement includes communicating to and receiving information from all interested persons, groups, and government organizations information regarding the development of the project. The CONSULTANT shall coordinate and perform the appropriate level of public involvement for this project as outlined in Part 1, Chapter 11 of the PD&E Manual and the following sections.

The CONSULTANT shall provide to the COUNTY drafts of all Public Involvement collateral (i.e., newsletters, property owner letters, advertisements, etc.) associated with the following tasks for review and approval at least five (5) business days prior to printing and / or distribution.

f. Other (Unscheduled) Public and Agency Meetings

In addition to scheduled public meetings the CONSULTANT may be required to participate in unscheduled meetings with the public, elected officials, or public agencies. The CONSULTANT'S participation shall be limited to participation during the meeting, note taking, and summarizing the meeting in a memo to the file. It is estimated for this project there shall be ten (13) meetings during the study held at appropriate milestones as directed by the COUNTY. Meetings anticipated are as follows:

- a. County Meeting Coordination Meeting (5)
- b. ADA Coordination Meeting
- c. City Council One on One Meetings (1)
- d. FDOT Coordination Meeting (3)
- e. County Virtual Meeting Coordination Meeting
- f. Dry Run Through Meeting
- h. BCC Hearing Results Meeting

The CONSULTANT shall attend the meetings with an appropriate number of personnel to assist the COUNTY'S Project Manager.

g. Public Hearing

The CONSULTANT shall perform the services necessary to assist the County with holding a virtual public meeting. Service necessary include:

- Research new venue location to meet COVID-19 requirements.
- Preparation of updated public meeting plan.
- Preparation of updated invitations, notifications, and meeting materials to facilitate a virtual public meeting.
- Mailing list update.
- Preparation of an updated script for a video presentation.
- Preparation of scripts, graphics and voice recording for virtual open house portion of the meeting.
- Provision of a video presentation containing project information to be broadcast in the virtual meeting to attendees.
- Attend pre-meeting practice virtual session a minimum of one week prior to the meeting.

CONSULTANT shall combine comments submitted and any letters received by the COUNTY as part of the public meeting record. The CONSULTANT shall also prepare a Public Meeting Summary if the project shall be processed as a Categorical Exclusion.

i. Website Support

The CONSULTANT shall update existing website materials to meet ADA requirements.

V. COMPENSATION

The CONSULTANT shall provide the above outline Basic Services for the following fixed fee or estimated amounts.

Task 3	Comparative Analysis	\$ 792.00	Lump Sum
Task 4	Environmental Analysis	\$ 10,534.68	Lump Sum
Task 5	Environmental Reports	\$ 4,329.32	Lump Sum
Task 6	Public Involvement	\$ 38,541.00	Lump Sum
Total Fee		\$ 54,197.00	Lump Sum

VI. SCHEDULE

The CONSULTANT shall also provide a Microsoft Project Schedule with updates to be included with each monthly invoice submittal.

CONSULTANT'S services shall commence upon receipt of written notice to proceed issued by COUNTY for the Optional Services Authorization. CONSULTANT shall complete the Project Development and Environmental Study in accordance with the original project schedule.

VII. INVOICES & PROGRESS REPORTS

CONSULTANT shall submit invoices as work progresses based on the work accomplished. With each invoice, CONSULTANT shall submit a progress report summarizing the work completed during the invoice period.

EXHIBIT B - ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: San Martin Blvd. Over Riviera Bay Bridge Repl. PD&E - Public Meeting / ADA Upgrades - SA
 County: Pinellas
 FPN: 001036A
 FAP No.: TBD

Consult. Name: HDR Engineering
 Consult. No. **enter consultants proj. number**
 Date: 11/1/2021
 Estimator: **Marlin Register/Teresa Donaldson/Trinity Otero**

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Planner	Senior Engineer	Planner	Project Engineer	Engineering Intern	Designer	Engineering Technician	Chief Scientist	Senior Scientist	Secretary/Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$198.00	\$219.00	\$166.00	\$155.00	\$107.00	\$120.00	\$89.00	\$96.00	\$77.00	\$145.00	\$120.00	\$64.00			
Public Involvement	250	75	8	43	43	33	13	13	15	0	0	0	7	250	\$38,541.00	\$154.16
Engineering Analysis & Report	5	1	0	2	1	1	0	0	0	0	0	0	0	5	\$792.00	\$158.40
Environmental Analysis & Reports	103	3	3	18	10	0	5	5	0	0	38	21	0	103	\$14,864.00	\$144.31
Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	358	79	11	63	54	34	18	18	15	0	38	21	7	358		
Total Staff Cost		\$15,642.00	\$2,409.00	\$10,458.00	\$8,370.00	\$3,638.00	\$2,160.00	\$1,602.00	\$1,440.00	\$0.00	\$5,510.00	\$2,520.00	\$448.00		\$54,197.00	\$151.39

Check = \$54,197.00

Survey Field Days by Subconsultant
4 - Person Crew:

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.

SALARY RELATED COSTS:		\$54,197.00
OVERHEAD:	0.00%	\$0.00
OPERATING MARGIN:	0.00%	\$0.00
FCCM (Facilities Capital Cost Money):	0.00%	\$0.00
EXPENSES:	0.00%	\$0.00
SALARY RELATED SUBTOTAL:		\$54,197.00
Survey (Field - if by Prime)	0.00 4-man crew day \$ - / day	\$0.00
Trail Evaluation Component (See Separate Sheets)		\$0.00
SUBTOTAL - PRIME		\$54,197.00
Subconsultant: ACI, Inc. (ACI)		\$0.00
Subconsultant: KB Environmental, Inc. (KBE)		\$0.00
Subconsultant: Tierra, Inc.		\$0.00
Subconsultant: Intera, Inc.		\$0.00
Subconsultant: Adams Traffic		\$0.00
Subconsultant: The Valerin Group		\$0.00
Subconsultant: Sub 8		\$0.00
Subconsultant: Sub 9		\$0.00
Subconsultant: Sub 10		\$0.00
Subconsultant: Sub 11		\$0.00
Subconsultant: Sub 12		\$0.00
SUBTOTAL ESTIMATED FEE:		\$54,197.00
Optional Services		\$0.00
GRAND TOTAL ESTIMATED FEE:		\$54,197.00

PUBLIC INVOLVEMENT

Estimator:	(HDR) Marlin Register/Teresa Donaldson/Trinity Otero					San Martin Blvd. Over Riviera Bay Bridge Repl. PD&E - Public Meeting / ADA Upgrades - SA
						001036A
Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
Task 6	Public Involvement					
a.	Public Involvement Program *	L.S.	1	0	0	N/A
b.	Public Involvement Data Collection	L.S.	1	0	0	N/A
c.	Notice of Intent *	L.S.	1	0	0	N/A
d.	Advance Notification *	L.S.	1	0	0	N/A
e.	Scheduled Public Meetings	Item	total	----->	0	
	Scoping Meeting					N/A
	Set Up/Scoping Package *	L.S.			0	N/A
	Participation	L.S.			0	N/A
	Elected Officials/Agency Kickoff Meeting					N/A
	Set Up *	L.S.	1	0	0	N/A
	Participation and notes	L.S.	1	0	0	N/A
	Public Kickoff Meeting					
	Set up *	L.S.	1	0	0	N/A
	Participation and notes	L.S.	1	0	0	N/A
	Corridor or other Public Meeting					N/A
	Set up *	L.S.			0	N/A
	Participation and notes	L.S.			0	N/A

PUBLIC INVOLVEMENT

Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
	Alternatives Public Meeting					NA
	Set up *	L.S.	1	0	0	NA
	Participation and notes	L.S.	1	0	0	NA
f.	Other (Unscheduled) Public and Agency Meetings	per meeting	12	6.2	74	County Hearing Coordination Meeting (5 w/ 2 staff at 2 hr/ea = 20 hours); ADA Coordination Meeting (1 w/ 3 staff @ 2 hr/ea = 6 hrs.); City Council One on One Meetings (1 w/ 1 staff at 2 hr/ea = 2 hrs); FDOT Coordination Meeting (3 w/ 3 staff @ 2 hr/ea = 18 hrs); County Virtual Meeting Coordination Meeting (1 w/ 3 staff at 4 hours ea = 12 hrs); Dry Run Through (1 meeting w/ 4 staff @ 3 hrs/ ea. = 12 hrs.); Meeting BCC Hearing Results Meeting (1 staff @ 4 hr/ea = 4 hrs).
g.	Public Hearing	Item total		----->	132	
	Invitation / notification / setup / follow-up *	L.S.	1	132	132	Develop hybrid public meeting plans (4 hrs.), Research new venue locations (4 hrs.), Prepare new mailing list (20 hrs.), Prepare updated letters for mailout, fact sheet, comment forms (40 hrs.); Prepare updated PowerPoint presentation, presentation script, presentation video w/ voice over, moderator script and graphics including audio for virtual open house (64 hours)
	Participation	L.S.	0	0	0	
h.	Location and Design Concept Acceptance	L.S.	1	0	0	NA
i.	Special Public Involvement Requirements	Item total		----->	32	NA
	Waterfront Property Owner Vessel Survey	L.S.	1	0	0	NA
	General Public Correspondence *	L.S.	1	0	0	NA
	News Letters, Preparation / Distribution *	L.S.	1	0	0	NA
	Web Site Support *	L.S.	1	32	32	Update existing website materials for ADA requirements.
	Web Site Support*	per month	0	0	0	NA
	Videos, Renderings, etc. *	L.S.	1	0	0	NA
		Sub total		----->	238	
	*subject to QC		% QC			
1.10	Quality Assurance / Quality Control	LS	5	%	12	
	PUBLIC INVOLVEMENT TOTAL HOURS			----->	250	

ENGINEERING ANALYSIS AND REPORT

Estimator:	(HDR) Marlin Register/Trinity Otero					San Martin Blvd. Over Riviera Bay Bridge Repl. PD&E - Public Meeting / ADA Upgrades - SA 001036A
Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
	ENGINEERING ANALYSIS and REPORTS					
Task 1	DATA COLLECTION					
a.	Field Review	L.S.	1	0	0	NA
b.	Aerial Photography	L.S.	1	0	0	NA
c.	Survey Coordination	L.S.	1	0	0	NA
d.	Existing Roadway Characteristics	L.S.	1	0	0	NA
e.	Existing Structures Characteristics	per structure	1	0	0	NA
f.	Traffic Data	L.S.	1	0	0	NA
g.	Crash Data	L.S.	1	0	0	NA
h.	Tax Map GIS Data	L.S.	1	0	0	NA
i.	Utilities and Railroads	per agency	0	0	0	NA
j.	Transportation Plans	L.S.	1	0	0	NA
k.	Soils	L.S.	1	0	0	NA
l.	Base map *	per sheet	1	0	0	NA
	NEEDS					
m.	Safety *	L.S.	1	0	0	NA
n.	Analysis of Existing Conditions *	L.S.	1	0	0	NA
o.	Purpose and Need Statement *	L.S.	1	0	0	NA

ENGINEERING ANALYSIS AND REPORT

Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
Task 2	DESIGN ANALYSIS					
a.	Corridor Analysis *	L.S.	1	0	0	NA
a.	Traffic Analysis	Item total		----->	0	
	Design Traffic *	L.S.	1	0	0	
	Traffic Operational Analysis *	L.S.	1	0	0	NA
	Design Traffic Documentation *	L.S.	1	0	0	NA
b.	Typical Section Analysis *	per typ section	0	0	0	NA
c.	Roadway Design Alternatives *	L.S.	1	0	0	NA
d.	Prepare Concept Plans *	per sheet	0	0	0	NA
e.	Drainage and Floodplain Analyses	Item total		----->	0	
	Drainage and Floodplain Analyses and Pond Siting Report *	per basin	1	0	0	
	Location Hydraulic Report *	L.S.	1	0	0	NA
f.	Structures *	per structure	1	0	0	NA
g.	Access Management *	L.S.	1	0	0	NA
h.	Multi-modal Accommodations *	per agency	2	0	0	NA
i.	Maintenance of Traffic Analysis *	L.S.	1	0	0	NA
j.	Geotechnical Coordination	L.S.	1	0	0	NA
	Intelligent Transportation Systems *	L.S.	1	0	0	NA
k.	Utilities and Railroads *	L.S.	1	0	0	NA
l.	ADA Features	L.S.	1	0	0	NA

ENGINEERING ANALYSIS AND REPORT

Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
Task 3	COMPARATIVE ANALYSIS OF ALTERNATIVES					
a.	Comparative Analysis and Evaluation Matrix *	L.S.	1	5	5	Update comparative matrix based on new NRE information, and cost estimates
b.	Selection of Alternative(s) *	L.S.	1	0	0	NA
c.	Conceptual Design Plans (preferred) *	per sheet	0	0	0	NA
	Identify Construction Segments *	L.S.	1	0	0	NA
	Value Engineering	per study	0	0	0	NA
d.	Construction Cost Estimates *	L.S.	1	0	0	NA
e.	Right of Way Cost Estimates	Item total		----->	0	
	Notes and Maps for Estimate *	L.S.			0	NA
	Preparation Cost Estimate *	L.S.			0	NA
f.	Typical Section Package *	L.S.	1	0	0	NA
g.	Design Exceptions and Variations *	L.S.	1	0	0	NA
h.	Preliminary Engineering Report	Item total		----->	0	
	First Draft *	L.S.	1	0	0	NA
	Second Draft *	L.S.	1	0	0	NA
	Final *	L.S.	1	0	0	NA
		Sub total		----->	5	
	*Subject to QC		% QC			
2.40	Quality Control	L.S.	5 %		0	
	ENGINEERING TOTAL HOURS			----->	5	

ENVIRONMENTAL ANALYSIS AND REPORTS

Estimator: (HDR) Marlin Register / Vonni Moore / Trinity Otero		San Martin Blvd. Over Riviera Bay Bridge Repl. PD&E - Public Meeting / ADA Upgrades - SA				
		001036A				
Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
Task 4	ENVIRONMENTAL ANALYSIS and REPORTS					
	SOCIAL AND CULTURAL IMPACTS					
a.	Land Use Changes *	L.S.	1	0	0	NA
b.	Social *	L.S.	1	0	0	NA
c.	Economic *	L.S.	1	0	0	NA
d.	Mobility *	L.S.	1	0	0	NA
e.	Aesthetics *	L.S.	1	0	0	NA
f.	Relocation Potential	Item total		----->	0	
	Concept Stage Relocation Plan *	L.S.			0	NA
	Review and Impact Determination *	L.S.			0	NA
g.	Archaeological and Historical Resources	Item total		----->	0	
	Archaeology	# holes	0	0	0	NA
	Historic Sites	# sites	0	0	0	NA
	Florida Master Site Files *	L.S.			0	NA
	Pond Site Addendum *	L.S.			0	NA
	Cultural Resource Assessment Survey *	L.S.			0	NA
	Determination of Eligibility *	each resource	0	0	0	NA
	Case Study Report *	L.S.			0	NA
	Memorandum of Agreement *	L.S.			0	NA
h.	Section 4(f)	Item total		----->	0	
	Section 4 (f) Applicability *	L.S.			0	NA
	Section 4 (f) Evaluation *	L.S.			0	NA

ENVIRONMENTAL ANALYSIS AND REPORTS

Estimator: (HDR) Marlin Register / Vonni Moore / Trinity Otero		San Martin Blvd. Over Riviera Bay Bridge Repl. PD&E - Public Meeting / ADA Upgrades - SA				
		001036A				
Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
Task 4	ENVIRONMENTAL ANALYSIS and REPORTS					
	SOCIAL AND CULTURAL IMPACTS					
a.	Land Use Changes *	L.S.	1	0	0	NA
b.	Social *	L.S.	1	0	0	NA
c.	Economic *	L.S.	1	0	0	NA
d.	Mobility *	L.S.	1	0	0	NA
e.	Aesthetics *	L.S.	1	0	0	NA
f.	Relocation Potential	Item total		----->	0	
	Concept Stage Relocation Plan *	L.S.			0	NA
	Review and Impact Determination *	L.S.			0	NA
g.	Archaeological and Historical Resources	Item total		----->	0	
	Archaeology	# holes	0	0	0	NA
	Historic Sites	# sites	0	0	0	NA
	Florida Master Site Files *	L.S.			0	NA
	Pond Site Addendum *	L.S.			0	NA
	Cultural Resource Assessment Survey *	L.S.			0	NA
	Determination of Eligibility *	each resource	0	0	0	NA
	Case Study Report *	L.S.			0	NA
	Memorandum of Agreement *	L.S.			0	NA
h.	Section 4(f)	Item total		----->	0	
	Section 4 (f) Applicability *	L.S.			0	NA
	Section 4 (f) Evaluation *	L.S.			0	NA

ENVIRONMENTAL ANALYSIS AND REPORTS

Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
	NATURAL IMPACTS					
i.	Natural Resource Evaluation	Item	total	----->	64	
	Data Collection - Wetlands	L.S.	1	0	0	NA
	Data Collection - Essential Fish Habitat	L.S.	1	0	0	NA
	Conceptual Mitigation Plan *	L.S.	1	0	0	NA
	Analysis & Report - Natural Resource Evaluation *	L.S.	1	64	64	Perform desktop and field review to verify commitment status and potential effects to new species (10 hours), Research new endangered species list and UWFWS IPaC and FNAI reports and prepare NRE addendum for PER and Type 1 CE (52 hours); Coordinate with FDOT and Agencies (2 hours)
	Evaluation & Report - Wetlands *	L.S.	1	0	0	NA
j.	Water Quality *	L.S.	1	0	0	NA
k.	Special Designations *	L.S.	1	0	0	NA
l.	Wildlife and Habitat	Item	total	----->	0	
	Data collection	L.S.	1	0	0	NA
	Analysis and report *	L.S.	1	0	0	NA
	Conservation Measures and Mitigation Plan *	L.S.	1	0	0	NA
m.	Identify Permit Conditions *	L.S.	1	0	0	NA
n.	Farmlands *	L.S.	1	0	0	N/A

ENVIRONMENTAL ANALYSIS AND REPORTS

Task No.	Task	Units	# of Units	Hours / Unit	HOURS	Comments
	PHYSICAL IMPACTS					
o.	Noise	Item	total	----->	0	N/A
	Data collection, and field work	L.S.			0	
	Analysis *	L.S.			0	
	Report *	L.S.			0	
p.	Air Quality	Item	total	----->	0	N/A
	Scening Analysis *	L.S.			0	
	Air Quality Modeling *	L.S.			0	
q.	Construction Impact Analysis *	L.S.	1	0	0	
r.	Contamination	Item	total	----->	4	
	Field Data	L.S.			0	
	Analysis/Report *	L.S.			4	Update CSTM (4 hours)
Task 5	ENVIRONMENTAL REPORTS					
a.	Class of Action Determination (State Environmental Impact Report) *	L.S.	1	30	30	Prepare Type 1 CE Form (22 hrs), Prepare ADA compliant Draft Type 1 CE (5 hours). Update Project Commitments per FDOT guidelines (3 hours)
b.	Environmental Assessment *	L.S.	1	0	0	N/A
c.	FONSI *	L.S.	1	0	0	N/A
d.	Draft EIS *	L.S.	1	0	0	N/A
e.	Final EIS *	L.S.	1	0	0	N/A
			Sub total	----->	98	
			% QC			
	* Subject to QC					
3.24	Quality Control	L.S.		5 %	5	
	ENVIRONMENTAL TOTAL HOURS			----->	103	