



APTIM
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December 17, 2019

Gary McAlpin, Manager
Collier County Coastal Zone Management
2685 S. Horseshoe Drive, Suite 103
Naples, FL 34104

Re: Phase II Consulting Services in Support of the U.S. Army Corps of Engineers Feasibility Study for the Collier County Hurricane and Storm Damage Reduction (HSDR) Project: Contract #15-6382

Dear Gary:

This letter is in response to Collier County's (County) request for a proposal for Aptim Environmental & Infrastructure, LLC (APTIM) and its sub-contractor, Coastal Protection Engineering LLC (CPE), herein referenced as the APTIM Team, to perform consulting engineering tasks under the above referenced contract. The APTIM Team will continue to support the County and the U.S. Army Corps of Engineers (Corps) during the second phase of the Feasibility Study for the Collier County Hurricane and Storm Damage Reduction (HSDR) Project.

The APTIM Team will provide professional services for agency coordination and technical review of the Feasibility Report and Agency Decision, as described in the scope of work attached as Exhibit A. Also included as attachments are the Fee Proposal (Exhibit B), the Rates Schedule (Exhibit C), and CPE Proposal (Exhibit D). We propose to perform these services on a time and material and lump sum basis not to exceed \$44,202.60. The APTIM Team will perform this work under the terms and conditions of Contract No. 15-6382 dated June 9, 2015. Barring any unforeseen circumstances, all work will be completed within 240 days of receiving the County's Notice to Proceed.

Sincerely,

Holly Berckenhoff, EIT
Junior Coastal Engineer
Aptim Environmental & Infrastructure, LLC

Authorized Corporate Signature

Jeffrey Andrews

Name

Director of Operations

Title



cc: Stephen Keehn, PE, APTIM
Lauren Floyd, CPE
Tara Brenner, PG, PE, CPE



Exhibit A
Scope of Work

Phase II
Consulting Services in Support of the U.S. Army Corps of Engineers Feasibility Study for
the Collier County Hurricane and Storm Damage Reduction (HSDR) Project
Collier County, Florida
Contract Number 15-6382

INTRODUCTION

The purpose of this work is to provide continued support to Collier County (County) throughout the U.S. Army Corps of Engineers (Corps) Feasibility Study for the Collier County Hurricane and Storm Damage Reduction (HSDR) Project. Aptim Environmental & Infrastructure, LLC (APTIM) and their sub-consultant, Coastal Protection Engineering LLC (CPE), herein referenced as the APTIM Team, will provide the professional services described below as required by Collier County during the second phase of the Corps Feasibility Study process.

Task 1. Agency Coordination & Meetings

In support of the Feasibility Study process, the APTIM Team will prepare for, and attend planning meetings with County and Corps staff. It is anticipated that there will be one meeting within Collier County and one meeting either in Tallahassee with the Florida Department of Environmental Protection (FDEP) or in Norfolk with the Corps; up to two representatives from the APTIM Team will participate in these in-person meetings. The APTIM Team will also participate in regular Project Delivery Team (PDT) and In Progress Review (IPR) meetings via conference call, as well as any other conference calls requested by the County and/or Corps.

Task 2. Technical Support & Plan Review

The APTIM Team has technical experience in all aspects of the Corps planning process, which we will use to advise the County on technical matters including: planning, design and optimization criteria, parking, access, benefit analysis, cost apportionment, project partnership agreements, easements, and other technical matters. This support will be directed towards assisting in the development of a federal project that maximizes the County's resiliency goals, identifies and develops any components of their preferred resiliency program beyond that covered by the Corps' recommended project, and maximizes the cost effectiveness in implementing a combined project.

Under Phase II of consulting services, the APTIM Team will continue coordination of comments on the Tentatively Selected Plan (which is being reviewed under APTIM's Phase I assignment) and provide review and analysis of the draft Feasibility Report (March 2020) and the Agency Decision (June 2020) milestone results. In consultation with the County staff, we will prepare pertinent comments for consideration by the Corps.

Task 3. Sub-Consultants

CPE will provide engineering consulting services in support of Tasks 1 and 2.

Task 4. Reimbursable Expenses

Estimated reimbursable expenses to support work conducted for Tasks 1 and 2.



**Exhibit B
Fee Proposal**

EXHIBIT B
FEE PROPOSAL FOR
PHASE II
CONSULTING SERVICES IN SUPPORT OF THE U.S. ARMY CORPS OF ENGINEERS FEASIBILITY STUDY FOR THE COLLIER COUNTY HURRICANE AND STORM DAMAGE REDUCTION (HSDR) PROJECT

December 17, 2019

Task Item	Cost	LABOR COSTS					SUB-CONTRACTOR	REIMBURSABLE EXPENSES					
		Senior Project Manager (Hours)	Planner/ Coastal Engineer I (Hours)	GIS Specialist/ CAD Specialist (Hours)	Senior Scientist/ Geologist (Hours)	Surveyor & Mapper/ Professional Surveyor & Mapper (Hours)	Coastal Protection Engineering (CPE) (Lump Sum)	Meals	Mileage	Tolls & Parking	Rental Car	Airfare	Hotel
1 Agency Coordination & Meetings (T&M)	\$16,504.00	80	24										
2 Technical Support & Plan Review (T&M)	\$15,062.00	60	24	8	8	2							
3 Sub-Consultants (LS)	\$10,813.90						\$10,298.95						
4 Reimbursable Expenses (T&M)	\$1,822.70							4	260	1	1	2	2
	Total Hours =	140	48	8	8	2	\$10,298.95	4	260	1	1	2	2
	Rate =	\$173	\$111	\$103	\$119	\$121	1.05	\$36.00	\$0.45	\$88.00	\$75.00	\$500.00	\$200.00
	Cost =	\$24,220	\$5,328	\$824	\$952	\$242	\$10,813.90	\$144.00	\$115.70	\$88.00	\$75.00	\$1,000.00	\$400.00
	TIME & MATERIALS TOTAL	\$33,388.70											
	LUMP SUM TOTAL	\$10,813.90											
	TOTAL	\$44,202.60											



**Exhibit C
Rate Schedule**

SCHEDULE B

RATE SCHEDULE

Title	Rate
Principal	\$207.00
Senior Project Manager	\$173.00
Project Manager	\$148.00
Senior Engineer	\$158.00
Engineer	\$124.00
Senior Inspector	\$97.00
Inspector	\$77.00
Senior Planner	\$140.00
Planner	\$111.00
Senior Designer	\$115.00
Designer	\$95.00
Environmental Specialist	\$110.00
Senior Environmental Specialist	\$135.00
Scientist/Geologist	\$94.00
Senior Scientist/Geologist	\$119.00
Marine Biologist/Hydrogeologist	\$111.00
Senior Marine Biologist/Hydrogeologist	\$139.00
Senior GIS Specialist	\$146.00
GIS Specialist	\$103.00
Clerical/Administrative	\$63.00
Senior Technician	\$86.00
Technician	\$73.00
Surveyor and Mapper	\$121.00
CAD Technician	\$82.00
Survey Crew - 2 man	\$136.00
Survey Crew - 3 man	\$172.00
Survey Crew - 4 man	\$205.00
Senior Architect	\$155.00
Architect	\$122.00

This list is not intended to be all inclusive. Hourly rates for other categories of professional, support and other services shall be mutually negotiated by Collier County and firm on a project by project basis as needed.



**Exhibit D
CPE Proposal**



COASTAL PROTECTION ENGINEERING

5301 N. FEDERAL HWY, SUITE 335

BOCA RATON, FL 33487

561-565-5100

December 17, 2019

Beau Suthard, PG
Client Program Manager
Aptim Environmental & Infrastructure, LLC
Submitted via email to Beau.Suthard@aptim.com

Re: Proposal to Assist with Collier County, Phase II, Consulting Services in Support of the U.S. Army Corps of Engineers Feasibility Study for the Collier County Hurricane and Storm Damage Reduction (HSDR) Project

Dear Beau

This proposal is in response to Aptim Environmental & Infrastructure's (APTIM) request for Coastal Protection Engineering LLC (CPE) to assist APTIM in providing consulting services to Collier County related to the U.S. Army Corps of Engineers Feasibility Study for the Collier County Hurricane and Storm Damage Reduction (HSDR) Project. Lauren Floyd, Senior Marine Biologist will plan to attend project meetings throughout the work and will review and comment on environmental, biological, and permitting components of the draft Feasibility Report and Agency Decision milestone results. Tara Brenner, Project Manager and Tom Pierro, Principal will be available to support Steve Keehn in reviewing engineering sections of the reports.

Our fee proposal of estimated hours to provide these services is attached. All work will be performed in accordance with the existing Master Service Agreement between APTIM and CPE executed July 24, 2019. This cost is limited to a projection of hours and estimate of effort based on information known at this time. Should the project or client require additional services beyond these estimated hours, we will discuss adjustments with APTIM as deemed appropriate.

If you have any questions, please feel free to contact me directly at 631-896-9137.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tara Brenner", is written over a light blue horizontal line.

Tara Brenner, PG, PE
Senior Coastal Engineer
Coastal Protection Engineering LLC

Mobile: 631-896-9137
tbrenner@coastalprotectioneng.com

Quote No. 2019086

**APTIM**

2481 NW BOCA RATON BLVD,
33431 Boca Raton, Florida, United
States of America

Project manager:

Tara Brenner
Phone: +16318969137
E-mail: tbrenner@coastalprotectioneng.com

Date: 12/10/2019

Comment: Collier's USACE Feasibility
Study - Phase II

Product name & additional info	Quantity	Price	Sum
Collier - Principal Engineer (TP)	4	196.65	786.60
Collier - Project Manager (TB)	16	140.60	2,249.60
Collier - Senior Marine Biologist (LF)	55	132.05	7,262.75
		Subtotal:	10,298.95
		Tax:	0.00
		Total (USD):	10,298.95

Coastal Protection Engineering LLC
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