

EXECUTIVE SUMMARY

Recommendation to approve a proposal for hourly engineering services to support the County with FEMA appeal assistance with Coastal Planning & Engineering, Inc. (CP&E) for a not to exceed time and material amount of \$20,000.

OBJECTIVE: To provide assistance to support the County's defense against deobligation of FEMA funding.

CONSIDERATIONS: The scope of work for this proposal will provide the following:

- A. CPE will review and analyze the FEMA objections. FEMA Project Worksheets (PWs) will be reviewed for each of the storms along with the corresponding appeal from FEMA. The issues noted in the appeal will be addressed in the report.
- B. CPE will review previous storm reports and volumetric losses for Tropical Storm Gabrielle, Hurricane Katrina and Wilma, and Tropical Storm Fay. Storm impacts will be re-analyzed for the various storm periods. Volumetric changes from the storm periods will be compared to quiescent periods with no storm activity in order to determine background erosion. Profile survey data from July 2000 to present will be analyzed. The evaluation will consider the effects of supplemental fill added directly to the project area. A historic timeline from 1995 to present will also be prepared noting significant storm events, supplemental fill, nourishment events, and monitoring surveys. Figures and Tables will be prepared from the findings.
- C. CPE will prepare a report along with supporting documentation to support the County's defense against the deobligation of FEMA funding. The report will be prepared describing the methods and results of the reanalysis compared to previous storm reports and FEMA project worksheets. Pertinent tables and figures will be included within the report.

FISCAL IMPACT: The Source of funds is from Category "A" Tourist Development Tax fund 195. It is estimated that \$20,000 is required to perform these activities.

GROWTH MANAGEMENT IMPACT: There is no impact to the Growth Management Plan related to this action.

LEGAL CONSIDERATIONS: County Attorney's Office, review pending.

RECOMMENDATION: To approve a proposal for hourly engineering services to support the County with FEMA appeal assistance with Coastal Planning & Engineering, Inc. (CP&E) for a not to exceed time and material amount of \$20,000.

PREPARED BY: J. Gary McAlpin, P.E., Coastal Zone Management, Natural Resources Department

ATTACHMENTS: Proposal



October 17, 2012

Gary McAlpin
Director
Collier County Coastal Zone Management
2800 N. Horseshoe Drive
Naples, FL 34104

**Re: Collier County FEMA Assistance
(Contract No. 09-5262 "County-Wide Engineering Services")**

Dear Gary:

This letter is a proposal for hourly services for Coastal Planning & Engineering, Inc. (CPE) to perform staff engineering task to support the County with FEMA appeal assistance. CPE will provide the technical analysis and assistance to support the County's defense against deobligation of FEMA funding. CPE will analyze FEMA objections, re-analyze the magnitude of storm impacts, and prepare the necessary reports/documentation.

A scope of work is included as Exhibit A, the fee proposal is included as Exhibit B, and the rates schedule is provided as Exhibit C. The cost with time and materials should not to exceed \$20,000.

Very truly yours,

COASTAL PLANNING & ENGINEERING, INC.

Stephen Keen, P.E.
Senior Coastal Engineer

cc: Gail Hambright, Collier County Government
Sheri Dindial, CPE

Authorized Corporate Signature

Thomas P. Pierro

Printed Name

Director

Title

CLIENT: COLLIER COUNTY GOVERNMENT

Acknowledgement and Acceptance:

Authorized Representative Signature

Printed Name

Title

Date

Exhibit A
Scope of Work

**FEMA Assistance
Collier County, Florida
Scope of Work**

This scope of work details the engineering tasks required to support the County with FEMA appeal assistance.

A. Review FEMA Objections

CPE will review and analyze the FEMA objections. FEMA Project Worksheets (PWs) will be reviewed for each of the storms along with the corresponding appeal from FEMA. The issues noted in the appeal will be addressed in the report.

B. Analyze Storm Impacts

CPE will review previous storm reports and volumetric losses for Tropical Storm Gabrielle, Hurricane Katrina and Wilma, and Tropical Storm Fay. Storm impacts will be re-analyzed for the various storm periods. Volumetric changes from the storm periods will be compared to quiescent periods with no storm activity in order to determine background erosion. Profile survey data from July 2000 to present will be analyzed. The evaluation will consider the effects of supplemental fill added directly to the project area. A historic timeline from 1995 to present will also be prepared noting significant storm events, supplemental fill, nourishment events, and monitoring surveys. Figures and Tables will be prepared from the findings.

C. Preparation of Report/Documentation

CPE will prepare a report along with supporting documentation to support the County's defense against the deobligation of FEMA funding. The report will be prepared describing the methods and results of the reanalysis compared to previous storm reports and FEMA project worksheets. Pertinent tables and figures will be included within the report.

Exhibit B
Fee Proposal

**EXHIBIT B
 FEE PROPOSAL FOR
 COLLIER COUNTY
 FEMA ASSISTANCE**

October 17, 2012

Task Item	Cost	LABOR COSTS								
		Principal (Hours)	Senior Project Manager (Hours)	Senior Engineer (Coastal) (Hours)	Engineer (Coastal) (Hours)	Senior GIS/CAD Specialist (Hours)	CAD Technician (Hours)	GIS Specialist (Hours)	Clerical Book-keeper (Hours)	Travel (\$)
FEMA ASSISTANCE										
A Review FEMA Objections	\$ 4,912		24		8					
B Analyze Storm Impacts	\$ 6,978		12		42					
C Prepare Report/Documentation	\$ -	1	10		40	3	6	2	6	
	Total Hours =	1	46	0	90	3	6	2	6	\$0
	Rate =	\$195	\$165	\$155	\$119	\$145	\$85	\$100	\$60	1.0
	Cost =	\$195	\$7,590	\$0	\$10,710	\$435	\$510	\$200	\$360	\$0
	LABOR									\$20,000
	INDIRECT COSTS									\$0
	TOTAL									\$20,000



**LABOR
 INDIRECT COSTS**

TOTAL

Exhibit C
Rate Schedule

Exhibit C

Schedule B

Contract No: 09-5262 "County Wide Engineering Services"

Standard Hourly Rate Schedule for all disciplines

<u>Personnel Category</u>	<u>Standard Hourly Rate</u>
Principal	\$195
Senior Project Manager	\$165
Project Manager	\$148
Senior Engineer	\$155
Engineer	\$119
Senior Inspector	\$85
Inspector	\$65
Senior Planner	\$140
Planner	\$110
Senior Designer	\$115
Designer	\$100
Environmental Specialist	\$115
Senior GIS Specialist	\$145
GIS Specialist	\$100
Clerical	\$60
Surveyor and Mapper	\$130
CADD Technician	\$85
Survey Crew - 2 man	\$130
Survey Crew - 3 man	\$160
Survey Crew - 4 man	\$180

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