

## **EXECUTIVE SUMMARY**

**Recommendation to approve a Work Order with Coastal Planning & Engineering, Inc. to develop beach map books under Contract No. 13-6164-CZ for a Time and Material amount not to exceed \$2,545 and make a finding that this item promotes tourism (Project No. 80096).**

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**OBJECTIVE:** To develop beach map books for Collier County.

**CONSIDERATIONS:** Every 5-years staff develops beach map books as reference material to aid in addressing routine citizen questions and decision making. This scope of work was requested to prepare an aerial map series for the Collier County Beach Renourishment Project. CP&E will prepare a map series at a scale of 1 inch equals 100 feet for the County to include Barefoot Beach (R1-R16), Wiggins (R17-R22), Vanderbilt (R22-R30), Pelican Bay (R31-R41), Clam Pass/Park Shore (R42-R57), Naples Beach (R58-R89), Keewaydin (R90-R127), Marco Beach (R130-R148; K1 and K2), Hideaway (H1-H16; T128-R131) and Goodland.

**FISCAL IMPACT:** Funding is available through Tourist Development Tax, fund 195 Project No. 80096 FY 13 Beach Analysis/Design. Funding for this work order will not be requested for reimbursement from any grantor agency.

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

**ADVISORY COMMITTEE RECOMMENDATIONS:** Staff recommends this item be recommended for approval.

**LEGAL CONSIDERATIONS:** This item has been approved as to form and legality and requires majority vote for approval. – CMG

**RECOMMENDATION:** Recommendation to approve a Work Order with Coastal Planning & Engineering, Inc. to develop beach map books under Contract No. 13-6164-CZ for a Time and Material amount not to exceed \$2,545 and make a finding that this item promotes tourism (Project No. 80096).

Prepared By: J. Gary McAlpin, P.E., Coastal Zone Management, Natural Resources Department

Attachments: 1) Proposal, 2) Work Order

July 3, 2014

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

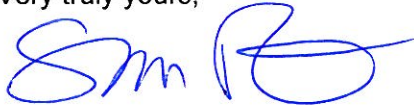
**Re: Beach Renourishment Aerial Maps  
(Contract No. 13-6164-CZ "Professional Services: Architect and Engineering")**

Dear Gary:

This proposal is for hourly services for Coastal Planning & Engineering, Inc. to perform staff engineering tasks to support the County with preparing a map series under the terms and conditions of the above referenced Agreement. This scope of work details the tasks required to create a pdf deliverable to the County that depicts 2014 aerials with the beach renourishment project's construction baseline and the pre-construction mean high water (MHW) line at a scale of 1 inch equals 100 feet.

A scope of work is included as Exhibit A, the fee proposal is included as Exhibit B, and the rate schedule is provided as Exhibit C. The cost with time and materials is not to exceed \$2,545.

Very truly yours,



Thomas P. Pierro, P.E., DC.E.  
Director  
Coastal Planning & Engineering, Inc.

cc: Gail Hambright, Collier County Government  
Tara Brenner, P.G.

CLIENT: COLLIER COUNTY GOVERNMENT

Acknowledgement and Acceptance:

\_\_\_\_\_  
Authorized Representative Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**Exhibit A**  
**Scope of Work**

**Exhibit A**  
**Beach Renourishment Aerial Map Series**  
**Collier County, Florida**  
**Scope of Work**

This scope of work details the tasks necessary to address the County's request for an aerial map series for the Collier County Beach Renourishment Project. Coastal Planning & Engineering, Inc. will prepare a map series at a scale of 1 inch equals 100 feet for the County to include Barefoot Beach (R1-R16), Wiggins (R17-R22), Vanderbilt (R22-R30), Pelican Bay (R31-R41), Clam Pass/Park Shore (R42-R57), Naples Beach (R58-R89), Keewaydin (R90-R127), Marco Beach (R130-R148; K1 and K2), Hideaway (H1-H16; T128-R131) and Goodland depicting the following:

- 2014 aerials
- Construction baseline (where it exists)
- April 2013 MHW line
- Select geographic landmarks and building names
- Distance from MHW and vegetation line to the construction baseline at each monument

The maps will be provided in a high-resolution pdf format for the County's use. All work will be complete and submitted to the County within 120 days of receiving the Notice to Proceed.

**Confidentiality Statement**

*The information contained in this proposal is confidential commercial information and shall not be disclosed, except for evaluation purposes, provided that if a contract is awarded as a result of or in connection with the submission of this proposal, the requester shall have the right to use or disclose the data to the extent provided in the contract. This restriction does not limit the requestor's right to use or disclose any technical data obtained from another source without restriction.*

**Exhibit B**  
**Fee Proposal**

**EXHIBIT B**  
**FEE PROPOSAL FOR**  
**Beach Renourishment Aerial Maps**  
**Collier County, Florida**

July 3, 2014

Task Item	Cost	Senior Project Manager	Engineer (Coastal)	Senior GIS Specialist	CADD Technician
		(Hours)	(Hours)	(Hours)	(Hours)
<b>Prepare Aerial Maps</b>	\$ 2,545	1	8	3	12
	Total Hours =	1	8	3	12
	Rate =	\$172	\$123	\$139	\$81
	Cost =	\$172	\$984	\$417	\$972
<b>LABOR</b>	<b>\$2,545</b>				
<b>TOTAL</b>	<b>\$2,545</b>				

**Exhibit C**  
**Rate Schedule**

Exhibit C  
**SCHEDULE B: RATE SCHEDULE**

<b>Title</b>	<b>Standard Hourly Rate</b>
Principal	\$ 206.00
Senior Project Manager	\$ 172.00
Project Manager	\$ 147.00
Senior Engineer	\$ 157.00
Engineer	\$ 123.00
Senior Inspector	\$ 96.00
Inspector	\$ 76.00
Senior Planner	\$ 139.00
Planner	\$ 110.00
Senior Designer	\$ 114.00
Designer	\$ 94.00
Environmental Specialist	\$ 109.00
Senior Environmental Specialist	\$ 134.00
Scientist/Geologist	\$ 93.00
Senior Scientist/Geologist	\$ 118.00
Marine Biologist/Hydrogeologist	\$ 110.00
Senior Marine Biologist/Hydrogeologist	\$ 138.00
Senior GIS Specialist	\$ 139.00
GIS Specialist	\$ 102.00
Clerical/Administrative	\$ 62.00
Senior Technician	\$ 85.00
Technician	\$ 72.00
Surveyor and Mapper	\$ 120.00
CADD Technician	\$ 81.00
Survey Crew - 2 man	\$ 130.00
Survey Crew - 3 man	\$ 161.00
Survey Crew - 4 man	\$ 189.00
Senior Architect	\$ 154.00
Architect	\$ 121.00

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.