

## **EXECUTIVE SUMMARY**

**Recommendation to approve a proposal from CB&I Coastal Planning & Engineering, Inc., dated March 21, 2014 to support FDEP FY 2014/15 Local Government Funding Request (LGFR) application and scope eligibility discussions and determination under Contact No. 13-6164 for time and material not to exceed \$2,455, and make a finding that this expenditure promotes tourism.**

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**OBJECTIVE:** Resolve scope eligibility and funding with FDEP's FY 2012/15 LGFR Application

**CONSIDERATIONS:** This proposal details the tasks necessary to address FDEP December 23, 2013 comments from Vince George for the 2010 to 2014 engineering and permitting tasks leading to the 2013-14 Renourishment Project. The issues deal with eligibility of the tasks for FDEP's 2014/15 LGFR and is required prior to future contract executed with FDEP Cost Share.

**FISCAL IMPACT:** Funding is available in Tourist Development Tax Fund (195) in Project 80096 Collier Beach Design and Construction.

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

**ADVISORY COMMITTEE RECOMMENDATIONS:** At the April 10, 2014 CAC meeting this item was unanimously approved by a 9 to 0 vote.

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

**RECOMMENDATION:** To approve a proposal from CB&I Coastal Planning & Engineering, Inc., dated March 21, 2014 to support FDEP FY 2014/15 Local Government Funding Request (LGFR) application and scope eligibility discussions and determination under Contact No. 13-6164 for time and material not to exceed \$2,455, and make a finding that this expenditure promotes tourism.

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

Attachments: Proposal



April 28, 2014  
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March 21, 2014

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

**Re: Respond to FDEP Questions for the 2010-14 Renourishment Engineering Tasks, Collier County, Florida; (Contract No. 13-6164 "Professional Services: Architect and Engineering")**

Dear Gary:

This letter is a proposal for hourly services for CB&I Coastal Planning & Engineering, Inc.,(CB&I) f/k/a Coastal Planning & Engineering, Inc. to perform staff engineering tasks to support the County with addressing FDEP Questions for the 2010-14 Renourishment Engineering Tasks under the terms and conditions of the above-reference Agreement. This scope of work details the tasks necessary to address FDEP December 23, 2013 comments from Vince George and other issues for the 2010 to 2014 engineering and permitting tasks leading to the 2013-14 Renourishment Project. The issues deal with eligibility of the tasks for State funding. The FDEP Beach Management Funding Assistance Program does not receive the technical support formerly provided by the other beach oriented sections, and they need additional assistance in showing how the pieces from the 2010 and 2012 engineering services SOW are eligible for FDEP funding.

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 \$2,455.

Very truly yours,

Stephen Keehn, P.E.  
 Senior Coastal Engineer  
 CB&I Coastal Planning & Engineering, Inc.

cc: Gail Hambright, Collier County Government  
 Sheri Dindial, CB&I

Authorized Corporate Signature

Gordon Thomson

Printed Name

Director

Title



CLIENT: COLLIER COUNTY GOVERNMENT

Acknowledgement and Acceptance:

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

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

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date



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

**Exhibit A**  
**Address FDEP Questions for the 2010-14 Renourishment Engineering Task**  
**Collier County, Florida**  
**Scope of Work**

This scope of work details the tasks necessary to address FDEP December 23, 2013 comments from Vince George for the 2010 to 2014 engineering and permitting tasks leading to the 2013-14 Renourishment Project. The issues deal with eligibility of the tasks for State funding. The FDEP concerns were further described in a telephone conference on March 6, 2014 with Stephen Keehn. This task will respond to each of Mr. Georges' comments for the May 2012 engineering and permitting SOW with the September 2013 modification. For example, task 11-13 were substantially modified by the 2013 change order, and the inlet tasks were focused on improving the beaches performance using inlet sand, which should be eligible for funding. Some of the tasks may be ineligible and we will provide the associated cost. We will concur with Mr. Georges' comments in these cases.

Vince George's December 23, 2013 comments were as follows:

Please provide revised, or new, versions of two scopes of work for the Collier County beach nourishment project. The first is for the preparation of the conceptual/modeling report (October 2010) and the second is for design, engineering and permitting services (May 2012) for the project, both initially provided in late August. General comments:

In complying with the above request, perhaps it would be helpful to review billed tasks, apart from reviewing SOWs that are years old and contain tasks that may not have been initiated. All contingency tasks should be excluded. Please revise the Conceptual/Modeling (October 2010) SOW to include what has been done, since FY 2013-14 construction is ongoing, as the SOW is too old to evaluate. State budget language notes FY 2013-14 funding is for "Collier County Beach Nourishment Project". Anything for South Marco Beach, Doctor's Pass, Wiggins Pass or Clam Pass should be excluded from either SOW.

Design, Engineering and Permitting Services (May 2012) SOW specifics:

1. Administration task is not eligible.
2. Task 2.b.i. for Doctor's Pass is not eligible.  
Task 2.b.ii should not include costs for the inlet projects.
3. Task 3.a- question age completed for the current permit.  
Task 3.c is out of project area.
4. Please provide SOW from other contractor.
5. Task 5.b. Remove Clam Pass Park analysis since it is not critically eroded.  
Task 5.d. Was structures analysis completed?  
Task 5. e.i North Park Shore is not eligible.  
Task 5.e.ii Barefoot Beach was removed from project, so was analysis completed?
6. No comment.
7. Was work completed and the lease obtained?
8. Only Minor mod was completed, so please adjust costs accordingly, specifically g, h, and i.
9. No comment.
10. Not eligible.
11. Task 11 in general may not have been needed. Please verify.

12. Task 12 is ineligible.
13. Task 13 is ineligible.

The FDEP concern with the 2010 engineering services scope of work leading to the 2011 engineering report is the degree that they were needed. An explanation will be prepared for FDEP explaining how the Conceptual Engineering and Modeling Report developed project improvements that overcame obstacles encountered or not corrected with the 1996 and 2006 nourishments. These projects were restricted by permit conditions and lack of historic coastal process information needed for the design of a more effective project.

The FDEP Beach Management Funding Assistance Program does not receive the technical support formally provided by the other beach oriented sections, and they need additional assistance in showing how the pieces from the 2010 and 2012 engineering services Scopes of Work are eligible for FDEP funding. In addition, changes to the program's direction not originally identified need to be identified.



**Exhibit B  
Fee Proposal**

**EXHIBIT B**  
**FEE PROPOSAL FOR**  
**Address FDEP Questions for the 2010-14 Renourishment Engineering Task**  
**Collier County, Florida**  
**Contract No. 13-6164**

March 20, 2014

Task Item	Cost	Senior Project Manager (Hours)	Senior Engineer (Coastal) (Hours)	Clerical Book-keeper (Hours)
<b>FEMA ASSISTANCE</b>				
<b>A</b> Respond to comments on 2012 SOW with 2013 Modifications	\$ 1,533	8	1	
<b>B</b> Explain Necessity of the 2010 Conceptual Engineering & Modeling Report	\$ 922	5		1
	Total Hours =	13	1	1
	Rate =	\$172	\$157	\$62
	Cost =	\$2,236	\$157	\$62
<b>LABOR</b>	<b>\$2,455</b>			
<b>TOTAL</b>	<b>\$2,455</b>			





**Exhibit C  
Rate Schedule**

Exhibit C  
**SCHEDULE B: RATE SCHEDULE**

Title	Standard Hourly Rate
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.