

## **EXECUTIVE SUMMARY**

**Recommendation to approve Scope of Work with Atkins North American, Inc. for Peer Review Services of Collier County Beaches under Contract No. 09-5262-CZ for a lump sum amount of \$15,905 and make a finding that this item promotes tourism.**

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**OBJECTIVE:** To provide Peer Review of Collier County Beaches.

**CONSIDERATIONS:** The intention of this proposal is to provide peer review of the beach nourishment design methodology prepared for the County by Coastal Planning and Engineering.

**FISCAL IMPACT:** Funding for this project is budgeted in Fund 195.

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

**ADVISORY COMMITTEE RECOMMENDATIONS:** At the CAC October 11, 2012 meeting this item was approved by a 5 to 1 vote.

**LEGAL CONSIDERATIONS:** This item has been reviewed by the County Attorney's Office, requires majority vote, and is legally sufficient for Board action. –

**RECOMMENDATION:** To approve Scope of Work with Atkins North American, Inc. for Peer Review Services of Collier county Beaches under Contract No. 09-5262-CZ for a lump sum amount of \$15,905 and make a finding that this item promotes tourism.

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

**Attachments:** Proposal

**Professional Engineering Services  
for  
Peer Review Services of Collier County Beaches for Coastal Management**

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ATKINS is pleased to provide a scope of work for Collier County Coastal Zone Management Department. The intention of this Work Assignment is to provide peer review of the beach nourishment design methodology prepared for the County by Coastal Planning and Engineering. In accordance with Collier County Contract Number 09-5262-CZ the following scope of work is presented herein.

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**SCOPE OF SERVICES**

Atkins will review the beach design template for Vanderbilt, Park Shore, and Naples Beach. Vanderbilt Beach will include range monuments R-25 through R-31, Park Shore will cover R-43 through U-55, and the Naples Beach fill template will address R-58A to R-73. Atkins will review documentation prepared by Coastal Planning and Engineering in support of the design process. Documents include: Collier County Conceptual Renourishment Project Analysis October 2011, Design Calculation Tables October 2012, and other design information that is relevant. Atkins will also use the results of the recently completed 2012 County Coastal Monitoring Report and Post-Tropical Debby Impacts Report to evaluate the predicted design life of the planned beach renourishment events. Atkins will review design drawings, calculations, modeling results and construction standards and write a memorandum that details the methods used and provides a review of our findings.

The above analyses will provide a qualitative understanding of the proposed design project and the memorandum will be submitted as a bound printed document and on a disk in electronic .pdf format.

ATKINS will prepare for, travel to and attend one (1) meeting. The meetings will be held to coordinate the project, meet with County staff, and to provide project updates/results to the County Project Manager and other stakeholder representatives as deemed necessary and appropriate. One ATKINS senior engineer will attend each of these meetings, again as deemed appropriate.

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**Budget Estimate**

Work for this assignment will be performed for the lump sum amount of **\$15,905**. Work will be billed to the County on a monthly basis based on the percentage of work completed for the preceding month. The budget breakdown per project area is as follows:

Task 1 – Collier County Beach Design Template Peer-Review Analysis & Memorandum.....	\$15,905
<b>Total.....</b>	<b>\$15,905</b>

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**Schedule Estimate**

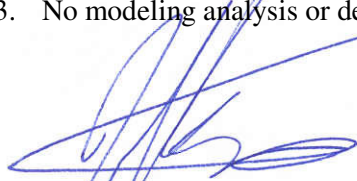
The following schedule of completion is anticipated.

1. Submit draft reports within **30** calendar days following the Notice-to-Proceed and receipt of all required data (surveys) to complete analysis.
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**Assumptions**

1. All existing information/documentation including, but not limited to, survey data, project permits, environmental information, previous studies, etc. will be provided to ATKINS by the County.
2. This quote is based upon conversations with County Staff on October 9, 2012.
3. No modeling analysis or design documents will be generated from this peer-review.



October 10, 2012

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Jeffrey R. Tabar  
Project Director  
Atkins North American, Inc.

Date

**PROJECT BUDGET**

Client:

Project:

Project No:

Prepared By: **BDF**

<b>Labor Costs</b>	Task	Task 1	Total	Raw	Multiplied
Personnel Classification	Rate	Monitoring Reports	Manhours	Labor Cost	Labor Cost
Project Manager	\$58.85	10	10	\$589	\$1,795
Senior Engineer	\$42.92	30	30	\$1,288	\$3,927
Project Engineer	\$35.50	40	40	\$1,420	\$4,331
Engineer EIT	\$30.00	32	32	\$960	\$2,928
CAD Technician	\$30.00	24	24	\$720	\$2,196
Administrative	\$18.70	4	4	\$75	\$228
<b>Total Hours</b>		<b>140</b>	140		
<b>Mult. Labor Cost</b>				\$15,405	\$15,405

<b>Reimbursable Costs</b>	Task No. 1	Reimbursable Costs	Multiplied Costs
Travel	\$0	\$0	\$0
Lodging	\$0	\$0	\$0
Misc.	\$0	\$0	\$0
Geotechnical Analysis	\$0	\$0	\$0
Beach Survey	\$0	\$0	\$0
Graphics/Reproduction	\$500	\$500	\$500
<b>Total Reimbursables</b>	\$500	\$500	\$500
<b>Total Mult. Reimbursables</b>	\$500	\$500	\$500

<b>Total Project Budget</b>	<b>\$500</b>		<b>\$15,905</b>
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