



THE CITY OF KEY WEST

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TO: Bob Vitas, City Manager

CC: E. David Fernandez, Asst. City Manager – Operations
Mark Finigan, Asst. City Manager - Administration
Doug Bradshaw, Senior Project Manager

FROM: Janet Muccino, Project Manager

DATE: May 17, 2013

SUBJECT: Approval of Task Order 14 for Construction Engineering & Inspection (CEI) and 4-year post construction biological & physical monitoring for Smathers Beach Phase II to Atkins North America in the amount of \$193,609. Approve a budget transfer from account 103 -1900-519.98-03 to account 103-1900-519-46.

ACTION STATEMENT:

This resolution will approve Task Order 14 to Atkins for CEI of the phase II beach renourishment at Smathers Beach and the post construction physical and biological monitoring as required by Florida Department of Environmental Protection (FDEP) and United States Army Corps of Engineers (USACE) permits in an amount not to exceed \$193,609.

BACKGROUND:

The City and Atkins has been actively working on the completion of the 2011 renourishment project for Smathers Beach; bids were opened on May 8, 2013 for the final 6,033 tons of sand on the most easterly 1,000 feet of Smathers beach. The City has a current USACE permit modification for this phase of beach renourishment and expects to receive the FDEP permit in May 2013. The permits have numerous requirements for pre, during, and post-construction activities which include actions to manage and minimize environmental impacts. Due to the beach being located in the Florida Keys National Marine Sanctuary the permitting agencies require more stringent and frequent monitoring events than for a typical beach. The permits include beach topographic surveys and seagrass monitoring over a period of four years. Staff has worked arduously with, Atkins, to reduce the number of monitoring events and costs wherever possible. As a result FDEP has agreed that the first 3 monitoring events of TO #14 will eliminate the need to budget for the last 3 monitoring events for the 2011 renourishment (res 11-090); this will save the city approximately \$98,000.

PURPOSE AND JUSTIFICATION

Bids for Phase II renourishment of Smathers Beach were opened on May 8, 2013 and will be presented to the commission for award on June 4, 2013. Task Orders for construction, engineering & inspection (CEI) & monitoring must be in place before the renourishment can begin. Atkins has been the city's beach consultants for the past five years and has all the

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historical data and expertise to perform the work. Atkins is most familiar with the project and staff feels it would be in the city's best interest to approve this task order.

FINANCIAL IMPACT:

The 2013 budgeted amount for phase II sand placement and design & permitting is \$329,150 (City of Key West - \$187,500, TDC - \$187,500). Approval of Task Order # 14 would require a budget transfer of \$193,609 to fully fund the project.

New Project EN 1306 is assigned to Smathers Beach CEI and Monitoring and would be funded through a budget transfer through 2017 from 103-1900-519.98-03/ EN 1306 to 103-1900-519.46-00 / EN 1306 in the amount of \$193,609.

Task Order 14 total of \$193,609 contains CEI and all pre, during and post renourishment monitoring tasks required for all permits over a 5 year period. The scopes of services in the task order are a reasonable reflection of the time, labor and expenses required to perform the work.

Budget Year	Sand Placement	Monitoring	Total Cost
2013	\$329,150	\$83,547*	\$412,697
2014		\$57,276	\$57,276
2015		\$28,638	\$28,638
2016		\$12,074	\$12,074
2017		\$12,074	\$12,074

* includes \$23,936 for Construction Monitoring (CEI)

OPTIONS / ADVANTAGES / DISADVANTAGES:

1. Approve task order 14 to Atkins in the amount of \$193,609 and authorize budget transfer. Atkins has worked on the design & permitting of Smathers since 2011 and has all relative data, maps, etc. Executing this task order will enable the City to proceed with the beach renourishment project on schedule and will utilize the expertise this firm brings.
2. The City Commission can decline to authorize this task order; however, obtaining a new coastal firm would delay the renourishment project which must be completed and reimbursement submitted by September 30, 2013 to comply with TDC grant requirements.
3. The City Commission can choose not to move forward with the renourishment project. This is not recommended by staff. The beach is an important component of our tourism industry, home to not only swimmers, but weddings, water sports and sunbathers.

RECOMMENDATION:

Staff recommends that the City Commission select option 1, the approval of the task order 14 to Atkins in the amount of \$193,609 and budget transfer.

City of Key West
BUDGET TRANSFER

Account No./Project No.	Current Budget <i>Finance Use Only</i>	Increase to nearest whole dollar	Decrease to nearest whole dollar	Revised Budget <i>Finance Use Only</i>
103-1900-519.98-03	590,884		193,609	397,275
103-1900-519.46-00 / EN1306	0	193,609		193,609
TOTALS:	<u>590,884</u>	<u>193,609</u>	<u>193,609</u>	<u>590,884</u>

Justification: Res # _____ Fully fund project EN1306 Smathers CEI and Monitoring from Fund 103

Operating Reserves _____

Authorized Signatures

Department Head: _____	Date: _____
Budget Analyst: _____	Date: _____
Finance Director: _____	Date: _____
(up to \$5,000 w/in category w/in fund)	
City Manager: _____	Date: _____
(all w/in category w/in fund; all uses of CM contingency; up to \$20,000 among categories w/in fund)	

City Commission Approval Required? Yes _____ No _____

<p>Finance Use Only</p> <p>Total Items: _____</p> <p>Group No.: _____</p> <p>Acct. Balance Verified: _____</p>	<p>Entered by: _____</p> <p>Date: _____</p>
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