

EXECUTIVE SUMMARY

Recommendation to approve Change Order No. 1 to Contract No. 06-3925 “South Marco Beach Renourishment/Caxambus Pass Dredging” (Project 905001) with Subaqueous Services, Inc. for the dredging of Wiggins Pass in the estimated amount of \$682,000.

OBJECTIVE: To accomplish the dredging of Wiggins Pass by April 30, 2007 to provide beach quality sand to renourish the adjacent beaches while improving navigation and providing for significantly improved boater safety.

CONSIDERATIONS: The BCC awarded Bid 06-3925 to Subaqueous Services, Inc, to dredge Caxambus Pass and renourish Marco South beaches. The negotiated price was \$1,581,400 which included fuel escalation, mobilization of \$700,000 and dredging unit price of \$4.13/cy.

Wiggins Pass is a high maintenance pass that experiences an excessive amount of yearly shoaling. Shoaling is so dynamic that the channel meanders regularly creating boat grounding and safety issues. This cycle which occurs every two years, approximately 62,000 cy of beach quality sand will be removed from both the ebb tide and interior channel shoals. In addition, dredging must be completed before the beginning of turtle season to comply with regulatory requirements.

Subaqueous Services has proposed the dredging of Wiggins Pass using the same equipment that will be used to dredge Caxambus pass when the Marco South Beach Renourishment is complete in December, 2006. Acceptance of their proposal for Wiggins Pass will substantially save mobilization costs and accomplish the project at a very attractive unit price of \$4.13/cy. Equipment relocation will be \$415,940 and the total price of this project is proposed at \$682,000. Subaqueous has also proposed a pricing structure that caps risks due to weather related delays. If Weather conditions are better than anticipated and Subaqueous Services completes the project in 21 days or less, a credit of \$.50/cy will be received. If the project is completed in the anticipated time of 21 to 28 days, no credit will be received and if weather forces the project to extend past 28 days, then a \$.44/cy price increase will be imposed

Dredging will be to the ebb shoal (500,000 cy) and the interior channel (12,000 cy). Material placement will be either in a beach-fill placement area or a near-shore placement area as directed by the County and DEP permits.

ADVISORY COMMITTEE RECOMMENDATIONS: This item was approved 7-1 and 1 abstaining by the CAC on October 12, 2006.

FISCAL IMPACT: The Source of funds is from Category “A” Tourist Development Tax fund.

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

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RECOMMENDATION: Recommend approval of Change Order No. 1 to Contract No. 06-3925 “South Marco Beach Renourishment/Caxambus Pass Dredging” with Subaqueous Services, Inc. in the amount of \$682,000 for the dredging of Wiggins Pass and authorize the County Manager or his designee to sign Change Order after approval by County Attorney.

PREPARED BY: Gary McAlpin, Coastal Project Manager



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September 29, 2006

Mr. Gary McAlpin
Collier County Government
Tourism Department
3301 Tamiami Trail
Naples, FL 34112

Re: Revised Wiggins Pass Proposal

Dear Mr. McAlpin:

Below is revised Wiggins Pass proposal as discussed.

Mobilization (Lump Sum)	415,940
Monitoring (Lump Sum)	10,000
Dredging/Placement – 62,000cys @ \$4.13/cy	<u>256,060</u>
	\$682,000

This price is offered with the following stipulations:

1. SSI will dredge Wiggins Pass for a total inclusive cost of \$11.00 per cubic yard for the dredging and disposal of 62,000 cubic yards of material which will be placed either in a beach fill placement area or a near shore placement area as directed the County and DEP permits.
2. If weather conditions are better than anticipated and SSI completes the required mobilization and dredging in twenty-one (21) days or less, SSI will credit the County \$0.50 per cubic yard for a total inclusive cost of \$10.50 per cubic yard.
3. If weather conditions are worse than originally anticipated and SSI does not complete the required mobilization and dredging within twenty-eight (28) days, the County will adjust the price \$0.44 per cubic yard for a total inclusive cost of \$11.44 per cubic yard.
4. It is understood that exceeding the twenty-eight (28) day limit will not include major time delays for mechanical failure of SSI's equipment.

Please do not hesitate to contact me if you have any additional questions.

We look forward to working with you on this project and many others in the future.

Yours sincerely,

for Curtis K. Huggins
Vice President