

EXECUTIVE SUMMARY

Recommend approval of Work Orders under contract 06-3902 with Coastal Planning & Engineering, CPE-FT-3902-07-02 for Clam Pass 10-year permit application (900281) in the amount of \$6,343.00; CPE-FT-3902-07-03 for Beach Renourishment and Reef Mitigation Project Construction Management (905271) in the amount of \$8,657.00. Total for time and material not to exceed \$15,000.

OBJECTIVE: To approve the following Work Orders with Coastal Planning & Engineering: CP-FT-3902-07-02 for Clam Pass 10-year permit application (900281) in the amount of \$6,343. CP-FT-3902-07-03 for Beach Renourishment and Reef Mitigation Project Construction Management (905271) \$8,657. Total of both Work Orders are \$15,000.00.

CONSIDERATIONS: The scope of services will provide engineering support for the transition of the following projects: Artificial Reef Mitigation Project, Clam Pass 10-Year permitting, and the Collier County Renourishment Project. Current work on these projects has been completed or is winding down, and some transition work needs to be completed prior to any new comprehensive work orders are initiated. The services are hourly (time and material) for a fee not to exceed \$15,000.00.

FISCAL IMPACT: The source of funds is from Category "A" Tourist Development Tax.

ADVISORY COMMITTEE RECOMMENDATIONS: This item was approved at the November 9, 2006 CAC Board meeting 8-0 with the recommendation that Not to Exceed \$15,000 will be added to the proposal language.

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

RECOMMENDATION: Recommend approval of Work Order CP-FT-3902-07-02 and CP-FT-3902-07-03 under Contract 06-3902 with Coastal Planning & Engineering for Clam Pass 10-year permit application, Beach Renourishment and Reef Mitigation Project Construction Management for time and material not to exceed \$15,000.

PREPARED BY: Gail Hambright, Tourist Tax Coordinator

**SCOPE OF SERVICES
COLLIER COUNTY BEACH RENOURISHMENT PROJECT
CONTINUING COASTAL ENGINEERING SERVICES
NOVEMBER 3, 2006**

INTRODUCTION:

This scope of services will provide engineering support for the transition of the following three projects: Artificial Reef Mitigation Project, Clam Pass 10-Year permitting, and the Collier County Renourishment Project. Current work on these projects has been completed or is winding down, and some transition work needs to be completed prior to any new comprehensive work orders are initiated. The services are hourly (time and material) for a fee not to exceed of \$15,000.00.

The following are the services provided in this scope of services:

I. CLAM PASS 10-YEAR PERMIT APPLICATION:

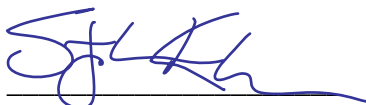
An analysis of the Clam Pass maintenance plan initiated in 1998 shows that it is creating a down drift impact. This down drift impact can be mitigated by bypassing more material during each dredging event, but the existing dredge permit will run out soon. To acquire a new 10-year permit, the entire system will have to be addressed in permitting to satisfy some local interests. This task will support attendance at meetings to discuss and develop a scope of the new permit, perform preliminary coordination, review reports on the Clam Bay system and seek to have sand bypassing at Clam Pass added to the States strategic management plan. All work on this task will be done under the direction of the County Coastal Project Manager.

II. BEACH RENOURISHMENT TASK:

This task will address support needed to complete the 2006 project and identify tasks needed to ready the 10-year beach permit for any emergency use. The State and Federal permits are good for 10-years, except for the Minerals Management Service Lease and the FWS biological opinion (BO), which are one time documents. A letter will be prepared to each agency asking for instruction for updating the lease and initiating the process for a new biological opinion. In the past, both of these tasks have taken years to acquire, which would delay an emergency project. Any task identified would be part of a future work effort. This task will also be used to assist the County in completing the administrative requirements for the 2006 renourishment project and assisting with implementation of the dune vegetation project.

III. REEF MITIGATION PROJECT CONSTRUCTION MANAGEMENT:

The task will cover efforts needed to support the pre-construction phase of this contract prior to the approval of the construction contracts. The pre-construction phase will include mostly administrative matters and the initial approval of the rock material and its source.



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

2006 CONTINUING COASTAL ENGINEERING SERVICES, COLLIER COUNTY, FLORIDA RENOURISHMENT PROJECT

TASK I
 PREPARED BY: COASTAL PLANNING & ENGINEERING, INC.

TASK 1	LABOR COSTS								Expendable & Expenses			
	Principal Engineer (Hours)	Senior Coastal Engineer (PM) (Hours)	Coastal Engineer (Hours)	Professional Surveyor & Mapper (Hours)	Geologist (Hours)	Senior CADD Operator (Hours)	Clerical (Hours)	Vehicle (Miles)	Tolls	Item	Amount (\$)	
COASTAL ENGINEERING SERVICES												
CLAM PASS	\$6,343	1	16	24	4		8	8	256	7	Tolls-travel \$62.00	
CONTINUING RENOURISHMENT ENGINEERING TASK	\$6,531	1	16	24	6		8	8	256	7	Tolls-travel \$50.00	
REEF MITIGATION PROJECT PLANNING	\$2,126	1	4	6	2	1	2	4	256	7	Tolls-travel \$50.00	
Total =		3	36	54	12	1	18	20	768	\$21.00	\$162.00	
Labor Rate / Hour =		\$160.00	\$125.00	\$100.00	\$100.00	\$75.00	\$90.00	\$60.00	\$0.445	\$1.00	1.00	
Labor Cost =		\$480.00	\$4,500.00	\$5,400.00	\$1,200.00	\$75.00	\$1,620.00	\$1,200.00	\$341.76	\$21.00	\$162.00	
LABOR COST =		14,475										
EQUIPMENT COST =		0										
DIRECT COST =		525										
TOTAL COST =		15,000										

Note: Expenses will be billed at actual cost and per state limitations.