

EXECUTIVE SUMMARY

Recommendation to approve Wiggins Pass FY 11 Dredging Engineering as proposed by CP&E.

OBJECTIVE: To approve Wiggins Pass FY Dredging Engineering as proposed by CP&E.

CONSIDERATIONS: Wiggins Pass will require another maintenance dredging or two before the permanent solution is implemented. Currently at low tide, less than three foot draft vessels are grounding at the mouth of the pass.

Prepare engineering required to obtain a permit and NTP to complete this maintenance dredging after turtle season at 11/1/2010 but before 5/1/2011.

ADVISORY COMMITTEE RECOMMENDATIONS: At the June 10, 2010 CAC meeting this item was recommended for approval 6 to 1. Staff is recommending approval of this proposal.

FISCAL IMPACT: The Source of funds is from Category "A" Tourist Development Tax fund 195.

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

LEGAL CONSIDERATIONS: This item has been reviewed and approved by the County Attorney's Office and is legally sufficient for Board action. - CMG

RECOMMENDATION: To approve Wiggins Pass FY Dredging Engineering as proposed by CP&E.

PREPARED BY: Gary McAlpin, CZM Director



COASTAL PLANNING & ENGINEERING, INC.

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June 7, 2009

Gary McAlpin
Director
Collier County Coastal Zone Management
W. Harmon Turner Bldg., Suite 103
3301 E. Tamiami Trail
Naples, FL 34112

**Re: Interim Wiggins Pass Maintenance Dredging Project
Permit Application with Plans (Contract No. 09-5262)**

Dear Gary:

This letter is in response to your request for a proposal for coastal engineering and ecological services for the permitting maintenance dredging of Wiggins Pass. The State and Federal permits have lapsed, and a new comprehensive permit for Wiggins Pass Maintenance Dredging and Navigation Improvements will take a long time to be processed. The following services are proposed to prepare a permit application and develop dredging plans for an interim project:

I. Wiggins Pass Permit and Design (\$20,000 T&M Not to Exceed)

Wiggins Pass Permit Plans: The permit sketch and plans will include plan views and cross-sections sufficient for the permitting and construction of the ebb channel maintenance dredging project and disposal in the near shore of Barefoot Beach. The plan will exclude the flood shoal and Delnor-Wiggins Park, which would be more difficult to permit. The plan will be modeled after the previous 2009 plans prepared by CPE. The spoil site and channel dredge template will be delineated with the same cross sections allowed by previous FDEP and USACE permit conditions. The plans will be based on a new survey developed under a different contract. The permit sketches and construction plans will share similar pages. The dredge volume will be calculated.

Wiggins Pass Construction Specifications: None

Prepare Permit Application: A JCP permit application will be prepared, with heavy reliance on the existing Comprehensive Permit Application for Maintenance Dredging and Navigation Improvements. Consultation will be conducted with FDEP and the Corps of Engineers to see if the process can be expedited and streamlined based on the prior permit and the comprehensive permit applications currently under review. Responses to Request for Additional Information

Interim Wiggins Pass Permit Application
June 7, 2010
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will be prepared and provided to the extent budgeted. Sufficient copies of the permit application will be created for submittals to the FDEP and the Corps of Engineers along with a copy for Collier County with copies on CD.

Compensation

The estimated cost for our services is \$20,000 and detail is provided in the attached cost breakdown. It is our understanding that the County will pay us on a time and material basis and cover all permit fees.

Very truly yours,

COASTAL PLANNING & ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'S. Keehn', written over the company name.

Stephen Keehn, P.E.
Senior Coastal Engineer

cc: Sheri Dindial, CPE

enclosures

**INTERIM WIGGINS PASS MAINTENANCE DREDGING PERMIT AND PLANS
FEE PROPOSAL FOR COASTAL ENGINEERING / ECOLOGICAL SERVICES COLLIER COUNTY, FL
Contract No. 09-5262**

| TASK | LABOR COST | | | | | | | | | | | | DIRECT COST |
|------------------------------------------------|----------------------------|---------------------------------|-----------------------------|-----------------------------------|--------------------------|--------------------------|----------------------------------|-----------------------------|-------------------|------------------------|----------------------------|-----------------------|-------------|
| | Principal Engineer (Hours) | Senior Coastal Engineer (Hours) | Senior Inspector CE (Hours) | Planner - Coastal Modeler (Hours) | Junior Inspector (Hours) | Planner - Mapper (Hours) | Environmental Specialist (Hours) | Designer- Ecologist (Hours) | Inspector (Hours) | GIS Specialist (Hours) | Senior Inspector - (Hours) | Admin Assist. (Hours) | Expenses |
| I. PREPARE PERMIT APPLICATION AND PLANS | | | | | | | | | | | | | |
| A. PREPARE PERMIT SKETCH AND PLANS | 1 | 12 | 40 | | | | | | | 24 | 16 | 2 | |
| B. PREPARE PERMIT APPLICATION | | 16 | 20 | | | | 15 | 40 | | 4 | | 6 | \$1,100 |
| | | | | | | | | | | | | | |
| Total Labor Hours | 1 | 28 | 60 | 0 | 0 | 0 | 15 | 40 | 0 | 28 | 16 | 8 | 1100 |
| Labor Rate | \$195.00 | \$155.00 | \$85.00 | \$110.00 | \$65.00 | \$110.00 | \$115.00 | \$100.00 | \$65.00 | \$100.00 | \$85.00 | \$60.00 | 1 |
| Labor Cost | \$195 | \$4,340 | \$5,100 | \$0 | \$0 | \$0 | \$1,725 | \$4,000 | \$0 | \$2,800 | \$1,360 | \$480 | 1100.0 |
| TOTAL COST | | | | | | | | | | | | | |
| | T&M NTE | \$20,000 | | | | | | | | | | | |

Schedule B

Contract No: 09-5262 "County Wide Engineering Services"

Standard Hourly Rate Schedule for all disciplines

| <u>Personnel Category</u> | <u>Standard Hourly Rate</u> |
|---------------------------|-----------------------------|
| Principal | \$195 |
| Senior Project Manager | \$165 |
| Project Manager | \$148 |
| Senior Engineer | \$155 |
| Engineer | \$119 |
| Senior Inspector | \$85 |
| Inspector | \$65 |
| Senior Planner | \$140 |
| Planner | \$110 |
| Senior Designer | \$115 |
| Designer | \$100 |
| Environmental Specialist | \$115 |
| Senior GIS Specialist | \$145 |
| GIS Specialist | \$100 |
| Clerical | \$60 |
| Surveyor and Mapper | \$130 |
| CADD Technician | \$85 |
| Survey Crew - 2 man | \$130 |
| Survey Crew - 3 man | \$160 |
| Survey Crew - 4 man | \$180 |

This list is not intended to be all-inclusive. Hourly rate fees for other categories of professional, support and other services shall be mutually negotiated by the County and firm on a project by project basis as needed.