

**Lee County Board Of County Commissioners  
Agenda Item Summary**

**Blue Sheet No. 20040729**

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Approve Change Order No. 4 to Contract 1253, Estero Island & Lovers Key Beach Restoration Project, with Coastal Planning & Engineering, Inc., in the amount of \$106,276, for professional services related to the beach restoration construction in Lovers Key State Park. Through grant agreement 99LE1, the Florida Department of Environmental Protection (FDEP) is providing 88% of construction costs with the balance being funded by Lee County. Funds are available.

**WHY ACTION IS NECESSARY:** Any expenditure in excess of \$50,000 must be approved by the Board of County Commissioners.

**WHAT ACTION ACCOMPLISHES:** Authorizes professional services including FDEP required pre and post construction monitoring, and technical assistance with the construction management. The consultant will assist in the review of the Contractors work in compliance with State and Federal permits authorizations in order to certify the project was constructed as designed. Any deviations from the approved plans and permits will be noted on record drawings.

**2. DEPARTMENTAL CATEGORY:**

**COMMISSION DISTRICT #:** 3 08

*C 8 E*

**3. MEETING DATE:**

*06-22-2004*

**4. AGENDA:**

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

**5. REQUIREMENT/PURPOSE:**

*(Specify)*

- STATUTE
- ORDINANCE
- ADMIN. CODE AC-4-4
- OTHER

**6. REQUESTOR OF INFORMATION:**

- A. COMMISSIONER
- B. DEPARTMENT Public Works
- C. DIVISION Natural Resources
- BY: Roland E. Ottolini, P.E.

*[Signature]*

**7. BACKGROUND:**

On February 15, 2000, the Board of County Commissioners awarded CN-99-18, Estero Island Restoration Project, to Coastal Planning & Engineering, Inc. The project included the design and permitting of Lovers Key restoration.

Construction phase services were anticipated in the original contract; however, a final scope was not negotiated until the construction responsibilities were defined. Staff has reviewed the consultant's proposal and agrees with the level of service to be provided. Approval of this change order secures the services of Coastal Planning and Engineering for the construction phase of the project.

In accordance with Florida Administrative Code (FAC) Chapter 62B-36, the Florida Department of Environmental Protection is providing funding assistance for 88% of the construction cost for Lovers Key. FDEP and Lee County initiated the design and permitting for this work in January 2000 under grant agreement DEP 99LE1.

Funding is available in account nos. 20302430100, 20302430101 and 22302430100.

*[Handwritten mark]*

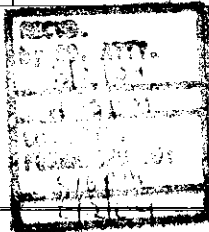
**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
					OA	OM	Risk	GC	
<i>[Signature]</i> 6-2-04	<i>[Signature]</i>	N/A			<i>[Signature]</i> 6/2/04	<i>[Signature]</i> 6/3/04	<i>[Signature]</i> 6/3/04	<i>[Signature]</i> 6/3/04	<i>[Signature]</i> 6-2-04

**10. COMMISSION ACTION:**

- APPROVED
- DENIED
- DEFERRED
- OTHER



RECEIVED BY COUNTY ADMIN: <i>[Signature]</i>
<i>6-2-04</i>
<i>4:15</i>
COUNTY ADMIN FORWARDED TO: <i>[Signature]</i>
<i>6-3-04</i>
<i>30m</i>

LEE COUNTY PROFESSIONAL SERVICE/SERVICE PROVIDER AGREEMENT  
CHANGE ORDER/SUPPLEMENTAL TASK AUTHORIZATION

Change Order  
 Supplemental Task Authorization

NO.: 4

(A Change Order or Supplemental Task Authorization Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners for Expenditures over \$50,000)

CONTRACT/PROJECT NAME: Estero Island Beach Restoration Project / Lovers Key Construction Services

CONSULTANT: Coastal Planning & Engineering

PROJECT NO.: 203024

SOLICIT NO.: CN-99-18

CONTRACT NO.: 1253

ACCOUNT NO.: 20302430100 / 22302430100

REQUESTED BY: Robert Neal

DATE OF REQUEST: 05/28/04

Upon the completion and execution of this Change Order or Supplemental Task Authorization by both parties the Consultant/Provider is authorized to and shall proceed with the following:

EXHIBIT "CO/STA-A: SCOPE OF PROFESSIONAL SERVICE: DATED: 05/28/04

EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT: DATED: 05/28/04

EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE: DATED: 05/28/04

EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED  
SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: 05/28/04

EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA: DATED: 05/28/04

It is understood and agreed that the acceptance of this modification by the CONSULTANT/PROVIDER constitutes an accord and satisfaction.

RECOMMENDED:

By: [Signature] 6/2/04  
Department Director Date

By: [Signature] 6/2/04  
Contracts Mgmt Date

ACCEPTED:

By: [Signature]  
Consultant/Provider

Date Accepted: 6/1/04

Corporate Seal

COUNTY APPROVAL:

By: \_\_\_\_\_  
Department Director  
(Under \$25,000)  
Date Approved: \_\_\_\_\_

By: \_\_\_\_\_  
County Manager (Between  
(\$25,000 and under \$50,000)  
Date Approved: \_\_\_\_\_

By: \_\_\_\_\_  
Chairman  
Board of County Commissioners  
Date Approved: \_\_\_\_\_

APPROVED:

By: \_\_\_\_\_  
\*County Attorney's Office Date

\*County Attorney signature needed  
for **over** Board level expenditures only.

CHANGE ORDER AGREEMENT No. 4  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-A"

Date: ~~06/02/04~~  
5/28/04

SCOPE OF PROFESSIONAL SERVICES

for Estero Island Beach Restoration Project / Lovers Construction Phase Services  
(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization)

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized:

Reference Attached scope titled "Lovers Key Restoration Project, Construction Phase Assistance; Revised Scope of Professional Services".

\*Attach additional pages, if needed.

**LOVERS KEY BEACH RESTORATION PROJECT  
CONSTRUCTION PHASE ASSISTANCE  
REVISED  
SCOPE OF PROFESSIONAL SERVICES**

**Introduction:**

This scope of work describes the coastal engineering, construction management and survey services required to construct the Lovers Key Beach Restoration Project. The basic proposal is for a 16-week construction period, with a 10-week supplement if construction takes longer. Compensation is based on the lump sum method, with a separate NTP for the supplemental phase. The requirements from the Specifications and Permits provide the basis for this proposal.

Personnel from Lee County will provide the bulk of services for this phase, with assistance from Coastal Planning and Engineering (CPE) and the Lovers Key Park Staff. The term engineer in this scope refers to the county assisted by Park staff and CPE. The proposal describes all the services required of the county's engineer. The services provided by CPE are summarized and printed in italics at the end of each section of this scope. The services are listed on the fee proposal.

**I. Pre-Construction**

The Engineer will conduct pre-construction meetings with the Contractor, County, sea turtle consultant, and permit agencies. He will review and approve the Contractor's submittals and plan of construction for the project. The Engineer will notify the public on the proposed schedule and coordinate the activities of the sea turtle monitoring and other environmental consultants. The engineer will verify a notice to proceed has been issued by the State. The Engineer will observe pre-construction and mobilization activity of the Contractor. The project area will be documented before construction begins with ground level photographs. Pre-construction compaction measurements will be taken at 500-foot intervals as described in the permit at the county's discretion.

The engineer will conduct a pre-construction site inspection and meet with the Contractor, review contractor's pre-construction survey data, survey layout, and submittals. Review and approve baseline for as-built compliance surveys.

***CPE task during this phase are:***

- A. Arrange telephonic conference call for Pre-Construction Meeting participate in the meeting.*
- B. Provide limited pre-construction technical advise and support (10 hours)*
- C. Pre-Construction Survey: The pre-construction survey will be used to update the plans to accommodate changes since the last survey and meet permit requirements as described in the May 2002 Physical Monitoring Plan prepared for the County.*

(1) Surveys will be conducted along Department of Environmental Protection (FDEP) beach survey monuments which are located at approximately 1000 foot intervals throughout the project area. The surveys will have an on- and off-shore component. In addition, intermediate lines which are generally located between FDEP survey monuments will be surveyed from the monument location out to 100' past the construction toe. Surveys will be conducted using the standards described in the Monitoring Standards for Beach Erosion Control Projects, Bureau of Beaches and Coastal Systems FDEP, March 2004. Based on historical profile surveys and the project plans, the vertical datum will be referenced to NGVD 29 for continuity during construction. We propose the shift in the datum from NGVD 29 to NAVD 88 be accomplished as part of the post-construction survey and report.

(2) The survey of the beach and offshore area will be conducted in two phases. A combination of GPS-RTK and standard survey techniques for measurement of elevations will be employed to survey the "dry land" and nearshore portion of the beach. Beach profile lines established approximately perpendicular to the shoreline at each FDEP monument will be surveyed by a GPS-RTK unit over most of the beach from the monument offshore to a depth of 3 to 6 feet (NGVD). Standard survey techniques will be used to supplement the GPS in regions where the GPS signal is weak or blocked.

A survey vessel will be used to perform the hydrographic portion of the survey on every DEP line which will extend from the 3 to 6 foot depth to a depth of -12' NGVD, 3000' from the shoreline or to the channel center line, whichever is least offshore along the profile line. During the hydrographic survey, depths will be collected at approximately twenty five foot intervals with final processed data reflecting a maximum interval of fifty feet. The hydrographic survey will be conducted using a survey launch (boat) with centrally mounted transducer. The positioning of the survey vessel is acquired by the use of GPS-RTK. Vessel navigation will be controlled by the Coastal Oceanographics "HYPACK" system. Horizontal positioning checks will be conducted at the beginning and end of each day using fixed objects or known control points to verified position.

Soundings will be collected using an Innerspace model 448 with digitizer Fathometer. The fathometer will be calibrated prior to the start of the survey following manufacturer recommended procedures and in the Monitoring Standards for Beach Erosion Control Projects, Bureau of Beaches and Coastal Systems FDEP, March 2004.

(3) The construction cross-sections will be updated to the contract volume based on the pre-construction survey. A set of cross-sections will be provided to the county and contractor prior to the start of construction. If time is short, sufficient cross-sections will be provided to allow the contractor to start pumping in a timely fashion.

(4) *Bathymetric Surveys of Borrow Areas:*

*Bathymetric surveys will be conducted for the borrow area used for the construction of the project to measure the pre-dredging conditions and provide a basis for future comparison. Grid lines shall be spaced a maximum of 200 feet apart and extend a minimum of 250 feet beyond the boundaries of the borrow areas (Physical Monitoring Plan May 2002).*

**II. Construction Observations (Basic Services)**

The Engineer will be the County's representative during the construction period. The Engineer will make visits to the site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, the Engineer will endeavor for the benefit of Owner to determine, in general, if the Work is proceeding in accordance with the Contract Documents. On the basis of such visits and on-site observations, the Engineer will keep the County informed of the progress of the Work and will endeavor to guard the County against defective Work. The Engineer will furnish a Resident Project Representative to assist in providing more continuous observation of the Work, along with the park staff and CPE.

The Engineer will provide engineers and engineering technicians to monitor the construction of the beach nourishment project. Emphasis will be placed upon monitoring the quality of the sediment placed on the beach, with emphasis on the color and rock content. A representative sand sample will be collected daily, and selected samples will be sieve analyzed. Engineering representatives will observe construction daily during the project. The Engineer will be available to address questions concerning the plans and specifications and address other issues of coordination for the beach nourishment project. The Engineer will also accept and review dredge contractor quality control reports (daily reports) through the duration of the project from mobilization through demobilization from the project site. The engineer will monitor the dredge positioning daily for compliance with plans and permits. During construction of the project, the engineer will require the contractor to maintain the maximum amount of beach open and accessible to the public as possible.

The Engineer's representative will observe the pay (pre- and post-) construction surveys performed by the Contractor. The Engineer will approve acceptance sections based on these surveys. The Engineer will review and approve pay estimates on a monthly basis. The Engineer will review as-built and compliance survey plots for tolerance and volume to support invoice approval and payment.

The Engineer or his representative will also review, on a daily basis, the water quality monitoring and dredge location reports provided by the dredge contractor. The water quality reports will be placed in the appropriate format and forwarded to the State of Florida, Department of Environmental Protection in compliance with permit requirements. The Engineer will provide liaison between park staff, the public, and the contractor, answering inquiries and resolving problems as the contractor moves down the beach. The engineering representatives utilized for the project will be individuals trained in the appropriate inspection procedures for a beach nourishment project.

The Engineer will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents (in the form of Drawings or otherwise) as Engineer may determine necessary, which shall be consistent with the intent of and reasonably inferable from Contract Documents. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order or new drawings and will be binding on the County and also on Contractor who shall perform the Work involved promptly.

***CPE task during this phase are:***

- A. Assist with construction start up after dredging begins with 3 days of on site assistance with reports, forms, documentation, dredge positioning observations, turbidity reports, sea turtle monitoring, review contractor dailies, and sand quality.*
- B. Conduct one daily inspection every 10 to 12 days and provide technical advise during visit, including preparation of daily report, review past week activity and reports with County/Park Staff. Review and analyze as built and compliance surveys for tolerance.*
- C. Provide technical advice by telephone for plans & specs interpretation, sediment management, minor changes, and claims (2 hours per inspection period).*

**III. Post-Construction Services and Permit Monitoring**

During the post-construction time frame, the Engineer and his representatives will inspect the beach according to the final inspection criteria in the plans and specifications. In addition, the Engineer will conduct the initial and final inspections of all vegetation planted during the project, if any.

The Engineer's representative will conduct post-construction compaction testing of the beach. The Engineer will provide a completion certification for the project and will review and approve the Contractor's final submittals and payment request. The County will provide necessary environmental information for the post-construction reporting. Compaction measurements taken at 500-foot intervals along the project area, will be formatted, and submitted to permit agencies as a discretionary task. Coordinate and observe beach tilling and scarping leveling as needed.

An engineering report will be prepared containing post-construction monitoring results. The Engineer will conduct controlled aerial photography and beach profile and borrow area surveys of the project area as required in the permit. Aerial photographs should be coordinated other regional needs in the project area, given the small size of Lovers Key. All these items will be compiled into a post-construction report for distribution to the County and permit agencies.

***CPE task during this phase are:***

- A. Assist County with the final beach inspection.*
- B. Prepare project completion package and certification, including as-built profiles, plans, and exceptions. As-built surveys will be provided by the county/contractor. Sign and*

*seal as necessary. The as-builts will be completed in NGVD 29 datum to conform to previous plans and survey data.*

- C. *Post-Construction Survey and Report: Post Construction Monitoring of the beach and borrow area is required by the State permit and the Physical Monitoring Plan (May 2002). The monitoring shall take place within 60 days after construction and include an engineering report.*

(1) *Surveys will be conducted along Department of Environmental Protection (FDEP) beach survey monuments which are located at approximately 1000 foot intervals throughout the project area. The surveys have a on- and offshore component. In addition, intermediate lines which are generally located between FDEP survey monuments will be surveyed from the monument location out to 100' past the construction toe. Surveys will be conducted using the standards described in the Monitoring Standards for Beach Erosion Control Projects, Bureau of Beaches and Coastal Systems FDEP, March 2004. Based on historical and pre-construction data, the vertical datum will be referenced to NGVD 29. The shift in the datum from NGVD 29 to NAVD 88 will occur in the post-construction report task.*

(2) *The survey of the beach and offshore area will be conducted in two phases. A combination of GPS-RTK and standard survey techniques for measurement of elevations will be employed to survey the "dry land" and nearshore portion of the beach. Beach profile lines established approximately perpendicular to the shoreline at each FDEP monument will be surveyed by a GPS-RTK unit over most of the beach from the monument offshore to a depth of 3 to 6 feet (NGVD). Standard survey techniques will be used to supplement the GPS in regions where GPS signal is weak or blocked.*

*A survey vessel will be used to perform the hydrographic portion of the survey on every DEP line which will extend from the 3 to 6 foot depth to a depth of -12' NGVD, 3000' from the shoreline or to the channel center line, whichever is least offshore along the profile line. During the hydrographic survey, depths will be collected at approximately twenty five foot intervals with final processed data reflecting a maximum interval of fifty feet. The hydrographic survey will be conducted using a survey launch (boat) with centrally mounted transducer. The positioning of the survey vessel is acquired by the use of GPS-RTK. Vessel navigation will be controlled by the Coastal Oceanographics "HYPACK" system. Horizontal positioning checks will be conducted at the beginning and end of each day using fixed objects or known control points to verified position.*

*Soundings will be collected using an Innerspace model 448 with digitizer Fathometer. The fathometer will be calibrated prior to the start of the survey following manufacturer recommended procedures and in the Monitoring Standards for Beach Erosion Control Projects, Bureau of Beaches and Coastal Systems FDEP, March 2004.*

- b. *Bathymetric Surveys of Borrow Areas:*



*Bathymetric surveys will be conducted for the borrow area used for the construction of the project to measure the fill removed by dredging and provide a basis for future comparison. Grid lines shall be spaced a maximum of 200 feet apart and extend a minimum of 250 feet beyond the boundaries of the borrow areas (Physical Monitoring Plan May 2002). The surveys will be compared to the pre-construction survey and compliance with the dredge depths.*

2. *Monitoring Report: An engineering report will be prepared containing post-construction monitoring results compared to the pre-construction conditions. The changes in shoreline width, beach sand volume placed, and other pertinent beach characteristics will be described and illustrated in tables and figures per the Physical Monitoring Plan (May 2002). The report will include the results of analysis of sand samples. In addition, the pre- and post-construction survey data will be reduced in both NGVD 29 and NAVD 88 formats, and both types of survey information will be provided to the state. The report will be the first document in NAVD 88 datum per the State's March 2004 Standards.*

#### **IV. Extended Construction Period and Contingency**

The contractor identified for Lovers Key project has not made good progress on the Bonita Project, but he should be able to complete the project in 16 weeks under normal circumstances. Based on recent experience, he may need up to an additional 10 weeks. If the Contractor takes longer than 12-weeks of dredging to complete the project, *the engineer's team will need to stay on the project until completion, including up to 10 additional weeks for CPE assistance (6 inspections). Each additional inspection will be time and materials. An estimate is provided on the fee proposal.* Construction observations beyond the construction period negotiated with the contractors may be covered by liquidated damages, unless the County grants a no cost time extension to the Contractor.

*Assistance for major change orders or claims cannot be predicated ahead of time. The contingency amount addressed in this line should be approved, and be subject to a notice to proceed and based on hourly rates.*

*Borrow Area Check Survey: There may be a need to verify the contractor's dredge depths during construction. This task will consist of re-survey up to half the pre-construction track lines. The data will be reduced and compared to the associate pre-construction track lines and the permitted dredged depth. The resulting cross-section will identify any dredging violation and be provided to the County.*

CHANGE ORDER AGREEMENT No. 3  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-B"

Date: July 8, 2003  
5/28/04

COMPENSATION AND METHOD OF PAYMENT

for Estero Island Beach Restoration Project / Update Construction Plans

(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization)

SECTION 1.00 CHANGE(S) IN COMPENSATION

The compensation the CONSULTANT, or SERVICE PROVIDER, shall be entitled to receive for providing and performing the supplemented, changed or authorized services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto shall be as follows:

NOTE: A Lump Sum (L.S.) or Not-to-Exceed (N.T.E.) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "S/COA-A". In accordance with Professional Services Agreement Article 5.03(2) "Method of Payment", tasks to be paid on a Work-in-Progress payment basis should be identified (WIPP).

Task Number	Task Title	Amount of Compensation	Indicate Basis of Compensation LS or NTE	If Applicable Indicate (W.I.P.P.)
12.I	Pre-Construction	\$22,749	LS	X
12.II	Construction Observation	\$19,856	LS	X
12.III	Extended Construction Period & Contingency	\$26,697	NTE	X
13	Post-Construction & Permit Monitoring	\$36,974	LS	x
<b>TOTAL</b>		<b>\$106,276</b>	<b>L.S.</b>	

(Unless list is continued on next page)

- CHANGE ORDER AGREEMENT No. 3  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

**SECTION 2.00 SUMMARY OF CHANGE(S) IN COMPENSATION**

Pursuant to and in consideration of the change(s) in the Scope of Professional Services set forth in the CHANGE ORDER or AGREEMENT, Exhibit "CO/STA-A", the compensation the COUNTY has previously agreed to pay to the CONSULTANT, or SERVICE PROVIDER, as set forth in Exhibit "B" of the Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. <u>3</u>	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
1	Program Management	\$41,606	-	-	\$41,606
2	Preliminary Coord.	\$8,025	-	-	\$8,025
3	Beach & Nearshore Survey	\$182,782	\$13,000	-	\$195,782
4	Pre. Sand Search	\$51,564	-	-	\$51,564
5	Comp. Sand Search	\$226,265	-	-	\$226,265
6	Cultural Resource	\$45,649	-	-	\$45,649
7	State and Fed. JCP	\$135,119	\$24,450	-	\$159,569
8	GRR Compliance	\$31,580	-	-	\$31,580
9	Final Design	\$112,337	-	-	\$112,337
10	Plans & Specs	\$24,440	-	-	\$24,440
11	Bidding	\$14,576	-	-	\$14,576
12	Engineering Const. Service	-	-	\$69,302	\$69,302
13	Post Const. Service	-	-	\$36,974	\$36,974
14	1 Year Monitoring Report	-	-	-	-
15	Final Design Survey	-	\$31,731	-	\$31,731
16	Update Const. Plans	-	\$17,065	-	\$17,065
TOTAL		\$873,943	\$86,246	\$106,276	\$1,066,465

CHANGE ORDER AGREEMENT No. 4  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-C"

TIME AND SCHEDULE OF PERFORMANCE

Date: 06/02/04  
5/28/04

for Estero Island Restoration / Lovers Key Construction Phase Services

(Enter Project Name from Page 1 of the Change Order or Supplemental Task Authorization Agreement)

SECTION 1.00

CHANGES FOR THIS CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks, or work set forth in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", entitled "Scope of Professional Services" attached hereto is as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT "A"	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion from Date of Notice to Proceed For this CO or STA
2.I	Pre-Construction	30	30
12.II	Construction Observation	114	144
12.III	Extended Construction Period & Contingency	70	214
13	Post-Construction & Permit Monitoring	30	244

CHANGE ORDER AGREEMENT No. 4  
or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-C"

Date: ~~06/02/04~~  
5/28/04

TIME AND SCHEDULE OF PERFORMANCE

for Estero Island Beach Restoration / Lovers Key Construction Phase Services

(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization Agreement)

SECTION 2.00 SUMMARY OF THE IMPACT OF CHANGE(S) IN PROFESSIONAL SERVICES ON  
THE OVERALL PROJECT TIME AND SCHEDULE OF PERFORMANCE

Pursuant to and in consideration of the changes in the Scope of Professional Services in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", the time and schedule the COUNTY and the CONSULTANT, or SERVICE PROVIDER, has previously agreed to for all of the work to be done under this Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT 'A' and EXHIBIT 'CO/STA-A'	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion From Date of Notice to Proceed
1	Program Management	365	1365
2	Preliminary Coordination	30	30
3a	Beach Survey	45	45
3b	ECL Survey	180	365
4	Preliminary Sand Search	45	60
5	Comp. Sand Searcy	150	180
6	Cultural Resource	90	180
7a	Permit Application	90	120
7b/c	Process Permit	245	1275
8	GRR Compliance	365	1215
9	Final Design	100	210
10	Plans and Specifications	90	1245
11	Bidding	80	1305
12	Engineering Construction Services	214	1579
13	Post Construction Survey and Monitoring Report	30	1609
14	1 Year Survey and Monitoring Report	0	0
15	Final Design Survey	30	1200
16	Update Construction Plans	60	1365

CHANGE ORDER AGREEMENT No. 4  
 or  
 SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-D"

Date: ~~06/02/04~~  
5/28/04

CONSULTANT'S, OR SERVICE PROVIDER'S, ASSOCIATED SUB-CONSULTANT(S) AND SUBCONTRACTOR(S)

for Estero Island Beach Restoration Project / Lovers Key Construction Phase Services

(Enter Project Name from Page 1 of the Change Order or Supplemental Task Authorization Agreement)

CONSULTANT, or SERVICE PROVIDER, intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT, or SERVICE PROVIDER, in providing and performing the services, tasks, or work required under this CHANGE ORDER, or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT.

(If none, enter the word "none" in the space below.)

Service and/or Work to be Provided or Performed	Name and Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise, (If Yes, Indicate Type)			Sub-Consultant Services are Exempted from Prime Consultant's Insurance Coverage	
		Yes	No	Type	Yes	No
	NONE					

CHANGE ORDER AGREEMENT No. 4

or

SUPPLEMENTAL TASK AUTHORIZATION No. \_\_\_\_\_

EXHIBIT "CO/STA-E"

Date: 06/02/04

*5128104*

PROJECT GUIDELINES AND CRITERIA

for Estero Island Beach Restoration Project / Lovers Key Construction Phase Services

(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization Agreement)

As a supplement, or change, to the Project Guidelines and Criteria set forth in the Professional Services Agreement, or Service Provider Agreement, Exhibit "E", the COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget, and/or Requirements which shall serve as a guide to the CONSULTANT, or SERVICE PROVIDER, in performing the professional services, tasks, or work to be provided pursuant to the professional services set forth hereinbefore in CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto:

(If none, enter the word "None" in the space below.)

ITEM No. 1

None