PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date:	April 01, 2008	(X) Consent () Workshop	() Regular () Public Hearing
Department Submitted By: Submitted For:		Resources Managemer Resources Managemer	<u>nt</u>

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to:

- A) accept Modification No.2 to Purchase Order No. GA133F-06-SE-3414 with the U.S, Department of Commerce / National Oceanographic and Atmospheric Administration (NOAA) extending the due date to September 30, 2008 for seagrass mapping in the Lake Worth Lagoon (LWL) in the amount of \$16,077 that was previously budgeted in FY 2006-2007;
- B) accept Purchase Order No. WC133F-07-SE-4909 in the amount of \$10,000 from NOAA for seagrass mapping in the LWL, expiring March 31, 2009;
- C) approve Budget Amendment of \$26,077 in the General Fund to recognize revenue from both purchase orders; and
- **D) authorize** The County Administrator, or his designee, to sign all future time extensions task assignments, certifications, and other forms associated with purchase order No. 133F-06-SE-3414 and No. WC133F-07-SE-4909, and necessary minor amendments that do not change the scope of work or terms and conditions of purchase orders.

Summary: The Budget Amendment recognizes both purchase orders from NOAA to fund LWL monitoring program costs for the 2007 Seagrass and Mangrove Mapping project. No local match required. <u>Districts 1, 2, 3, 4, & 7</u> (SF)

Background and Justification: In August of 2006, NOAA committed to assist with costs of the 2006 seagrass and mangrove mapping project through a \$16,077 purchase order to the County for FY2006-2007. However, due to unfavorable weather conditions during the scheduled flight windows for aerial photography, the project was postponed until the Summer of 2007 when the necessary aerial photography was acquired. NOAA has continued its commitment to assist with LWL monitoring through a second purchase order for the amount of \$10,000 to the County for a combined total of \$26,077 for FY2007-2008. This is part of a collaborative effort for the purpose of implementing the LWL Management Plan. The intent of this project is to: 1) produce a map of seagrass and mangrove coverage of the LWL and Intracoastal Waterway; 2) summarize aerial extent of seagrass and mangrove coverage and analyze changes; and 3) produce digital orthophotographs from the 2007 imagery. The maps will serve as an important management tool for obtaining a current inventory of this valuable estuarine resource. These maps will be used to document large-scale trends in the status of this resource and serve as a comparison for future surveys. Work must be completed by September 30, 2008 and March 17, 2009.

Attachments:

- 1. Modification No. 2 to Purchase Order GA133F-06-SE-3414
- 2. Modification No. 1 to Purchase Order GA133F-06-SE-3414
- 3. NOAA Purchase Order GA133F-06-SE-3414 (\$16,077)
- 4. NOAA Purchase Order WC133F-07-SE-4909 (\$10,000)
- 5. Budget Amendment (0001)

Recommended by:	Kuland E waluly	3/4/08
	Department Director /	Date
Approved by:	- harry	Dudsp
	County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary	of Fiscal Imp	act:			
Fiscal Years Capital Expenditures	2008	2009	2010	2011	2012
Operating Costs	\$16,077	\$10,000			
External Revenues Program Income (County) In-Kind Match (County)	(\$16,077)	(\$10,000) 			
NET FISCAL IMPACT	_\$0	\$0			
# ADDITIONAL FTE POSITIONS (Cumulative)					
Is Item Included in Curren Budget Account No.:	t Budget? Fund Program		No X nent Unit	Object	
B. Recommended Sour	ces of Funds/S	Summary of I	Fiscal Impact:		
\$ 26,077.00 NC	AA Purchase	Order (Federal	1)		
C. Department Fiscal I	III. REV	IEW COMM dministrator	 -		
OFMB OFMB	te 3.11.0	08/ Con	mact Adminis	trator da	R 3113101
B. Legal Sufficiency: Assistant Co	r unty Attorney	,			
C. Other Department					
Department	Director				

			Attachma	en+ #1	
AMENDMENT OF SOLICITATION	I/MODIFICATION OF C	ONTRACT	1. CONTRACT	ID CODE	PAGE OF PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCH/	ASE REQ. NO.	5. PROJECT	NO. (If applicable)
002	Dec 12, 2007	NFFN54	170-8-29999		
SSUED BY CODE	FN511023	7. ADMINISTERED BY (/	f other than Item 6)	CODE	
U.S. DEPT OF COMMERCE/NOAA NATIONAL MARINE FISHERIES SERVICE 263 13TH AVENUE SOUTH ST. PETERSBURG, FL 33701		SEE BLOCK	6		
HEATHER BLOOD	570-5698	<u> </u>	Los Machinia	ENT OF SOLICITATION N	
NAME AND ADDRESS OF CONTRACTOR (No., Street, County, Str	DUNS: 07		9B. DATED (S		·
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WEST PALM BEACH FL 334024036			X GAI33	.r-00-5E-3414	
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: ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				US	0.
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x					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODI (such as changes in paying office, appropriation date, etc.,	FIED TO REFLECT THE ADMINISTRA	TIVE CHANGES SET FORTH	IN ITEM 14, PURSUANT	TO THE AUTHORITY OF	FAR 43.103 (b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO	O PURSUANT TO AUTHORITY OF:		•		
D. OTHER (Specify type of modification and authority)					
. IMPORTANT: Contractor X is not,	is required to sign this doc	cument and return	copies to	the issuing office.	
4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized b)			where feasible.)		
MODIFICATION 02 TO EXTEND DELIVERY					
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		heather.blood	@noaa.gov		16C. DATE SIGN
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	ob. divised states	the	200	Dec 12, 20

(Signature of person authorized to sign)
NSN 7540-01-152-8070
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SUPPLIES OR SERVICES AND PRICES/COSTS

O003 MODIFICATION 02 TO EXTEND PERIOD OF PERFORMANCE TO SEPTEMBER 30, 2008.

QUANTITY UI UNIT PRICE AMOUNT

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Accounting and Appropriation Data:
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DELIVERY DATE: 09/30/2008

SHIP TO: U.S. DEPT OF COMMERCE/NOAA

NATIONAL MARINE FISHERIES SERVICE

263 13TH AVENUE SOUTH

ST. PETERSBURG, FL 33701

FOB: Destination

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STANDARD FORM 30 (REV. 10-53) Prescribed by GSA FAR (46 CFR) 51.240 7200/ 11:26 FAX (2/824530/ NUAA-NWFS-SERU

3002/002

SUPPLIES OR SERVICES AND PRICES/COSTS

item no.	SUPPLIES OR SERVICES	GOYMATAX	ŲI.	UNIT PRICE	AMOUNT
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	AND MANGROVES IN THE LAKE WORTH LAGOON.				
	SEE ATTACHED STATEMENT OF WORK FOR ADDITIONAL				
	DETAILS.				
	Accounting and Appropriation Data:				
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	US\$ 16,077.00				
	DELIVERY DATE: 09/30/2007				
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	NATIONAL MARINE FISHERIES SERVICE				
	263 13TH AVENUE SOUTH				
	ST. PETERSBURG, FL 39701				•
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1. 52.204-7 CENTRAL CONTRACTOR REGISTRATION (OCT 2003)

(a) Definitions. As used in this clause--

"Central Contractor Registration (CCR) database" means the primary Government repository for Contractor information required for the conduct of business with the Government.

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see the FAR at Subpart 32.11) for the same parent concern.

"Registered in the CCR database" means that--

- (1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database; and
- (2) The Government has validated all mandatory data fields and has marked the record "Active".

(b)

- (1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.
- (2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.
- (c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.
 - (1) An offeror may obtain a DUNS number--
- (i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
- (ii) If located outside the United States, by contacting the local Dun and Bradstreet office.
 - (2) The offeror should be prepared to provide the following information:

(i) Company legal business.

- (ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
 - (iii) Company Physical Street Address, City, State, and Zip Code.
- (iv) Company Mailing Address, City, State and Zip Code (if separate from physical).
 - (v) Company Telephone Number.
 - (vi) Date the company was started.
 - (vii) Number of employees at your location.
 - (viii) Chief executive officer/key manager.
 - (ix) Line of business (industry).
- (x) Company Headquarters name and address (reporting relationship within your entity).
- (d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.
- (e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.
- (f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or

subsequent updates its iformation in the CCR database ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g)

- (i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to
 - (A) change the name in the CCR database;
 - (B) comply with the requirements of Subpart 42.12 of the FAR; and
- (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
- (ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.
- (2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.
- (h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at http://www.ccr.gov or by calling 1-888-227-2423, or 269-961-5757.

(End of Clause)

2. 52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (FEB 2006)

- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:
 - (1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

- (iv) 52.225-13, Restrictions on Certain Foreign Purchases (Feb 2006) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
 - (v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).
 - (2) Listed below are additional clauses that apply:

(i) 52.232-1, Payments (Apr 1984).

(ii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.232-25, Prompt Payment (Oct 2003).

(v) 52.233-1, Disputes (July 2002).

(vi) 52.244-6, Subcontracts for Commercial Items (Feb 2006).

(vii) 52.253-1, Computer Generated Forms (Jan 1991).

- (b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:
 - (1) The clauses listed below implement provisions of law or Executive order:

- (i) 52.222-19, (id Labor-Cooperation with Auth ties and Remedies (Jan 2006) (E.O. 13126). (Applies to contracts for supplies exceeding the micropurchase threshold.)
- (ii) 52.222-20, Walsh-Healey Public Contracts Act (Dec 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).
- (iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).
- (iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793). (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)
- (v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).
- (vi) 52.222-41, Service Contract Act of 1965, As Amended (July 2005) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands).
- (vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Aug 2003) (E.O. 13148) (Applies to services performed on Federal facilities).
- (viii) 52.225-1, Buy American Act-Supplies (June 2003) (41 U.S.C. 10a-10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition--
 - (A) Is set aside for small business concerns; or
- (B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000).
- (ix) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (Oct 2003). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)
- (x) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (May 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)
- (xi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)
 - (2) Listed below are additional clauses that may apply:
- (i) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Jan 2005) (Applies to contracts over \$25,000).
- (ii) 52.211-17, Delivery of Excess Quantities (Sept 1989) (Applies to fixed-price supplies).
- (iii) 52.247-29, F.o.b. Origin (Feb 2006) (Applies to supplies if delivery is f.o.b. origin).
- (iv) 52.247-34, F.o.b. Destination (Nov 1991) (Applies to supplies if //delivery is f.o.b. destination).
- (c) "FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998)." This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): WWW.ARNET.GOV
- (d) "Inspection/Acceptance." The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been

tendered for acceptand The Government may require reg r or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights-

- (1) Within a reasonable period of time after the defect was discovered or should have been discovered; and
- (2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.
- (e) "Excusable delays." The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.
- (f) "Termination for the Government's convenience." The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.
- (g) "Termination for cause." The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.
- (h) "Warranty." The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of Clause)

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National Oceanic Atmospheric Administration National Marine Fisheries Service Habitat Conservation Division Miami Field Office

STATEMENT OF WORK

TITLE: Coastal Construction Best Management Practices and Cumulative Impacts in Coral Reef Fish Nursery Habitat

WORK ASSIGNMENT MANAGER:

Jocelyn Karazsia National Marine Fisheries Service 11420 North Kendall Drive, Suite 103 Miami, Florida 33176 (786) 263-0028

Jocelyn.Karazsia@noaa.gov

C.2 Introduction

This project will evaluate the effects of coastal construction on essential fish habitats (EFH), primarily reef fish nursery habitats. Geographic information system (GIS) maps will be created of Lake Worth Lagoon in Palm Beach County, Florida seagrass and mangrove coverage. In addition, habitat maps will be created that depict trends in EFH, specifically seagrass and mangroves, presence using a time series of GIS data layers to determine historical and recent coastal construction events and resultant changes in the spatial extent of seagrass and mangrove habitats. The project is part of ongoing efforts by the Palm Beach County Department of Environmental Resources Management to map habitat within the Lake Worth Lagoon. The project is meant to be a two-year effort during which the development of management recommendations, based on site inspections of coastal projects, to avoid and minimize impacts to EFH will be realized in the second year pending approval of additional funds.

C.3 Background

The Southeast Region (SER) Habitat Conservation Division's (HC) constituents have identified priority projects that require research and application of research results to coral reef ecosystem management. Coastal construction is one primary source of direct and indirect impacts to EFH (e.g., shading impacts to light-dependent organisms such as seagrasses). Mangroves and seagrasses provide important nursery habitat and refuge from predation for many important coral reef fish species (e.g., snapper-grouper complex). Coastal development, including dock construction, has caused substantial adverse effects on important nursery areas that support juvenile and subadult life history stages of reef fishes; however, few studies exist that address the effects of coastal construction on nursery habitat productivity, coral reef ecology, and long-term effects on fisheries. The general approach of this two-part project is to (1) create maps that depict trends in EFH presence; and (2) assess the effects of nursery habitat loss on fish stocks and evaluate long-term fisheries implications.

The HC is charged with providing EFH conservation recommendations to avoid and minimize impacts to habitats designated as EFH. These recommendations are based on the best available scientific evidence; however, critical gaps in the literature exist and ultimately preclude the Army Corps of Engineers adoption of our recommendations. As specified in the SER HC's Coral Reef Conservation Program (CRCP) Strategic Plan, these gaps include the loss of reef fish nursery habitats (mangroves and seagrasses) and effects on fisheries productivity. In addition, the HC actively participates in NOAA's CRCP and this project is being initiated as a component of NOAA's National Marine Fisheries Service's (NOAA Fisheries Service) efforts on behalf of the Coral Reef Task Force established by President Clinton in June 1998 through Executive Order #13089. The Executive Order, identified as Coral Reef Protection, seeks to "preserve and protect the biodiversity, health, heritage, and social and economic value of U.S. coral reef ecosystems and marine environment."

Work completed by this project will address a direct management-related need and will provide information that will facilitate conservation and protection of important nursery habitats. This work will also address three Florida Local Action Strategy projects and will complement Puerto Rico and U.S. Virgin Islands priorities identified in the *Guide for Developers* proposal also being funded in FY06 through the CRCP. Furthermore, the U.S. Coral Reef Task Force has called upon NOAA and other federal and state agencies to address overfishing, land-based sources of pollution, marine construction impacts, and other stressors on reef resources. The project will benefit coral reef ecosystems by providing essential baseline maps and trends analysis of EFH presence from a time series of GIS data layers.

C.4 Scope

Start Date: Upon obligation of funds End Date: 18 months from start date

In order to meet the objective of this work assignment, the contractor shall produce 2006 seagrass and mangrove maps in ArcMap compatible format, Projected to NAD 1983 HARN State Plane, Florida East FIPS 0901. The contractor shall complete the work in two distinct phases: production, which involves the creation of seagrass and mangrove shapefiles and habitat maps that depict trends in EFH (seagrass and mangroves) presence over time; and final report. The final report will include a brief description of the methodology used to create the coverages and the trends analysis and will include the GIS data layers for 2006 EFH coverage and 2001-2006 trends in seagrass presence and 1985-2006 trends in mangrove presence as attachments. Also, the contractor must provide copies of any GIS shapefiles and digital orthophotographs obtained with funding from this project to NOAA's Fisheries Service for distribution to NOAA's Coral Reef Information System (CoRIS) database and the South Atlantic Fishery Management Council (SAFMC).

The project execution must be conducted in a manner that carries out the technical tasks described in this document within the established 18-month timeframe. The development of the trends analysis must be accomplished in cooperation with NOAA Fisheries Service. In addition, the contractor must report problems or complications, if any arise during the execution of each task that could affect the timetable.

C.5 Applicable Documents

See http://www.coralreef.noaa.gov/about/welcome.html for links to Executive Order #13089 and information about the CRCP.

See http://www.fgdc.gov/metadata/contstan.html for information regarding the required //content of metadata.

C.6 Technical Tasks

In order to meet the objective of this work assignment, the contractor shall perform the work in two distinct phases: production and final report.

Task I. Production

A. Create 2006 GIS maps of seagrass and mangrove coverage in Palm Beach County, Florida.

- 1. Produce seagrass and mangrove shapefiles using a combination of 2006 aerial photography, ground-truthing, and photointerpretation.
- 2. Produce digitial orthophotographs from the 2006 imagery.
- B. Create GIS maps to support the trends analysis

Create habitat maps that depict trends in EFH (seagrass and mangroves) presence from a time series of GIS data layers, specifically 2001 and 2006 for seagrass and 1985, 2001, and 2006 for mangroves; note that 2001 GIS seagrass and mangrove shapefiles and data are already available, as well as 1985 data for mangroves, and that the 2006 GIS data will be created during the initial stage of this task. The 2001 Palm Beach County project serves as a baseline inventory for this and future studies.

Task II. Final Report

The final report will contain a brief description of the methodology used to create the shapefiles and the trends analysis and will include the GIS data layers for 2006 EFH coverage and 2001-2006 trends in seagrass presence and 1985-2006 trends in mangrove presence as attachments.

- 1. Four hard copies of the text of the final report and six electronic copies, including spatial data as attachments, will be submitted to the NOAA Fisheries Service.
- 2. Metadata files must be created for spatial data coverages created as part of this project and must accompany all spatial data provided to the NOAA Fisheries Service as part of this project. The standard for metadata associated with data submitted to CoRIS is the Content Standard for Digital Geospatial Metadata.

C.7 Deliverables

Timetable

Tasks	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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Creation of 2006 EFH GIS data layers		*	*	*	*	*	*	*	*	*								
Creation of GIS trends in EFH maps											*	*	*	*		-		
Completion of GIS maps and final report															*	*	*	*

The contractor must complete the work assignment in 18 months as stipulated in this scope of work. The contractor must submit the products requested in this document on a per task basis for review and approval by the work assignment manager prior to completion of each task. Four hard copies of the text of the project final report and six electronic copies must be submitted to the NOAA Fisheries Service Miami Field Office within 18 months of the issuance of the purchase order for completion of the project. The NOAA Fisheries Service will be responsible for distribution to NOAA's CoRIS database and the SAFMC.

C.8 Special Considerations

The contractor must carry out the work described in each technical task. The project must be completed in the timeframe stipulated in this document. If it is not possible to complete the project within the allotted time, it is the contractor's responsibility to inform the work assignment manager. The contractor will be paid on a per task basis once it has been demonstrated that work on a specific task or subtasks within each task has been completed. It is left to the discretion of the contractor to subcontract professional services as necessary to complete the required task.

Data providers are responsible for the completeness and accuracy of metadata records, and data and information offerings. Metadata must accompany all spatial data and should conform to the Content Standard for Digital Geospatial Metadata.

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30b. Name and Ti			30c.	Date Si	gned	DONIT	A S. MCC	→N⊆ & ontracting O CULLOUGH ugh@noaa.		Type or F	Print)				Date Signed
32a. Quantity in C		Inspected		Ac	cepted, and Co	onforms t	o the Cor	itract, Excep	ot as N	oted:					
32b. Signature of A	Authorized Gove	rnment Representativ	e 32c.	Date			32d. Pr	inted Name	and Ti	itle of Au	horized	Gove	rnment R	eprese	ntative
2e. Mailing Addre	ess of Authorize	d Government Repres	entative					ephone Nur						sentati	ve <i>(</i>)
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1b. Signature and				I1c. Da	te	42b. Re		y (Print) t (Location) (YY/MM/DD)		42d. To	tal Co	ontainers		
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SCHEDULE Continued

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	DUNS: 078470481 CAGE: 1RFV4				
0001	Create Trend Analysis GIS Maps Creation of Trends Analysis Geopraphic Information Systems (GIS) maps in accordance with the attached Statement of Work.		JB	5,000.00	5,000.00
0002	Final Report The final report will contain a brief description of the methodology used to create the trends analysis maps, in accordannce with the Statement ofwork		JB •	5,000.00	5,000.00
	Period of performance is 9/17/2007 through 03/31/2009.				
	Contractor shall return section 52.212-4 Offerors Representations and Certifications (completed)				



SCHEDULE Continue	be	าน	tin	on	C	_E	JL	l	D	E	H	C	S
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Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
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	Contractor shall return section 52.212-4 Offerors Representations and Certifications (completed)				



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		SCHEDULE Continued	i		
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
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- 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (FEB 2007) 1. (Reference 12.301)
- 2. 52.247-35 F.O.B. DESTINATION, WITHIN CONSIGNEE'S PREMISES (APR 1984)
- 1352.201-70 CONTRACTING OFFICER'S AUTHORITY (MAR 2000)

The Contracting Officer is the only person authorized to make or approve any changes in any of the requirements of this contract and notwithstanding any provisions contained elsewhere in this contract, the said authority remains solely in the Contracting Officer. In the event the Contractor makes any changes at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract terms and conditions, including price. (End of clause)

4. POINT OF CONTACT

a. Lisamarie Carrubba is hereby designated as the Point of Contact (POC). The POC may be changed at any time by the Government without prior notice to the Contractor by a unilateral modification to the Contract. The POC is located at:

National Marine Fisheries Service PRD Caribbean Field Office PR 301KM 5.1 Boqueron, PR 00622 Phone: 787-851-3700

- b. The responsibilities and limitations of the POC are as follows:
- (1) The POC is responsible for the technical aspects of the project and serves as technical liaison with the Contractor. The POC is also responsible for the final inspection and acceptance of all reports, and such other responsibilities as may be specified in the contract.
- (2) The POC is not authorized to make any commitments or otherwise obligate the Government or authorize any changes which affect the Contract price, terms or conditions. Any Contractor request for changes shall be referred to the Contracting Officer directly or through the POC. No such changes shall be made without the expressed prior authorization of the Contracting Officer (CO). The CO may designate assistant or alternate POC(s) to act for the POC by naming such assistant/alternate(s) in writing and transmitting a copy of such designation to

(End of clause)

5. 52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS -- COMMERCIAL ITEMS (AUG

An offeror shall complete only paragraph (k) of this provision if the offeror has completed the annual representations and certifications electronically at http://orca.bpn.gov. If an offeror has not completed the annual representations and certifications electronically at the ORCA website, the offeror shall complete only paragraphs (b) through (j) of this provision.

(a) "Definitions." As used in this provision-"Emerging small business" means a small business concern whose size is no

greater than 50 percent of the numerical size standard for the NAICS code

"Forced or indentured child labor" means all work or service--(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

"Manufactured end product" means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

"Service-disabled veteran-owned small business concern"--

- (1) Means a small business concern--
- (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
- (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.
- (2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).
- "Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and size standards in this solicitation.
 - "Veteran-owned small business concern" means a small business concern--
- (1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and
- (2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

"Women-owned small business concern" means a small business concern--

- (1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and
- (2) Whose management and daily business operations are controlled by one or more women.
- (b) "Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701)." (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)
- (1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).
- (2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

```
(3) "Taxpayer Identification Number (TIN)."
     /_/ TIN:
     /_/ TIN has been applied for.
     /_/ TIN is not required because:
     /_/ Offeror is a nonresident alien, foreign corporation,
     or foreign partnership that does not have income
    effectively connected with the conduct of a trade or
    business in the United States and does not have an
    office or place of business or a fiscal paying agent
    in the United States;
     /_/ Offeror is an agency or instrumentality of a foreign
    government;
     /_/ Offeror is an agency or instrumentality of the Federal
    Government.
(4) "Type of organization."
     ^\prime\_/ Sole proprietorship;
    /_/ Partnership;
    /_/ Corporate entity (not tax-exempt);
    /_/ Corporate entity (tax-exempt);
    /_/ Government entity (Federal, State, or local);
    /_/ Foreign government;
/_/ International organization per 26 CFR 1.6049-4; /_/ Other ______.

(5) "Common parent."
    /_/ Offeror is not owned or controlled by a common parent;
    /_/ Name and TIN of common parent:
    Name
    TIN
```

- (c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.
- (1) "Small business concern." The offeror represents as part of its offer that it o is, o is not a small business concern.
- (2) "Veteran-owned small business concern." [Complete only if the offeror represented itself as a small business concern in paragraph (c) (1) of this provision.] The offeror represents as part of its offer that it /_/ is, /_/ is not a veteran-owned small business concern.
- (3) "Service-disabled veteran-owned small business concern." [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it /_/ is, /_/ is not a service-disabled veteran-owned small business concern.
- (4) "Small disadvantaged business concern." [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, for general statistical purposes, that it /_/ is, /_/ is not a small disadvantaged business concern as defined in 13 CFR 124.1002.
- (5) "Women-owned small business concern." [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it /_/ is, /_/ is not a women-owned small business concern.

Note: Complete paragraphs (c)(6) and (c)(7) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) "Women-owned business concern (other than small business concern)."
[Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it o is a women-owned business concern.

(7) "Tie bid priority for labor surplus area concerns." If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

- (8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. [Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.]
- (i) [Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the designated industry groups (DIGs).] The offeror represents as part of its offer that it $/_/$ is, $/_/$ is not an emerging small business.
- (ii) [Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or designated industry groups (DIGs).] Offeror represents as follows:
- (A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or
- (B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

 (Check one of the following):

Number of Employees	Average Annual Gross Revenues
50 or fewer	\$1 million or less
51-100	\$1,000,001-\$2 million
101-250	\$2,000,001-\$3.5 million
251-500	\$3,500,001-\$5 million
501-750	\$5,000,001-\$10 million
751-1,000	\$10,000,001-\$17 million
Over 1,000	Over \$17 million

- (9) [Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, or FAR 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.]
 - (i) "General." The offeror represents that either--
- (A) It /_/ is, /_/ is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or
- (B) It /_/ has, /_/ has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.
- (ii) // "Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns." The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(9)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small

disadvantaged business concern that is participating in the joint venture:

- (10) "HUBZone small business concern." [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that--
- (i) It /_/ is, /_/ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and
- (ii) It /_/ is, /_/ is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.
- (d) "Representations required to implement provisions of Executive Order 11246"--
- (1) Previous contracts and compliance. The offeror represents that--(i) It /_/ has, /_/ has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and
 - (ii) It /_/ has, /_/ has not filed all required compliance reports. (2) "Affirmative Action Compliance." The offeror represents that--
- (i) It $/_/$ has developed and has on file, $/_/$ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 cfr parts 60-1 and 60-2), or
- (ii) It /_/ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.
- (e) "Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352)." (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.
- (f) "Buy American Act Certificate." (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act-Supplies, is included in
- (1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms "component," "domestic end product, " "end product, " "foreign end product, " and "United States" are defined in the clause of this solicitation entitled "Buy American Act-Supplies."
 - (2) Foreign End Products:

Line Item No.	Country of Origin
	· ·
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	•
List as necessary]	

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)

- (1) "Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate." (Applies only if the clause at FAR 52.225-3, Buy American Act-Free Trade Agreements-Israeli Trade Act, is included in this solicitation.)
- (i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms "Bahrainian or Moroccan end product," "component," "domestic end product," "end product," "foreign end product," "Free Trade Agreement Country," "Free Trade Agreement Country end product," "Israeli emd product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act."
- (ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian or Moroccan end products) or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

FREE TRADE AGREEMENT COUNTRY END PRODUCTS (OTHER THAN BAHRAINIAN OR MOROCCAN END PRODUCTS) OR ISRAELI END PRODUCTS:

Line item No.	Country of origin

[List as necessary]
(iii) The offeror shall list those supplies that are foreign end products
(other than those listed in paragraph (g)(1)(ii) of this provision) as defined

(other than those listed in paragraph (g) (1) (ii) of this provision) as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products.

Other Foreign End Products:

Line Item No.	Country of Origin
	· ·

[List as necessary]

- (iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.
- (2) "Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate, Alternate I." If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision: (g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

Canadian End Products:

Line	Item	No.			
				 -	
			· · · · · · · · · · · · · · · · · · ·	 	

(3) "Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate, Alternate II. " If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g) (1) (ii) of the basic provision: (g) (1) (ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

Canadian or Israeli End Products:

Line Item No.	Country of Origin

[List as necessary]

- (4) "Trade Agreements Certificate." (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)
- (i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made or designated country end product, as defined in the clause of this solicitation entitled "Trade
- (ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products. Other End Products:

Line Item No.	Country of Origin
List as necessary	

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) "Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12689)." (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

- (1) /_/ Are, /_/ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency; and
- (2) $/_/$ Have, $/_/$ have not, with in a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false
- statements, tax evasion, or receiving stolen property; and

 (3) /_/ Are, /_/ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

										4
(i)	Certification	Regarding	Knowledge	of	Child	Labor	for	"Listed	End	Products
(Exect	itive Order 13:	126)."								

(1) "Listed end products."

Line End Product	Listed Countries of Origin

- (2) "Certification." [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.] [] (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. [] (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.
- (j) Place of manufacture. (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly--
- [] (1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or
 - [] (2) Outside the United States.

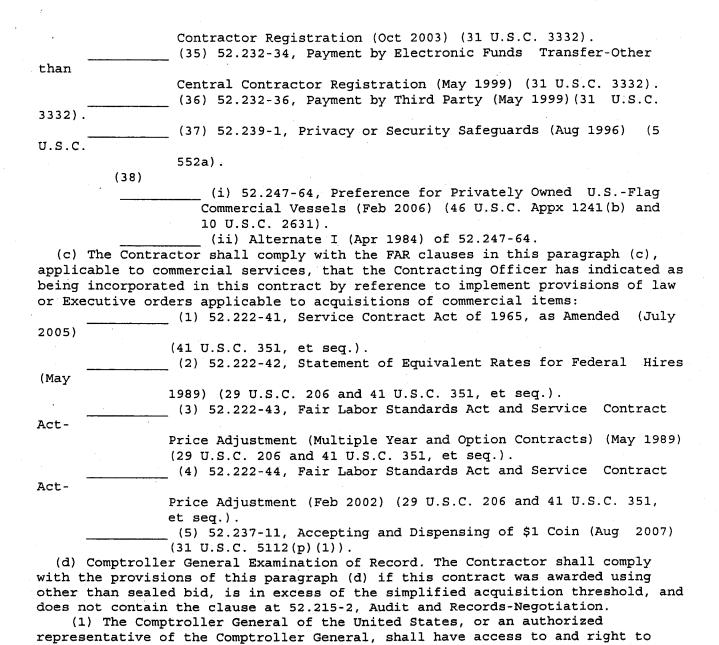
(k)

- (1) Annual Representations and Certifications. Any changes provided by the offeror in paragraph (k)(2) of this provision do not automatically change the representations and certifications posted on the Online Representations and Certifications Application (ORCA) website.
- (2) The offeror has completed the annual representations and certifications electronically via the ORCA website at http://orca.bpn.gov. After reviewing the ORCA database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications-Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs /____/. [Offeror to identify the applicable paragraphs at (b) through (j) of this provision that the offeror has completed for the purposes of this solicitation only, if any. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer. Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.] (End of Provision)
- 6. 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (AUG 2007)
- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clause, which is incorporated in this contract by reference, to

implement provisions of law or Executive orders applicable to acquisitions of commercial items: (1) 52.233-3, Protest after Award (Aug 1996) (31 U.S.C. 3553). (2) 5.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78). (b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sep 2006), with Alternate I (Oct 1995)(41 U.S.C. 253g and 10 U.S.C. 2402). (2) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a). (3) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (July 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a). (4) [Reserved] (5) _ (i) 52.219-6, Notice of Total Small Business Set-Aside (June 2003) (15 U.S.C. 644). (ii) Alternate I (Oct 1995) of 52.219-6. (iii) Alternate II (Mar 2004) of 52.219-6. (6) (i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644). (ii) Alternate I (Oct 1995) of 52.219-7. (iii) Alternate II (Mar 2004) of 52.219-7. (7) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)). (8) (i) 52.219-9, Small Business Subcontracting Plan (Sept 2006) (15 U.S.C. 637(d)(4). (ii) Alternate I (Oct 2001) of 52.219-9. (iii) Alternate II (Oct 2001) of 52.219-9. (9) 52.219-14, Limitations on Subcontracting (Dec 1996) U.S.C. (15 637(a)(14)). (10) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)). (11)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (Sept 2005) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer). (ii) Alternate I (June 2003) of 52.219-23.
(12) 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting (Oct 1999) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323). (13) 52.219-26, Small Disadvantaged Business Program-Participation Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

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(14) 52.219-27, Notice of Total Service-Disabled Veteran-Owned
Small
                 Business Set-Aside (May 2004) (15 U.S.C. 657 f).
                  (15) 52.219-28, Post Award Small Business Program
Rerepresentation
                  (June 2007) (15 U.S.C. 632(a)(2)).
         (16) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
                 (17) 52.222-19, Child Labor-Cooperation with Authorities
Remedies
                  (Aug 2006) (E.O. 13126).
         (18) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
         (19) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).
                (20) 52.222-35, Equal Opportunity for Special Disabled
Veterans,
                 Veterans of the Vietnam Era, and Other Eligible Veterans
                  (Sept 2006) (38 U.S.C. 4212).
         (21) 52.222-36, Affirmative Action for Workers with Disabilities
                  (Jun 1998) (29 U.S.C. 793).
                 (22) 52.222-37, Employment Reports on Special Disabled
Veterans.
                 Veterans of the Vietnam Era, and Other Eligible Veterans (Sept
                 2006) (38 U.S.C. 4212).
                 (23) 52.222-39, Notification of Employee Rights Concerning
Payment of
                 Union Dues or Fees (Dec 2004) (E.O. 13201).
         (24)
                     (i) 52.222-50, Combating Trafficking in Persons (Aug 2007)
                  (Applies to all contracts).
                    (ii) Alternate I (Aug 2007) of 52.222-50.
         (25)
                     (i) 52.223-9, Estimate of Percentage of Recovered Material
                    Content for EPA-Designated Products (Aug 2000) (42 U.S.C.
                    6962(c)(3)(A)(ii)).
                     (ii) Alternate I (Aug 2000) of 52.223-9 (42 U.S.C.
                     6962(i)(2)(C)).
                 (26) 52.225-1, Buy American Act-Supplies (June 2003)(41 U.S.C.
                 10a-10d).
         (27)
                    (i) 52.225-3, Buy American Act-Free Trade Agreements-
Israeli
                    Trade Act (Aug 2007) (41 U.S.C. 10a-10d, 19 U.S.C. 3301
                    note, 19 U.S.C. 2112 note, Pub. L. 108-77, 108-78, 108-286,
                    109-53 and 109-169.
                      (ii) Alternate I (Jan 2004) of 52.225-3.
            (iii) Alternate II (Jan 2004) of 52.225-3.
                 (28) 52.225-5, Trade Agreements (Nov 2006) (19 U.S.C. 2501, et
seq.,
                 19 U.S.C. 3301 note).
                 (29) 52.225-13, Restrictions on Certain Foreign Purchases (Feb
2006)
                 (E.o.s, proclamations, and statutes administered by the Office
                 of Foreign Assets Control of the Department of the Treasury).
                 (30) 52.226-4, Notice of Disaster or Emergency Area Set-Aside
                 (Aug 2006) (42 U.S.C. 5150).
                 (31) 52.226-5, Restrictions on Subcontracting Outside Disaster
or
                 Emergency Area (Aug 2006) (42 U.S.C. 5150).
        (32) 52.232-29, Terms for Financing of Purchases of Commercial
                 (Feb 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
                 (33) 52.232-30, Installment Payments for Commercial Items
1995)
                 (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
                (34) 52.232-33, Payment by Electronic Funds Transfer-Central
WC133F-07-SE-4909
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(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until

examine any of the Contractor's directly pertinent records involving

transactions related to this contract.

such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law. (e)

(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (i) through (vii of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

- (i) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.
 - (ii) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- (iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- (iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).
- (v) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).
- (vi) 52.222-41, Service Contract Act of 1965, as Amended (July 2005), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).
- (vii) 52.222-50, Combating Trafficking in Persons (Aug 2007) (22 U.S.C. 7104(g)). Flow down required in accordance with paragraph (f) of FAR clause 52.222-50.
- (viii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx 1241 (b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.
- (2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of Clause)

7. 1352.215-70 PERIOD OF PERFORMANCE (MAR 2000)

a. The period of performance of this contract is from 9/17/2007 through 3/31/2008

(End of clause)

8. 52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 6 months after the contract completion date (End of Clause)

9. 1352.237-70 REPORTS (MAR 2000)

a. Reports

The Contractor shall submit, to the Government, a all reports in accordance with the requirement of the Statement of Work. The report shall also include any additional information--including findings and recommendations--that may assist the Government in evaluating progress under this contract.

(End of clause)

10. 1352.246-70 INSPECTION AND ACCEPTANCE (MAR 2000)

The Contracting Officer or the duly authorized representative will perform inspection and acceptance of supplies and services to be provided under this contract.

Inspection and acceptance will be performed at:

National Marine Fisheries Service

Protected Resources Division

263 13th Avenue South

WC133F-07-SE-4909

St. Petersburg, FL 33701

(End of clause)

11. 1352.247-72 MARKING DELIVERABLES (MAR 2000)

The contract number shall be placed on or adjacent to all exterior mailing or shipping labels of deliverable items called for by the contract.

Mark all deliverables with Purchase Order Number: WC133F-07-SE-4909

(End of clause)

12. 1352.252-70 REGULATORY NOTICE (MAR 2000)

Contractors are advised that certain provisions and clauses identified with a Commerce Acquisition Regulation (CAR) notation for identification purposes, have not yet been incorporated into the CAR. However, all of these items are binding for this acquisition and will eventually be contained in the CAR at Part 13 of Title 48 of the Code of Federal Regulations.

(End of clause)

13. STATEMENT OF WORK

C.2 Introduction

The objective of this work assignment is to complete trends analysis maps using seagrass and mangrove habitat coverage maps from a 2001-2007 time series in a geographic information system (GIS). The trends analysis maps of changes in essential fish habitat (EFH) will help determine historical and recent natural (hurricane) and human-induced (coastal construction events) and resultant changes in the spatial extent (mangroves only) and any species and density changes for seagrass. The project is part of ongoing efforts by the Palm Beach County Department of Environmental Resources Management to map habitats within the Lake Worth Lagoon. The project is also part of a collaborative effort with NOAA Fisheries to develop management recommendations, based on site inspections of coastal projects and the results of the trends analysis, to avoid and minimize impacts to EFH.

C.3 Background

NOAA Fisheries Service Habitat Conservation Division (HC) is charged with providing EFH conservation recommendations to avoid and minimize impacts to habitats designated as EFH. These recommendations are based on the best available scientific evidence; however, critical gaps in the literature exist and ultimately preclude the Army Corps of Engineers adoption of our recommendations. As specified in the SER HC's NOAA Coral Reef Conservation Program (CRCP) Strategic Plan, these gaps include the loss of reef fish nursery habitats (mangroves and seagrasses) and effects on fisheries productivity. This project is being initiated as a component of NOAA Fisheries Service's efforts on behalf of the Coral Reef Task Force established by President Clinton in June 1998 through Executive Order #13089. The Executive Order, identified as Coral Reef Protection, seeks to "preserve and protect the biodiversity, health, heritage, and social and economic value of U.S. coral reef ecosystems and marine environment."

Work completed as part of this project will address a direct management-related need and will provide information that will facilitate conservation and protection of important nursery habitats. This work will also address three Florida Local Action Strategy projects and will complement Puerto Rico and U.S. Virgin Islands priorities identified in the Guide for Developers proposal also being funded through the CRCP. Furthermore, the U.S. Coral Reef Task Force has called upon NOAA and other federal and state agencies to address overfishing,

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land-based sources of pollution, marine construction impacts, and other stressors on reef resources. The project will benefit coral reef ecosystems by providing trends analysis of EFH presence from a time series of GIS data layers.

C.4 Scope

Start Date: Date of Award

End Date: 18 months from start date

In order to meet the objective of this work assignment, the contractor shall produce habitat maps that depict trends in EFH (seagrass and mangroves) presence over time; and a final report. The final report will include a brief description of the methodology used to complete the trends analysis and complete the GIS maps of trends. The maps shall be included as attachments to the final report and shall be provided in the form of GIS shapefiles and .jpg images. NOAA Fisheries Service will distribute copies of the maps to NOAA's Coral Reef Information System (CORIS) database, as required for CRCP funded projects, and the South Atlantic Fishery Management Council.

The project execution must be conducted in a manner that carries out the technical tasks described in this document within the established 18-month timeframe. The development of the trends analysis must be accomplished in cooperation with NOAA Fisheries Service. In addition, the contractor must report problems or complications, if any arise during the execution of each task that could affect the timetable.

C.5 Applicable Documents

See http://www.coralreef.noaa.gov/about/welcome.html for links to Executive Order #13089 and information about the CRCP.
See http://www.fgdc.gov/metadata/contstan.html for information regarding the required content of metadata, which should be submitted along with the GIS shapefiles.

C.6 Technical Tasks

In order to meet the objective of this work assignment, the contractor shall perform the work in two distinct phases: production and final report.

Task I. Production

- Create GIS maps to support the trends analysis
 - Create habitat maps that depict trends in EFH (seagrass and mangroves) presence from a time series of GIS data layers, specifically 2001 and 2007 for seagrass, and 1985, 2001, and 2007 for mangroves. Note that 2001 GIS seagrass and mangrove shapefiles and data are already available, as well as 1985 data for mangroves, and that the 2006 GIS data are being generated as part of a FY06 purchase order. The 2001 Palm Beach County project serves as a baseline inventory for this and future studies.
 - Maps should also include information on changes in seagrass species patterns and abundance.
 - The creation of the trends analysis maps shall be realized in coordination with NOAA Fisheries and a brief progress report summarizing the methods used in the trends analysis shall be submitted to NOAA Fisheries upon completion of this task.

Task II. Final Report

The final report will contain a brief description of the methodology used to create the trends analysis maps, which will be included as attachments. The contractor shall submit a draft of the report and maps to NOAA Fisheries for review and shall make any necessary edit changes to the

document based on comments received from NOAA Fisheries prior to submission of the final report.

- 1. Four hard copies of the final report and six electronic copies, including spatial data in the form of shapefiles as attachments, will be submitted to the NOAA Fisheries Service.
- 2. Metadata files must be created for spatial data coverages created as part of this project and must accompany all spatial data provided to the NOAA Fisheries Service as part of this project. The standard for metadata associated with data submitted to CoRIS is the Content Standard for Digital Geospatial Metadata.

C.7 Deliverables

Timetable

Tasks	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1.		*	*	*	*	*		*	*	*	*	*	*	*	*				
Creation			1				*												
of GIS			İ		1														
trends in															1				
EFH maps] .	1		1													
2.			ļ		ļ							*	*	*	*	*	*	*	*
Completion		ĺ]	1					1										
of GIS			j	ĺ								:							
maps and																			
final				١.		1			ŀ		ļ								
report																			

The contractor must complete the work assignment in 18 months as stipulated in this scope of work. The contractor must submit the products requested in this document on a per task basis for review and approval by the work assignment manager prior to completion of each task. Four hard copies of the project final report and six electronic copies must be submitted to the NOAA Fisheries Service West Palm Beach Field Office within 18 months of the issuance of the purchase order for completion of the project. The NOAA Fisheries Service will be responsible for distribution of the report to NOAA's Coral Reef Information System (CORIS) database and the South Atlantic Fishery Management Council.

C.8 Special Considerations

The contractor must carry out the work described in each technical task. The project must be completed in the timeframe stipulated in this document. If it is not possible to complete the project within the allotted time, it is the contractor's responsibility to inform the work assignment manager. The contractor will be paid on a per task basis once it has been demonstrated that work on a specific task or subtasks within each task has been completed. It is left to the discretion of the contractor to subcontract professional services as necessary to complete the required task.

Data providers are responsible for the completeness and accuracy of metadata records, and data and information offerings. Metadata must accompany all spatial data and should conform to the Content Standard for Digital Geospatial Metadata

14. IT SECURITY

Security Requirements: The C&A requirements of clause CAR 1352.239-73 Security Requirements for Information Technology Resources (October 2003) does not apply, and a Security Accreditation Package is not required.

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2008 - 0567

BGEX - 380 - 02270800000000002286 BGRV - 380- 02270800000000000422

BOARD OF COUNTY COMMISSIONERS PALM BEACH COUNTY, FLORIDA

BUDGET AMENDMENT Fund 0001 General Fund

AND NUMBER	BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED I BUDGET	/ Expended 2/27/2008	REMAINING BALANCE
99-Oth Physical Environment Rev	0	0	26,077	0	26,077		
	1,018,278,583	1,020,087,772	26,077	0	1,020,113,849		
1-Other Contractual Services *	0	0	26,077	0	26,077	0	26,077
TOTAL APPROPRIATIONS & EXPENDITURES			26,077	0	1,020,113,849		
	99-Oth Physical Environment Rev 01-Other Contractual Services *	99-Oth Physical Environment Rev 0 1,018,278,583 01-Other Contractual Services * 0	99-Oth Physical Environment Rev 0 0 1,018,278,583 1,020,087,772 01-Other Contractual Services * 0 0	99-Oth Physical Environment Rev 0 0 26,077 1,018,278,583 1,020,087,772 26,077 01-Other Contractual Services * 0 0 26,077	99-Oth Physical Environment Rev 0 0 26,077 0 1,018,278,583 1,020,087,772 26,077 0 01-Other Contractual Services * 0 0 26,077 0	99-Oth Physical Environment Rev 0 0 26,077 1,018,278,583 1,020,087,772 26,077 0 1,020,113,849 01-Other Contractual Services * 0 0 26,077 0 26,077	99-Oth Physical Environment Rev 0 0 26,077 0 26,077 1,018,278,583 1,020,087,772 26,077 0 1,020,113,849 01-Other Contractual Services * 0 0 26,077 0 26,077 0 0

Environmental Resources

Management

INITIATING DEPARTMENT/DIVISION

Administration/Budget Department Approval

OFMB Department - Posted

Signatures & Dates

3|3|08

BY BOARD OF COUNTY COMMISSIONERS
AT MEETING OF

April 1, 2008

Deputy Clerk to the

Board of County Commissioners

3/10/08