

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date:	November 17, 2009	(X) Consent	() Regular
		() Workshop	() Public Hearing

Department

Submitted By:	<u>Environmental Resources Management</u>
Submitted For:	<u>Environmental Resources Management</u>

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Work Supplement No. 1666-03B to Palm Beach County Annual Dune & Wetlands Restoration Project No. 2008ERM02 (R2008-1666) with Eastman Aggregate Enterprises, LLC (Eastman), a Palm Beach County company, in the amount of \$293,725.25 and 35 days to provide additional services and time for the completion of the Ibis Isle Restoration Project (R2009-1005).

Summary: Work Supplement No. 1666-03B will authorize Eastman to haul and place additional sand to cap muck sediments at the Ibis Isle Restoration Project (R2009-1005). The Work Supplement is funded by the South Florida Water Management District (R2007-1345) and Manatee Protection Program funds. Eastman's Small Business Enterprise (SBE) participation on this Work Supplement is 3.05%. Their SBE contract goal is 16.14%. Eastman's SBE participation to-date is 20.31%. District 7 (SF)

Background and Justification: On June 16, 2009, the Board authorized Work Order No. 1666-03 (R2009-1005) to complete the capping and excavation portion associated with the Ibis Isle Restoration Project. Work Supplement No. 1666-03A authorized on July 21, 2009 (R2009-1183) provided additional work items needed to complete the habitat restoration project. Work Supplement No. 1666-03B provides a 35-day extension and additional sand quantities to cap muck sediments. Original fill calculations were based on muck compression estimates exceeded during the initial phase of the work.

Attachments:

1. Work Supplement No. 1666-03B with Contract History
2. Contract and Bid Schedule (Contract-1, 2; Bid Form-6D)

Recommended by:

Richard E. Wabnitz
Department Director

10/22/09
Date

Approved by:

Asst. County Administrator

11/12/09
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2010	2011	2012	2013	2014
Capital Expenditures					
Operating Costs	293,726				
External Revenues	<150,000>				
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	143,726				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget?		Yes <u>X</u>	No _____
Budget Account No.:	Fund <u>1226</u>	Department <u>380</u>	Unit <u>3074</u>
	3900	381	E111
			Object <u>3401</u>
			3401

B. Recommended Sources of Funds/Summary of Fiscal Impact:

South Florida Water Management District and Manatee Protection Fund

C. Department Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:


OFMB Fiscal and/or Contract Dev. and Control Comments:

[Signature] 11/3/09
 OFMB SW 10/30/09 CW 10/20/09

[Signature] 11/5/09
 Contract Development and Control
[Signature] 11/5/09

B. Legal Sufficiency:

Legal Sufficiency:

 11/9/09

Assistant County Attorney

**This item complies with current
County policies.**

C. Other Department Review:

Department Director

WORK SUPPLEMENT NO.: 1666-03B

(Mark applicable category:)

☒ Owner Initiated

☒ Differing Site Conditions

☐ Zoning/Code/Ordinance Changes

☐ Errors/Omissions/In Design

☒ Quantity Overruns/Underruns

☐ Request By Another Agency/Outside Party

☐ A. Reimbursable

☐ B. Non-Reimbursable

☐ Other

PROJECT: Palm Beach County Annual Dune & Wetlands Restoration Project – Ibis Isle Restoration

PROJECT NO./WORK ORDER NO. : 2008ERM02/1666-03

(Contractor):

Eastman Aggregate Enterprises, LLC

3705 Bellevue Avenue

Lake Worth, FL 33461

CONTRACT RESOL. NO. R2008-1666

COMM. DISTRICT NO.: 7

CONTRACT DATE: 9/23/08

BUDGET LINE ITEMS: 1226-380-3074-3401 \$143,725.25,
3900-381-E111-3401 \$150,000.00

You are directed to make the following changes in this Work Order:

1. Additional work associated with line items 2, 4, 5, 6, 7a, 7b, 8a, 8b, 9a, 11b, 15b, 16a, 16b and 18 in the attached Bid Schedule dated 10/15/09.

Total \$293,725.25

NOT VALID UNTIL SIGNED BY COUNTY. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HERewith INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

The Original Work Order Sum was	\$ <u>438,439.90</u>
Net Change by previous Supplements	\$ <u>182,885.00</u>
The Work Order Sum prior to this Supplement was	\$ <u>621,324.90</u>
The Work Order Sum will be <u>increased/decreased</u> by this Supplement	\$ <u>293,725.25</u>
The New Work Order Sum <u>including</u> this Supplement will be	\$ <u>915,050.15</u>
The Contract Time will be <u>increased/decreased</u> by <u>thirty-five (35)</u> Days	
The Date of Substantial Completion <u>including</u> this Supplement is	<u>1/20/2010</u>
The Date of Final Completion <u>including</u> this Supplement is	<u>2/19/2010</u>

Execution of this Work Supplement acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the Work Order.

**PALM BEACH COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS**

By: _____
Chair

ATTEST:
Sharon R. Bock, Clerk & Comptroller

By: _____
Deputy Clerk

DATE: _____
(Seal)

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

By: _____
Assistant County Attorney

APPROVED AS TO TERMS
AND CONDITIONS

By: Richard E. Walesky
Richard E. Walesky, Director
Dept. of Environmental Resources Management

Eastman Aggregate Enterprises, LLC
CONTRACTOR

3705 Bellevue Avenue
Address
Lake Worth, FL 33461

By: B. J. [Signature]

Its: Mgmr
[Title]

Date: 10-22-09

cc: Finance
Contract Development and Control
ERM FSS

**EASTMAN AGGREGATE ENTERPRISES, LLC
3705 BELLEVUE AVE
LAKE WORTH, FL 33461**

OFFICE: 561-969-7147

FAX: 561-434-3477

**SITE CONSTRUCTION & DEVELOPMENT
TRUCKING - AGGREGATES**

10/15/2009

**DEPT. OF ENVIRONMENTAL RESOURCES MGMT.
2300 NORTH JOG ROAD, 4TH FLOOR
WEST PALM BEACH, FL 33411
ATT: JULIE MITCHELL**

PROJECT: IBIS ISLE WORK SUPPLEMENT (1666-03B)

<u>JOB AS OUTLINED BELOW</u>	<u>QTY</u>	<u>UNITS</u>	<u>ITEM</u>	<u>PRICE</u>
2 EXCAVATION TO GRADE LOADING AREA	5,833	Cubic Yard	1.31	7,641.23
4 TRANSPORT MATERIAL ONSITE LOADING AREA	28,847	Cubic Yard	2.84	81,925.48
5 LOADING FOR OFFSITE TRANSPORT	24,660	Ton	0.68	16,768.80
6 MATERIAL GRADING	14,651	Cubic Yard	0.74	10,841.74
7a HAUL ROAD CONSTRUCTION	200	Linear ft	11.03	2,206.00
7b HAUL ROAD REMOVAL	200	Linear ft	2.89	578.00
8a TRANSPORT & DELIVERY - FILL (FIRST TON MILE) 1	13,750	Ton-Mile	1.05	14,437.50
8b TRANSPORT & DELIVERY - FILL (ADD'L TON MILE) 29	398,750	Ton-Mile	0.16	63,800.00
8a TRANSPORT & DELIVERY - ARMOR STONE (FIRST TON MILE) 1	50	Ton-Mile	1.05	52.50
8b TRANSPORT & DELIVERY - ARMOR STONE (ADDITIONAL TON MILE	2,450	Ton-Mile	0.16	392.00
9a CONVEYING OF MATERIAL HOPPER UNLOADER	32,160	Ton	1.70	54,672.00
11b SUPPLY, DELIVERY AND INSTALL OF SOD	700	YD2	2.10	1,470.00
15b SUPPLY/INSTALL ARMOR STONE	50	Ton	70.00	3,500.00
16a SUPPLY/INSTALL TURBIDITY CURTAIN	1,200	Linear ft	11.00	13,200.00
16b MAINTAIN/RESET TURBIDITY CURTAIN	2,000	Linear ft	5.00	10,000.00
18 SUPPLY/INSTALL FILTER FABRIC	36,000	FT2	0.34	12,240.00

TOTALPRICE 293,725.25

EXCLUSIONS / CLARIFICATIONS

1 PRICE BASED ON ESTIMATED QUANTITIES

THIS PROPOSAL IS SUBJECT TO ALL TERMS AND CONDITIONS OF ALL DOCUMENTS HEREOF, AND SHALL BECOME A CONTRACT WHEN ACCEPTANCE BELOW IS SIGNED BY AN AUTHORIZED AGENT OF BOTH PARTIES

COMPANY NAME: PALM BEACH COUNTY - ERM
BY:
PRINTED NAME:

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SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTORS

PROJECT NAME: Palm Beach County Annual Dune & Wetlands Restoration Project PROJECT NO.: 2008ERM02 Work Supplement # 1666-03B
 NAME OF PRIME BIDDER: Eastman Aggregate Ent., LLC ADDRESS 3705 Bellevue Avenue, Little Worth, FL 33461
 CONTACT PERSON: Bernie Eastman PHONE NO: 561-969-7147 FAX NO: 561-969-8981
 BID OPENING DATE: _____ DEPARTMENT: ERM

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES OF PRIME AND/OR SUBCONTRACTORS

Name, Address and Phone Number	(Check one or both Categories)		Subcontract Amount				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other(Please Specify)
1. <u>Tra Trucking, Inc.</u> <u>PO Box 1058</u> <u>Loxahatchee, FL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$ _____	\$ <u>8956.13</u>	\$ _____	\$ _____	\$ _____
2. _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
3. _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
(Please use additional sheets if necessary)		Total	\$ _____	\$ <u>8956.13</u>	\$ _____	\$ _____	\$ _____

Total Bid Price \$ 293,725.25 Total Value of SBE Participation \$ 8,956.13

NOTE: 1. The amounts listed on this form must be supported by the Subcontractors (and, if applicable, Prime) prices included on Schedule 2 in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
 3. M/WBE information is being collected for tracking purposes only.

RECEIVED
 OCT 21 2009
 ENVIRONMENTAL RESOURCES MANAGEMENT

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE PRIME OR SUBCONTRACTOR
[MUST BE COMPLETED IN ITS ENTIRETY BY SBE]
 PROJECT NO. 2008ERM02 PROJECT NAME: Palm Beach County Annual Dune & Wetlands Restoration Project
Work Supplement Order 1666-03B

TO: Eastman Aggregate Enterprises, LLC
 (Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a(n) - (check one or more, as applicable):

Small Business Enterprise ☒

Minority Business Enterprise ☒

Black ☐ Hispanic ☒ Women ☐ Caucasian ☐ Other (Please Specify) ☐

Date of Palm Beach County Certification: _____

The undersigned is prepared to perform the following described work in connection with the above project (Specify in detail, particular work items or parts thereof to be performed):

Line Item No.	Item Description	Qty/Units	Unit Price	Total Price
8a	Transport: Delivery (Fill) 1 st Ton Mile	2,137.50	1.00	2,137.50
8b	Transport: Delivery (Fill) Add. Ton Mile	61,987.50	.11	6,818.63

at the following price \$ 8,956.13
 (Subcontractor's quote)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the amount of any such subcontract must be stated: \$ 0.00

The undersigned subcontractor understands that the provision of this form to prime Bidder does not prevent subcontractor from providing quotations to other Bidders.

RECEIVED
 OCT 21 2009
 ENVIRONMENTAL RESOURCES MANAGEMENT

Tru Trucking, Inc.
 (Print name of SBE-M/WBE Subcontractor)

By: Caridad Trujillo
 (Signature)
Caridad Trujillo, Vice President
 Title of person executing on behalf of SBE-M/WBE Subcontractor

Date: 10-15-09

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BUDGET AVAILABILITY STATEMENT

REQUEST DATE: 10/19/09 REQUESTED BY: Julie Mitchell PHONE: 233-2437
PROJECT TITLE: Annual Dune & Wetlands Restoration Project Work Order NO: 1666-03
LOCATION: Ibis Isle Project NO: 2008ERM02
ORIGINAL CONTRACT AMOUNT: \$438,439.90 BCC RESOLUTION# R2008-1666
REQUESTED AMOUNT: \$293,725.25 DATE:
CSA/LOA CHANGE ORDER AMOUNT:
CSA/LOA CHANGE ORDER NUMBER: Work Supplement No. 166-03B
CONTRACTOR/CONSULTANT NAME: Eastman Aggregate Enterprise, LLC
PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE
CONSULTANT/CONTRACTOR: Additional work associated with specific line items of Bid Schedule dated 10/15/09.
WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT? Yes

BUDGET ACCOUNT NUMBER (IF KNOWN):

FUND	DEPART	UNIT	OBJ	PROG_CD	PROG_PERIOD	
1226	380	3074	3401	IBISEX	GY06	\$143,725.25
3900	381	E111	3401	IBISEX	GY06	\$150,000.00

☐ AD VALOREM

☒ OTHER

☐ FEDERAL

REVENUE:

ANTICIPATED DATE OF APPROVAL:

BAS APPROVED BY: Liz Purvis DATE: 10/19/09

ENCUMBRANCE NUMBER: KPO - 062309*1109

CONTRACT HISTORY
Eastman Aggregates Enterprises, LLC
Annual Dune & Wetlands Restoration Project
Project Number 2008ERM02

Contract R2008-1666 dated September 23, 2008 for period of one year expires on September 22, 2009.

Contract Amendment No. 1 (R2009-1181) dated July 21, 2009 extends contract through September 22, 2011 and increases contract by \$305,880.00 to \$4,603,334.00.

SBE-MBE Goal 16.14% (16.14% SBE/H)

Work Order summary:

WORK ORDER NUMBER	APPROVED TOTAL/ SBE AMOUNT	ACTUAL TOTAL/SBE AMOUNT	WORK ORDER DESCRIPTION	WORK ORDER DATE	COMMENCEMENT DATE
1666-01	674,448.00 262,575.00	372,343.50 143,989.15	South Palm Beach/Lantana Municipal Beach	BCC 11/18/2008	ERM 1/5/2009
1666-02	261,118.00 49,693.50	239,382.59 39,702.96	Lake Ida Restoration Project	BCC 3/17/2009	ERM 3/30/2009
1666-02A	98,772.00 17,374.50	73,500.00 0.00	Lake Ida Restoration Project	ERM 5/20/2009	ERM 3/30/2009
1666-02B	36,400.00 0.00	35,035.00 0.00	Lake Ida Restoration Project	CRC 6/10/2009	ERM 3/30/2009
1666-03	438,439.90 129,956.25		Ibis Isle Restoration Project	BCC 6/16/2009	ERM 6/19/2009
1666-03A	182,885.00 9,585.00		Ibis Isle Restoration Project	BCC 7/21/2009	ERM 6/19/2009
AMENDMENT NUMBER 1			2 Year Contract Extension	BCC 7/21/2009	
1666-03B	293,725.25 8,956.13		Ibis Isle Restoration Project	BCC	

Total: \$1,635,311.24

SBE: \$332,189.49

SBE Participation: 20.31%

Report Date & Filename: T:\ee\engser\Consultants\Eastman Aggregates\history_1666.xls\Sheet1

10/22/2009

Attachment 2

R2008 1666

CONTRACT

THIS CONTRACT, made and entered into this _____ day of SEP 23 2008, 20____ between PALM BEACH COUNTY, a political subdivision of the State of Florida, hereinafter referred to as the "County" and Eastman Aggregate Enterprises, LLC hereinafter referred to as the "CONTRACTOR".

WITNESSETH:

That the said Contractor having been awarded the contract for the:

Palm Beach County Annual Dune & Wetlands Restoration Project

Project No.: 2008ERM02

in accordance with the Bid therefore and for and in consideration of the promises and of the covenants and agreements, and of the payments herein specified, to be made and performed by the Contractor and the County, the Contractor hereby covenants and agrees to and with the County to undertake and execute all of the said named work, in a good, substantial and workmanlike manner, and to furnish and pay for all materials, labor, supervision, equipment, supplies, fees, expertise, and services necessary to fully complete all work in accordance with all requirements of the Contract Documents and in accordance with all applicable codes and governing regulations, within the time limit specified in the Bid Form. The Contract Documents consist of the following documents which are incorporated herein by reference.

- A - Invitation for Bid, Instructions to Bidders, Bid Form and Attachments 1 through 8.
- B - Completed Insurance Forms.
- C - General Conditions, Supplemental General Conditions and Appendices A & B.
- D - Technical Specifications, including Figures, Attachments and Appendices.
- E - Addenda.

The Contractor acknowledges that the Work described by this Agreement shall be authorized by Work Order(s) and no minimum number or dollar value of Work Order(s) is promised under this Contract. The Contractor agrees to perform each Work Order issued by the County hereunder for the fixed prices to be established in each Work Order, based on the unit prices set forth in the Contract Bid Schedule, up to a maximum amount for all Work Orders not to exceed FOUR MILLION TWO HUNDRED AND NINETY-SEVEN THOUSAND FOUR HUNDRED AND FIFTY-FOUR DOLLARS (\$4,297,454.00), except as may be increased according to Articles 42 and 43 of the General Conditions. Each Work Order shall establish a fixed price, a time for completion and applicable Liquidated Damages for delay in Substantial and Final Completion.

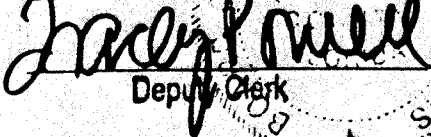
10

This Contract is for a term not-to-exceed twelve (12) months from the date set forth above

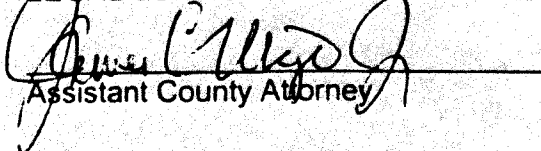
IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this Contract on behalf of the said County and caused the seal of the said County to be affixed hereto, and the Contractor has hereunto set its hand and seal the day and year written. The Contractor represents that it is authorized to execute this contract on behalf of itself and its Surety.

ATTEST:

SHARON R. BOCK
CLERK & COMPTROLLER

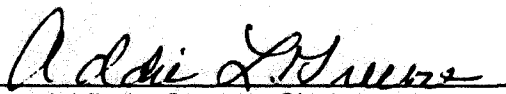

Deputy Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

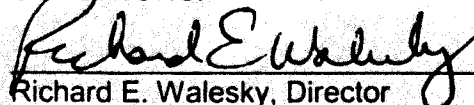

Assistant County Attorney

R 2008 1666 SEP 23 2008

PALM BEACH COUNTY, FLORIDA, A
Political Subdivision of the State of Florida
BOARD OF COUNTY COMMISSIONERS

By: 
Addie L. Greene, Chairperson

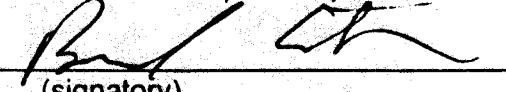
APPROVED AS TO TERMS AND
CONDITIONS:


Richard E. Walesky, Director
Department of Environmental Resources Management

CONTRACTOR:

Eastman Aggregates Enterprises, LLC
(Corporate Name)

a Florida limited liability corporation
(insert state of corporation)

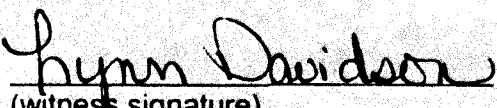
By: 
(signatory)

Bernard Eastman
(print signatory's name)

Its: Managing Member
(print title)

August 25 2008
(date of execution)

3705 Bellevue Avenue
(Contractor's Official Address)
Lake Worth, FL 33461
(Contractor's City, State, Zip Code)
20-1556749
(Federal Tax No.)


(witness signature)

Lynn Davidson
(witness name printed)

(Corporate Seal)

REVISED BID SCHEDULE

PROJECT NUMBER: 2008ERM02

PROJECT NAME: Palm Beach County Annual Dune & Wetlands Restoration Project

CONTRACTOR NAME: Eastman Aggregate Enterprises, LLC

DATE: July 21, 2009

REVISED BID SCHEDULE					
Annual Dune & Wetlands Restoration Construction					
Bid Item	Description	Quantity	Units	Unit Price	TOTAL AMOUNT
Sand Supply					
1a	Supply Sand (<50,000 tons) ²	70,000	Ton	9.78	\$ 684,600.00
1b	Supply Sand (>50,000 tons) ²	90,000	Ton	9.78	\$ 880,200.00
Wetland Restoration					
2	Excavation to Grade	85,000	yd ³ (in-bank)	1.31	\$ 85,150.00
3a	Dewatering	3	Day	945.00	\$ 2,835.00
3b	Additional 100' Dewatering Pipe	9	Day	525.00	\$ 4,725.00
4	Transport Material On-site	90,000	yd ³ (in-bank)/1000'	2.84	\$ 255,600.00
5	Loading for Offsite Transport	10,000	Ton	0.68	\$ 6,800.00
6	Material Grading	140,000	yd ³ (in-bank)	0.74	\$ 103,600.00
7a	Haul Road Construction	250	Linear ft	11.03	\$ 2,757.50
7b	Haul Road Removal	250	Linear ft	2.89	\$ 722.50
Hauling					
8a	Transport and Delivery (first ton-mile) ^{2,3}	160,000	Ton-Mile	1.05	\$ 168,000.00
8b	Transport and Delivery (additional ton-mile) ^{1,2,3,4}	9,280,000	Ton-Mile	0.16	\$ 1,484,800.00
Beach/Dune Placement					
9a	Conveying of Material (initial 300' with hopper/unloader)	70,000	Ton	1.70	\$ 119,000.00
9b	Additional 100' of Conveyor	30,000	Ton	0.37	\$ 11,100.00
10a	Beach Place and Grade (<1000' from access)	103,900	Ton	1.68	\$ 174,552.00
10b	Beach Place and Grade (1000'-2000' from access)	38,000	Ton	3.05	\$ 115,900.00
10c	Beach Place and Grade (>2000' from access)	18,100	Ton	3.72	\$ 67,332.00
11a	Site Preparation & Restoration	8	Work Order	2100.00	\$ 16,800.00
11b	Supply, Delivery and Installation of Sod	2,000	yd ²	2.10	\$ 4,200.00
11c	Repair/Replace Irrigation	500	Linear ft	2.10	\$ 1,050.00
12	Scarp and Compaction Maintenance	47,000	yd ²	2.10	\$ 98,700.00
13	Debris Removal	50	Ton	23.10	\$ 1,155.00
14	Maintenance of Traffic	5	Work Order	1575.00	\$ 7,875.00
					TOTAL BASE BID AMOUNT: \$ 4,297,454.00
Alternate Bid Items					
15a	Supply/Install Bedding/Chinking Stone	1,500	Ton	62.00	\$ 93,000.00
15b	Supply/Install Armor Stone	1,500	Ton	70.00	\$ 105,000.00
16a	Supply/Install Turbidity Curtain	1,200	Linear ft	11.00	\$ 13,200.00
16b	Maintain/Reset Turbidity Curtain	1,200	Linear ft	5.00	\$ 6,000.00
17	Turbidity Monitoring/Reporting	100	Day	150.00	\$ 15,000.00
18	Supply/Install Filter Fabric	108,000	ft ²	0.34	\$ 36,720.00
19	Supply/Install Silt Fence	2,400	Linear ft	2.00	\$ 4,800.00
20	Pre/Post-Construction Survey Team ⁵	120	Hour	223.00	\$ 26,760.00
21	Portable Sand Quality Lab with Technician	72	Hour	75.00	\$ 5,400.00
					TOTAL ALTERNATE BID AMOUNT: \$ 305,880.00
					TOTAL BASE & ALTERNATE BID AMOUNT: \$ 4,603,334.00

Each Bid Line Item shall include mobilization/demobilization in the unit price.

¹ Additional ton-miles are calculated starting 1 mile from the source loading site and continuing to the project staging location. Does not include return to source loading site.

² The County reserves the right to disqualify any source proposed by a Bidder should the hauling costs from a distant source outweigh the benefits of using the less expensive source.

³ Bidder's mileage from sand source to PBC Government Center, 301 N. Olive Avenue, West Palm Beach, FL 33401: 93 miles

⁴ Evaluation of hauling costs will be based on the Unit Price to haul 100,000 tons multiplied by the mileage from the proposed sand source.

The County will evaluate Line Item 8b by substituting Bidder's Total Amount for this Line Item with the product of:

Bidder's Sand Source Mileage to PBC Government Center AND 100,000 Tons AND Bidder's Unit Price. The tonnage and mileage quantities used in the following example are not be construed as actual quantities anticipated for the Contract. This is for Evaluation Purposes only.

EXAMPLE: 8 Miles from "Vista Mine" to PBC Gov't Center X 100,000 Tons X \$0.10/Ton-Mile = \$80,000

⁵ Survey Team comprised of 2 person survey crew, Professional Surveyor and Mapper, and CADD Tech.

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