

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	<u>\$1,566,049</u>	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u>\$1,566,049</u>	_____	_____	_____	_____
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____
Is Item Included in Current Budget?	Yes _____	No _____			
Budget Account No.:	Fund _____	Department _____	Unit _____	Object _____	
	Program _____				

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

Work under each Contract is authorized and funded on a work order basis. Budget is available in various capital project accounts or a budget transfer will be requested prior to or concurrent with work orders being authorized.

C. Department Fiscal Review:

S. Neung

III. REVIEW COMMENTS

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

[Signature] *[Signature]* 5/7/15
OFMB ^{AK} 4/30 ^{AK} 2/30/15 Contract Development and Control
5-7-15 *[Signature]*

B. Legal Sufficiency:

[Signature] 5/12/15
Assistant County Attorney

C. Other Department Review:

Department Director

SITE LOCATION MAP

MENU	LAT	LONG
JUNO PIER ARTIFICIAL REEF	N 26° 53.89'	W 80° 03.00'
LAKE OKEECHOBEE ARTIFICIAL REEF	N 26° 47.75'	W 80° 41.95'
DONATED MATERIALS REEF	N 26° 53.89'	W 80° 03.00'
HIGHLAND BEACH MANGROVE BREAKWATER	N 26° 24.66'	W 80° 04.05'
PEANUT ISLAND BREAKWATERS/REEFS	N 26° 46.34'	W 80° 02.61'

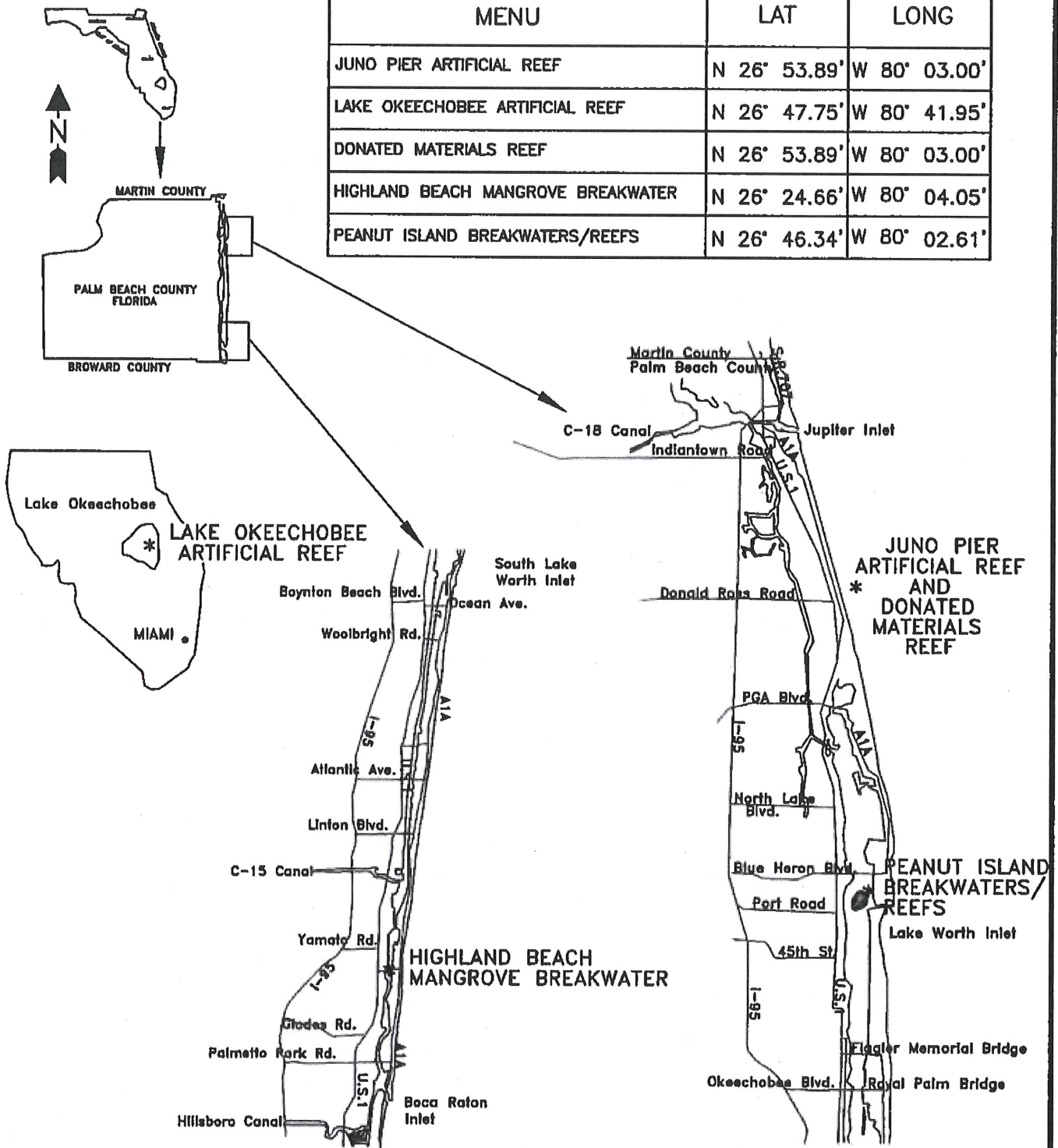


FIGURE 1



PALM BEACH COUNTY
DEPARTMENT OF
ENVIRONMENTAL
RESOURCES
MANAGEMENT

VICINITY MAP

DATE: 12/2014



SCALE: NTS

Palm Beach County
Department of Environmental Resources Management
Construction Contract Bid Evaluation Summary

Project No.: 2015ERM01

Project Name: Palm Beach County Artificial Reef & Breakwater Annual Contract

Bid Opening: March 10, 2015

I. Lowest responsive, responsible bidder:

The Vance Construction Co. (Primary), Coston Marine Services, Inc. (Secondary), Arbor Tree and Land, Inc. (Tertiary)

II. Bidders, ranked from lowest to highest:

Bidder	Evaluated Bid Amount	SBE Participation	Business Location
1. The Vance Construction Co.	\$ 3,219,209.50	54.94%	PBC
2. Coston Marine Services, Inc.	\$ 3,761,657.29	100.00%	PBC
3. Arbor Tree and Land, Inc.	\$ 4,197,115.73	15.81%	PBC

N/E = Not Evaluated

III. Disqualified bidders:

Bidder	Reason
1. NONE	N/A

IV. Alternate Bid Items used to determine Evaluated Bid Amount:

Not applicable.

V. Did SBE Participation affect bid ranking?

No.

VI. Did Local Preference affect bid ranking?

No.

VII. Will Contract Award Amount differ from Evaluated Bid Amount?

Yes, amounts will be based on 1st year quantities, as listed in Figure 2 of the Technical Specifications under "2015", and, as amended in Addendum #1. The Vance Construction Co. (Primary Contractor) contract amount will be \$1,178,684.50, Coston Marine Services, Inc. (Secondary Contractor) contract amount will be \$1,415,196.38, and, Arbor Tree and Land, Inc. (Tertiary Contractor) contract amount will be \$1,566,048.20.

Palm Beach County
Department of Environmental Resources Management
Construction Contract Bid Tabulation

Revised 3/27/2015

Project No.: 2015ERM01 (3 year quantities)
 Project Name: Palm Beach County Artificial Reef & Breakwater Annual Contract
 Bid Opening: March 10, 2015
 Contract Time: Initial 12 months; not to exceed 36 months total Contract Time

				ERM Estimate		Average of All Bids	The Vance Construction Co.		Coston Marine Services, Inc.		Arbor Tree and Land, Inc.	
	BASE BID ITEMS	QUANTITY	UNIT	UNIT COST	TOTAL COST		UNIT COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
	General											
1	Turbidity Monitoring/Reporting	110	Day	\$ 200.00	\$ 22,000.00	201.75	\$ 90.00	\$ 9,900.00	\$ 275.26	\$ 30,278.60	\$ 240.00	\$ 26,400.00
2	Turbidity Curtain	200	Foot	10.00	2,000.00	16.68	6.50	1,300.00	18.53	3,706.00	25.00	5,000.00
3	Mobilization & Demobilization ¹	9	Work Order	30,000.00	270,000.00	20,666.67	9,000.00	81,000.00	28,000.00	252,000.00	25,000.00	225,000.00
	Materials Supply											
4	Supply Limestone Rock (3' to 4' diameter)	7,099	Ton	60.00	425,940.00	66.05	45.00	319,455.00	64.88	460,583.12	88.27	626,628.73
5	Supply Limestone Rock (2' to 3' diameter)	16,050	Ton	50.00	802,500.00	53.77	50.00	802,500.00	44.30	711,015.00	67.00	1,075,350.00
6	Supply Bedding Stone	2,700	Ton	50.00	135,000.00	40.66	40.00	108,000.00	30.63	82,701.00	51.36	138,672.00
7	Supply Sand	10,000	Ton	20.00	200,000.00	20.95	9.90	99,000.00	18.69	186,900.00	34.26	342,600.00
8	Supply Filter Fabric	16,600	SY	4.00	66,400.00	2.97	4.50	74,700.00	2.25	37,350.00	2.16	35,856.00
	Offshore Limestone Reef Construction											
9	Load/Install Rock	5,300	Ton	60.00	318,000.00	49.33	22.00	116,600.00	66.00	349,800.00	60.00	318,000.00
10	Transport Rock ²	94,200	Ton-Mile	2.00	188,400.00	1.08	0.31	29,202.00	1.42	133,764.00	1.50	141,300.00
	Donated Reef Materials											
11	Load/Install Reef Materials	400	Ton	100.00	40,000.00	61.72	45.00	18,000.00	74.16	29,664.00	66.00	26,400.00
12	Load/Install Reef Materials with Crane and Diver	150	Ton	250.00	37,500.00	126.74	45.00	6,750.00	163.23	24,484.50	172.00	25,800.00
13	Transport Reef Materials ²	4,950	Ton-Mile	2.00	9,900.00	1.62	0.75	3,712.50	3.31	16,384.50	0.80	3,960.00
	Inshore Breakwater/Reef Construction											
14	Load/Install Filter Fabric	15,350	SY	5.00	76,750.00	4.50	4.50	69,075.00	4.50	69,075.00	4.50	69,075.00
15	Load/Install Bedding Stone	2,700	Ton	40.00	108,000.00	36.23	35.00	94,500.00	33.70	90,990.00	40.00	108,000.00
16	Load/Install Armor Stone	19,910	Ton	50.00	995,500.00	42.39	50.00	995,500.00	40.16	799,585.60	37.00	736,670.00
17	Transport All Materials ²	195,900	Ton-Mile	1.00	195,900.00	0.85	0.75	146,925.00	1.00	195,900.00	0.80	156,720.00
	Miscellaneous Inshore Construction											
18	Load/Install Sand	10,000	Ton	15.00	150,000.00	9.55	9.00	90,000.00	17.39	173,900.00	2.25	22,500.00
19	Transport Sand ²	80,000	Ton-Mile	1.00	80,000.00	1.11	1.50	120,000.00	0.94	75,200.00	0.90	72,000.00
	Pilings											
20	Supply Prestressed 14" Square Concrete Piling	270	Linear Foot	18.00	4,860.00	27.03	17.00	4,590.00	32.89	8,880.30	31.20	8,424.00
21	Load/Install Concrete Piling in Sand Substrate including 1 sign provided by County	3	Each	2,000.00	6,000.00	2,774.92	2,500.00	7,500.00	2,848.75	8,546.25	2,976.00	8,928.00
22	Load/Install Concrete Piling in Rock Substrate including 1 sign provided by County	6	Each	2,800.00	16,800.00	3,654.52	3,500.00	21,000.00	3,491.57	20,949.42	3,972.00	23,832.00
BASE BID				\$ 4,151,450.00		3,725,994.17	\$ 3,219,209.50		\$ 3,761,657.29		\$4,197,115.73	

¹ Mobilization/demobilization costs shall be allowed once for Work Orders with overlapping construction schedules

² Transport ton-miles will be calculated as outlined in Article 22 of the Technical Specifications.

This tabulation is not a recommendation for award. All bids are subject to compliance review and approval.
 Numbers in **bold italic** indicate a calculation correction.

Palm Beach County
Department of Environmental Resources Management
Construction Contract Bid Tabulation

3/27/2015

Project No.: 2015ERM01 (1 year quantities)
 Project Name: Palm Beach County Artificial Reef & Breakwater Annual Contract
 Bid Opening: March 10, 2015
 Contract Time: Initial 12 months; not to exceed 36 months total Contract Time

1°

2°

3°

ERM Estimate					Average of All Bids	The Vance Construction Co.		Coston Marine Services, Inc.		Arbor Tree and Land, Inc.	
BASE BID ITEMS	QUANTITY	UNIT	UNIT COST	TOTAL COST	UNIT COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
General											
1 Turbidity Monitoring/Reporting	40	Day	\$ 200.00	\$ 8,000.00	201.75	\$ 90.00	\$ 3,600.00	\$ 275.26	\$ 11,010.40	\$ 240.00	\$ 9,600.00
2 Turbidity Curtain	200	Foot	10.00	2,000.00	16.68	6.50	1,300.00	18.53	3,706.00	25.00	5,000.00
3 Mobilization & Demobilization ¹	3	Work Order	30,000.00	90,000.00	20,666.67	9,000.00	27,000.00	28,000.00	84,000.00	25,000.00	75,000.00
Materials Supply											
4 Supply Limestone Rock (3' to 4' diameter)	4,560	Ton	60.00	273,600.00	66.05	45.00	205,200.00	64.88	295,852.80	88.27	402,511.20
5 Supply Limestone Rock (2' to 3' diameter)	4,850	Ton	50.00	242,500.00	53.77	50.00	242,500.00	44.30	214,855.00	67.00	324,950.00
6 Supply Bedding Stone	650	Ton	50.00	32,500.00	40.66	40.00	26,000.00	30.63	19,909.50	51.36	33,384.00
7 Supply Sand	0	Ton	20.00	-	20.95	9.90	-	18.69	-	34.26	-
8 Supply Filter Fabric	5,100	SY	4.00	20,400.00	2.97	4.50	22,950.00	2.25	11,475.00	2.16	11,016.00
Offshore Limestone Reef Construction											
9 Load/Install Rock	2,300	Ton	60.00	138,000.00	49.33	22.00	50,600.00	66.00	151,800.00	60.00	138,000.00
10 Transport Rock ²	29,700	Ton-Mile	2.00	59,400.00	1.08	0.31	9,207.00	1.42	42,174.00	1.50	44,550.00
Donated Reef Materials											
11 Load/Install Reef Materials	400	Ton	100.00	40,000.00	61.72	45.00	18,000.00	74.16	29,664.00	66.00	26,400.00
12 Load/Install Reef Materials with Crane and Diver	150	Ton	250.00	37,500.00	126.74	45.00	6,750.00	163.23	24,484.50	172.00	25,800.00
13 Transport Reef Materials ²	4,950	Ton-Mile	2.00	9,900.00	1.62	0.75	3,712.50	3.31	16,384.50	0.80	3,960.00
Inshore Breakwater/Reef Construction											
14 Load/Install Filter Fabric	3,850	SY	5.00	19,250.00	4.50	4.50	17,325.00	4.50	17,325.00	4.50	17,325.00
15 Load/Install Bedding Stone	650	Ton	40.00	26,000.00	36.23	35.00	22,750.00	33.70	21,905.00	40.00	26,000.00
16 Load/Install Armor Stone	8,360	Ton	50.00	418,000.00	42.39	50.00	418,000.00	40.16	335,737.60	37.00	309,320.00
17 Transport All Materials ²	117,000	Ton-Mile	1.00	117,000.00	0.85	0.75	87,750.00	1.00	117,000.00	0.80	93,600.00
Miscellaneous Inshore Construction											
18 Load/Install Sand	0	Ton	15.00	-	9.55	9.00	-	17.39	-	2.25	-
19 Transport Sand ²	0	Ton-Mile	1.00	-	1.11	1.50	-	0.94	-	0.90	-
Pilings											
20 Supply Prestressed 14" Square Concrete Piling	120	Linear Foot	18.00	2,160.00	27.03	17.00	2,040.00	32.89	3,946.80	31.20	3,744.00
Load/Install Concrete Piling in Sand Substrate											
21 including 1 sign provided by County	0	Each	2,000.00	-	2,774.92	2,500.00	-	2,848.75	-	2,976.00	-
Load/Install Concrete Piling in Rock Substrate											
22 including 1 sign provided by County	4	Each	2,800.00	11,200.00	3,654.52	3,500.00	14,000.00	3,491.57	13,966.28	3,972.00	15,888.00
BASE BID				\$ 1,547,410.00	1,386,643.03		\$ 1,178,684.50		\$ 1,415,196.38		\$1,566,048.20

¹ Mobilization/demobilization costs shall be allowed once for Work Orders with overlapping construction schedules

² Transport ton-miles will be calculated as outlined in Article 22 of the Technical Specifications.

This tabulation is not a recommendation for award. All bids are subject to compliance review and approval.
 Numbers in **bold italic** indicate a calculation correction.



Office of
Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba

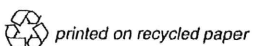
**Palm Beach County
Board of County
Commissioners**

Shelley Vana, Mayor
Mary Lou Berger, Vice Mayor

Hal R. Valeche
Paulette Burdick
Steven L. Abrams
Melissa McKinlay
Priscilla A. Taylor

County Administrator (SB)
Robert Weisman (SB)

"An Equal Opportunity
Affirmative Action Employer"



DATE: March 24, 2015

TO: Daniel Bates, Deputy Director
Department of Environmental Resources
Management

Through: Tonya Davis Johnson, *[Signature]* Director - Office of Small
Business Assistance

FROM: Tanoy Williams, Small Business Development
Specialist II *[Signature]*

SUBJECT: Compliance Review on Project No. 2015ERM01
Palm Beach County Artificial Reef & Breakwater
Annual Contract

The following is Compliance Review of SBE participation
on the above-mentioned project.

LOW BIDDER:

THE VANCE CONSTRUCTION CO.

225 Southern Blvd, Suite 201
West Palm Beach, FL 33405

Phone: 561-855-8195
Bid Opening: March 10, 2015
Bid Amount: \$3,219,209.50
Goal: 15% Overall
Goal Achieved: 54.94

SBE Participation:

Vance Construction	\$1,669,752.50	51.86%
Eastman Aggreg.	\$ 99,000.00	3.08%
	\$1,768,752.50	54.94%

**2ND LOW BIDDER:****COSTON MARINE SERVICES, INC.**

228 Hibiscus Street
Jupiter, FL 33458

Phone:

561-747-4382

Bid Amount:

\$3,761,657.29

Goal:**15% Overall****Goal Achieved:****100%****SBE Participation:**

(SB) Coston Marine

\$3,761,657.29**100%****3RD LOW BIDDER:****ARBOR TREE AND LAND, INC.**

5796 Western Way
Lake Worth, FL 33463

Phone:

561-965-2198

Bid Amount:

\$4,197,115.73

Goal:**15% Overall****Goal Achieved:****15.81%****SBE Participation:**

(BL) O.C. Unlimited

\$629,332.00

14.99%

(SB) Construction Tech

\$ 34,320.00

0.82%

\$663,652.00**15.81%****EVALUATION**

The low bidder, **THE VANCE CONSTRUCTION CO.** has met the
SBE goal for this project.

cc: Helene Hvizd, Assistant County Attorney
File