

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 UNIT COST	The Vance Construction Co.		Coston Marine Services, Inc.		Arbor Tree & 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	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.

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

				ERM Estimate		Average of All Bids UNIT COST	The Vance Construction Co.		Coston Marine Services, Inc.		Arbor Tree & 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
21	Load/Install Concrete Piling in Sand Substrate including 1 sign provided by County	0	Each	2,000.00	-	2,774.92	2,500.00	-	2,848.75	-	2,976.00	-
22	Load/Install Concrete Piling in Rock Substrate 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.