

Posting Time: 3:30pm



Department of Environmental Resources Management

2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2743

(561) 233-2400

FAX: (561) 233-2414

www.pbcgov.com/erm



Palm Beach County Board of County Commissioners

Melissa McKinlay, Mayor

Mack Bernard, Vice Mayor

Hal R. Valeche

Paulette Burdick

Dave Kerner

Steven L. Abrams

Mary Lou Berger

County Administrator

Verdenia C. Baker

PALM BEACH COUNTY DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT

*****FACSIMILE*****

POSTING

DATE: July 27, 2018

TO: Eastman Aggregate Enterprises, LLC
Rio-Bak Corporation
West Construction, Inc.
Southern Disaster Recovery, LLC
Phillips & Jordan, Inc.

FROM: Deborah Drum, Director *DD 7/27/18*
Department of Environmental Resources Management

**RE: AWARD RECOMMENDATION
Palm Beach County Dune and Beach Restoration Annual Contract (Federalized)
PBC/ERM PROJECT NO. 2018ERM01**

Based on bid results for the Base Bid combined with the Alternate Bid, the Department of Environmental Resources Management recommends award of the above referenced contracts to Eastman Aggregate Enterprises, LLC (Contractor A) and Rio-Bak Corporation (Contractor B).

This Award Recommendation will be posted at the Department of Environmental Resources Management on the 4th Floor at 2300 N. Jog Road, West Palm Beach, Florida. The Award Recommendation may be protested by addressing your protest to Ms. Kathleen M. Scarlett, Director, Palm Beach County Purchasing Department, 50 South Military Trail, West Palm Beach, Florida 33415. Failure to file a protest to the Director of Purchasing within five (5) business days after posting of the Award Recommendation, as prescribed in Section IV (D) of the County Purchasing Ordinance 96-17, shall constitute a waiver of proceedings under the referenced County Ordinance.

We thank you for your continued interest in bidding Palm Beach County projects.

Attachments: Bid Evaluation Summary
Bid Tabulation

DD:MS:JA

c: Kathleen M. Scarlett, Director, Purchasing Department
L. Denise Coffman, Assistant County Attorney, County Attorney's Office

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

Project No.: 2018ERM01

Project Name: Palm Beach County Dune and Beach Restoration Annual Contract (Federalized)

Bid Opening: June 12, 2018

I. Lowest responsive, responsible bidder:

Eastman Aggregate Enterprises, LLC (Contractor A), Rio-Bak Corporation (Contractor B)

II. Bidders, ranked from lowest to highest:

Bidder	Evaluated Bid Amount	SBE Participation	Business Location
1. Eastman Aggregate Enterprises, LLC	\$ 10,544,432.26	N/E	N/E (PBC)
2. Rio-Bak Corporation	\$ 11,091,805.66	N/E	N/E (PBC)
3. West Construction, Inc.	\$ 12,809,337.30	N/E	N/E (PBC)
4. Southern Disaster Recovery, LLC	\$ 13,033,411.98	N/E	N/E (South Carolina)
5. Phillips & Jordan, Inc.	\$ 13,505,035.50	N/E	N/E (Pasco County)

N/E = Not Evaluated

III. Disqualified bidders:

Bidder	Reason
NONE	N/A

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

All items were used.

V. Did SBE Participation affect bid ranking?

Not Applicable.

VI. Did Local Preference affect bid ranking?

Not Applicable.

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

Yes, error in Multiplier (Sand Mine Mileage) resulted in higher Contract Price for Rio-Bak Corporation.

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

Project No.: 2018ERM01
Project Name: Palm Beach County Dune and Beach Restoration Annual Contract (Federalized)
Bid Opening: June 12, 2018
Contract Time: Initial 2 years, not to exceed 3 year total Contract Term

BASE BID ITEMS	ERM Estimate			Average of All Bids			Contractor A			Contractor B		
	QUANTITY (2 YEARS)	UNIT	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1 SUPPLY SAND	347,034	TON	\$ 3,595,272.24	\$ 10.36	\$ 3,595,272.24	\$ 10.88	\$ 8.83	\$ 3,064,310.22	\$ 10.50	\$ 3,643,857.00	\$ 1.36	\$ 482,846.24
2 TRANSPORT AND DELIVERY OF MATERIAL (FIRST TON-MILE) ¹	355,034	TON-MILE	497,047.60	1.40	497,047.60	1.35	0.18	5,247,154.08	0.18	5,315,866.81	0.18	5,315,866.81
3 TRANSPORT AND DELIVERY OF MATERIAL (ADDITIONAL TON-MILE) ² SEE "A" BELOW		TON-MILE	3,997,831.68	0.16	3,997,831.68	0.20	2.00	197,000.00	1.85	182,225.00	2.23	57,980.00
4 CONVEYING OF MATERIAL (INITIAL 300' WITH HOPPER/UNLOAD)	98,500	TON	146,765.00	1.49	146,765.00	3.29	2.23	57,980.00	2.15	55,900.00	2.95	574,719.00
5 ADDITIONAL 100' OF CONVEYOR	26,000	TON	59,800.00	2.30	59,800.00	2.33	3.39	390,798.20	3.03	590,304.60	4.41	178,366.86
6 BEACH PLACE AND GRADE (<1000' FROM ACCESS)	194,820	TON	407,173.80	2.09	407,173.80	3.39	8.00	24,000.00	4.55	13,650.00	1.31747	17,127.11
7 BEACH PLACE AND GRADE (1000'-2000' FROM ACCESS)	107,068	TON	349,041.68	3.26	349,041.68	4.83	6.75	25,987.50	3.17	12,204.50	5.00	1,000.00
8 BEACH PLACE AND GRADE (2000'-3000' FROM ACCESS)	40,446	TON	159,761.70	3.95	159,761.70	4.83	0.45	3,375.00	0.85	6,375.00	0.11	374.00
9 BEACH PLACE AND GRADE (>3000' FROM ACCESS)	3,000	TON	13,920.00	4.64	13,920.00	6.24	50.24	12,007.36	60.00	14,340.00	2.50000	12,500.00
10 SITE PREPARATION & RESTORATION	13	CONSTRUCTION ACCESS	17,680.00	1,360.00	17,680.00	3,999.61	323.79	45,654.39	422.97	59,638.77	384.66	45,654.39
11 SUPPLY, DELIVERY, AND INSTALLATION OF SOD	3,850	SY	8,855.00	2.30	8,855.00	3.98	2.25	14,062.50	1.06	6,625.00	1.90	10,750.00
12 REPAIR/REPLACE IRRIGATION	200	LF	460.00	2.30	460.00	14.87	0.84	6,720.00	1.06	8,480.00	1.28	1,740.00
13 SCARP MANAGEMENT	7,500	LF	3,450.00	0.46	3,450.00	1.30	0.84	1,680.00	2.23	4,460.00	1.06	1,740.00
14 COMPACTION MANAGEMENT	3,400	SY	374.00	0.11	374.00	1.04	650.00	68,250.00	150.00	15,750.00	628.47	68,250.00
15 DEBRIS REMOVAL	239	TON	12,428.00	52.00	12,428.00	56.50	7.52654	12,075,349.30				
16 MAINTENANCE OF VEHICULAR AND PEDESTRIAN TRAFFIC	5	WORK ORDER	6,800.00	1,360.00	6,800.00	7,526.54						
17 CERTIFIED SAND QUALITY TESTING	141	SAMPLING EVENT	49,350.00	350.00	49,350.00	384.66						
18 EXCAVATION TO GRADE AND LOAD FOR ONSITE TRANSPORT	6,250	CY (IN-BANK)	10,750.00	1.72	10,750.00	1.90						
19 LOAD FOR OFFSITE TRANSPORT	8,000	TON	6,960.00	0.87	6,960.00	1.28						
20 MATERIAL GRADING	2,000	CY (IN-BANK)	1,740.00	0.87	1,740.00	1.06						
21 TURBIDITY CONTROL AND MONITORING	105	DAY	22,050.00	210.00	22,050.00	628.47						
BASE BID			\$ 9,367,510.70		\$ 12,075,349.30			\$ 10,425,912.46		\$ 11,034,980.86		
ALTERNATE BID ITEMS			UNIT	UNIT COST	TOTAL COST	UNIT COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1A HAUL ROAD CONSTRUCTION	340	LF	\$ 5,440.00	\$ 16.00	\$ 5,440.00	\$ 15.14	\$ 18.00	\$ 6,120.00	\$ 15.00	\$ 5,100.00	\$ 4.47	\$ 1,519.80
2A HAUL ROAD REMOVAL	340	LF	1,700.00	5.00	1,700.00	13.74						
3A TEMPORARY ROAD MAT SYSTEM	6	MATS/WEEK	2,400.00	400.00	2,400.00	1,123.57	1,000.00	6,000.00	600.00	3,600.00		
4A SAND SCREENER	8,000	TON	16,000.00	2.00	16,000.00	4.38	9.50	76,000.00	2.00	16,000.00		
5A SUPPLY/INSTALL SILT FENCE	140	LF	196.00	1.40	196.00	3.91	2.00	280.00	7.32	1,024.80		
6A PRE-/POST-CONSTRUCTION SURVEY	26	TRANSECT	10,400.00	400.00	10,400.00	2,666.99	1,100.00	28,600.00	1,000.00	26,000.00		
ALTERNATE BID			\$ 36,136.00		\$ 121,455.24			\$ 118,519.80		\$ 56,824.80		
BASE BID + ALTERNATE BID			\$ 9,403,646.70		\$ 12,196,804.54			\$ 10,544,432.26		\$ 11,091,805.66		

¹ It is expected that COUNTY-supplied sand shall be used to augment the sand quantity for various projects at the COUNTY's discretion. For bidding purposes, the COUNTY has included an additional 4,000 tons of COUNTY-supplied sand, within 1 mile of the project, in Line Item 2 for Various Dune Projects in each year.

QUANTITY CALCULATION FOR BASE BID ITEM 3

A DISTANCE FROM BIDDER'S SAND SOURCE TO PBC VISTA CTR, 2300 N JOG ROAD, WPB, FL 33411-2743	73	MILES
QUANTITY FOR BASE BID ITEM 3 = (A - 1 MILES) * 347,034 TONS	24,986,448	TONS-MILES

VULCAN	85	MILES
29,150,856	29,532,593.4	TONS-MILES
JAHINA/ORTANA (85)	86.1	MILES
		TONS-MILES

All bids are subject to approval by the BCC.
 Numbers in *bold italic* indicate a calculation correction.

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

Project No.: 2018ERM01
Project Name: Palm Beach County Dune and Beach Restoration Annual Contract (Federalized)
Bid Opening: June 12, 2018
Contract Time: Initial 2 years, not to exceed 3 year total Contract Term

BASE BID ITEMS	QUANTITY (2 YEARS)	UNIT	ERM Estimate		West Construction, Inc.		Southern Disaster Recovery, LLC		Phillips & Jordan, Inc.	
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1 SUPPLY SAND	347,034	TON	\$ 10.36	\$ 3,595,272.24	\$ 12.47	\$ 4,327,513.98	\$ 12.30	\$ 4,268,518.20	\$ 10.29	\$ 3,570,979.86
2 TRANSPORT AND DELIVERY OF MATERIAL (FIRST TON-MILE) ¹	355,034	TON-MILE	1.40	497,047.60	1.74	617,759.16	0.60	213,020.40	1.83	649,712.22
3 TRANSPORT AND DELIVERY OF MATERIAL (ADDITIONAL TON-MILES "A" BELOW	SEE "A"	TON-MILE	0.16	3,997,831.68	0.21	6,121,679.76	0.23	6,792,496.48	0.20	5,830,171.20
4 CONVEYING OF MATERIAL (INITIAL 300' WITH HOPPER/UNLOADE	98,500	TON	1.49	146,765.00	1.62	159,570.00	1.20	118,200.00	9.79	964,315.00
5 ADDITIONAL 100' OF CONVEYOR	26,000	TON	2.30	59,800.00	2.75	71,500.00	1.20	31,200.00	3.34	86,840.00
6 BEACH PLACE AND GRADE (<1000' FROM ACCESS)	194,820	TON	2.09	407,173.80	2.46	479,257.20	3.60	701,352.00	4.89	952,669.80
7 BEACH PLACE AND GRADE (1000'-2000' FROM ACCESS)	107,068	TON	3.26	349,041.68	3.66	391,868.88	4.00	428,272.00	4.90	524,633.20
8 BEACH PLACE AND GRADE (2000'-3000' FROM ACCESS)	40,446	TON	3.95	159,761.70	4.82	194,949.72	4.60	186,051.60	5.75	232,564.50
9 BEACH PLACE AND GRADE (>3000' FROM ACCESS)	3,000	TON	4.64	13,920.00	6.54	19,620.00	5.50	16,500.00	6.59	19,770.00
10 SITE PREPARATION & RESTORATION	13	CONSTRUCTION ACCESS	1,360.00	17,680.00	1,800.00	23,400.00	6,750.00	87,750.00	7,630.59	99,197.67
11 SUPPLY, DELIVERY, AND INSTALLATION OF SOD	3,850	SY	2.30	8,855.00	2.64	10,164.00	4.50	17,325.00	2.82	10,857.00
12 REPAIR/REPLACE IRRIGATION	200	LF	2.30	460.00	3.04	608.00	1.20	240.00	49.27	9,854.00
13 SCARP MANAGEMENT	7,500	LF	0.46	3,450.00	1.10	8,250.00	3.40	25,500.00	0.71	5,325.00
14 COMPACTION MANAGEMENT	3,400	SY	0.11	374.00	0.16	544.00	0.35	1,190.00	3.57	12,138.00
15 DEBRIS REMOVAL	239	TON	52.00	12,428.00	92.40	22,083.60	26.70	6,381.30	53.14	12,700.46
16 MAINTENANCE OF VEHICULAR AND PEDESTRIAN TRAFFIC	5	WORK ORDER	1,360.00	6,800.00	1,932.00	9,660.00	4,200.00	21,000.00	14,000.70	70,003.50
17 CERTIFIED SAND QUALITY TESTING	141	EVENT	350.00	49,350.00	474.00	66,834.00	335.00	47,235.00	367.52	51,820.32
18 EXCAVATION TO GRADE AND LOAD FOR ONSITE TRANSPORT	6,250	CY (IN-BANK)	1.72	10,750.00	2.28	14,250.00	1.20	7,500.00	2.69	16,812.50
19 LOAD FOR OFFSITE TRANSPORT	8,000	TON	0.87	6,960.00	1.07	8,560.00	1.00	8,000.00	2.41	19,280.00
20 MATERIAL GRADING	2,000	CY (IN-BANK)	0.87	1,740.00	1.32	2,640.00	0.40	800.00	0.51	1,020.00
21 TURBIDITY CONTROL AND MONITORING	105	DAY	210.00	22,050.00	270.00	28,350.00	1.40	147.00	2,070.93	217,447.65
BASE BID			\$ 9,367,510.70		\$ 12,579,062.30		\$ 12,978,678.98		\$ 13,358,111.88	
ALTERNATE BID ITEMS			UNIT		UNIT COST		UNIT COST		UNIT COST	
1A HAUL ROAD CONSTRUCTION	340	LF	\$ 16.00	\$ 5,440.00	\$ 20.40	\$ 6,936.00	\$ 11.20	\$ 3,808.00	\$ 11.08	\$ 3,767.20
2A HAUL ROAD REMOVAL	340	LF	5.00	1,700.00	6.07	2,063.80	17.80	6,052.00	25.34	8,615.60
3A TEMPORARY ROAD MAT SYSTEM	6	MATS/WEEK	400.00	2,400.00	600.00	3,600.00	2,200.00	13,200.00	1,217.83	7,306.98
4A SAND SCREENER	8,000	TON	2.00	16,000.00	6.90	55,200.00	1.40	11,200.00	2.08	16,640.00
5A SUPPLY/INSTALL SILT FENCE	140	LF	1.40	196.00	1.68	235.20	1.75	245.00	6.81	953.40
6A PRE-/POST-CONSTRUCTION SURVEY	26	TRANSECT	400.00	10,400.00	6,240.00	162,240.00	778.00	20,228.00	4,216.94	109,640.44
ALTERNATE BID			\$ 36,136.00		\$ 230,275.00		\$ 54,733.00		\$ 146,923.62	
BASE BID + ALTERNATE BID			\$ 9,403,646.70		\$ 12,809,337.30		\$ 13,033,411.98		\$ 13,505,035.50	

¹ It is expected that COUNTY-supplied sand shall be used to augment the sand quantity for various projects at the COUNTY'S discretion. For bidding purposes included an additional 4,000 tons of COUNTY-supplied sand, within 1 mile of the project, in Line Item 2 for Various Dune Projects in each year.

QUANTITY CALCULATION FOR BASE BID ITEM 3	QUANTITY	MILES	TON-MILES
A) DISTANCE FROM BIDDER'S SAND SOURCE TO PBC VISTA CTR, 2300 N JOG ROAD, WPB, FL 33411-2743	73		
QUANTITY FOR BASE BID ITEM 3 = (A - 1 MILES) * 347,034 TONS	24,986,448		

QUANTITY CALCULATION FOR BASE BID ITEM 3	QUANTITY	MILES	TON-MILES
VULCAN (72)	85		
JAHNA/ORTANA (92)	86.1		
QUANTITY FOR BASE BID ITEM 3 = (A - 1 MILES) * 347,034 TONS	29,150,856		

QUANTITY CALCULATION FOR BASE BID ITEM 3	QUANTITY	MILES	TON-MILES
VULCAN	85		
QUANTITY FOR BASE BID ITEM 3 = (A - 1 MILES) * 347,034 TONS	29,150,856		

All bids are subject to approval by the BCC.
 Numbers in *bold italic* indicate a calculation correction.