



## ADDENDUM NO. 2

Issue Date: August 20, 2020

Project Name: Sector 3 Beach and Dune Restoration

Bid Number: 2020055

Bid Opening Date: September 3, 2020

This addendum is being released to provide minutes and sign in sheets from the pre-bid meeting and modify the Itemized Bid Schedule. One additional addendum is anticipated to address remaining questions.

The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

**Modifications to Bid Documents:**

**REPLACE** page 00310-3 with attached page 00310-3 (Addendum 2)

**Attachments:**

Page 00310-3 (Addendum 2) – Itemized Bid Schedule  
Pre-Bid Meeting Minutes  
Pre-Bid Sign In Sheets

# ITEMIZED BID SCHEDULE

## PROJECT NAME: SECTOR 3 BEACH AND DUNE RESTORATION PROJECT

PROJECT NO. 1925

BID NO. 2020055

BIDDER'S NAME: \_\_\_\_\_

Item No.	Description	Unit	Quantity	Unit Price	Amount
1	MOBILIZATION/DEMobilIZATION	LS	1		
* 2	FURNISH AND INSTALL SAND	CY	670,600		
* 3	BEACH TILLING	AC	15.65		
4	SURVEYS	LS	1		
5	DUNE VEGETATION	EA	352,120		
6	ENVIRONMENTAL COMPLIANCE	LS	1		
7	SITE RESTORATION	LS	1		
<b>SUB TOTAL</b>					
<b>FORCE ACCOUNT</b>					\$ 1,400,000.00
<b>TOTAL BID AMOUNT (INCLUDING FORCE ACCOUNT)</b>				<b>TOTAL</b>	

LS=Lump Sum AC=Acre EA=Each CY=Cubic Yard

**NOTE: IF THERE IS A DISCREPANCY BETWEEN THE PLANS (SUMMARY OF PAY ITEMS) AND THE ITEMIZED BID SCHEDULE, THE BID SCHEDULE WILL BE UTILIZED FOR BIDDING PURPOSES.**

**TOTAL PROJECT BID AMOUNT IN WORDS** \_\_\_\_\_

*BID ITEM NOTE: ITEM #1 MOBILIZATION/DEMobilIZATION SHALL INCLUDE ALL THE COSTS ASSOCIATED WITH THE CONTRACTORS SELECTED METHODOLOGY FOR SAND PLACEMENT*

*BID ITEM NOTE: ITEM #6 PERMIT ENVIRONMENTAL COMPLIANCE: SHALL INCLUDE ALL THE COSTS ASSOCIATED WITH THE CONTRACTORS SELECTED METHODOLOGY FOR SAND PLACEMENT*



# Board of County Commissioners

1801 27th Street  
Vero Beach, Florida 32960-3365  
Telephone: (772) 567-8000  
Fax: (772) 778-9391

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**PRE-BID MEETING AGENDA**  
**AUGUST 14, 2020, 2:30 P.M.**  
**INDIAN RIVER COUNTY ADMINISTRATION BUILDING**  
Room A1-303 Building A  
**SECTOR 3 BEACH AND DUNE RESTORATION PROJECT**  
**PROJECT No. IRC-1925**

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This meeting will be recorded as part of the project records.

**Project Name:** SECTOR 3 BEACH AND DUNE RESTORATION PROJECT  
**Project Number:** IRC-1925  
**Bid Number:** 2020055

## **INTRODUCTIONS / SIGN IN SHEET**

*James Ennis started the meeting at 2:30 with an introduction of County staff, Consultants on the project and an introduction of attendees in the audience and on the phone. Those on the phone were requested to follow-up with Coastal staff via e-mail of their attendance at the non-mandatory pre-bid.*

This is a Pre-Bid Meeting; Attendance at this conference by all bidders is NOT MANDATORY. Everyone present during any part of the meeting please sign in. For those calling into this meeting please email your name, company, and phone number to [coastal@ircgov.com](mailto:coastal@ircgov.com) to receive a copy of this agenda.

## **PROJECT DESCRIPTION:**

The Project entails re-nourishment of the County's Sector 3 Beach & Dune Restoration Project via placement of about 670,600 cubic yards of beach-compatible sand fill and about 352,120 native dune plants over 6.6 miles of Atlantic Ocean beach in central Indian River County. Sand fill is proposed to be obtained from either (a) the County's Offshore Borrow Area, or (b) an upland sand source pre-qualified by the County, and/or (c) an upland sand source separately approved by Florida Department of Environment Protection. To avoid adverse impacts to nesting sea turtles, construction is expected to be completed during the period from November 1, 2020 and April 30, 2021.

## **CONTRACT DETAILS**

Bid opening: Thursday, September 3, 2020 at 2:00 PM  
Contract time: 185 days to substantial completion  
215 days to final completion

**NOTE:** All on beach construction activities including sand placement & shaping shall be completed no later than April 30th due to permit requirements, the completion of all sand placement and shaping activities is necessary in order to achieve substantial completion of the project.

Engineer's Estimate: \$14,800,000 (Does not include Force Account)

Liquidated Damages: \$4,344.00 per day

*James Ennis indicated that the Force Account line item that is part of the bid schedule is not to be bid upon and that the value is provided by the County and it is to be calculated in the final dollar amount for the bid using the provided value. The Force Account line item is not intended to be a 'slush-fund' line item for the Contractor's discretionary use, the Force Account line item is intended for use by the County as a contingency fund for when unforeseen work or differing field conditions require a work change directive, or field work order, to be issued. IRC Public Work project management is the only party that can direct work utilizing these funds.*

*James Ennis noted that liquidated damages may be assessed against the Contractor for failure to achieve either the substantial completion deadline or the final completion deadlines; however, the Contractor could only be charged the daily rate indicated in the Contract and that they would not be double assessed if they were in non-compliance with both the Substantial and Final Completion deadlines.*

*Nicole Sharp (APTIM) that there was an error in the Bid Table for the Sector 3 project, and stated that an addendum will be issued to address the error.*

### **CONTACTS BIDDING PROCESS**

All communications concerning this bid shall be directed to Indian River County Purchasing Division at [purchasing@ircgov.com](mailto:purchasing@ircgov.com).

### **PROJECT CONSULTANTS:**

APTIM Environmental & Infrastructure, Inc.  
Nicole Sharp, P.E.

*Nicole Sharp was introduced and stated that APTIM would be responsible for providing oversight of day to day operations in addition to addressing technical aspects of the Beach and Dune construction*

### **PERMITS:**

All permitting for the project has been completed by the County. The permits include:  
Department of the Army Permit – PENDING

*Permit now expected mid-September based on new SARBO and prior reviewer questions on the use of the SARBO.*

Florida Department of Environmental Protection – 0285993-009-JC  
FDEP Permit Modifications - TBD

### **PROJECT OVERVIEW DISCUSSION:**

- Review and comment with questions and clarifications as soon as possible, no further

comments 10 days prior to bid opening (Monday, August 24, 2020).

- Anticipated Bid Award in October
- The Notice to Proceed tentative issuance is TBD
- Project must commence within 14 days of Notice to Proceed
- Contractor will need to comply with conditions and requirements of ALL permits
- Work hours – IRC work hours are from 7AM to 5PM. Night time operations, work on weekends or holidays will need approval from IRC.

*James Ennis stated that it was understood that if Dredging was the selected method for sand placement that it would necessitate 24 hours/day 7 day/week operations due to the nature of dredging operations and that Clarification would be provided with regards to what limitations will be required.*

- Beach fill material – must come from a permitted source

*Nicole Sharp stated that if contractor chooses to use other non-permitted sand source, they are responsible for all costs associated with its use.*

- Non-compliant fill material placed on beach must be removed at Contractor expense
- Driveway, business and road access shall be maintained at all times
- The Contractor will only be permitted to close the beach in the area where sand placement work is being immediately performed or where equipment is operating/staging. Contractor shall be required to phase their work in such a manner to minimize impacts to local businesses and residents and maintain existing beach access. Regular communication between the Contractor, County and Consultant will be necessary to ensure minimal closure times to sections of the beach being restored.
- Contractor shall be responsible for removing any construction related debris by the end of each work day
- Maintenance of Traffic:
  - Contractor shall submit a Maintenance of Traffic Plan to the Indian River County Traffic Division for approval
  - The Maintenance of Traffic Plan shall meet the FDOT Index 600, January 2018 Edition and shall be signed and sealed by a Florida P.E.
- Late Season Sea Turtle Nesting and Nest Relocation:
  - Nests laid within the project area as of August 28<sup>th</sup> will be relocated to one of two locations (N or S of project area). Relocations will occur until nesting is complete.
  - Late Season Nest Monitoring will occur until all nesting is complete. Regular coordination with the County's MTP is necessary nest evaluations are complete.

*Nicole Sharp brought the attendees attention to the daily reports required by the contractors and the need for those reports to submitted by noon the following day.*

#### **PROJECT TECHNICAL DISCUSSION – NICOLE (APTIM)**

- Project Construction Schedule
- Project Construction Access and Staging Areas (Map and Plans)
- Project Specifications (Surveys, Outfalls, Buildings, Limit of Fill, Daily Report)

- Project SOW (Bid Items)
- Sediment QA/QC Plan

*Nicole Sharp stated that the between R-51.3 to R-55 that sand shall only be placed above the mean high-water line and that this was indicated in the plans. Nicole Sharp noted that the Contractor's would be responsible for any impacts to nearshore hardbottom as a result of sand placement outside of the approved template.*

**PERMIT MODIFICATION (TBD)**

- Upland Sand Sources (Sand RFQ)
- Beach Access and Staging Locations (Map and Plans)

**QUESTIONS AND COMMENTS:**

The following responses are based upon questions that were verbally provided during the Pre-bid meeting discussion along with the formal County response to the questions:

Q – How many access points are contractors able to utilize at the same time?

A – The County is not placing a limit on the number of access points that can be used simultaneously; however, beach access points must be actively used for construction and shall be restored when activities are no longer actively occurring. It is the intent that the Contractor only use actively use access points without minimal stand by or down time.

Q – Any preference on whether the sand nourishment project moves from north to south, or south to north?

A – The County has no preference. County does strongly suggest that surveys be performed quickly for completed sections so that grading for that section can be approved for placement payment.

Q – The County has outstanding easements still in process, how is that going to impact the project?

A – The County is still pursuing easements within the project limits. Project limits may be adjusted based on easements obtained. Where specific parcels or ranges of parcels are bypassed the Contractor will be required to slope the plan profile to the existing conditions at the boundaries of the parcel(s) not receiving sand.

Q – How can we track the easements?

A – The County's website has a link to the easement statuses. [www.ircgov.com/easements](http://www.ircgov.com/easements)

Q – Will prime require sieve analyses?

A – Sand requirements are defined in Appendix D for Offshore sand source and Appendix E for upland sand sources in the Technical specifications.

Q – Clarification on entering information into the Bid form. How do bidders reflect non-used lines (dredge contractor not using truck haul)?

A – IRC Public works has reviewed this and has modified the bid schedule to reflect that sand quantities will be paid solely on volume determined by pre and post sand placement surveys.

Q – If County unable to obtain all the necessary easement agreements, what will be the approach for the project?

A – Generally the approach will be to skip over the parcel where agreements have not been obtained. Where specific parcels or ranges of parcels are bypassed the Contractor will be required to slope the plan profile to the existing conditions at the boundaries of the parcel(s) not receiving sand.

Q – If dredge project is the successful bidder, can the dredge company lay pipe down over properties in which no easement agreements have been obtained?

A – The Contractor may not place pipe on private property where the County has not received and easement. All work shall be below the MHWL at these locations.

Q – If a Hopper dredge is used, do hopper dredges need to travel in the access and pipeline corridor, or can they find shorter distances to the beach?

A –Hopper dredges must remain within the access and pipeline corridor.

Q – Since Sector 3 and Sector 7 are using the same borrow area, can the projects be bid together by one contractor, or can the dates of bid opening be adjusted to allow for greater economies of scale by winning bidder?

A – The County had considered different ways to bid out the projects, but the current approach has been selected by the County for bidding the project.

Q – Offshore borrow area last used in 2007, but data shows otherwise?

A – Surveys were conducted in 2019 and will be conducted again pre-construction.

Q – Does the County have a preference on beach sector completion should one bidder be awarded both projects?

A –the County has no preference as long as the projects are completed by April 30, 2021.

Pre-bid ended at 15:07.

**NON-MANDATORY PRE-BID MEETING  
SIGN-IN SHEET  
INDIAN RIVER COUNTY ENGINEERING  
INDIAN RIVER COUNTY ADMINISTRATION BUILDING  
Room A1-303 Building A & Conference Call-In  
SECTOR 3 BEACH AND DUNE RESTORATION PROJECT  
August 14, 2020 at 2:30 P.M.**

NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
Tommy King	Rio-Bek	561-718-8211 561-791-9734	tommy@rio-bek.com
Ryan Lester	Phillips + Jordan	813-780-4335	rl Lester@pandj.com
RAY LUKE	SIBONEY	561-722-0857	RLUKE@SIBONEYCC.COM
BERT LUER	SOIL TECH DISTRIBUTES	786-367-1680	BERTLUER@AOL.COM
Tom Fontaine	Coastal Tech 3625 20th St Vero Fl	772-562-8580	tfontaine@coastaltech.com
Nicole Sharp	Aptm 2481 NW Boca Raton Blvd	561-361-3150	nicole.sharp@aptm.com
ERIC CHAREST	IRC	772 226-1569	ECHAREST@IRC.GOV.COM
Quintin Bergman	IRC	772-226-1648	qbergman@irc.gov.com



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NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
Jay Wise	STAVOLG Aggregate 616 Centerline Rd 32944	321 289 7000	JWise @ STAVOLG aggregate.com
MICK ELLISON	KSM ENGINEERING 11215 US1 SEBASTIAN FL	321-403-9120	MICK @ KSMENGINEERING.NET
Bernie Eastman	3705 Bellevue Ave Lake Worth FL 33461	561 719-9146	Bernie@eastmanagg.com
Sean Kemnuir	<del>Eastman</del> Eastman Aggregates 3705 Belveroe Ave, Lake Worth FL 33461	<del>561</del> 954 328 0808	sean@eastmanagg.com

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NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
Chrissy Heusel	Earth Balance 1320 Jersey Ave. St. Cloud FL 34786	407-518-5592-P 407-518-9131-F 407-908-4780-C	chensel@earthbalance.com
Annie Otto	Cardno 3905 Crescent Park Dr Riverview FL 33578	813-847-8826 C 813-927-0112 C	annette.otto@cardno.com
Yorin van Wilsum	5 Dredge & Marine 2950 NW Commerce Parkway	561-460-7995	Yorin@FiveDM.com
Dave Scharr	111 Palm View Rd Palmetto, FL Cross Creek Env.	941-720-3572	Dave@crosscreekenv.com
Nick Stewart	Stewart Materials 13575 Indrio Rd Ft. Pierce	772-971-1500	Nick@Stewartmaterials.com
Alex Lopez	3825 85th AVE N Minneapolis MN	832-457-7421	alejandro.lopez@cersops.com

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**Call in participants that followed through with e-mail confirmation**

NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
William House	Manson Construction Co.	(904) 821-0211, extension 3465	<a href="mailto:whouse@mansonconstruction.com">whouse@mansonconstruction.com</a>
Gil Sharell, Jr.	Aquatic Plants of Florida, Inc.	(941) 378-2700	<a href="mailto:gil@apofl.com">gil@apofl.com</a>
James Austin	APTIM	(561) 361-3217	<a href="mailto:James.Austin@aptim.com">James.Austin@aptim.com</a>
Ben Guettler	Guettler Construction	(772) 461-8345	<a href="mailto:ben@guettlerconstruction.com">ben@guettlerconstruction.com</a>
Ashley Richardson	Great Lakes Dredge & Dock Company	(630) 928-4337	<a href="mailto:ADRichardson@gldd.com">ADRichardson@gldd.com</a>

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