



ADDENDUM NO. 2

Issue Date: October 28, 2021

Project Name: Sector 5: Additional Dune Plantings

Bid Number: 2022001

Bid Opening Date: **November 10, 2021**

This addendum is being released to provide clarification to items discussed at the 10/21/2021 non-mandatory Pre-Bid meeting, as well as provide maps reflecting easement status in which properties will not be planted and should not have any equipment, beach safe 4WD vehicles, or contractor individuals placed on or traversed. 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.**

Attachments:

Pre-Bid Minutes

Response to Questions

Sign in Sheet

Sector 5 Easement Maps

Indian River Board of County Commissioners

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

PRE-BID MEETING AGENDA

October 21st, 2021, 1:00 PM

INDIAN RIVER COUNTY ADMINISTRATION BUILDING
Room A1-303 Building A (Public Works)
SECTOR 5 ADDITIONAL DUNE PLANTING PROJECT
Project No. IRC-2112

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

Project Name: SECTOR 5 ADDITIONAL DUNE PLANTING PROJECT
Project Number: IRC-2112
Bid Number: ~~2021001~~ 2022001

INTRODUCTIONS / SIGN IN SHEET

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.

PROJECT DESCRIPTION

The Project entails planting approximately 135,000 additional native salt tolerant dune plants within the completed Sector 5 Beach and Dune Restoration Project (IRC-1923), located over 3.1 miles of the Atlantic Ocean beach in central Indian River County. To avoid adverse impacts to nesting sea turtles, construction is expected to be completed between November 1, 2021 and April 30, 2022 (outside of the sea turtle nesting season in Indian River County).

CONTRACT DETAILS

Bid Opening: Wednesday, ~~October 21st~~ November 10th, 2021 at 2:00 PM
Contract time: Dune planting is expected to occur outside of sea turtle nesting season and should be substantially completed by February 28, 2022

~~NOTE: All on-beach construction activities shall be completed no later than April 30, 2022 due to permit requirements, the completion of all sand placement and grading activities is necessary in order to achieve substantial completion of the project.~~

Liquidated Damages: \$1,045.00 per day

Force Account:

- The Force Account line item is not to be bid upon and that the value is provided by the County. It is to be calculated in the final dollar amount for the bid using the provided value. The Force Account line item is intended for use by the County as a contingency

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fund for when unforeseen work or differing field conditions require a work change directive, or field work order, to be issued.

CONTACT BIDDING PROCESS

All communication concerning this bid shall be directed to Indian River County Purchasing Division at purchasing@ircgov.com.

PROJECT CONSULTANTS

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

PERMITS

All permitting for the project has been completed by the County. The permits include:

Florida Department of the Environmental Protection: 0363427-001-JC

PROJECT OVERVIEW DISCUSSION

- Review and comment with questions and clarification as soon as possible, no further comments 10 days prior to bid opening.
- Anticipated Bid Award in December.
- The Notice to Proceed tentative issuance is TDB
- 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 sunrise to sunset. Night time operations, work on weekend or holidays will need approval from IRC.
- All plants obtained shall be nursery grown and will be checked for well-developed root system, good foliage, and free from pests/damage.
- Planting locations, voids in vegetation to be filled, top of dune and slope, and avoid planting beach access areas
- Contractor shall not traverse or plant areas in which the County has not received an easement agreement. Contractor is responsible for field verification of areas to be skipped.

The County will provide a map outlining properties that do not have easements and must be avoided.

- All plants will be planted with a hydrated gel and fertilizer
- Watering plan/schedule in needed
- All plants will need to meet the warranty period requirements outlined in the contract
- Plants that do not meet the warranty requirement will need to be replaced on beach at Contractor expense

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- Contractor shall be able to track and report when/where plants are planted in order to assure meeting the warranty period
- Equipment staging is allowed at approved Tracking Station Beach Park area
- The Contractor shall not close the beach in the area where planting work is being performed or where equipment is staged.
- The Contractor is required to submit the Weekly QC Reports by 2pm Wednesdays to the County and Engineering Consultant. Failure to do so could result in work shutdown at the Contractor's expense.

PROJECT TECHNICAL DISCUSSION – Nicole (APTIM)

- Project Construction Schedule
 - o Must be completed 2 months from NTP and before 2/28/22
 - o Contractor shall provide order of work and schedule for review and approval
 - o Preliminary schedule shall be provided with bid
- Project Construction Access and Staging Areas (Map and Plans)
 - o Tracking Station Beach Park is only access/staging point
- Project Specifications
 - o Contractor is responsible for delineating no planting areas
 - o Access paths shall be avoided
 - o Dune planting shall be on flat portion of dune; if approved, contractor can work with county and engineer to plant dune slope/upper portion of berm if needed.
 - o Planting area spans from R-70 to R-86
 - o There is a maintenance and warranty period for survivability
 - 90 days with 80% survival rate
 - Assessment at 14 days post-planting with 100% survival rate
 - 45-day inspection (*root inspection to take place*)
 - o Larger 1-gallon sea oats shall be planted toward rear of dune
- Project SOW (Bid Items)
 - o 1" liners and 1-gallon plants

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QUESTIONS AND COMMENTS

Q- The contract states “current registration as a general contractor”, will this be necessary for this project?

A- A general contractor license will not be necessary for this project

Q- Will a 100% Performance Bond, called out in the contract, be necessary for this project?

A- Because the project is expected to be over \$100,000, a Public Construction Bond, no longer the “Performance Bond”, will be needed in an amount equal to the bid. This bond cannot be reduced. Please comply with 100% of the Public Construction Bond outlined in Article 9.A.3 - Contract Documents; Public Construction Bond; Pages 00610-1 to 00610-3 due within 15 days of Award of Bid.

Q- The contract calls out planting template to be 9” on center but also that planting is flexible? What does the County mean by this?

A- As stated within the agenda and within the contract’s technical specifications, there are voids, previously established dune vegetation, skipped properties, and seawalls within the dune project area. The County would like for the plantings to be as uniform as possible with 9” as a standard to assure efficient coverage of vegetation, but the flexibility is in regards to the County’s awareness that the space in which planting will occur is variable due to the above reasons. In conclusion the County would like to see the 135,000 sea oats planted on the dunes in the most efficient way in order to cover the 3.1 miles of coastline.

Indian River County Board of County Commissioners
Coastal Engineering Division

Sector 5 Easement Status Map

IRC-2112: Sector 5 Additional Dune Planting Project

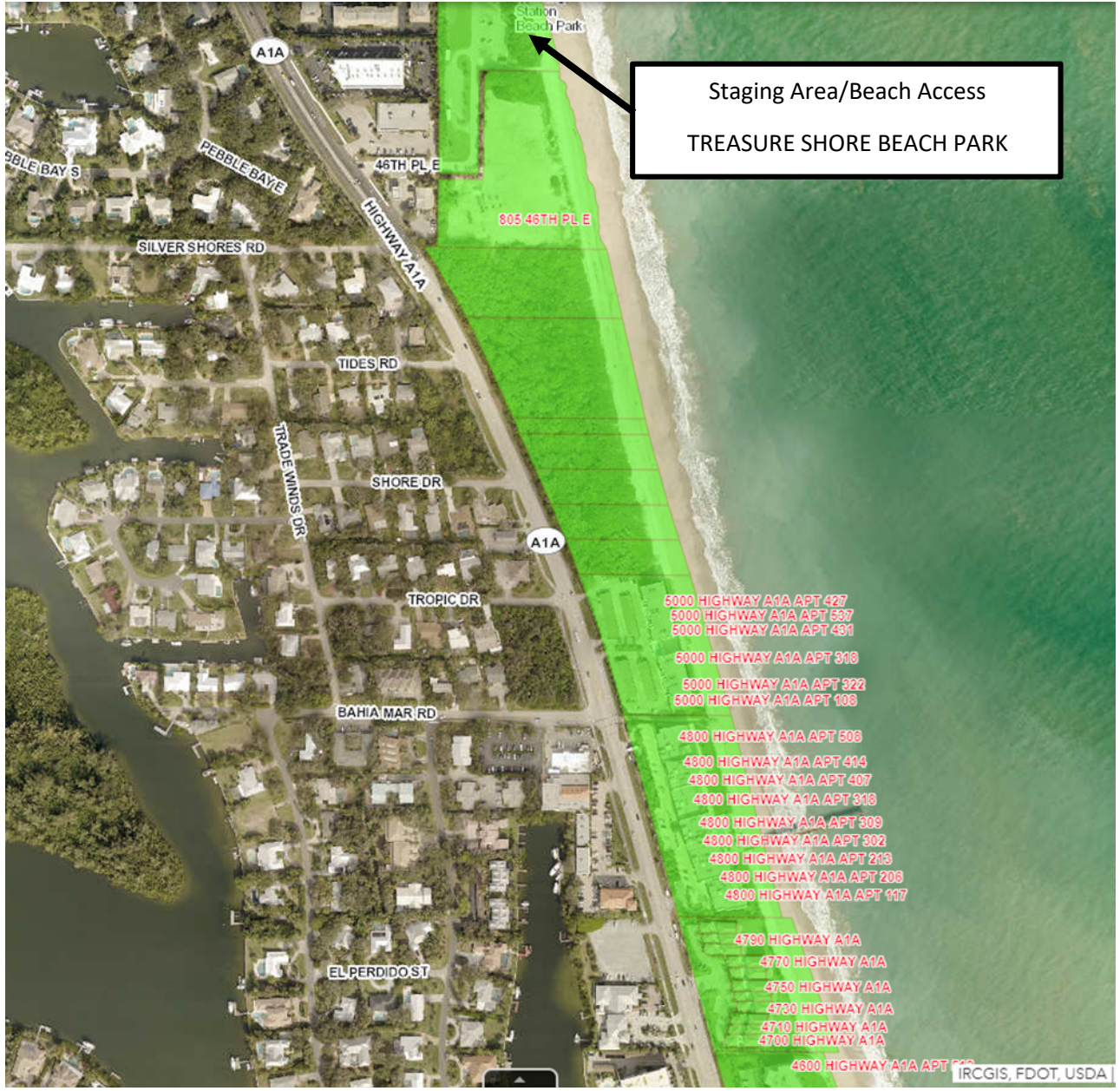
*These maps show properties that must be avoided throughout the planting project due to lack of an easement agreement with the County. These properties are depicted in **RED** on the following maps. Properties depicted in **GREEN** have a granted easement and are ok to plant the top and slope of dune where space allow (pending seawalls and previously established dune vegetation).*

*Please do note that **RED** properties can only be traversed below the mean high-water line and nothing is to be placed or staged within these property boundaries.*

The Sector 5 project area begins at FDEP R Monument 70 (141 Mariner Beach Lane) and wraps up at FDEP R Monument 86 (2300 Ocean Drive).



Staging Area/Beach Access
TREASURE SHORE BEACH PARK



Staging Area/Beach Access
TREASURE SHORE BEACH PARK

805 46TH PL E

- 5000 HIGHWAY A1A APT 427
- 5000 HIGHWAY A1A APT 587
- 5000 HIGHWAY A1A APT 431
- 5000 HIGHWAY A1A APT 318
- 5000 HIGHWAY A1A APT 322
- 5000 HIGHWAY A1A APT 108
- 4800 HIGHWAY A1A APT 508
- 4800 HIGHWAY A1A APT 414
- 4800 HIGHWAY A1A APT 407
- 4800 HIGHWAY A1A APT 318
- 4800 HIGHWAY A1A APT 309
- 4800 HIGHWAY A1A APT 302
- 4800 HIGHWAY A1A APT 213
- 4800 HIGHWAY A1A APT 206
- 4800 HIGHWAY A1A APT 117
- 4790 HIGHWAY A1A
- 4770 HIGHWAY A1A
- 4750 HIGHWAY A1A
- 4730 HIGHWAY A1A
- 4710 HIGHWAY A1A
- 4700 HIGHWAY A1A
- 4800 HIGHWAY A1A APT 117





GREYTWIG RD

A1A

EAGLE DR

HIGHWAY A1A

OCEAN DR

ACACIA RD

BEACHLAND BLVD

A1A

AZALEA LN

EAGLE DR

3766 OCEAN DR

3756 OCEAN DR

3748 OCEAN DR

3700 OCEAN DR

3640 OCEAN DR

3638 OCEAN DR

3636 OCEAN DR

3634 OCEAN DR

3632 OCEAN DR

3630 OCEAN DR

3628 OCEAN DR

3554 OCEAN DR APT N-1201

3556 OCEAN DR

3552 OCEAN DR

3554 OCEAN DR ART S303

3544 OCEAN DR

3500 OCEAN DR

3450 OCEAN DR UNIT 106

3450 OCEAN DR UNIT 201

3450 OCEAN DR UNIT 401

3450 OCEAN DR UNIT 603

3426 OCEAN DR STE A

3384 OCEAN DR

1015 SEXTON PLZ

SEXTON PLAZA

1050 SEXTON PLZ

3244 OCEAN DR

