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| Agenda | Item: | 3L-4 |
|--------|-------|------|
|        |       |      |

# PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

#### AGENDA ITEM SUMMARY

| Meeting Date: | November 17, 2020      | (X) Consent<br>( ) Workshop | ()Regular<br>()Public Hearing |  |
|---------------|------------------------|-----------------------------|-------------------------------|--|
| Department:   | Environmental Resource |                             |                               |  |

#### I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to:

**A)** approve Contract No. 2020ERM03 (Contract) with Great Lakes Dredge & Dock Company, LLC in the amount of \$21,182,985 providing construction services for the North County Comprehensive Shore Protection Project (Project) for a term beginning upon execution and expiring on April 30, 2022; and

**B) approve** a Budget Amendment of \$12,853,908 to the Beaches Fund to recognize allocated Federal Emergency Management Agency (FEMA) funding for the Project Segment III.

**Summary:** The Contract will furnish all work, materials, labor, supervision, equipment, supplies, fees, expertise, and services necessary for beach renourishment along approximately 1.6 miles in the Town of Jupiter (Segment 1) and 2.4 miles in the Town of Juno Beach (Segment 3). The work includes placing 969,600 cubic yards of sand along Segment III and 416,000 cubic yards along Segment I. Segment III construction may be initiated after November 18, 2020 and must be complete by April 30, 2021. Segment I construction may be initiated after November 1, 2021 and must be complete by April 30, 2022.

Two sealed bids were received by the Department of Environmental Resources Management on September 25, 2020. Great Lakes Dredge & Dock Company, LLC, a Chicago, Illinois company, was the lowest responsive, responsible bidder with 0% Small Business Enterprise (SBE) participation. As a federally funded project, the Contract is exempt from the Office of Equal Business Opportunity (OEBO) ordinance. Federal rules prohibit local geographical preferences in procurements funded by FEMA. Therefore, the County's SBE Program, Local Preference, Glades Local Preference, Glades Resident Incentive, and Apprentice Incentive were not included in this competitive solicitation.

The Project is funded by FEMA Contract #Z0596 (R2019-0458) as amended by Modification #Z0596-2 (R2019-1556) providing \$12,853,908, FDEP Agreements 19PB1 (R2019-1541) providing \$3,450,433 and 20PB2 (R2019-1539) providing \$714,106, and Beach Improvement funds totaling \$4,164,538. <u>District 1</u> (YBH)

Background and Justification continued on Page 3

#### Attachment:

- Location Map
- 2. Contract
- 3. Bid Tabulation Sheet
- 4. Budget Amendment

| Recommended by: | vbh Dhah Dung                  | 19 <sup>1-</sup> 15-2 <i>0</i> 120 |
|-----------------|--------------------------------|------------------------------------|
| ,               | Department Director            | Date                               |
| Approved by:    | Par                            | 11/10/20                           |
|                 | Assistant County Administrator | Date                               |

### II. FISCAL IMPACT ANALYSIS

## A. Five Year Summary of Fiscal Impact:

| Fiscal Years            |   | 2021  | 2022   | 2023                                   |              | 2024                     | 2025  |
|-------------------------|---|---|--|--|--------------|--------------------------|---|
| Capital Expe            | nditures  | <u>\$21,182,985</u>                               | -  |  | <del>-</del> |                          |   |
| Operating Co            | ests  |   |  |  | _            |                          |   |
| External Revo           | enues   | (\$17,018,447)                                    |  |  | -            |                          |   |
| Program Inco            | ome (County)  |   | ***************************************  | ************************************** | -            |                          | Time Market   |
| In-Kind Matcl           | h (County)  |   | The state of the s | •                                      | _            |                          | Marie Control of the |
| NET FISCAL              | IMPACT  | <u>\$4,164,538</u>                                | ***************************************  | •                                      | -            |                          |   |
| # ADDITION<br>POSITIONS |   |   |  | <del></del>                            |              |                          | _   |
| ls Item Includ          | ded in Current  | : Budget?   | Yes  | -                                      | No           | Χ                        |   |
| Does this iter          | m include the   | use of federal                                    | l funds?Yes _  | <u>X</u>                               | No           |                          |   |
| Budget Acco             | unt No.:  |   |  |  |              |                          |   |
|                         |   | 81 Unit <u>M02</u> 8<br>81 Unit <u>M04</u>        |  |  |              |                          | 1   |
| В.                      | Recommend   | ed Sources of                                     | f Funds/Sumn   | nary of F                              | iscal I      | mpact:                   |   |
|                         | Juno Beach<br>FEMA<br>FDEP<br>PBC   | \$12,853,908*<br>\$714,106<br>\$714,106           | 41076,FLDE   | M subgra                               | ant Z05      | 96, Z0596-2              |   |
|                         | Jupiter/Carlin<br>FDEP<br>PBC   | \$3,450,433<br><u>\$3,450,432</u><br>\$21,182,985 | 19PB1  |  |              |                          |   |
|                         |   | ement #20596<br>ntract. The \$21                  | •  |  |              |                          |   |
|                         | Note: In the event that FEMA de-obligates this funding, ERM will be responsible for identifying funding to cover the de-obligation. |   |  |  |              |                          |   |
| C.                      | Department  | Fiscal Review                                     | :(/aur   | ~ the                                  | mp           |                          |   |
| III. REVIEW COMMENTS    |   |   |  |  |              |                          |   |
| A.                      | A. OFMB Fiscal and /or Contract Dev. and Control Comments:  |   |  |  |              |                          |   |
|                         | OFMB  | tu 10/29/20                                       |  | vact Dev                               | relopm       | Jacober<br>ent and Conti | J1116 Dase  |
| В.                      | Legal Suffic  | iency:  | lor  | 11-6                                   | 6 Z          | O TW                     |   |
|                         | Assistant Co  | ounty Attorne                                     | 1//10/Z  | 020                                    |              |                          |   |
| C.                      | Other Depar   | tm <del>ent Rev</del> lew                         | :  |  |              |                          |   |
|                         |   | Director  |  |  |              |                          |   |

#### Page 3

#### **Continued from Page 1**

Background and Justification: The Project combines the historically separate Jupiter/Carlin (Segment I) and Juno Beach (Segment III) Shore Protection Projects. Segment I was previously constructed in 1995, 2002, and partially constructed in 2014, and 2019. Segment III was previously constructed in 2000 and 2010. The Project sustained significant erosion during the passage of Hurricane Irma in September 2017, which resulted in a FEMA disaster recovery grant award for Segment III and the recently completed United State Army Corps of Engineers nourishment of Segment 1 which was fully funded through the Federal Flood Control and Coastal Emergencies Program. FDEP funding provides 50% local cost share for the currently proposed renourishments that will fully fill the permitted construction templates in Segments I and III. Sand shall be dredged from an offshore sand borrow area located approximately 1.6 miles northeast of Jupiter Inlet in water between approximately 60 and 70 feet deep. The combined placements will protect the entire 4.92 miles Project shoreline against future storm damage, stabilize critical marine turtle nesting habitat, and provide recreational space to residents and tourists for many years to come.