

# ***COSTON MARINE SERVICES, INC.***

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August 28, 2019

## **Change Order 5: North & Central Cut Expansion**

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**Project No.:** 2016-28

**Project Name:** "Lake Worth Lagoon Waterway Access Maintenance Dredging"

### **Scope of Work**

#### **(Extending the Northern Residential Cut to Access 770 S. County Road Property)**

1. As per email from ATM, we would be extending the North Waterway residential cut from 760 S. County Road to 770 S. County Road. As per ATM, this will add an additional 1,300 cubic yards to the project.

As long as the dredge material is composed of sand and or cobble material, NOT ROCK SHELF, then the project can be completed in approximately 11 calendar days. The added cost for this material will be 1,300 c.y. x \$ 17.17 for Dredging and Placement plus 1,300 c.y. x \$ 2.70 for General Conditions which will total **\$ 25,831.00**.

2. As per email from ATM, we would be extending the Central Waterway cut approximately 638' to the south x 30' wide x 3' deeper. As per ATM, this will add an additional 2,127 cubic yards to the project.

As long as the dredge material is composed of sand and or cobble material, NOT ROCK SHELF, then the project can be completed in approximately 18 calendar days. The added cost for this material will be 2,127 c.y. x \$ 17.17 for Dredging and Placement plus 2,127 c.y. x \$ 2.70 for General Conditions which will total **\$ 42,263.49**.

3. Mechanically dredge approximately **3,000 cubic yards** of solid rock dredge material from the north section of the Central Waterway from Station 61+00 +/- to Station 76+00 +/- which consists of a 1.25' thick rock layer to the permitted designed depth. The channel cut will be 45'+/- wide minimum x approximately 1,400'+ long. This rate is based on added time it takes to dig through the rock layer, added time in moving, as well as added wear and tear on equipment. The total cost for this section will be **\$ 203,490.00**.

**Price & Time Add**

The total added cost based on the above will be **\$ 271,584.49**.

The total added time for this change will be approximately **123 calendar days** .

**SUBMITTED:**

**ACCEPTED:**

*Michael Bryant*

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Michael Bryant  
Coston Marine Services, Inc.

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Owner

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Date