

Change Order**Change Order Number:**

001

Contractor: Great Lakes Dredge & Dock Company, LLC.

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Date:

May 31, 2017

Dare County Beach Nourishment Project**Description:**

If 1 turtle is captured during preliminary abundance trawling, then relocation trawling shall be employed during the remainder of the dredging operation. On May 22, 2017, a loggerhead turtle was captured during preliminary abundance trawling. Therefore, relocation trawling shall be required during the remainder of the dredging operation.

The Engineer may re-engage with resource agencies on the need for continuous relocation trawling if deemed appropriate. Relocation trawling will begin no later than 24 hours in advance of any hopper dredging at the borrow site(s). As there is ample time to mobilize a second trawler for use in both Borrow Areas A and C, Great Lakes will not be eligible for standby time due to trawling.

Purpose:

To satisfy conditions of the National Marine Fisheries Service ESA – Section 7 Consultation Biological Opinion.

Contract Quantity:

Base Bid Item I.D. Sea Turtle Abundance Trawling has decreased from 5 days to 0 days.

Discretionary Bid Item VII.D. Sea Turtle Relocation Trawling estimated quantity has increased from 0 days to 180 days. The Contractor will be paid a day rate per trawler (VII.D. Sea Turtle Relocation Trawling, \$4,550 / day) for one (1) trawler per borrow area being utilized by Contractor for relocation trawling as specified in Part 00900 – Supplemental General Conditions.

Additive Bid Item V.A. Sand Fencing for Kitty Hawk was included in the contract for a cost of \$76,000.

Other quantities remain unchanged.

The bid and change order quantities are provided in the table below.

Contract Time:

No change has been made to the contract time.

Contract Cost:

The cost for Base Bid Item I.D. Sea Turtle Abundance Trawling has decreased from \$23,000.00 to \$0.00.

The cost for Discretionary Bid Item VII.D. Sea Turtle Relocation Trawling has increased from \$0.00 to \$819,000.00.

Additive Bid Item V.A. Sand Fencing for Kitty Hawk was included in the contract for a cost of \$76,000.

The total contract cost has increased \$796,000.00 from \$38,596,850.00 to \$39,392,850.00.

The bid and change order costs are provided in the table below.

CPE-NC Agreement:	Prime CONTRACTOR Agreement:	Dare County Agreement:
Agreed (Y/N):	Agreed (Y/N):	Approved (Y/N):
Signature/Title/Date:	Signature/Title/Date:	Signature/Title/Date:

Item No.	Item	Unit	Bid Quantity	CO#1 Quantity	Unit Prices	Bid Cost	CO#1 Cost
I. A.	Mobilization/Demobilization	L.S.	1	1	\$8,235,000.00	\$8,150,000.00	\$8,150,000.00
I. B.	Performance and Payment Bond	L.S.	1	1	\$300,000.00	\$300,000.00	\$300,000.00
I. C.	Compliance Surveys of Borrow Area	L.S.	1	1	\$64,000.00	\$64,000.00	\$64,000.00
I. D.	Sea Turtle Abundance Trawling	Days	5	0	\$4,600.00	\$23,000.00	\$0.00
II. A.	Hydraulic Beach Fill (Town of Duck)	C.Y.	1,180,000	1,180,000	\$8.60	\$10,148,000.00	\$10,148,000.00
II. A-1.	Optional Additional 20% Beach Fill if only Borrow Area C is used to Construct the Town of Duck	C.Y.	236,000	236,000	\$0.00	\$0.00	\$0.00
II. B.	Staging Area Beach Access Mats	L.F.	1,120	1,120	\$105.00	\$117,600.00	\$117,600.00
III. A.	Hydraulic Beach Fill (Town of Kitty Hawk)	C.Y.	1,765,000	1,765,000	\$7.65	\$13,502,250.00	\$13,502,250.00
IV. A.	Hydraulic Beach Fill (Town of Kill Devil Hills)	C.Y.	840,000	840,000	\$7.40	\$6,216,000.00	\$6,216,000.00
Additive Items							
V. A.	Sand Fencing (Kitty Hawk)	10 Ft Sections	1,900	1,900	\$40.00	\$76,000.00	\$76,000.00
Discretionary Items							
VI. A.	Mobilization/Demobilization for Beach Discharge Screening	L.S.	0	0	\$70,000.00	\$0.00	\$0.00
VI. B.	Beach Discharge Screening	Days	0	0	\$3,500.00	\$0.00	\$0.00
VI. C.	Removal of Screened Beach Discharge Material	C.Y.	0	0	\$11.55	\$0.00	\$0.00
VI. D.	Dredge Intake Screening	C.Y.	0	0	\$2.30	\$0.00	\$0.00
VI. E.	Mobilization for Removal of Oversized Material from Constructed Beach	L.S.	0	0	\$8,000.00	\$0.00	\$0.00
VI. F.	Removal of Oversized Material from Constructed Beach	Days	0	0	\$3,200.00	\$0.00	\$0.00
VII. A.	Turbidity Monitoring	Days	0	0	\$2,250.00	\$0.00	\$0.00
VII. B.	Mobilization/Demobilization for Tilling	L.S.	0	0	\$5,500.00	\$0.00	\$0.00
VII. C.	Beach Tilling	Acre	0	0	\$585.00	\$0.00	\$0.00
VII. D.	Sea Turtle Relocation Trawling	Days	0	180	\$4,550.00	\$0.00	\$819,000.00
VII. E.	Hopper Dredge Standby Rate (Per Dredge)	Days	0	0	\$210,000.00	\$0.00	\$0.00
VII. F.	Cutterhead Dredge Standby Rate (Per Dredge)	Days	0	0	\$177,500.00	\$0.00	\$0.00
VIII. A.	Sand Fencing (Kill Devil Hills)	10 Ft Sections	0	0	\$40.00	\$0.00	\$0.00
VIII. B.	Sand Fencing (Duck)	10 Ft Sections	0	0	\$40.00	\$0.00	\$0.00
Total						\$38,596,850.00	\$39,392,850.00