

## **Advertisement for Bids**

Town of Ocean Isle Beach  
111 Causeway Drive  
Ocean Isle Beach, NC 28469

A sealed Bid is requested for the construction of a shoreline protection project located on the southeast coast of North Carolina at the Town of Ocean Isle Beach within Brunswick County.

The Town of Ocean Isle Beach has obtained all permits and authorizations to construct a shoreline protection project involving the construction of a 1,050-foot-long terminal groin and the placement of beach fill (accretion fillet) along the east end of the Town's oceanfront shoreline. The beach fill portion of the project will be performed by the U.S. Army Corps of Engineers (USACE). It is the intent of the Town that all construction activity (terminal groin and accretion fillet) be performed during the environmental dredge window of November 16, 2021 through April 30, 2022.

The construction of the terminal groin component of the project consists of a 750-foot rubblemound structure extending 600 feet seaward of the baseline and a 300-ft shore anchorage section (to protect against flanking of the landward end of the structure). The 750-foot rubblemound portion of the terminal groin shall be constructed to a crest elevation of +4.9 ft. NAVD with loosely placed armor stone on top of a 1-foot-thick marine mattress foundation. The rubblemound portion of the groin will not include a "core" and will be arranged such that it will remain "leaky" and will facilitate the movement of littoral material through the structure. The 300-foot shore anchorage section will be constructed with steel sheet piles. The shore anchorage section will be constructed with a top elevation that varies from +4.9 feet NAVD to +4.5 feet NAVD. The initial 130 ft. shore anchorage section from the landward end of the rubblemound section toward the existing dune shall have a top elevation of +4.9 feet NAVD. The top elevation is reduced to +4.5 feet NAVD for the remaining 170 feet of the shore anchorage section. The top of the landward most portion of the shore anchorage section will be below ground level based on the most recent survey data.

As required by permit, an accretion fillet must be constructed along a 3,214-foot section of oceanfront shoreline immediately west of the structure. This portion of the project is not associated with this Advertisement for Bids as this work will be performed by the USACE through an MOA with the Town of Ocean Isle Beach and will be performed during the same environmental window as the terminal groin portion. The accretion fillet will be constructed with material dredged from the borrow area utilized by the USACE within Shallotte Inlet. Dredging will be performed by a hydraulic cutter-suction pipeline dredge (pipeline dredge).

Sealed bids will be received by Daisy Ivey, Town Administrator, at the Town of Ocean Isle Beach, offices at 111 Causeway Drive, Ocean Isle Beach, NC 28469 until **2:00 P.M.** (Local Time) **Thursday, September 9, 2021**, and then publicly opened and read aloud at the Town of Ocean Isle Beach Town Hall, located at 111 Causeway Drive, Ocean Isle Beach, NC 28469. Any bid received after said time will be returned unopened.

The Contract Documents may be examined at the following location(s):

1. Town of Ocean Isle Beach, 111 Causeway Drive, Ocean Isle Beach, NC 28469
2. Coastal Protection Engineering of North Carolina, Inc. (CPE), 4038 Masonboro Loop Rd. Wilmington, NC 28409

Digital copies of the Contract Documents may be obtained at the Town of Ocean Isle Beach website (<https://oceanisle.municipalcms.com/pview.aspx?id=20720&catID=0>).

**The Town of Ocean Isle Beach reserves the right to reject any and all proposals for any reason determined to be in the best interest of the Town. Likewise, the Town of Ocean Isle Beach reserves the right to negotiate scheduling of the terminal groin construction in the best interest of the Town.**

The Town of Ocean Isle Beach is an Equal Opportunity Employer and does not discriminate. Small, minority and women's businesses and labor-surplus-area firms are encouraged to submit bids.