

The Town of Holden Beach is seeking sealed bids for the following work to be performed along the beachfront. The Town asks that the bids be separated in sections of the beach as defined below:

East End	Amazing Grace (337 OBE) to 240 Ocean Boulevard East
Central Reach	240 OBE to 781 Ocean Boulevard West
Western Reach	781 OBW – West (dependent on beach conditions status)

### **Sand Fence**

Sand fence sections are to be placed every 10 feet along the entire length of the project. The sand fence section count will be at the discretion of the Town of Holden Beach but will not exceed 3,035 individual sections but could be significantly lower. Bidders will provide individual installed section cost.

The sand fence will meet the following minimum specifications:

- Installed to meet all current Federal, State, and Local ordinances.
- Fence to be 4 feet high and 10-foot-long with minimum of 4 wires.
- Fence wires will be twisted a minimum of three twists at the end of each section and bent to prevent personal injury.
- 2x4 posts shall be a minimum of 6.5 feet long and attached at each end of the fence sections.
- Posts will be attached flush with the top of the fence and the post closest to the ocean shall have a ¾ inch hole drilled through the entire assembly 6 inches from the top of the post.
- Fence shall be attached at both ends to the post with a minimum of 4 staples or nails on each end.
- Fence shall be installed so that the fence is stretched tight and not sagging between posts.
- The bidder will provide all labor and materials to assemble and install the fence sections at the toe of the frontal dune.
- The installation of the fence shall start no earlier than November 16, 2020 and shall be complete no later than March 31, 2021.

### **Plants**

Uniola Paniculata, Ammophila Breviligulata, and Panicum Amarum are to be planted the entire length of the beachfront on the top of and possibly the slope of the frontal dune. The plant count will be at the discretion of the town but will be between 500,000 and 525,000 plants. The planting percentage will be 90% Uniola Paniculata or Ammophila Breviligulata (depending on planting season) and 10% Panicum Amarum. Bidders will provide an installed per plant price.

The plants and installation will meet the following minimum specifications:

The plants will be between 20 and 24 inches tall with a minimum of 18 inches to the atypical meristem. The plants will be healthy, disease free and actively growing when installed. The plants will be container grown with a minimum soil cell dimension of 1-inch square and 3 inches deep. The plant root will fill the soil cell. The plant seed or plant material for all plants on this job will have been collected from within 50 miles of the Town of Holden Beach. The plants will be installed 10-12 inches deep with a minimum of

½ gallon of water supplied in each plant hole at the time of planting. A teaspoon of slow release (osmo-cote or equal) 18-6-12 fertilizer will be installed in each plant hole (under plant) at the time of planting. Each plant will have all soil voids removed around the plant root ball during installation. The plant survivability for both species will be a 90% survival rate for 90 days with required replacement of plants occurring within 30 days of notice. The installation of the plants will start in the winter and move into spring with installation complete by March 31, 2021.

Sealed bids must be submitted to the Town Clerk prior to 2:00 p.m. on Thursday, October 22, 2020 and will be opened at the picnic shelter located in Bridgeview Park (directly across the street from town hall) at 2:00 p.m.

Bids should include installed pricing, including all materials, labor, transportation, insurances and supervision. To qualify, all bids shall be submitted using the Bid Form furnished by the Town of Holden Beach. Only sealed bids will be accepted and should be sent to Heather Finnell, Town Clerk, 110 Rothschild Street, Holden Beach, NC 28462 prior to noon on Monday, October 19, 2020. They should be marked Sand Fence and Vegetation.