

Request for Proposals: Oyster Castles

Organization Information:
Chesapeake Bay Foundation, Inc.
3663 Marlin Bay Drive, Virginia Beach, VA 23455
Kati Grigsby

Issue Date: 5/28/26

Proposal Submittal Date: 6/28/26

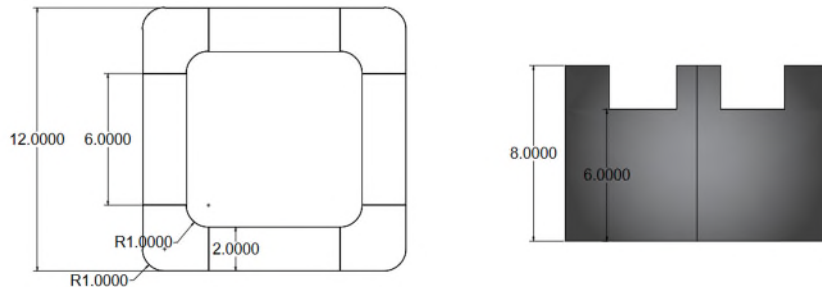
Summary of Needs: Chesapeake Bay Foundation's Urban Restoration Program requires approximately 3,072 oyster castles to be used in a living shoreline project in Hampton, Virginia.

CBF is installing a living shoreline along the banks of the Hampton River, adjacent to the Mallard Point Condominium complex at Eberly Terrace, Hampton, VA 23669. The project will use concrete oyster castles as part of its materials.

Scope of Work: Approximately 718 feet of the living shoreline will be constructed using approximately 3,072 oyster castles stacked four high and three wide.

Product Specs:

- Meet these size specs:



- Have a lifespan of 15-20 years.
 - Oyster Castles will be placed in an area with a maximum fetch of 0.3 miles.
 - Oyster Castles will be placed in brackish water with salinity levels between 8 and 18 ppt.
 - Oyster Castles must withstand being fully exposed at low tide and fully submerged at high tide.
 - Oyster Castles must endure freezing winter temperatures and scorching summer heat.
- Concrete should be a marine-safe, high-pH concrete mix that promotes oyster spat attachment.

Quality Control Reporting:

- CBF staff would like to be present during the production of the oyster castles associated with our order. They would also like to mark a few of the castles with either a sticker or a stencil to ensure that the material we receive matches the material we observe during production.
- CBF Staff will then take samples back to Froehling & Robertson for testing to ensure the product meets ASTM Standard C1372-22.
- We will require a copy of the data sheet that is submitted with the bid, which includes, but is not limited to:
 - PSI (CBF requires a minimum of 5000 PSI)

- Density
- Absorption
- Product Dimensions
- Product Avg Weight
- Material Composition

Material Delivery:

- Delivery window is July 29 through July 31, 2026
- Material needs to arrive on pallets with 72 oyster castles per pallet.
- The delivery driver must be able to unload the pallets and place them in designated areas.
 - These areas will be on grass near the shoreline.
 - CBF staff will be on site to guide the placement.

The Schedule:

We request that your proposal be delivered electronically to CBF staff members Kati Grigsby and Liz Ronston no later than 5:00 pm on June 28, 2026.

It is the intent of CBF to make a selection no later than June 30. We will notify you once a decision for award of bid is made.

Solicitation Requirements:

Please provide a cost per item for the oyster castles, the cost of shipping to the project site, and whether or not the products can be delivered per the schedule described above. Please also provide your quality control plan (that includes a product data sheet) and a copy of your warranty.

Further Information:

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