

ADDENDUM #01
BID NO. 2024-01- Bay Creek Park Pier Repairs
SCOPE OF WORK

Items in RED type have been updated or added for clarification.

A site visit is recommended. Bay Creek Park is open to the general public. If special access to the dock is required, please call 843-869-2505 option 4 or email building@townofedistobeach.com to schedule.

All questions must be submitted in writing to building@townofedistobeach.com. No questions will be accepted or answered after February 23, 2024, 2:00 p.m..

The Town of Edisto Beach, a political subdivision of the State of South Carolina, seeks bids from qualified Commercial Contractors who are interested in providing materials and labor for repairs to the Bay Creek Park Dock as designated below. Contractors must submit bids for consideration and eventual recommendation to the Town Council. Any individual plan pages referenced within this bid packet, and any addendums that may follow, may not include all details necessary; the Contractor should review and follow all pages of the plans included. If any conflicting details are noticed the Contractor should notify the Town and Engineer of Record immediately.

All lumber used should be of the appropriate "salt treated" rating. All fasteners shall be stainless steel or better, unless otherwise specified.

Prior to ordering repair materials, the Contractor shall perform an underwater inspection of the structure to determine the condition of the submerged components to the mud line. A report must be provided to the Town and the Engineer of Record summarizing the findings. Based on underwater conditions, the Engineer may recommend to the Town additional structural pile jackets or repairs beyond the base bid.

Substructure:

- Remove all marine growth from the piles and "X" bracing to perform the underwater inspection to determine the condition of the submerged components. A report must be compiled and remitted to the Town.
- Provide non-structural jackets at all locations where structural jackets are not indicated within the drawings. "X" bracing shall be attached per manufacturers instructions Jackets shall be Seashield Series 70 Protection Systems by Denso
 - Bid Option: **Delete 26 nonstructural jackets and upgrade all to be a structural jacket.**
- Provide structural jackets at the specified locations within the supplied drawings. Jackets shall be Seashield Series 400 Protection Systems by Denso.
- Remove and replace all sections of 3x8 "X" bracing. Install per plans and manufacturers instructions using new stainless steel hardware. **X bracing should be installed as close as possible to the standard practice of 45 degrees. All should be installed on the piles per the jacket manufacturer's instructions.**

- Remove and replace 4x12 pile caps at pier head. Install using new stainless steel hardware. Option: Leave pile caps in place and install 12x12 blocking at each pile cap and sister each pile cap with a 3x12 per S3.0 and 6/S4.1.
- Sister 3x12 pile cap to existing 3x12 pile cap at approach boardwalk to pier head connection. Install using new stainless steel hardware per 1/S4.1.
- Install FX 763 Epoxy by Denso to top of specified piles to fill all voids. Epoxy will be top-coated with Archco 15 Acrylic by Denso; all products to be applied by manufacturers requirements.
 - An option for 5 additional piles to be repaired should be included in this bid. Locations to be determined.

Superstructure:

- Remove all existing stringer-to-pile cap connection hardware. Replace with stainless steel H2.5 Hurricane Ties by Simpson Strong Tie installed using manufacturer approved stainless steel screws. Install new H2.5 Hurricane Ties at any missing locations.

Railing:

- Remove all railings. Save all re-usable, undamaged, stainless steel hardware.
- Install new railings using the appropriate treated lumber. New railings shall be of the same design as specified on S2.3 and removed railings. Re-use stainless steel hardware and install new stainless steel hardware where missing or damaged.
 - Bid Option: Delete angled 2x8 treated top rail. Install 2x8 solid marine grade composite top rail. Composite material will be Moisture Shield Cool Deck.
- Remove all 4x4 intermediate posts. Save all re-usable stainless steel hardware.
- Install new treated 4x4 railing post at existing locations. Connections to stringers, blocking, and railings to be made via plans using existing stainless steel hardware and install new stainless steel hardware where missing or damaged.

Decking:

- Remove all decking on board walk and pier head.
- Install new 2x6 decking on board walk and pier head. Decking shall be installed with stainless steel screws; nails are not acceptable.
 - Bid Option: Delete treated 2x6 decking. Install 2x6 solid marine grade composite decking. Decking shall be installed with stainless steel screws; nails are not acceptable. Composite material will be Moisture Shield Cool Deck.
- Remove and install new conduit and conduit support brackets, including junction boxes, outlets, outlet covers, switches, etc., containing all electrical components. If electrical conductors are in need to be replaced due to damage, age, or wear-and-tear; an electrical permit may be required by the Town. The USGS box will be exempt from this item. If for any reason the USGS box is in need of repairs or maintenance the Town should be notified immediately.
- Repair or maintenance to the plumbing system is not anticipated.

Floating Dock:

- Floating dock is approximately 10.5'x20.5'. It has two piles to hold it in place. There are two deck boxes that will need to be removed and reinstalled after repairs are made. There is one power podium and one "airbag" system in place that will need to be removed and reinstalled. Condition of the stringers and substructure is not known.
- Remove all decking, band boards, and hardware from the floating dock. Save all re-useable, undamaged cleats and hardware. There is a jet dock attached to the floating dock that should not need any repairs but will need to be unattached from the floating dock. All hardware that is salvageable should be saved and reused.
- No repairs are anticipated on the piles.
- No repairs are anticipated on the aluminum gangway.
- No repairs are anticipated to the electrical or plumbing system for the floating dock portion.
- Install new 2x6 decking and 2x12 band boards.
- Install new white bumper rails along the perimeter.
- All saved hardware should be reinstalled using stainless steel hardware. Jet dock should be reinstalled using saved hardware or new stainless steel hardware, if needed.



Floating dock at Bay Creek Park



Floating dock at Bay Creek Park



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Floating dock at Bay Creek Park

Addendum #01
BID SHEET
BID NO. 2024-01
BID TITLE: Bay Creek Park Pier Repair

Base Bid Lump Sum _____

Bid Option: Structural Jacket Upgrade _____

5 Additional **Pile Caps** to be Epoxied: _____

Bid Option: Composite Top Rail Upgrade: _____

Bid Option: Composite Decking Upgrade: _____

CONTRACTOR: _____
Authorized Representative

ADDRESS _____

PHONE _____ CELL _____

FAX _____

EMAIL _____

By signing this I, _____ certify I have performed a site visit, verified site conditions and dimensions, and am responsible for the complete work pertaining to site conditions. It is my responsibility to verify any quantities provided by the Town.

Signed

Date

Print

Addendum Sheet
BID NO. 2024-01
BID TITLE: Bay Creek Park Pier Repair

CONTRACTOR: _____
Authorized Representative

ADDRESS _____

PHONE _____ CELL _____

FAX _____

EMAIL _____

The Bidder acknowledges receipt of the following addendum by signing and dating below.

Addendum No.	Date	Signature
01		