



To: All Plan Holders of Record

From: Verdantas LLC
For the Owner

Re: Addendum No. 1
Mentor Lagoons Bulkhead Replacement Phase 6
City of Mentor

Date: April 8, 2025

This Addendum forms a part of the contract documents and modifies the original bidding documents dated March 2025 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

QUESTIONS AND ANSWERS

Q1. The sheet pile wall is identified on plan sheet 9/10 and Specification Section 354213.19 as a cantilever wall. There are several locations on the plans and specs that show detail of a W10x33 waler beam. Is the intent to install a waler that is not tied back?

A1. Previous phases of the project were based on a sheet pile dock wall that included walers, tie back rods and a deadman. A cantilever dock wall was added as an alternate option. Due to the interference of utilities and an access road, there was an issue with utilizing a deadman. The sheet pile dock wall with the deadman option was removed. The cantilever dock wall does not require a waler beam. The cantilever dock wall does not require a tie back rod.

Q2. Is the intent to install a waler that is not tied back?

A2. The cantilever dock wall does not require a waler beam.

Q3. Specification Section 354213.19 C calls for coal tar epoxy on structural steel. Is that the intent on waler and cap materials?

A3. Coal tar epoxy shall be applied on the underside of all structural steel including the cap, bolts and over the welds. The cantilever dock wall does not require a waler beam.

Q4. If alternate A is awarded will the fuel dock be operational during construction?

A4. The fuel station area will be closed during construction if alternate A is awarded.

SPECIFICATIONS

In Specification Section 354213.19 Sheet Piling (C) **Delete** the following:

- Steel waler beam(s) – bolted and welded, W10-x-33.
- Design Load for tieback = 54 kips
- Design load per linear foot of wall = 4.5 kips/ft.
- Transfer Load = 3 kips.

GMS/AL:mep

Enclosures

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SECTION 354213.19 - SPECIFICATIONS FOR THE PURCHASE AND INSTALLATION OF SHEET PILING

A. GENERAL REQUIREMENTS

1. Intent: The intent of these specifications is to set forth all conditions under which work on the project described herein shall be conducted. The City will be letting continuous projects during each successive year during the fall in order to complete all seawall repairs throughout the Marina over the next several years. The successful bidder shall furnish materials, equipment and labor to install approximately 526 +/- feet of steel sheet piling, cap, whaler to be installed just water-ward of existing concrete bulkhead, a 10 ft. - 90 degree turn back into landward side at end of completed project wall run ; 8' wide by 6" fiber & wire-mesh concrete sidewalk with winter protection; granular backfill, embankment; rock hounding, seeding and mulching of disturbed areas. The price shall include disposal and cleanup of materials in conflict. 10" galvanized gray iron dock cleats installed every 10FT in the alternate location. The cost per lineal foot of wall shall be all inclusive of the work and materials constructed in accordance with plan intent. The City reserves the right to add additional wall repair at the per linear foot unit price stipulated by the contract.
2. Prices must include all bonds, insurances, mobilization, labor, materials, tools, equipment and transportation necessary for the proper execution of the work and all provisions necessary to protect workmen, the general public, and property in the area of work.
3. Delivery: Price bid must include all charges, including handling and delivery. Please indicate on the Bid Form, BF.11, the delivery time from receipt of City of Mentor purchase order (FOB Mentor, Ohio).
4. Brand or Trade Name: Brand names, where mentioned in these specifications, are not intended to be restrictive, but rather to indicate the level of quality required by the City. In any instance where a brand name is mentioned, it is assumed that the phrase "or equal" shall follow.
5. Prevailing Wages: The Contractor agrees that each individual employed by the Contractor or any subcontractor and engaged in work on the project under this contract shall be paid by prevailing wage established by the Ohio Department Commerce Division of Industrial Compliance as detailed in Section 8 titled "Prevailing Wage Rates."
6. Bulkhead, Sidewalk and rough grading Completion Date must be July 30, 2025. Final grading, topsoil, seeding and mulching Completion Date must be September 15, 2025 (or a date agreeable with the City after dock holders have constructed their sites). Liquidated Damages are \$1,000.00 per day that dock space is unusable by lease holder/City.
7. The dock lease holder/City will remove the existing decking and appurtenances prior to construction. The Contractor shall notify City if dock holder materials are in conflict of proposed work.
8. The City has on-site for inspection and use some surplus material that can be used to fill sites as required for grading purposes. Fill behind the bulkhead and under pavement shall

be number 1's & 2's (recycled accepted) capped with ODOT 304. The remaining grass areas may be brought to grade with this stockpiled material. The Contractor shall be responsible under the unit price to supply all import required to put site to finish grade including topsoil.

9. There exist concrete retaining walls along project that have been supported with timber piles used for dock holder decks. These piles may be left in place or removed at contractor's discretion. Any removed material shall be disposed offsite. Any existing walls that may have already or do topple into water shall be removed and discarded offsite. All costs to complete this work shall be included in the total cost for the project completed.
10. Clearing & Grubbing shall be included in the cost for the bulkhead wall.
11. The wall shall be turned back at the end with factory furnished corner or fabricated watertight corner. Type B riprap shall be placed as directed to shore up wall end and prevent erosion. All costs to complete this work shall be included in the total cost for the project completed.

B. MINIMUM REQUIREMENTS

These specifications detail the minimum requirements acceptable to the City of Mentor. Should the manufacturer's current specifications exceed these, they shall be considered minimum and shall be furnished, and equipment and components included in the bid shall be stipulated.

C. SPECIFICATIONS

- Sheet piling shall be cold formed A572 Grade 50 steel sheet pile.
 - Continuous cantilever sheet piling wall shall be SKZ-20 or equivalent.
 - Thickness: 0.315"
 - Moment of Inertia: 253.51 in⁴/lf.
 - Weight: 20.31 psf.
 - Length: 30.0 feet, minimum.
 - Nominal Width: 28.5 inches per sheet
- ~~Steel water beam(s) bolted and welded, W10 x 33.~~
- Location of splices is at the contractor's discretion. The plan intends to follow the existing marina bulkhead alignment. Means and methods shall be left up to the Contractor.
- Clean granular backfill placed and tamped and sheet piling capped in preparation for 8' wide (eight feet wide, six inches thick) concrete sidewalk to be poured over the top of the sheet piling. Include winter protection.
- ~~Design Load for tieback = 54 kips~~
- ~~Design load per linear foot of wall = 4.5 kips/ft.~~
- ~~Transfer Load = 3 kips.~~

- Anchor hardware shall be coated with the manufacturers' recommended corrosion inhibitor prior to installation.
- Structural Steel Corrosion Protection – structural steel members shall be protected from corrosion with a coal tar epoxy coating system, unless other corrosion systems are provided. After wall system is assembled and welding is completed, remove welding slag and splatter. Prime steel with a coal tar epoxy coating system. All exposed steel shall be coated. Coating shall extend, at least, 24" above the top of slab.
 - Sheet piling does not require corrosion protection. At a minimum, ASTM A36, A572 A992, and welds need corrosion protection.
 - Steel surfaces must be dry, free from oil, grease and dirt.
 - Coating shall be a two-component, high-build polyamide epoxy coal tar coating.
 - Recommended manufacturers: Sherwin-Williams, Benjamin Moore & Co, Rust-Oleum, or equal.
 - Primer shall be supplied by the same manufacturer as the epoxy.
- ODOT ITEM 608 Concrete Walk, 8' wide x 6" depth, fiber-mesh, broom finish, curing compound and joint spacing to match existing walk. Contractor shall provide concrete testing for air, slump and compressive strength per Section 013319.
- Dock cleats shall conform to the following:
 - Liberty Garden Open Base Dock Cleat or equivalent.
 - 10" Galvanized.
 - Hex head shall be drilled out for installation.
 - Hot-dipped galvanized anchor bolts, minimum 4"
 - HIT-RE 500 V4 Epoxy anchor
- 10" Galvanized Cleats shall be installed every 10' in the Alternate wall location.
- Provide 3 inches of topsoil for disturbed areas prior to seeding and mulching. The cost to do so shall be included in the per cost for lf of wall. Existing topsoil may be stripped and stockpiled and included as a part of the 3 inches. All restored areas shall be rock hounded prior to seeding and mulching. The Contractor shall finish grade areas to allow dock members to construct sites, at a time established by the Marina, the Contractor shall fine grade around site, seed and mulch for final.
- Provide transition grading, 1's & '2 stone capped # 57's, and temporary fence per plan.
- Marina Phone number 440-205-3625.

END OF SECTION 354213.19