

DOCUMENT 00910
ADDENDUM NO. 3

DATE: August 22, 2024

CONTRACT: Construction of Duxbury Beach Seawall - Phase II, Contract 2024-II

OWNER: Town of Duxbury, Duxbury, MA

ENGINEER: PGB Engineering, LLC, Marshfield, MA

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents first issued July 31, 2024, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of 6 pages.

I. DUXBURY BEACH RESERVATION PROPERTY

1. See the attached Duxbury Beach Reservation Bid Specifications which become a part of this Contract.
 - a. Please note that the stone stockpile area has been shifted north within the same gravel lot – See attached Addendum 3 – Figure A2.
 - b. Note 2: The Town will be responsible for securing use of the lot after April 1, 2025. Bidders shall assume that the lot will be available for the duration of the project.
 - c. Note 5: The Town will secure all permits/permissions for use of the temporary 25’ access pathway, if required.
 - d. Dune restoration, gravel/crushed stone aprons, planting of American Beach Grass and silt fence at limit of work are included for payment under Bid Items 7, 9, 12 and 13, respectively.
 - e. Bidders shall include any work outlined in this document, that is not included for payment in other Bid Items, in its price for Item 1 – Mobilization / Demobilization (i.e. Note 16 – back blading lot, Note 17 – maintaining culverts, Note 29 – fencing and anything else that is not specifically included for payment in other Bid Items).

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Specifications

1. The specified property for staging (defined below) shall be the portion of Duxbury Beach Reservation (DBR) property known as the Northern Lot at the northerly end of DBR's property (the "Lot").
2. Staging for the Construction project will commence on September 16, 2024 and terminate on April 1, 2025. If the Contractor requires use of the staging area after April 1, 2025, Duxbury Beach Reservation (DBR) may extend the use of the staging area if permits (amended and otherwise) comply with all rules and regulations regarding protected species and wildlife on DBR property. No work on DBR property will take place on any Saturday, Sunday or holiday.
3. The use of the Lot shall be for the staging and storage of construction equipment, materials, and supplies; construction and assembly of framing and forms, for transport to site locations, for concrete poured sections; and storage of delivered debris, all to be used by or for the construction of a seawall located in Duxbury abutting DBR's northern property line. The temporary use right shall include parking of personal vehicles for workers on the project during project working hours as well.
4. The rights granted herein include a temporary easement to pass and repass by foot and motor vehicles, and with heavy equipment, on and over the paved roadway of DBR from the Lot entrance, north to the end of DBR's property at Gurnet Road, Duxbury, and likewise for passage south on the paved roadway of DBR from the north end of DBR's property at Gurnet Road to the entry onto the Lot. The Contractor shall make such entry and exit to the Lot with as little damage to DBR's property as possible.
5. The portion of the Lot available for the Contractor's use for the Town of Duxbury Seawall Construction project shall be limited to the graded portion of the Lot which is shown in Figure 1A within the black hash lines (the "Area"). The Contractor shall install and maintain a Limit of Work around the Area. Any damage to the existing sand fencing along the eastern portion of the Area must be repaired by the Contractor. The Area does not include, and the Contractor shall have no right to use, any slope, pathway, or vegetation in said Lot, and the Contractors shall avoid all such areas. An exception may be grant for a temporary 25' access pathway for machinery over the dune in a DBR-specified location (as approximately depicted in Figure 1A). This exception will be permitted when all necessary permit amendments and permissions to use and travel over dune areas have been filed and granted by local and state regulatory agencies.
6. The Contractor shall maintain copies of all permits on site in the Lot throughout the duration of project construction.

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“Lot” Usage and Maintenance

7. The Contractor shall visit the site prior to developing its bid to familiarize itself with the existing conditions and site constraints.
8. The Contractor shall install and maintain a gravel apron along the edge of Gurnet Road where it joins the DBR Lot as shown on the plans in Figure A1.
9. The Contractor is solely responsible for control of safety at the project site, including for its employees and the general public, and for the means and methods of construction.
10. The Contractor shall be responsible for clearly delineating and maintaining the staging and beach access areas with temporary barricades as approved by Duxbury Beach Reservation to prevent people from entering trespassers from entering the Lot. The gate entrance to the Lot shall be secured at all times when the entrance is not in active use by the Contractor. If the Contractor should use a lock for such purpose, the Contractor will provide a key or combination to DBR for such lock.
11. The Contractor is solely responsible for security of its equipment and materials. Duxbury Beach Reservation accepts no liability or responsibility for loss or damage of the Contractor’s, Contractor’s employees or any sub-contractor’s equipment or stored materials.
12. There shall be no refueling of any equipment within the DBR coastal beach resource area. The Contractor shall inspect each vehicle daily for leaks. Any leaking equipment shall be immediately removed from the Lot and shall not return to service until repaired. Each vehicle shall contain an emergency spill kit.
13. All truck and equipment deliveries to DBR’s Lot and beach access area shall be from Route 139, to Canal Street in Marshfield, and Gurnet Road in Marshfield/Duxbury, MA. **No truck or equipment deliveries will be permitted over the Powder Point Bridge, which has load restrictions.**
14. During periods of forecasted high water levels, all heavy equipment shall be removed from the Lot and either stored in pre-determined areas of DBR or off of DBR property.
15. If the Contractor provides temporary sanitary facilities for workers in the Lot, all said facilities must be secured to ensure facilities remain upright. All sanitary facilities must be removed from the Lot if forecasts of strong winds or heavy/long duration rainfall occurred.
16. During and following construction, the culverts (3) under Gurnet Rd. adjacent to the Lot shall be maintained free of debris and sediment to ensure proper water flow.
17. The Lot shall be back bladed and smoothed upon completion of the project to ensure an even grade.

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Dune Restoration Requirements

19. Area denoted on Figure 1A as “Area Previously Used for Machine Access” will be restored to grades to match the natural adjacent dune to the south. This will require sand source import to be within the grain size envelope with matching existing site sand material. Duxbury Beach Reservation will provide the grain size envelope. Grade will be restored to match the natural adjacent dune to the north as shown on the plans in Figure 1A. Approximately 12” in height within an 75’ x 15’ area. The Contractor shall furnish and install Cape American Beach Grass in all disturbed areas of the dune access path. Planting shall be 2-3 culms per hole set 36 inches on center. No cedar trees or woody vegetation is to be harmed in restoration process. Any unintentional vegetation disturbance is to be reported and replaced with like vegetation.

20. After construction is complete, if the dune has been utilized as an access pathway to the construction site, the Contractor shall clean and restore the beach access point to pre-construction conditions. Restoration of the DBR property shall include sand import to restore grades to match the natural adjacent dune to the north as shown on the plans in Figure 1A. The contractor shall furnish and install new fence posts along a line 5 ft seaward of the dune crest, along the landward toe of the dune/edge of parking lot, and along both sides of the restored beach access path. The contractor shall furnish and install sand fencing as existed prior to construction. The methodology for connecting the sand fence to the posts shall be confirmed with DBR prior to the start of work. The orientation of the beach access path should follow a northwest to southeast pathway with the seaward portion of the path facing to the southeast. The layout for the restored path should be confirmed prior to restoration.

21. The Contractor shall furnish and install Cape American Beach Grass in all disturbed areas of the dune access path. Planting shall be 2-3 culms per hole set 36 inches on center. The Contractor shall replace, furnish and plant cedar trees disturbed in the dune access path. Trees shall be replanted using 1-2 inch DBH trees, bagged in burlap. The Contractor shall confirm the number of cedar trees to be replanted prior to construction of the dune access path.

Figure A2. Stockpile area at DBR Duxbury Beach Park Overflow Lot (aka Blakeman’s Overflow Lot).

22. The specified property for stockpiling boulders shall be the portion of Duxbury Beach Reservation (DBR) property known as the Duxbury Beach Park Overflow Lot (the “Overflow Lot”). Located across Gurnet Road from the Duxbury Beach Park paved lot as shown in Figure A2.

23. Access to the Overflow Lot will be provided at the northern end of the Overflow Lot immediately south of the most northern raised crosswalk (see Attachment A2). Duxbury Beach Reservation employees will indicate where existing post and cable fencing will be removed to gain access. Upon completion of the project, the Contractor will be responsible for re-installing the removed post and erect the cable back in place.

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24. The contractor shall install and maintain a gravel apron along the edge of Gurnet Rd where it joins the DBR Overflow Lot as shown on the plans in Figure A2.

25. The Contractor shall install and maintain a Limit of Work around the perimeter of the DBR Overflow Lot as shown on the Plans in Figure A2. Duxbury Beach Reservation will indicate during a site walk through the boundaries of the Limit of Work area.

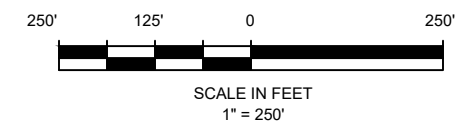
26. The material deposited in the Overflow Lot will not be piled more than 10' in height and at least 25' setback from the delineated wetland to the west of the Overflow Lot.

27. No staging of equipment, materials, vehicles or sanitary facilities is permitted in the Overflow Lot.



NOTES:

1. BASE MAP IS MassGIS 2023 ORTHOPHOTOS.
2. EXACT LOCATION OF REVETMENT STONE STOCKPILE AREA WILL BE STAKED OUT.
3. CONTRACTOR SHALL MAINTAIN THE TRANSITION FROM GURNET ROAD PAVEMENT INTO THE STONE STOCKPILE AREA WITH CRUSHED STONE TO PROTECT THE EDGE OF THE PAVEMENT FROM DAMAGE.



LATEST REVISION 8/22/24

DEPARTMENT OF PUBLIC WORKS
DUXBURY, MASSACHUSETTS

**DUXBURY SEAWALLS
STONE LOCATION PLAN**

DATE: 8/21/24

SCALE: 1" = 40'

PGB ENGINEERING, LLC
MARSHFIELD, MASSACHUSETTS