



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

September 26, 2018

ADDENDUM # 1

Bid # 7596697

Title: QUONOHONTAUG MARSH AND EELGRASS RESTORATION

Bid Closing Date & Time: 10/08/2018 at 10:00 AM (EST)

Notice to Vendors:

1. Answers to questions and clarifications
See attached

**Kathy Missell
Chief Buyer**

Interested parties should monitor this website, on a regular basis, for any additional information that may be posted.



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

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September 24, 2018
ADDENDUM NUMBER ONE
RFP #7596697

TITLE: Quonochontaug Marsh and Eelgrass Restoration

Closing Date and Time: 10/5/18 at 10AM

Per the issuance of this ADDENDUM #1 the following is noted:

This addendum answers questions sent in on line and posts additional notes and clarifications.

Notes/Clarifications:

1. The closing date and time of this bid solicitation cannot be extended due to funding and permit time-of-year restrictions and project schedule.
2. The boat ramp is active and needs to remain open for the duration of the project.
3. In addition to general public access for hunting, fishing and recreation, the north end of the parking lot to the east of the boat ramp will be utilized approximately once a week for less than 3 hours by aquaculturists for the offloading of product and equipment onto trucks.
4. Vendor will need to supply their own sanitary facilities.
5. We have a contract with Save The Bay to complete the re-planting of the site after the spreading and grading phases are complete.
6. Bidders must furnish, with their bid proposals, either a bid bond from a surety licensed to conduct business in the State of Rhode Island or a certified check payable to the State of Rhode Island in the amount of five (5%) percent of the bid proposal. An attorney-in-fact who executes a bond on behalf of the surety must provide a certified current copy of the power of attorney. A successful bidder who fails to submit the additional documentation required by the tentative letter of award and/or fails to commence and pursue the work in accordance with the contract awarded pursuant to this solicitation may forfeit, at the discretion of the State Purchasing Agent, the full amount of the bid surety as liquidated damages. The State will retain the bid surety of all bidders until the earliest of: (i) the issuance of the Purchase Order; (ii) the 61st day following the bid proposal submission deadline; or (iii) the rejection of all bid proposals. The State does not have any specific bid forms.
7. There are no time-of-day restrictions on work hours. Crews may work 24 hours, 7 days / week.
8. The site is officially available for access on November 15th. It is possible that limited access may be granted prior to November 15th for the drop-off of trailers, etc. but this would need to be negotiated with RIDEM.



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9. Bathymetric survey elevations were based on a datum of Mean Lower Low Water and done to USACE standards. Marsh elevations are based on vertical datum NAVD88.

Questions received on line:

1) Section I – Background: It is unclear from the bid documents whether the objective of the project is the amount of material placed on the marsh or the depth dredged.

- a) Please clarify the driving factor and overall project objective.

The project is primarily a marsh restoration project. The overall project objective is to increase marsh surface elevations to the specified target and grade the marsh to drain at low tide such that vegetation can be reestablished. The dredging is primarily for sourcing material. The preferred dredge areas were established to improve recreational boater access and increase water circulation and potential eelgrass habitat. These are secondary objectives to the marsh restoration.

- b) If excess dredge material is encountered, where will it be placed?

If, after the initial contractor surveys, it is determined that there will be an excess of material once marsh design is completed we will address this by narrowing the channel width to maintain the contracted volume of material needed for the marsh.

- c) Is there a minimum cut depth required by the dredging?

The minimum channel cut depth is -6 ft MLW. In the eelgrass restoration areas minimum depth is -4 ft MLW.

2) Section II - Bidding instructions

- a) Paragraph 2: Related to Main Channel Dredging and Marsh Placement: The Measurement & Payment Section conflicts with this volume and says 35,100 CY and the Bidding Instructions say 43,900 CY. Please clarify.



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Estimated volume is 43,900. Volume stated under Measurement and Payment section is an error.

b) Paragraph 3: It is unclear where this excavation is taking place. Please clarify

Drainage channels are shown on project plans.

3) Section III - Project Specifications

a) Page 3, Paragraph 4: If elevation measurements are to be taken after 14 days, how will the contractor know to what elevation the material should be placed to account for consolidation/compaction?

Given design elevations factor in estimated consolidation. Measurements after 14 days are intended to identify areas of differential settlement that will need to be adjusted as part of final grading to ensure proper drainage of marsh.

b) Page 4, Paragraph 6: The Construction Plans use 2014 aerial photos. The 2017 aerial photos are quite different in some places.

i) Were volumes/areas developed using the most recent aerial photos?

Aerial photos are provided on plans for reference only. Volumes and areas were developed using survey and bathymetry data.

ii) Are there provisions for when/if the survey completed by the Contractor conflicts with the existing conditions survey completed by the design engineer?

Given the dynamic nature of the back barrier system, differences in the two surveys are anticipated. It is anticipated that the total dredge volume will not differ significantly.

c) Page 4, Paragraph 7: Contractor is responsible furnishing and installing these coir logs. Please confirm they are to be left in place.

Coir logs are to be left in place. Owner will be providing coir logs.



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d) Page 5, Paragraph L: The volume of material pumped onto marsh does not equal volume placed. Please clarify.

Do not understand question, this paragraph addresses weekly meetings and production estimates.

e) Page 7, Paragraph 7: Please identify on the Construction Plans where the monitoring equipment to be protected is located.

There will be no deployed equipment to protect at the time of construction. Owner is delaying deployment of monitoring equipment until completion of project.

f) Page 8, Paragraph 16: States “no material shall be spread onto snow or ice.” Can material be spread on frozen ground?

Yes, material can be spread onto frozen marsh surface so long as it is substantially clear of snow or ice.

g) Page 8 – Paragraph 15 AND Section IV - Measurement & Payment Item 2: Please confirm that the 25% tolerance (margin of error) indicates the vertical tolerance of the 2cm placement accuracy (0.5 cm).

The overall placement area must be surveyed on a 10m grid with a survey accuracy of 2cm. A total of 75% of the project area shall meet specified elevations.

4) Section IV - Measurement & Payment

a) Item 10: A quantity of LF is not provided. Please provide an estimated quantity.

Approximately 150 LF of biodegradable toe protection to be installed.

b) Item 10: Is it anticipated that the contractor will install these coir logs at the edges of the marsh where they may be submerged in water?



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Yes, logs will be placed at approximately MHW as marsh edge protection / containment where they will be submerged at high tide.

5) No utilities are noted.

a) Have dredged areas been cleared/confirmed to have no utilities?

There has been no work to clear or check the area for utilities.

b) Are there known utilities in the work area?

No.

6) No obstructions are noted.

a) Have dredged areas been cleared/confirmed not to have obstructions?

No.

b) Are there known obstructions (debris) in the work area?

None known.

7) Appendix B - Grain Analysis and Location: Please provide the sample boring logs, location and depth of borings.

All available sediment sample information has been provided.

8) Appendix D – Water Quality Permit: RIDEM Maintenance Dredging Permit

a) Condition No. 7 refers to Contingency Unit 5 – please identify on the Construction Plans where this is located.

Contingency Unit 5 was removed from project design subsequent to receipt of permits.



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b) Condition Nos. 8 & 9: The tide board is not included in the specifications. Please clarify who is responsible for furnishing and installing the tideboard. If the tideboard is to be furnished and installed by the contractor, please provide specifications.

The contractor shall furnish and install a typical wooden tide board.

c) Condition Nos. 10 & 11: Please clarify who is responsible for complying with these conditions. Note that the specification does not require a third party surveyor.

The contractor shall perform the post-dredge survey as outlined in the Scope of Work Narrative. A third party survey shall not be required by the contractor.

d) Condition No. 12: Please clarify how odor control will be implemented if required by DEM. Note that the specification does not include a provision for this.

RIDEM Water Quality Certification states that odor control may be required using lime or other provisions. Odor problems have not been encountered on recent similar projects and none are expected here.

9) Contract Plans

a) Please confirm that all access agreements are in place for any work taking place on private property.

No work will take place on private property. The project area is within publicly owned lands.

b) Drawing GI-001: Site Restoration Note – Permits say the State will be responsible for documenting existing conditions. Please confirm.

Correct. The state will photograph the site prior to mobilization.

c) Drawing GI-002: The callout note stating “Wetland Restoration Area (AREA=2.4 AC, Volume = ~8,800 CY)” is not in the specification. Please clarify how this is to be used.



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d) Drawing CS-101: Will contractor need to set new bench marks since the current ones will be covered during construction?

No

e) Drawing CS-104: Boulder Dune Breach Stabilization detail: Is CORE supposed to be COIR? Not addressed in specifications.

No, note refers to on-site boulders to be used for stabilization of the dune core. Boulders are currently located immediately southwest of placement area and range in size from approximately three (3) to five (5) feet in diameter. It is anticipated approximately fifteen (15) boulders will be placed along the specified boulder dune breach stabilization areas (as shown on plans).

f) Drawing CS-104: Is the toe protection intended to be placed in water?

Coir log toe protection is to be placed in the intertidal zone at MHW to stabilize placed material.

g) Drawing CS-105 Profile: When the vertical walls slough, how will this be measured for M&P?

Please see previous responses regarding project objectives.

h) Drawing CS-107 Plan view: Where is Restoration Unit 4?

Please ignore reference to Restoration Unit 4. This Unit was removed from final project design.

i) Drawing CD-501: Cross section for west salt marsh restoration units: Please locate the salt marsh bank.

Salt marsh bank is seaward edge of salt marsh adjacent to existing creek or open water, or where salt marsh transitions to upland elevation.



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j) Drawing CD-501: Please clarify the use of the berm, noting that it may cause the water to be trapped in the marsh.

No berms shall be created. Marsh shall be graded to drain to open water or existing or installed creeks.

k) Drawing CD-501: Typical Drainage Detail: Is it ok to cut into existing marsh at any point if the minimum depth is 1'?

As required, yes.

l) Drainage within the salt marsh is paid by the linear foot up to 3,000 LF. Please detail the depth as the total volume of material will need to be calculated.

Please see typical cross section provided on project plans.

End of Questions