

**CITY OF WARRENTON**  
**HAMMOND BOAT BASIN MARINA MAINTENANCE DREDGING PROJECT**

**BIDDER QUESTION & ANSWERS**

1. Does the Mobilization bid item include demobilization? Why is mobilization not a unit price, so if two seasons are needed, it will be paid twice.

Yes. The bid form has been revised to include Mobilization as a unit price, once per year. Mobilization includes demobilization, as it defined in Section 01 01 09 1.04.

2. Can progress surveys include only the areas dredged in that work period?

Yes. The entire dredge prism does not need to be surveyed as part of the progress survey work.

3. Insurance section 7.18.6 calls for an "all risk" or "builders risk" insurance policy. Given this project is a maintenance dredging project and we are not constructing a building or structure, this insurance should not be applicable, therefore should be deleted.

Section 7.18.6 has been removed, the builders risk insurance policy requirement is not required.

4. Spec section 35 01 40 Section 1.01 D clearly states debris removal, handling and disposal is incidental to the dredging and costs will be borne by Contractor. Furthermore there is no volume or weight estimated in tonnage for debris. Given experience dredging in Marinas and boat basins, significant amounts of debris can build up over time which causes significant down time (cutter, suction and pump cleans). With this, when did the last dredging event occur in the Boat Basin?

The prior dredge event occurred in 2007/2008.

Spec section 35 01 40. All work is assumed to have been previously dredged to the prism (length, width and depths) called out on the plans and there is no "new work" dredging on the project. Please verify

Correct. The project includes maintenance dredging only. No new dredging will occur.

5. Spec section 35 01 40 Section 1.02 C, definition of debris. 24" x 24" monolith of concrete or rip rap more in the realm of obstruction vs. debris. Manhandle able materials encountered in the pump/cutter head the standard in industry. Large monoliths encountered as such are removed on a Time and Materials basis. This is a condition that would be considered changed. Please amend?

Large debris encountered that are unusual items for a marina will be considered for a force account on a item-by-item basis.

6. Spec section GC-6 Section 6.9 Guarantee Period, “one year warranty”. Upon completion of final bathymetric surveys that verify dredging is complete to the specified lines and grades, the project is done. Warranties do not apply given conditions outside of the Contractor's reasonable control can occur rapidly without notice and alter the dredged areas, IE: storms, floods, freshets, tsunamis, etc. Please amend?

This section has been revised to indicate that warranties do not apply to change in depth due to sedimentation.

7. Are slide slopes of 4H:1V required, or is that the estimated natural angle of repose?

Section 35 01 40 3.02.M – Side Slope Dredging indicates the following: “Dredging of side slopes around pile supported structures (access pier, boat lift, boat ramp) shall be conducted from the top of slope in a top down manner”. To clarify, this should include all sideslopes adjacent to, or in the vicinity of existing structures. Shoreside extents of the dredge prism may be re-evaluated by the Engineer after completion of the pre-construction survey.

8. Will a percent increase be added to out-of-state bidders (page CD-7, Section 16)

No. This section has been revised. There will be no increased added to out-of state bidders.

9. Are there any other utilities located on site?

There is a water utility line that runs parallel to the D-dock access float. All docks have water lines on them. The contractor would need to coordinate a utility locate prior to start of construction.

10. Where is the city property line on the breakwater?

By the time of dredging the City will own the entire breakwater

11. Section 35 01 40, paragraph 1.02.F states, “Overdredge allowance will be paid at the same rate as Dredging & Disposal, per the bid items.” Paragraph 1.02.H states, “Pay volume will not include material removed from within the 1-foot overdredge allowance.” Paragraph 4.03.B states, “No separate payment for over-dredging to achieve design depths shown on the Plans is included under this contract.” These sections seem to contradict one another and make it unclear how the contractor is to be paid for material in the 1-foot allowable overdredge zone. Please clarify?

Overdredge will be paid, and will be paid at the same rate as Dredging and Disposal.

12. Will an existing pre-condition structure survey be required with an owner representative for the floating main docks and floats prior to dredging?

This will be coordinated with the City, and may be part of the pre-construction meeting.

13. Does turbidity need to be measured both in the marina and at the disposal site?

Turbidity values need to be measured 100 feet downcurrent of the disturbance, both in the marina and at the disposal site.

14. Do the turbidity values need to be reported directly to the state?

Yes.

15. Please clarify Section 34 01 40 - 3.04 A – WATER QUALITY MONITORING.  
“Contractor’s responsibility to adjust means and methods to maintain compliance with water quality criteria”.

It is the contractors responsibility to adjust the rate, location, etc.. of dredge disposal within the allowable permit conditions.

16. Please clarify the following Water Quality Requirements during dredging discharge:

- a. The compliance distance upstream and downstream of point of dredging in the Marina
- b. The compliance distance (or Mixing Zone) upstream and downstream of point of discharge at in-water disposal area.
- c. Is the compliance distance from the end of the discharge down pipe or is the compliance distance taken from the furthest downstream edge of the disposal site?
- d. Please clarify the allowable limits of NTU’s above background?

The compliance distance from disturbance and NTU limits are identified in the 401 certification attached to the bid documents. The distance is from the end of the discharge pipe or other disturbance.