

# Question & Answer #3



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## PIER 4 PHASE 1 REMOVAL ACTION PROJECT NO. 091452 | CONTRACT NO. 069982

### 1. BIDDER QUESTION

I just want to verify some information in the plan specs for this project. In the water treatment specs it calls for Electrocoagulation(EC) as well as mixed media and carbon filtration (pg. 448-451). Our company focuses on chitosan enhanced sand filtration (CESF) treatment. While we have experience building and operating EC systems, we usually find that CESF is ultimately a better (gallons/\$) tool for most jobs. I just want to know if the specs are mandate, or if there are opportunities for value engineering alternatives.

#### RESPONSE TO BIDDER QUESTION

See Addendum No. 02.

### 2. BIDDER QUESTION

Bid Item #10 Additional Dredging is paid by the day and Bid Item #11 Standby is paid by the day. However, the description for Bid Item #10 on specification section 01 20 00 page 5 calls for "transport, transloading, water treatment and disposal ... under the TRANSLOAD OPERATION bid item (measured by cy). It is not clear how this work could be quantified as part of the Bid Item #7 Transload Operation, since Additional Dredging and Standby are on an undefined quantity of work, can a separate "allowance" bid item be made to handle the transport, transloading, water treatment, and disposal of the undefined "Additional Dredging" work as measured per ton based on scale tickets from the disposal facility? Please clarify.

#### RESPONSE TO BIDDER QUESTION

The Port recognizes that the amount of additional dredging that may be required is unknown. What is known is that if additional dredging is required the depth of that dredging would be limited to 2 feet and this could be a significant difference in production rate and cost for the Contractor versus the original contract dredging. Therefore, compensation for additional dredging will be based on the per day cost to complete this item of work.

Once the additional dredge material is in the barge, the unit cost to transload the material is the same as the original contract work for this item, and in accordance to Section 00 72 00 – General Conditions paragraph 8.05. The additional material will be calculated based on the before and after hydrographic surveys and that quantity will be added to Bid Item #7 for compensation.

### 3. BIDDER QUESTION

Drawing C2.2 includes a note at the available dock portion of the drawing – "Contractor installed temporary mooring piles (if needed)". Is the installation and removal of these piles permitted by the Corps of Engineers and any other agency?

#### RESPONSE TO BIDDER QUESTION

As this project is an EPA Time Critical Removal Action in-water permits are not required. During the course of design all of the agencies with in-water jurisdiction, including the Corps of Engineers, were consulted with regard to all aspects of the project including the potential to install temporary mooring piles at APMT. No additional permits are required, although the Contractor is bound to the number of piles and timing constraints noted in the specifications.

#### 4. BIDDER QUESTION

The elevation indicated on the drawing and in the notes for the clean material is -2 ft. When looking at the cross section the elevation for the clean material indicates it goes to an elevation of -10 ft. Could the Port of Tacoma provide clarification regarding the elevation of clean material for Dredge Section B on drawing C1.2?

#### RESPONSE TO BIDDER QUESTION

Section B on Drawing C1.2 is drawn incorrectly and should have been shown as indicated on Sections C – F on Drawings C1.3 and C1.4. The elevation (-2) is correct. Refer to Addendum No. 2.

#### 5. BIDDER QUESTION

Specification section 00 73 16 section 1.04 will the Port of Tacoma purchase a Builders Risk Insurance policy for this contract extending to the Contractor and its subcontractors?

#### RESPONSE TO BIDDER QUESTION

Yes (as further described in the response to question 6.)

#### 6. BIDDER QUESTION

Specification section 00 73 16 section 1.04 B, (highlighted in yellow below) –

- a. Will an installation floater be required covering materials or may Contractor elect to self-insure?
- b. Will an installation floater be required covering Contractor's owned equipment and tools be required or may Contractor elect to self-insure its owned equipment and tools?

##### 1.04 BUILDER'S RISK INSURANCE

- A. Until Final Completion of the Work, the construction Work is at the risk of the Contractor and no partial payment shall constitute acceptance of the Work or relieve the Contractor of responsibility of completing the Work under the Contract.
- B. Whenever the estimated cost of the Work is less than \$25,000,000, the Port will purchase and maintain, in a company or companies lawfully authorized and admitted to do business in Washington, property insurance written on a builder's risk "all-risk" including Earthquake and Flood or equivalent policy form to cover the course of construction in the amount of the full insurable value thereof. This property insurance shall be maintained, unless otherwise provided in the Contract Documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until final payment has been made or until no person or entity other than the Port has an insurable interest in the property, whichever is later. This insurance shall include interests of the Port, the Contractor, and Subcontractors of any tier on the Project. There may be some differences between this Section and the builder's risk insurance secured by the Port; therefore, the Contractor shall provide an "installation floater" or similar property coverage for materials not yet installed, whether stored on site or off site or in transit, and the Contractor shall obtain property coverage for all Contractor-owned equipment and tools. Each loss may be subject to a deductible of \$25,000. Losses up to the deductible amount shall be the responsibility of the Contractor. All tools and equipment not intended as part of the construction or installation will be the sole responsibility of the Contractor.

RESPONSE TO BIDDER QUESTION

Answer to both these questions are also provided in the language. Contractors are expected to purchase property coverage for 'materials not yet installed' and to insure their owned equipment and tools. The maximum allowable deductible, or self insured retention, for both is defined as \$25K.