818 Commercial Street, Room 203, Astoria, Oregon 97103, Phone: (503) 325-0435, Fax: (503) 325-0459
Email: crest@columbiaestuary.org, Website: www.columbiaestuary.org

February 8, 2024

ADDENDUM #1 WOLF BAY RESTORATION PROJECT – CONSTRUCTION RFP

Dear RFP Holder:

The following addenda apply to the Wolf Bay Restoration Project - Construction RFP. Project proposals are still due via email by **4pm on February 16, 2024**.

Addendum #1 Contains clarifications and additional information on the following:

1. **No Bid Bond Required**
2. **Geotechnical Clarifications**
3. **Contract Forms**
4. **RFI Deadline Reminder**

1. Bid Bond

CREST does ***not*** require a Bid Bond for this project.

2. Geotechnical

The Following questions were presented to GRI at the mandatory pre-bid.

1. GRI to Check to see if PDA is required, setup period, etc.

   RESPONSE: PDA testing not required. Terminal driving criteria determined by dynamic equation specified in the G&W Spec section 520. No set up period is allowed and the terminal blow count shall be end of drive conditions per Section 520. GRI recommends considering the ODOT specified FHWA Gates Eq to evaluate terminal blow counts in combination with the G&W specified equation.

2. GRI to follow up on Hammers and Weep Analysis/Parameters.

   RESPONSE: The plans indicate on sheets 13, 18, and 25 that piles must be driven to an "ultimate" resistance of 265 kips. GRI's understanding was that the required "allowable" resistance was 265 kips. The allowable resistance is typically approximately equal to the pile service load. The ultimate resistance is calculated by multiplying the allowable resistance by a

factor of safety equal to 2.5. For a pile load/allowable resistance of 265 kips this would correspond to an ultimate driving resistance of about 663 kips. If our understanding is correct about 265 kips being the allowable or service load then the notes on the plan sheets should be revised to read piles must be driven to an "ultimate" resistance of 663 kips. The ultimate resistance is what the Contractors must demonstrate in the field. **Hanson to verify what the ultimate and allowable resistance should be assuming the factor of safety is 2.5.**

Regarding hammer size and WEAP analysis the ODOT standard specs section 00520.20 (d)(2) requires a WEAP analysis to evaluate hammer size for Nominal Resistance greater than 600 kips. **A Wave Equation Analysis of Piles (WEAP) submittal in accordance with the ODOT Standard Specifications section 00520.20 (d)(2) will be required by the contractor to evaluate the proposed pile driving hammer. WEAP soil input parameters to be provided to the selected contractor within 7 days of contract execution.**

3. Contract Forms
Contract Forms have been uploaded to the website with the remainder of the RFP documents. See link for the Contract Forms at https://www.columbiaestuary.org/rfps.html

4. Reminder - Final Questions/RFI due by 4pm on February 12th
In order to be fair to all parties, CREST will answer all questions/RFI about the RFP that are asked before 4pm on February 12th, 2024. Answers to questions will be shared with all eligible RFP bidders via an addenda sent to those on the Plan Holders List (those who attended the mandatory pre-bid). Questions asked after the deadline will not be answered.

As before, please email all RFI's and proposal/bid documents in PDF form to Jason Smith (jsmith@columbiaestuary.org).

Regards,

Jason R. Smith
CREST Habitat Restoration Project Manager
Ph: (503) 325-0435 x 219