

Greater Victoria Harbour Authority
For
Ogden Point Berth B Mooring Dolphin Project
Addendum 2

December 9, 2009

To: Planholders
Transmitted: Four (4) 8 1/2"x 11" sheets

General

1. The following revisions are hereby made a part of the Contract Documents. Please acknowledge all Addenda on the Bid Form.
2. Owner-furnished Quick Release Hooks are expected to be procured and available for installation between March 15 – April 15, 2010.

Tender Form

1. Appendix D clarification - List pile hammers: Contractor to include specific model of pile hammer that will be used in accordance to the minimum rated energy listed on sheet G2 of the engineering drawings.
2. Appendix E clarification - Contractor to attach their own work schedule.

Plan Sheets

1. **Sheet G2 – General Notes**

Under:

Pile Installation

Delete:

All piles shall be initially driven to refusal with a vibratory hammer. The vibratory hammer shall be selected by the Contractor and approved by Engineer prior to mobilizing to the site. All piles shall then be driven for a minimum of 20-feet with an impact hammer appropriately sized for that pile.

Replace With:

All piles may be initially driven to refusal with a vibratory hammer. The vibratory hammer shall be selected by the Contractor and approved by Engineer prior to mobilizing to the site. Piles may also be driven full-length with an impact hammer but will still be required to meet specified pile driving tolerances. All piles shall be driven for a minimum of 20-feet with an impact hammer appropriately sized for that pile.

2. **Sheet E2 – Dolphin Detail and Single Line**

Under:

Notes:

Delete:

2. Type 'B' marker light: Pauluhn Promark 1158/AL (white)

Replace With:

2. Type 'B' marker light: Pauluhn #FED7001B12A-YEL-2-3/4" Dual yellow flashing Strobe.

Instructions to Bidders

1. **Page 4 of 9,**

Under:

3.4 Scheduled Completion

Delete: Entire section

Replace With:

Funding sources require additional permit review which has not been obtained. It is not envisioned that additional restriction for construction will be implemented over what is currently shown in permits.

Field construction cannot begin until all permits have been obtained. Contract award will be based upon current permit restrictions and will allow for material procurement prior to permit receipts. Field construction authorization will not be provided until all permits have been obtained. Contractor shall take into account the following schedule:

- *Contract award as noted in documents will be followed.*
- *Notice to proceed issued for material procurement with contract award.*
- *Notice to proceed for field construction will be provided no later than January 6, 2010 once permits are received. In-water work shall be completed prior to March 15, 2010 and final completion shall occur prior to May 6, 2010.*
- *If permits are received after January 20, then start of field construction will be delayed until December 1, 2010 at which time Notice to Proceed for that work will be issued. In-water work shall be complete by February 15, 2011 and final completion shall occur prior to March 31, 2011. If field work is delayed until December 2010, materials shall be delivered to the project site and stored as directed by the GVHA until such time as field work can begin. Materials delivered to the site will be paid for per contract documents for material on hand. Alternately, Contractor may propose an insured secure offsite storage area as approved by GVHA.*

By submitting a Tender, the Bidder acknowledges the required dates of Substantial and Total Performance and warrants, that the Work will be completed on or before those dates subject to adjustment in Contract Time as provided for in the General Conditions.

Failure to complete the Work in accordance with the Project Schedule, subject to adjustment in Contract Time as provided for in the General Conditions, may result in the Owner seeking damages from the Contractor.

Bidder Questions and Answers:

1. Ref: Instructions to Bidders – 3.2.2 Permits – DFO permit was not included in Attachment 2 as indicated. Please provide a copy of this permit or approval.

[Charles Ramos]: No written DFO permit has been issued. Approval has been granted for work to proceed in accordance with the “Best Management Practices for Pile Driving and Related Operations – BC Marine and Pile Driving Contractors Association - November, 2003”

2. Ref: Instructions to Bidders – 3.4 Scheduled Completion – All work is specified to be completed by March 31st. Per Addendum #1, the triple hooks won't be delivered until after this date.

a. Please set a new total completion date.

[Charles Ramos]: See modifications to “Instructions to Bidders, Section 3.4 Scheduled Completion” above.

b. Can you provide more flexibility with respect to the substantial completion date so that we work into March with the pile installation?

[Charles Ramos]: See modifications to “Instructions to Bidders, Section 3.4 Scheduled Completion” above.

3. Ref: Drw G2 – Notes, Steel Pipe Piles – “Final ordered length of each pile shall contain no more than one section less than 40-feet.” Drw S2, Spin Fin Elevation Detail indicates that the Spin Fin section of the piles can be fabricated separately and then spliced onto the pile. With the need to trim the pile at the top, this could result in the pile being made up of at least two sections less than 40-feet. For ease of installation we request that this requirement be dropped or increased to three sections less than 40-feet.

[Jon Keiser]: No change will be made. The cut portion of the pile will not be part of the final ordered pile length.

4. What other manufacturer's cutting edge shoes are acceptable?

[Jon Keiser]: None

5. Ref: Drw S5, Elevation View - For the Dolphin Ladder, is there only one strut to the King Pile, i.e. on side supported, or are there two struts, one for each leg of the ladder?

[Jon Keiser]: There is only one strut as shown.

6. Ref: Drw S5, Elevation View & S6, Elevation View – Please confirm that one life ring is required for the platform and one for the catwalk for a total of two life rings?

[Jon Keiser]: Yes, two life rings as shown.

7. Ref: Drw G2, Retroreflective Material & Lighting, and E2, Note 2 – Type “B” Marker Light. The note on G2 calls for the “Navigation lights shall be yellow and display a 0.5 second flash every 4 seconds with a minimum nominal range of 1 nautical mile”. The note on E2 calls for the Type “B”

Marker Light to be a Pauluhn Promark 1158/AL (white). The Pauluhn Promark 1158 is a continuous “steady burn” marker.

a. Which is it?

[Charles Ramos]: Flashing yellow. See new specification under Plan Sheets item 2 above.

b. Can an energy efficient LED marine marker light be substituted?

[Charles Ramos]: As specified.

8. Ref: Drw G2, Pile Installation – The requirements call for the piles to be initially driven to refusal with a vibratory hammer. At the site meeting it was discussed that the vibratory hammer may not penetrate more than about 20 feet. Why bother with the vibratory hammer? Can we simply drive the piles start-to-finish with the impact hammer?

See item 1 under Plan Sheets, above.