

Attn: Bidders

DATE: May 22, 2020

PROJECT No.: 0837-053

PROJECT NAME:

Little Qualicum Pedestrian Bridge
Tender 20-031

From: Ali Sadeghi, P.Eng.

3 Pages Following

AD-02

1. *This Addendum shall be read in conjunction with and considered as an integral part of the Contract Documents; revisions supersede the information contained in the original drawings, specifications or previously issued Addendum.*
2. *Tender Price submitted shall include all items of this Addendum.*
3. *No consideration will be allowed for any extras due to any bidder not being familiar with the contents of this Addendum.*

Addendum Information: Changes are noted in **RED**.

ARTICLE 20. SECURITY REQUIREMENTS

ADD

1. The Bid Bond and Surety's Consent must be submitted in an electronic or digital format must meet the following criteria:
 - 1.1. The version submitted by the Tenderer must be verifiable by the Owner with respect to the totality and wholeness of the bond form, including: the content; all digital signatures; all digital seals; with the Surety Company, or an approved verification service provider of the Surety Company.
 - 1.2. The version submitted must be viewable, printable and storable in standard electronic file formats acceptable to the Owner, and in a single file. Format should be pdf.
 - 1.3. The verification may be conducted by the Owner immediately or at any time during the life of the bond and at the discretion of the Owner with no requirement for passwords or fees.
 - 1.4. The results of the verification must provide a clear, immediate and printable indication of pass or fail regarding Item 1.1.
2. Bonds failing the verification process will NOT considered to be valid and the bid will be rejected.
3. Bonds passing the verification process will be treated as original and authentic.

QUESTIONS AND ANSWERS

- Q1:** *Will the client add clarification of the procedures the contractor is to follow to protect the existing BC Hydro lines during construction?*
- A1:** Section 10. of Special Condition - "Work in the Vicinity of Overhead Utility & Power Lines" and Section 1.1 of Pay Item Description – "Working in Vicinity of Utilities" of the Tender, provides several key guidelines for working around the overhead power. As "means and method" of

construction is the responsibility of bidder, we suggest bidders contact BC Hydro directly and discuss the procedures involved in protecting the line as they deem necessary for the course of construction.

Q2: *Will the client provide clarification of which trees are to remain, that require tree protection, and the trees that require removal for the safety of the new structure being installed?*

A2: Section 11.2 “Tree Protection Plan Management” of the Environmental Management Plan, describes if possible, all trees and vegetation outside the construction area as shown in the drawings will require protection.

The project Environmental Consultant will review the “method and means” of construction with the successful bidder on site to identify which trees will need to be removed and which trees can be protected within the construction area. This is a cooperative approach to ensure as many vegetation and trees within the construction area can be protected. There are approximately 4 trees within the construction zone.

Q3: *Will the painting of the girder be required to be field painted? This is due to the required field welding which may damage the 3 coat system.*

A3: The “NOTES” on Drawing **S07** should read:

“ALL STEELWORK NEXT TO THE ABUTMENTS AS INDICATED ON DRAWINGS AND **3.0 METRES FROM THE ENDS OF EACH GIRDERS** TO BE PAINTED PER SPECIFICATIONS, **INCLUDING TOP FLANGES OF GIRDERS, EXCLUDING FAYING SURFACES. COLOUR OF PAINT TO MATCH WEATHERED STEEL SURFACE.**”

All steel specified to be painted are to be shop painted except within 50mm of the weld locations. These areas are to be masked off and field prepared and painted to the manufacturers written instructions following welding.

Q4: *Will the entirety of the bearings require painting as they are steel work next to abutments?*

A4: The faying surfaces of the bearing will not require painting, otherwise, all steel is to be coated as per A3.

Q5: *Could you point me in the right direction to ask about construction layout for this project? Herold Eng is the consultant for the RDN, would you be willing to provide a quote for the construction layout requirements?*

A5: Herold Engineering will only provide layout information for the project and will not provide construction layout services. There are several reputable surveying companies in the greater Nanaimo area that can provide construction layout for the bridge construction. To remain unbiased, Bidders must complete their own research.

Q6: *The notes on the EMP on drawing S04, discusses the issue of tree clearing vs the Bird nesting window. It states that all trees must be felled prior to April 1st. As this tender is closing nearly 2 months after that date, can this requirement be relaxed?*

If a nesting Survey is required, will the Owner be carrying this out with their hired Environmental professional?

- A6:** The “NOTES” on Drawing **S05** state:
“ANY TREE REMOVAL AFTER MARCH 1 SHALL BE PRECEDED BY A BIRD NEST SURVEY TO VERIFY THE ABSENCE OF EARLY NESTING SPECIES”.
This nesting survey will be required prior to any tree removal. The survey will be completed by the Owner’s Environmental Consultant. Species specific precautions will be provided to the successful contractor if an active nest is found.
- Q7:** *Will it be possible to have access to the gravel in the pit south of the project, accessed from Melrose Rd?*
- A7:** It’s our understanding that this is not an active gravel pit. Bidders are advised, as specified in the “GENERAL NOTES” of Drawing **S01**, that all of the granular material sourced for the project shall comply with the quality control requirements of Section 202 of BC MOTI Standard Specification. It is the bidders responsibility that all granular material for the project meet the project specification.
- Q8:** *There are some indications of Test Hole and Test Pit numbers on the IFT drawings, but I don’t find a geotechnical report in the Tender file. Is there one available for this project?*
Please advise.
- A8:** Please see Addendum 1 (AD-01)
- Q9:** *What is the Common Exc quantity of 285 m3 based on? Are you assuming a given depth of unsuitable stripping, based on the geotechnical data?*
- A9:** The common excavation includes stripping and clearing for placement of bridge end fill and riprap, excavation down to suitable base for bridge end fill and reasonable excavation required to tie the existing road to the bridge approaches.
- Q10:** *It would be beneficial to know how much of each of the quantities are anticipated at either side of the river. Common Excavation, bridge end Fills and gravel base.*
- A10:** Our calculations indicate an equal quantity on each side of the bridge. Bidders are advised to complete a calculation of their own prior to submitting a bid.
- Q11:** *The Supplementary General Conditions doesn’t mention a scope of work for item 2.03 Base gravel. Where is this anticipated to be utilized? Is this to re-cap any of the existing path to the bridge access?*
- A11:** As indicated on Drawing **S04**, 200 mm of Base Course (Crushed Base Course Aggregate) will be required to cap the bridge end fill and the bridge approaches.
- Q12:** *Will the Client please specify the type of bridge deck?*
- A12:** The design intention for the bridge is for a precast non-composite concrete deck.

- Q13:** *Will the Client please specify paint specs for the structure?*
- A13:** Specification for paint and acceptable product list for this project can be found in Section 216 – ‘Coating of Steel Work’ of BC MOTI Standard Specification and in the following link:
<https://www2.gov.bc.ca/gov/content/transportation/transportation-infrastructure/engineering-standards-guidelines/recognized-products-list>
- Q14:** *Is stainless steel ferrule loops required? can they be galvanized? If the ferrule loops are SS, will the attaching bolts be SS?*
- A14:** Galvanized DAYTON F42 Ferrule Inserts and galvanized bolts will also be acceptable.
- Q15:** The Environmental Mitigation Plan featured on S05 shows mitigation for existing riprap and bridge. Is this supposed to show newly installed Riprap and the mitigation measures for that work?
- A16:** Bidders are advised to refer to Drawing **S04** for the approximate limit of the new the riprap. All environmental mitigation measures should consider the extend of new riprap as well.

END OF AD-02



Per: _____
Ali Sadeghi, P.Eng.

CC: Mark Dobb- RDN
Kurtis Felker- RDN