

Question 1: The technical Specs include requirement for the hydrophilic waterstop, however, we are unable to find any details in the Drawings for hydrophilic waterstop. Can you please provide such details for the location and layout of the hydrophilic waterstop?

Answer 1: There is currently no hydrophilic waterstop required in the design. The specification for hydrophilic waterstop was retained in case an unplanned situation arises during construction where this type of waterstop would be seen by the engineer as a helpful solution.

Question 2: Confirming that contractor can work in water/work boat within area between dam and safety boom?

Answer 2: Yes, however the Contractor will be in care and control of the site and responsible for the health and safety of the workers present.

Question 3: Are stack stones required to be removed in cofferdam connection area or can contractor propose alternate method of cofferdam tie in?

Answer 3: No, stacked stones have to be removed and replaced back as directed by drawings and specifications in the cofferdam area.

Question 4: What is the assumed linear meters of drilling required for foundation grouting?

Answer 4: Refer to Measurement and Payment Specification Section 01 22 01; 1.4.20 Pay Item 19. Foundation Grouting includes drilling. This will be determined in the field and is provisional in nature.

Question 5: What is the depth of these drilled holes?

Answer 5: Refer to Measurement and Payment Specification Section 01 22 01; 1.4.20 Pay Item 19. Foundation Grouting includes drilling. This will be determined in the field and is provisional in nature.

Question 6: How many stages of grouting does each hole require?

Answer 6: Refer to Measurement and Payment Specification Section 01 22 01; 1.4.20 Pay Item 19. Foundation Grouting includes drilling. This will be determined in the field and is provisional in nature.

Question 7: Under the mandatory criteria Marine Construction Experience pg. 18 of 23, the requirement reads "The bidder shall have self-performed at least 80% of the construction work." It is our experience that the cost of temporary works, such as temporary cofferdams, etc., would not be included in this 80%. (i.e. a \$20,000,000.00 Project would conceivably include a 50% of temporary cost, therefore the construction work would be 80% of the Contract Value less the temporary works, as self-performing.

Answer 7: The bidder must have performed at least 80% of the construction work regardless of whether it is permanent or temporary work.

Question 8: The key personnel of the Bidder is exactly the key to a successful Lock 38 Dam Reconstruction Project for Public Works. This is stated clearly in the RFP as noted under the Experience and Suitability of proposed staff pg. 21 of 28 and Work Plan and Methodology pg.22 of 28 and further verified under the evaluation table/guide on pg.24 of 28. If a key personnel has a significant and similar project in his/her experience from

another company, but now part of the bidder's key personnel team, is it acceptable to use this Project as the bidder's experience? (Note: Not unlike a professional sports team contracting for a superior players, which the effect will be immediate addition of experience and success. i.e. Lebron James from Cleveland to Los Angeles; if Connor McDavid was traded to Ottawa Senators; Tom Brady, the quarterback moved to New York Jets)

Answer 8: No, the experience of key personnel and the experience of the Bidder are separate evaluation criteria.

Question 9: For precast slabs for the sluiceway structures, is the fabrication joint to be provided by the Consultant of the Owner, or to be designed by precast slab fabricator and approved by the Consultant?

Answer 9: The precast joint with the pier is described in Detail 3 on drawing S004.

Question 10: In the ITT, it said "The Contractor must perform the work within 60 weeks from the date of notification of acceptance of the offer". Our understanding is based on this clause, Contract Execution and documents submission will be included within this 60-week window. These are not 100% controlled by the Contractor and therefore should be timed differently out of the 60 weeks. And what is the definition of a week under this Contract Clause, like a work week? (e.g. Christmas week only has two working days, it will be unreasonable to count that week as a "week") Can you please clarify the commencement date of the Project, the completion date and key milestones of the Project?

Answer 10: The commencement date of the project is when the contract is awarded. The completion date is dependent on the date of contract award. The key milestones must be set by the successful bidder.

Question 11: In Drawing S007 the pier is separated into three parts, top, mid and lower, which is based on the cross section in Drawing S006, Section A. However, in Drawing S006, no ELEV. is given for each of the Section (C, D and E), so we are having a difficult time figuring out the ELEV. limit for each section, and this will affect our take-off of the rebar. Could we assume top pier is from ELEV. 236.35m to ELEV. 235.50m; mid pier is from 235.50m to 233.90m, and lower pier is from 233.90m to 231.63m? Please advise.

Answer 11: No, the reinforcing steel needs to account for all changes in geometry while maintaining reinforcing spacing, reinforcing size and concrete cover.

Question 12: In Drawing S011, Section G shows the L angles welded to the sill beam as "L76X76X8X420 LG.", while section H shows the length of the L angle is 200mm, which matches the flange width of the W250X49 beam. Can you please confirm which dimension shall govern for the length of this L angle underneath the sill beam? Thank you.

Answer 12: Refer to Section D on drawing S011.

Question 13: In Drawing S010, Section B shows L angles that are bolted to the alum. Grate as "Aluminum Angle 32X32X3.2 (6061 Grade) continuous uninterrupted", while Section C shows that angle as "Aluminum Angle 44X44X3.2 300mm Long (6061) grade". Can you please confirm which note is correct and which section shall govern? Thank you.

Answer 13: Section B/C will be revised to show a continuous angle L44x44x3.2 (not 300 mm long). There is no discrepancy found for the L32x32x3.2 angle.

Question 14: (Payment item #2 :cofferdam) In reference to UNIT PRICE TABLE, of the APPENDIX 1-COMBINED PRICE FORM, item #2 is calling for a quantity of 270 linear meter. In reference to drawing S004, take-off quantities are the following: Upstream Cofferdam: 72.4 meter; Downstream Cofferdam: 59.5 meter; Tie In cofferdam Stage 1: 21.2 meter; Tie In Cofferdam Stage 2: 21.2 meter; TOTAL : 174.3 meters. How will the Contractor would be remunerated regarding the Cofferdam with such a quantity difference? We propose that the cofferdam should be paid by a lump sum price.

Answer 14: The cofferdam is to be paid on unit price basis and the total length of the cofferdam is estimated by considering the following:

- 26 meters Stage 1 tie-in
- 12 meters Stage 2 tie-in
- 6 meters Stage 2 tie-in
- 69 meters Upstream Cofferdam
- 69 meters Downstream Cofferdam
- 28 meters North Temporary Shoring
- 34 meters South Temporary Shoring

Please provide pricing on the Combined Price Form provided in the RFP.