

The following changes to the tender documents are effective immediately and will form part of the contract documents:

Enquiries received during the Solicitation Period:

Question 1: Division #01- General requirements: Regarding the milestone, you mentioned at 3.1: to supply structural steel members and components by 1st, September. We would like to understand why they need these components by September 1st? The cofferdams construction will start only after October 31th. Is it possible to ship the embedded parts first and the stoplogs could be ship later during winter with the follower beam?

Response: Delete and replace Section 01 00 01 – General Instructions, Clause 1.04.3.1 with the following: “1. Source and supply all steel members and components by 1 September 2020. Complete fabrication of all steel structures and components by 1 November 2020.”

Question 2: In the Division 05 – Metals 3.03 mentions machining seal bearing bar, wall bar and bearing plate face but in the drawing C07, we don't see the machining symbol. Please have a look at the noted dwg and confirm if we have to include all red markup as machining surfaces (see pictures below).



3.03 TOLERANCES

- .1 **Stoplogs**
 - .1 **Machine seal bearing bar, wall bearing bar and bearing plate faces to obtain the required tolerances.**
 - .1 Seal bearing bar to ± 2 mm over the full length of the stoplog.
 - .2 Mounting surfaces for seals to ± 2 mm over the full length.
 - .3 Vertical faces of wall bearing bars plumb to within ± 1 mm over the full height of stoplog.
 - .4 End and intermediate bearing plates to $+0.5$ mm over the width of the stoplog.
- .2 **Embedded stoplog sill plate and guide slots**
 - .1 **Machine sealing and bearing faces to obtain the required tolerances.**
 - .1 Sill plate to ± 0.5 mm when checked with a 2 m straight edge; level within ± 2 mm over the entire length.
 - .2 Vertical guide slot seal face to ± 0.5 mm when checked with a 2 m straight edge and plumb within ± 3 mm over the entire length.
 - .3 Lifting beam - depth of built-up section at guide slots ± 2 mm.

This will save costs because the installation time will be shorter (see attached dwg noted). Please confirm at least we could offer optional.

Response: It is the Contractor's responsibility to develop a work plan to achieve the specified tolerances. Additional anchor bolts for fine tuning lateral adjustments would be accepted by the Department Representative (at the Contractor's expense) pending review and approval of the awarded Contractor's submitted shop drawings.

Question 5: In Section 01 00 01 General Requirements Clause 1.04.3.1 you have the fabrication of the steel components set at September 1. This is a very tight deadline for the fabricators which raises some concern for us that it can be met. The components won't be needed on site until some time in November at the earliest. Can you review and advice if this date can be relaxed to provide additional time to the fabricators?

Response: Yes, delete and replace Section 01 00 01 – General Instructions, Clause 1.04.3.1 with the following: "1. Source and supply all steel members and components by 1 September 2020. Complete fabrication of all steel structures and components by 1 November 2020."

Question 6: In Section 35 20 22 Dewatering Clause 1.04.5 you have set a condition for a minimum seepage inflow of 500L/s which is a very large flow, and by one supplier's estimate will require 2 – 12" pumps to control. I would not expect that kind of seepage through the cofferdams once they are constructed. Is it anticipated that this kind of flow will occur through the foundation? If this kind of flow is encountered do you anticipate this will be addressed during construction for remediation?

Response: The seepage rate is unknown. The Contractor is to provide pump capacity for up to 500 L/s. The scope of work is as per the Drawings and Specifications. Significant variations from the intent of the Contract Documents may be raised by the Contractor during construction and will be reviewed and considered by the Departmental Representative.

Question 7: On section E (Stoplog Seal Plate) of C06 there is a note mentioning machining. What is the purpose? Require a specific finish? Does this mean that this plate is machined down in the field after the embed is set in-place, or are they wanting this done in the shop? Assume it would be after HDG?

Response: The purpose of the machining note is to make the Contractor aware that machining of the component will likely be required to achieve the specified tolerances. The specified finish for embedded steel is a Galvanized finish as per Section 05 50 00 – Metal Fabrications, Clause 2.03.2. The Contract Documents do not specify whether the plate is machined down in the shop, in the field after installation or before or after Hot Dip Galvanizing. It is the Contractor's responsibility to develop a work plan to achieve the specified tolerances.

Question 8: On the clamp seal bars that sandwich the rubber seals (see Detail 1 & 6 on C07) the detail shows a filleted edge (assuming to not cut seal). Does the R6mm need to be met, or would it be adequate to remove the sharp edges w/ grinders?

Response: Yes, the R6 mm needs to be met.