

Amendment 001 Questions and Answers

Q1) Why are areas LSCR – W1 and W2 hydraulic-only dredge areas? In all likelihood there will be only one contractor able to supply the equipment to perform that work.

A1) LSCR – W1 and W2 are not hydraulic-only dredge areas. As per the Dredging Specification Section 1.8.1 -Dredging Plant: "Dredging plant used in the work to be mechanical or hydraulic type of sufficient capacity and in good operating condition to satisfactorily complete the work, within the time schedule and in accordance with the specifications."

Q2) The production rates for (and turbidity created by) trailing hopper suction dredges increases when bottom-agitation methods (i.e. jets) are engaged. I think the intent of this Specification Item is to ensure that, should the use of the jets push the turbidity over the specified limit but that the TSHD is in compliance with the specifications while the jets are off, the jets can't be left off during the day (while turbidity monitoring is ongoing) and turned on at night (when the monitoring isn't taking place). The increase in the TSHD's production from the jets use at night will reduce the hopper's fill-time, while increasing the amount of turbidity. Should the last sentence read, "Dredging and filling of the hopper during the night shift shall take at least the same duration as the minimum hopper-filling time of the previous day shift." Alternately the words "longer in" should be replaced with "less in"?

A2) At no time should dredging methods cause turbidity to exceed specified criteria. If TSHD results in elevated turbidity above criteria, dredging must cease. As only daytime turbidity monitoring is proposed, dredging at night can only proceed if there have been no turbidity criteria exceedances during daytime turbidity monitoring of dredging. The proposed sentence adjustment above is correct meaning that night shift filling is expected to take as long or longer than day shift filling.

Q3) Section 01.35.30, paragraph 1.4.1 Work permit: obtain permit related to project. Which permits are they?

A3) Permissions from DFO have been obtained. Outstanding permits include Ministry of Labour Work Notice, Canadian Coast Guard Notice of Dredging and occupation of the navigation channel, relevant permits related to vessel launch/moorage.

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Q4) Section 35.20.24, paragraph 3.4.2 states to maintain a minimum depth of 5m below chart datum at disposal site but the drawing MA-05 of the tender documents shows that the disposal sites are located on the isobaths 5m. Can you please explain?

A4) The minimum depth of 5 m below chart datum must be maintained at the designated open lake disposal site. In accordance with the latest sounding / hydrographic survey carried out in 2018, it was reported that at a distance of 350 m from shore the depth is 5m.

Q5) In appendix 1 – Combined price form.

Scenarios A & B: does the tenderer must fill hydraulic dredge AND mechanical dredge price table?

A5) No. The contractor should provide the price for either hydraulic or mechanical dredge services.

Q6) The set of drawings issued contained 2 drawings with the same number (MA-05). Please confirm that the Drawing MA-05 which shows the LSCR - W3 dredge soundings should in fact be titled MA-04.

A6) This has been revised please see Attachment 004.

Q7) General Instruction, Section 1.18, Floating Plant Requirements. "Dredges and other floating plants must meet the requirements described in the Floating Plant Appendix of the Bid and Acceptance Form." There is no Floating Plant Appendix contained in the Bid and Acceptance Form. Please advise.

A7) Please see Attachment 005