

CLARIFICATIONS 002
Solicitation EQ754-191030/A
Project No. R.094968.009
Newboro Lock 36 Rehabilitation
September 14, 2018

QUESTION 1.

Would any similar size, paint removal and repainting project including a submerged steel structure be considered as an eligible experience for Form No. 2? Or it has to specifically a gate? Same for Form No. 8C.

Response 1.

PSPC would accept a similar size project demonstrating Contractor has experience removing, repainting and reinstalling a steel structure, similar in size to a lock gate, in a marine environment (lock, dam or wharf) with a total project value greater than \$200,000.

QUESTION 2.

Form No. 3 qualifications would be usually done by two separate subcontractors – painting and M&E systems. Is this form to be used only by a mechanical and electrical system subcontractor? Same for Form No. 8D.

Response 2.

Yes, forms No. 3 and 8D were intended for the mechanical and electrical work and should read “Marine Environment –Upgrading mechanical and electrical systems for steel gates”.

QUESTION 3.

Can you please clarify what work is intended to be done in each season? Are there any requirements for specific work to be done in year 1 or 2?

Response 3.

There are no requirements for specific work to be carried out each year. Contractor to propose for acceptance, a schedule in which the lock station is fully operational prior to the start of each navigation season and in accordance with the schedule in the contract documents. Contractor to include the costs associated with a two year project in their bid.

QUESTION 4.

Are there any trees that have to be removed as a part of the contract? Is the contractor allowed to remove trees that are in the proposed staging area?

Response 4.

Yes, two trees are indicated for removal on Drawing 103. Contractor to only remove trees indicated for removal or as directed by the Departmental Representative. Each tree removed or damaged is to be replaced with two new trees. Contractor to include cost for removing one additional tree and replacing it with two new trees in the lump sum price as a contingency. Removal of additional trees may be proposed for acceptance by the Client's Environmental Authority.

QUESTION 5.

Section 32 09 00 Landscaping subsection 3.12.1 Plant minimum of 6 new trees. Can you please specify the trees to be planted? Can you please specify the requirements for trees in subsection 3.12.2?

Response 5.

Contractor to plant trees matching existing trees in type and species to requirements indicated in Article 2.5. A list of the species of trees on-site is provided in Appendix A - Basic Impact

CLARIFICATIONS 002
Solicitation EQ754-191030/A
Project No. R.094968.009
Newboro Lock 36 Rehabilitation
September 14, 2018

Assessment (BIA). Contractor to identify the species and type of existing trees removed during site investigation and propose replacement trees in their Landscaping Plan. Guidelines for the location of new trees to be provided by Environmental Authority prior to preparation of the landscaping plan. Red Oak and Red Maple in equal quantities for the trees that will not be replaced in kind.

QUESTION 6.

Is it mandatory to remove and replace the gate to Thompson Lane?

Response 6.

No, it is not mandatory to remove and replace the gate to Thompson Lane. But, the gate may be too small for heavy equipment to pass through and the gate will likely be damaged during the work if the Contractor chooses to use Thompson Lane to bring in equipment and materials. Also, even if the Contractor chooses not to use Thompson Lane, it is mandatory for the Contractor to remove soil and rock as indicated on Drawing 102 to level the roadway in front of the gate for use by maintenance vehicles. The disturbed area is to be finished with topsoil and sod.

QUESTION 7.

Is any other electrical work required on the wharves?

Response 7.

Replacement of the 9 Lighting Posts and Post Top Luminaires is required, but no other work on the shore power system.

QUESTION 8.

Is full scaffold and hoarding required?

Response 8.

Yes, in accordance with Section 01 20 01 - Site Access and Section - 01 56 00 Temporary Barriers and Enclosures, a scaffold system, scaffold stairs, ladders, hoarding and heating are required for the duration of the project to provide weather protection, easy access to all work areas, for inspections and to provide a temperature controlled environment for concrete and masonry work and curing. Contractor may propose staging the scaffolding in phased sections, so long as the scaffolding remains in place for the duration of the work in each area, including curing and inspections. Scaffolding system to allow room for work as indicated in Section 01 20 01 Article 3.4.

QUESTION 9.

Is the Lock Control Building and it's bathrooms available for use by the Contractor?

Response 9.

No, the Lock Control Building will be winterized and closed at the end of the Navigation Season with minimal electrical services and minimal heating. Contractor is only allowed access the mechanical room, electrical room and office as required for the work. Contractor to provide temporary power, light and heating for the work, including work inside the building. The Contractor is to provide temporary toilets.

CLARIFICATIONS 002
Solicitation EQ754-191030/A
Project No. R.094968.009
Newboro Lock 36 Rehabilitation
September 14, 2018

QUESTION 10.

Does the flagpole require repainting?

Response 10.

Yes, the flagpole requires removal, repair, repainting and reinstallation. Flagpole will be inspected after grit blasting. Repairs are expected to be minor and paid by Kg of new steel in accordance with Section 05 50 11 – Metal Fabrications. Repainting in accordance with Section 09 97 01 Painting Steel Surfaces.

QUESTION 11.

Do we have to use Thompson Lane?

Response 11.

No, the Contractor may choose to carry out all work from the North Side.

QUESTION 12.

Do we have to take the gates out in the first year?

Response 12.

No, there are no requirements for specific work to be carried out each year. See answer 2.3

QUESTION 13.

Do we only need to remove the electrical in the electrical room?

Response 13.

No, the control panel and PA system control in the office are to be removed.

QUESTION 14.

Is this the only mechanical room?

Response 14.

There is work in the mechanical room, electrical room and office.

QUESTION 15.

Do we leave the stoplogs in place at the end of the construction season?

Response 15.

Stoplogs will be installed by Parks Canada's barge at the end of each Navigation Season. Contractor to design supply and install water tightness improvements to use stoplogs as a cofferdam. Contractor may need to remove stop log weights, float and adjust or remove and reinstall stoplogs to clean the log check using divers to ensure a proper seal and water tightness at the base of the stoplogs. At the end of each construction season and at the end of the project, Contractor to install timber stoplogs into upper gains after testing of gate and remove timber stoplogs from the lower gains and leave the stoplogs floating as a raft in the water using two 2x4 boards nailed into each stoplog.

CLARIFICATIONS 002
Solicitation EQ754-191030/A
Project No. R.094968.009
Newboro Lock 36 Rehabilitation
September 14, 2018

QUESTION 16.

Is there any masonry work outside the stoplog cofferdams?

Response 16.

Yes, there is work on the wing walls above the waterline.

QUESTION 17.

Do we have to paint the mechanical trench covers.

Response 17.

Yes, the trench covers and support brackets are to be cleaned and painted in accordance with Section 09 97 01 Painting Steel Surfaces.

QUESTION 18.

Do we have to construct all roads and staging areas indicated in the drawings?

Response 18.

No, but these are the limits of work accepted by Parks Canada's Environmental Authority.

QUESTION 19.

Do we have to excavate soil and remove the entire South masonry wall?

Response 19.

Approximately 18.55 m of the South wall is to be dismantled and rebuilt. After raking the South wall, and inspection by Departmental representative, the size of area to be dismantled may change. Also, the Contractor is to remove the South wall in two stages, allowing inspection of the chamber wall and back wall to determine if the back wall can remain in place, which will reduce the amount of excavation required behind the South wall.