

PSPC
Trent Severn Waterway Central – Burleigh Falls

ADDENDUM 5

Question 1:	We understand that the material to fill the void under the Dam will be composed of different type of material as described on step 1 of drawing 201. It is pretty hard to evaluate the quantity overall and the quantity of each type of material since there is no specification. We don't know what will be the sign to go from a type of material to another and who will decide it. We believe that the quantity can be variable in plus or minus from what is indicated on the drawing. To be fair and make sure TPSGC will pay the right price for these works, can you add items in the BOQ with quantity for each of the material type for step 1 and each material for the other step?
Answer 1:	Please consider this item as part of the Contract Lump sum Amount.

Question 2:	Can you confirm the zone to be built under item 25 – Erosion protection of the BOQ?
Answer 2:	The zone is that covered by rip-rap in cross sections A, B, D and E in drawing 704, (materials 4, 6 and 8).

Question 3:	In which specification reference will the membrane shown on drawing 704 be paid?
Answer 3:	There is no membrane shown on 704. If it is referring to the upstream liner (drawings 004-005) it is covered under item No. 9 – Existing dam seepage control.

Question 4:	As per the borehole BH 17-03 from annex S3 of the BOP, the roc is at 241.6, an average of 400mm lower than the concrete, and the section E of the drawing 700-3 shows the roc at ± 240 . The section E of the drawing 704 shows a transition at 240.5 when, as per the borehole, the roc is higher. Can you please confirm the roc elevation?
Answer 4:	<p>Rock shown on drawing is assumed bedrock based various data. Rock will be at a different elevation and will have a rougher profile than shown in the drawings. Payment for excavation, rock excavation and concrete demolition account for this uncertainty and include payment by meter cube as per specifications.</p> <p>Le niveau de roc montré aux dessins est un niveau de roc présumé. Le roc sera à une élévation différente et aura un profil plus rough que montré aux dessins. Le paiement pour excavation de roc et pour bétonnage tient compte de cette réalité et inclus un paiement unitaire au m3 selon les définitions du devis et les clauses de paiement.</p>

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Question 5:	There are Riprap protection zone indicated on drawing 703, near the bridge and the camping, but there are no details. Can we have the detail of those riprap please?
Answer 5:	There is no work planned in these zones at this stage. These zones are left on drawing 703 for environmental permit purposes.

Question 6:	On drawing 703, there is a specified date for the phase 2, from January 2021 to December 2021. The schedule being really tight for the cofferdam to be built before March 15, is it possible to start the cofferdam parallel to the river flow in phase 1?
Answer 6:	<p>Yes. Cofferdam work on cofferdam can start after October 26th 2020. However contractor is to coordinate cofferdam work with river flow and closures required for void treatment and sluice lowering.</p> <p>The maximum allowable closures are as follow:</p> <p>October-November: maximum of 5 high sill sluices (sluices # 1, 8-12) or 2 low sill sluices (sluices # 2-7).</p> <p>December-January, until lowered sill sluices are available for discharge capacity: maximum closure of 3 high sill sluices (sluices # 1, 8-12) or 1 low sill sluices (sluices # 2-7).</p> <p>For phase 3, work on cofferdam can start after October 25th 2021. All 5 bypass sluices (8 to 12) must remain operational until the 6 newly constructed sluices are available.</p>

Question 7:	Can the submittal review time be lowered to ten (10) working days (ref. Section 01 33 00 Page 3 of 8)?
Answer 7:	<p>Remove Division 01 33 00, paragraph 1.6.4 and replace with: "Allow <u>ten (10)</u> working days for Departmental Representative's review of each submission. Allow for <u>15 working days</u> for plans under paragraph 1.6.22 for <u>Departmental Representative's review</u>"</p> <p>Remove Division Division 01 33 00, paragraph 1.4.1. and replace with: "Submit to Departmental Representative submittals listed for review. Submit promptly and in orderly sequence to not cause delay in Work. Failure to submit in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension by reason of such default will be allowed. A minimum of up to <u>10</u> working days should be allowed for document review by the Departmental Representative.</p>

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	<u>Account for 15 days for plans under paragraph 1.6.22 for document review by the Departmental Representative”</u>
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Question 8:	<p>1) For Phase 1 localized demolition, the contractor requests to change the demolition specification to allow for:</p> <p>The demolition equipment and methods shall be adapted, suited to the work executed and specified in the demolition method statement. These may include equipment mounted hydraulic breakers (max 100 kg breaker-working flange weight with a maximum energy of 330 joules), handheld pneumatic breakers, handheld pneumatic or electric breakers (7 kg), diamond wire cutting equipment, expansion grout and mortar and hydraulic splitters.</p>
Answer 8:	No, the state of the concrete of the piers does not allow for 100 kg breakers. Diamond wire cutting equipment can be used. Expansion grout and mortar and hydraulic splitters can be utilized on the sill if piers are isolated from the expansive effect.

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	Please consider the following changes
	<p>Section 31 32 56 – foundation grouting. Remove section number in heading and replace with “SECTION 31 32 <u>56</u>”</p> <p>Section 31 32 19.2 -geotextiles Remove paragraph 1.2.4 and replace with “Section 31 37 <u>00</u> - Rip-rap”</p> <p>Section 32 01 90.33 - tree and shrub preservation Remove paragraph 2.1.6 and replace with: “.6 Filter Cloth: .1 Type 1: 100 % non-woven needle punched polyester, 2.75 mm thick, 240 g/m²mass. .2 Type 2: biodegradable burlap.”</p> <p>Section 32 92 20 - Hydraulic and blower truck seeding Remove paragraph 2.1.2.2.5 and replace with: “.5 Aster novae-angliae (New England Aster) <u>3%</u>”</p> <p>Section 32 92 23 sodding Remove paragraph 1.5.2.2 and replace with: “.2 Submit 2 copies of WHMIS MSDS in accordance with Section 01 35 43- Environmental Procedures and <u>01 35 29.06</u>- Health and Safety Requirements.”</p> <p>Section 32 92 23 sodding Remove paragraph 3.8.3 and replace with: “.3 Areas sodded <u>in fall will be accepted in following</u> spring one month after start of growing season provided acceptance conditions are fulfilled.”</p> <p>Section 32 92 23 sodding Remove 3.8.5</p>