

PSPC
Trent Severn Waterway Central – Burleigh Falls

ADDENDUM N° 12

Question 85a:	Will PWGSC be issuing a revised "Bid and Acceptance Form" with a revised Unit Price Table deleting Item No. 4, as per Addendum 2, for bidder to include in their proposal?
Answer 85a:	Yes a form with changes to item 3, 4 and 20 was issued.
Question 86:	Can PWGSC provide more detail in what is to be included in Unit Price Item 41, Dewatering Standby Rate? For instance, if the Owner requires the contractor to go on standby in Phase 2 while installing/removing the cofferdams, will we be paid for both Unit Price Item 41 and 43?
Answer 86:	<p>Since the activities during dewatering and cofferdam installation are different from permanent works, items 41 applies for the period of cofferdam installation, removal and initial dewatering. The other item apply to the permanent work. Contractor will not be paid simultaneously both rate in the case they are doing both permanent work and dewatering works.</p> <p>This item aims to cover work stoppage specifically requested in writing by the departmental representative that are not due to the contractor deficient planning or execution. It could cover work stoppage due to stakeholder requests, stoppage to face particularly large floods not manageable through the proposed phasing requiring emergency operations and flooding or any other delays not caused by the contractor deficient planning or execution.</p> <p>These rates <u>will not</u> apply to any stoppage of in-water work due to fishery spawning window of March 15 to June 30th.</p>

Question 88:	Can you confirm that appendix 2,3, and 4 must be included in envelope No.2- Price along with appendix 1.
Answer 88:	Yes

Question 89:	Can you provide graphs showing fluctuation throughout the full year of flows in m3/s that go through the site?
Answer 89:	This information is not available. Information on level and flow constraints was provided in a previous addenda.

Question 94:	Can owner advise of any restrictions in relation to dam demolition, after the new dam construction, in relation to equipment / labour usage and execution methodology (other than those already identified within the tender documentation)?
Answer:	There are no other restrictions, demolition must maintain integrity of the remaining structures and comply with environmental requirements.

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Question 98:	Within the tender specifications document, section 03 10 00 entitled concrete forming and accessories, item 2.1.1.1 formwork is specified to be a high grade, sanded plywood where there is no special architectural features. Tender specifications document, section 03 35 00 entitled concrete finishing, item 3.2.1.2 requires proponents to use plywood formwork finish as a general note, with a few exceptions further detailed such as the water passage. Please advise which type of finish and/or plywood would be requested by Parcs Canada, and if there are any limitations (under water / above water, etc.).
Answer:	Please refer to 03 35 00 for concrete finishing rather than 03 10 00. Please note that finishing tolerance are described on drawing and in the specifications.

Question 99:	Proponent notes the excavation limits adjacent to the North Gravity Dam, Main Dam and South Gravity Dam as indicated within drawing 700 sheets 1 to 3. Please advise on the backfill limits, ie. Is there any backfill required? Is the intent to backfill back to original ground? Or another elevation? Please advise on the type and specifications of the backfill to be used for backfill (if required).
Answer:	The in-water excavation limit do not need to be backfilled at this stage. On land excavation is to be backfilled as per drawing 704. Based on actual site condition there is a possibility that backfill be requested with either filler concrete or rip-rap paid at the appropriate unit price.

Question 100:	Due to the narrow width of the Existing South Gravity Dam, as well as the close proximity of the temporary slope inside the construction area, downstream of the existing structure: Can rockfill (or other material types) be used adjacent to the structure, on the upstream side, for temporary access. Understanding that the in-water work restrictions apply.
Answer:	An upstream causeway could be considered if the footprint is offset by a reduction of in-water footprint elsewhere. Change in footprint would be evaluated as value-added-proposal after mandate award, in collaboration with authorities having jurisdiction for in-water-work.

Question 101:	Please advise on the in-water footprint limits of the permit for Phase 1 of the project. Is the contractor allowed to construct a causeway (similar to Phase 3) during Phase 1 to access the southern portion of the existing dam.
Answer:	It is unlikely that this change would be approved for phase 1 due to time from authorities having jurisdiction as well as interference with discharge requirements in phase 2. However, change in footprint would be evaluated as value-added-proposal

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	after mandate award, in collaboration with authorities having jurisdiction for in-water-work.
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Question 106:	<i>The contract specifications state that it is up to the contractor to negotiate a land access and lease agreement with the Owner of the Lovesick Campground in order to gain access to the proposed south access causeway. During such a short tendering period it is hard for contractors to negotiate these types of deals with private landowners. There is also the possibility that the Owner of the Lovesick Campground will not grant us access to the property at all. Because of this, for bidding purposes, can PWGSC please provide a contingency allowance value that all bidders can include in their price to cover the unknown cost of a land access and lease agreement?</i>
Answer:	The tendering period for this project has been approximately 2 months, in which the bidder's will have had sufficient time to contact the owner of the Lovesick Lake Campground. The owner, Steve Purves, has previously indicated they are open to an agreement with the successful bidder, and can be reached at 416-417-0848.

Question 107	<p>In section 1.2-experience of key personnel in page 24/31 (in the French version) it is stipulated that the organigram should present the names of team members, back-up personnel and their roles for preconstruction and realisation phases.</p> <p>What is intended by back-up personnel: -temporary back-up for time off and vacations -permanent back-up when the key personnel must leave the project.</p>
Answer	<p>Bidders should identify all proposed personnel as required to deliver the project. Backup personnel to demonstrate the bidder has the capacity provide to deliver the project throughout the duration of the construction.</p> <p>The project team members submitted for evaluation during the RFP process shall not be substituted without the written consent of the Departmental Representative (DR). In the event of proposed substitution after contract award, the successful bidder must propose Key Personnel with equivalent experience as described in Team Identification and Qualification.</p>

Question 108	<p>The organigram must illustrate contractual and hierarchical links with SPAC, the Consultant, client and main external stakeholders.</p> <p>Can you clarify this request and provide an example?</p>
Answer	Bidders are to demonstrate an understanding of their reporting and contractual responsibilities, as set out in the specifications. No example to be provided.

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Question 109	Number 200 Sheet 1 of 1, Detail 3. What is the required free length for each anchor type? In addition, what does the “seal length” represent; we have not seen this terminology in the past.
Answer	The free length will vary from a pier to another based on the rock elevation. The total free length for each anchors shall be determined based on the borehole depth and seal length. Seal length is the portion of the threaded anchor rod that is embedded directly in grout (i.e. not wrapped in the PVC sleeve) at the base of the borehole.

Question 110	Drawing Number 200 Sheet 1 of 1, Detail 2 and Section E identify a circular HSS Ø 114 x 9.5. Please provide the required strength or grade of steel that is required for the HSS.
Answer	CSA G40.21, Grade 350W

Question 111	Drawing Number 200 Sheet 1 of 1, Detail 2 and Section E identify a circular HSS Ø 114 x 9.5. Can schedule 40 pvc be utilized instead of a HSS?
Answer	No

Question 112	Drawing Number 200 Sheet 1 of 1, Section A. Does the void filling treatment need to be completed prior to rock anchor installation?
Answer	Rock anchor installation must be performed before void treatment, please refer to construction phases on drawing number 003.

Question 113	Specification Section 05 05 20 Rock Anchors, Paragraph 1.7.3 identifies that the Contractor is to use a third party laboratory to measure and record the tension testing, and that the third party laboratory will submit the tension test reports. If the tension testing will be performed in the presence of the Departmental Representative, why is a third party laboratory required for the tension testing? This will add unnecessary additional costs to the price for the rock anchors.
Answer	The Departmental Representative will be present only to witness the test. The third party laboratory’s role is to take measurements at the anchor head during testing and to validate and certify that the criteria specified under specification section 05 05 20, article 3.4, are met prior to locking off the anchors.

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Question 114	Specification Section 05 05 20 Rock Anchors. Please provide the requirements for the anchor grout (i.e. type of cement, required strength, mix design, QC testing requirements, etc.).
Answer	Please refer to specifications section 03 30 00 – Cast in place and precast concrete for shrinkage compensating grout mixture (article 2.1.10).

Question 115	Could you please tell us where we may find if there are any penalties for delays?
Answer	There is no clause included for delay penalties.