



District of Invermere

914 8<sup>th</sup> Ave PO Box 339  
Invermere, BC V0A 1K0

## **ADDENDUM 03**

**Date:** February 24th, 2026.  
**Title:** Paddy Ryan Middle Dam Upgrade  
Reference: 7547004  
BC Bid Opportunity ID: 224699  
Contact: Angela MacLean, Director of Public Works  
dpwo@invermere.net

*This Addendum is issued prior to Tender Closing, in accordance with the Tender Documents and shall be considered an integral part of the Contract Documents, read together with the Drawings, Specifications and Addenda previously issued and with all subsequent Addenda.*

### **1. CONTRACTOR QUESTIONS**

**Question 1:** Could you please confirm whether the DFO permit has been obtained, and if so, provide a copy to ensure all permit requirements are clearly understood?

**Answer 1:** The DFO permit has not been obtained yet. However, the following requirements are anticipated to satisfy the fisheries requirements:

- Retain a qualified environmental professional to conduct environmental monitoring during all project works, undertakings, and activities that may result in potential adverse effects to fish and fish habitat, including project activities below the high water mark.
- Conduct works during favourable weather conditions with minimal precipitation.
  - When conducting works, undertakings, and activities in the dry or in isolation of flows: Implement the applicable measures from DFO's [Interim standard: in-water site isolation](#) and DFO's [Interim code of practice: End-of-pipe fish protection screens for small water intakes in freshwater](#).
  - Retain an appropriately qualified professional to conduct a fish salvage(s) prior to dewatering to ensure no fish are present in the isolated area.
  - Dewater the isolation area gradually to reduce the potential for stranding fish.
  - Monitor for and maintain an appropriate depth and flow (i.e., base flow) for the protection of fish and fish habitat, both upstream and downstream of the isolated work area.
  - In the event that the isolation is breached, stop work and repeat fish salvage efforts, as needed.



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- Construction works, undertakings, and activities are not to result in the trapping or stranding of fish (e.g., in open excavations, etc.). Any excavations or materials (e.g., riprap, stream substrates, etc.) placed below the high water mark should be sloped appropriately and graded smooth to prevent benches and reduce the risk of trapping or stranding fish upon the re-establishment of flows.
  - Increased caution is required when handling fish above water temperatures of 16°C, as these sublethal temperatures are likely to increase stress and can reduce survival and impair later juvenile fish development. Wherever possible, fish should be salvaged and relocated when temperatures and overhead sun impacts can be reduced (e.g., in the early morning or evening).
  - Minimize excessive handling. Avoid holding fish for more than 15 minutes in optimal holding conditions (e.g., shaded containers with favourable water quality). Release fish in areas with suitable water quality, depth, flow, shade for refuge, and in areas without exposure to high-velocity currents.
  - Employ measures to safely disperse fish from work areas (e.g., tapping the surface of the water, sweeping the site with a pole seine, etc.) prior to site isolation to reduce the number of fish to be salvaged.
- Limit riparian vegetation removal and/or disturbance to the minimum amount required to conduct the works, undertakings, or activities.
- Avoid grubbing of riparian vegetation within temporary disturbances to enable quick recovery and ongoing soil stabilization.
- Limit the duration of works below the high water mark so that it does not diminish the ability for fish to carry out one or more of their life processes (spawning, rearing, feeding, migrating).
- End dumping of rock is not permitted. Riprap should be carefully placed (e.g., by thumb and bucket).
- Develop and implement an erosion and sediment control plan to avoid and minimize the introduction of sediments (e.g., silts, clays, soil, and sand) into fish habitat or in areas where the material will enter fish habitat.
- Use only clean, non-acid and non-metal leaching rock below the high water mark and where riprap placement is required.
- All construction and excavation materials, temporary or otherwise, are to be stored and/or stockpiled upland in a manner that prevents the materials from entering fish habitat.
- Stabilize disturbed areas, including the bank and riparian areas, in a manner that will prevent sediment from inadvertently entering fish habitat.
- Restore the bed and banks, gradient, and contour of the waterbody affected by the project. Modified sections of the watercourse should match existing conditions upstream and downstream of the site.
- Develop and implement a spill response plan to minimize the risk of a deposit of deleterious substances into fish habitat.



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**Question 2:** Please confirm the following:

1. Whether the slabs and wing walls are intended to be monolithic or poured in separate lifts.
2. Type of ties permitted for the wing walls, if any.
3. Are ties permitted drill and fixed through culvert, with patching completed post stripping.

**Answer 2:**

1. All construction joints and details shall be reviewed and approved by the engineer of record (EOR) prior to construction. Slabs and wing walls may be poured monolithically or in multiple pours, provided that the joint locations are reviewed and approved by the EOR.
2. Selected ties must be detailed such that any remaining components are recessed min 38mm below face of concrete after patching.
3. Yes, with the same requirement as above.

**Question 3:** The roadway has a spec for UX1100 grid, which is not typical. Typical roadway would be RX1100, please advise. The UX1100 comes in very small rolls and it quite expensive. Can RX1100 geogrid be installed in place of UX1100?

**Answer 3:** RX1100 geogrid is biaxial and is primarily used for subgrade reinforcement and stabilization in roadways. UX1100 is uniaxial and is typically used for retaining walls and reinforced slopes. The purpose of the UX1100 in this design is to provide stability for the L-shaped precast sections, installed perpendicular to the wall face.

RX1100 is biaxial geogrid and provides reinforcement in two directions hence, RX1100 would be an acceptable replacement, but it is not necessary.

The contractor may install RX1100 in place of UX1100.

**All other terms, conditions, and requirements of the ITT remain unchanged.**

**The Tenderer must acknowledge receipt of Addendum No. 03 in their submission.**