

Issue Date: October 9th, 2024
From: Michelle Blattner, Supervisor, Infrastructure Projects
RE: WWTP Primary Building Roof Replacement – Contractor Site Visit
Location: 1135 Cheakamus Lake Road, Whistler, BC, V0N 1B1
Site Visit Date & Time: October 29th, 2024, 11:00 am

Expression of Interest:

The Resort Municipality of Whistler (RMOW) is requesting expressions of interest to attend a site visit at the Wastewater Treatment Plant (WWTP) on October 29th, 2024, with regards to the replacement and repair of the WWTP’s Primary Building roof.

The Primary Building is a two-story building that houses four primary sedimentation tanks (PSTs) and other equipment supporting the WWTP process. It was originally constructed in 1986 and expanded in 1998. The existing roof consists of five different areas, totalling 10,800 sf. The table below describes the five roof assemblies with the proposed new roof.

Roof Area	Approximate Area (SF)	Existing Roof Assembly	Proposed New Roof Assembly
1	970	Conventional roof membrane assembly with a 2-ply modified bitumen (believed to be SBS)	A new 2-ply SBS-modified conventional roof membrane assembly with cricket. Overflow scuppers will be installed.
2	3,300	Gravel cover with a 2-ply modified bitumen (believed to be SBS)	A new 2-ply SBS-modified conventional roof membrane assembly with tapered insulation and crickets. Overflow scuppers and new skylights will be installed.
3	570	Concrete pavers with insulation over a 2-ply modified asphalt modified bitumen (believed to be SBS). The perimeter of the roof is enclosed by painted CMU walls.	A new inverted 2-ply SBS modified asphalt roof assembly over the concrete deck. The concrete pavers can be re-used. A new drainage mat and extruded polystyrene insulation will be required. The existing CMU (perimeter parapet) will be covered with a high-temperature self-adhered membrane.
4	1,155	Exposed concrete.	Install a pedestrian traffic deck membrane.
5	4,800	Precast concrete hollow-core slabs. Joints between the panels are parged and/or caulked.	Remove all joint material. Preplace with backer rod & re-caulk all joints and lifting holes.

WSP Canda Inc. is the project’s design consultant and contract administrator. In May 2023, WSP retained Astech Consultants Ltd. to conduct a pre-project hazardous building materials survey. The results of the report found:

- No asbestos material

- Less than (<) 9 parts per million (PPM) of lead on concrete block walls
- No PCBs
- No mercury
- No chemicals or other hazardous materials to impacted by the project.

The RMOW intends to post the complete tender package for pricing in January 2025. The purpose of this site visit is to notify contractors of the upcoming project and enable them to visit the site before the winter season begins.

Any contractors or suppliers interested in attending the site visit should email Michelle Blattner at mblattner@whistler.ca and Tim Stubbins at Tim.Stubbins@wsp.com to confirm attendance. All attendees must wear safety shoes, high-visibility vests, and hard hats.