

RESORT MUNICIPALITY OF WHISTLER
REFERENCE NO. E-40103
PRIMARY SEDIMENTATION TANK UPGRADES

ADDENDUM No. 4

Issued February 04, 2025

To all contractors bidding on the Resort Municipality of Whistler's PST upgrade at the Wastewater Treatment Plant.

Please review the following information before submitting your tender on this project. This Addendum forms part of the contract documents and is to be incorporated into these documents. The technical specifications and drawings are to be amended to include the following:

Item: Primary Sedimentation Tank Equipment 46 43 11 Section 2.4.10 - 2.4.17

REMOVE:

2.4 Motors and Drives

- .10 Furnish torque overload devices and visual torque indicator gauges.

REPLACE WITH:

2.4 Motors and Drives

- .10 Furnish torque overload devices and visual torque indicator gauges.
 - a. Motor power monitors with local indication can be accepted as an alternative to torque transducers providing all requirements of this section are met, including matching alarm and motor cutout setpoints.

Item: Primary Sedimentation Tank 43 46 11 Section 2.8.2.c

REMOVE:

2.8 Chain and Flight

- .2 Non-Metallic Chains:
 - c. Non-metallic chains shall be fabricated using Nylon-6, Nylon-66, or isophthalic polyester resin with maximum water absorption of 2% by weight.

REPLACE WITH:

2.8 Chain and Flight

- .2 Non-Metallic Chains:
 - c. Non-metallic chains shall be fabricated using Nylon-6, Nylon-66, or isophthalic polyester resin with maximum water absorption of 5% by weight.

RESORT MUNICIPALITY OF WHISTLER
REFERENCE NO. E-40103
PRIMARY SEDIMENTATION TANK UPGRADES

Item: Primary Sedimentation Tank 43 46 11 Section 2.8.4.d

REMOVE:

- .4 Wear Shoes:
- d. Wear shoe minimum thickness to be 50 mm.

REPLACE WITH:

- .4 Wear Shoes:
- d. Wear shoe minimum thickness to be 13 mm.

Item: Question and Answer

4.1 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.1.6

Says that the motors and gear reducers shall be mounted to existing housekeeping pads. Can you confirm that new drive unit stands are not needed?

Answer: The concrete pads shall be re-used. Stands for the drive packages must be used to raise the units above the pads for ease of servicing. The existing stands can be reused and refurbished as required.

4.2 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.4.10-2.4.17

I am not sure what you need for the visual torque indicator gauge. Can you be more specific on what you want and maybe provide a brand name of the torque indicator gauge that you want? I checked with SEW Eurodrive and they sent me the attached which they can provide. Let me know if this is acceptable?

Answer: Electronic motor power monitors were previously disallowed in Addendum No. 02 Answer 2.11. However in light of multiple requests we are overturning this decision under the following condition.

Electric motor power monitors may be provided in lieu of torque transducers provided the alarm and motor cutout setpoints can be matched. The specification has been updated earlier in this addendum.

4.3 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.8.2c

Can you change the maximum water absorption of 2% by weight to 4.53% average water absorption. This is the current chain that is in the plant.

RESORT MUNICIPALITY OF WHISTLER
REFERENCE NO. E-40103
PRIMARY SEDIMENTATION TANK UPGRADES

Answer: The specification section has been updated earlier in this addendum. A 5% absorption is permissible providing the material is selected from one of the approved resins, and the specified working loads and ultimate strengths are maintained.

4.4 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.8.2.4.d

Standard wear shoe thickness is 0.5" (12.7mm) can the spec be changed to reflect the standard wear shoe thickness?

Answer: Wear shoe thickness has been updated earlier in this addendum and shall match the wear strip minimum thickness of 13 mm.

4.5 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.11.2.a

For the spare drive sprocket are you looking for supply the complete sprocket (sprocket rim and hub) or just the sprocket rim?

Answer: The complete drive sprocket shall be provided as a spare.

4.6 Question: 46 43 11 Primary Sedimentation Tank Equipment 2.11.3.a

For the trough bearing replacement are you looking for us to supply the complete scum trough wall bearing (stainless steel wall bearing, wall plate and UHMW insert) or just the UHMW inserts?

Answer: Spare trough bearing replacement shall include wear parts that are replaceable without remounting of the wall plates. Spare UHMW inserts shall satisfy this requirement.

4.7 Question: Drawings M-101 to M-202.

For Tanks 1 and 2 are the Drive Sprocket (Shear Pin Sprocket) being replaced or reused. One drawing show it being replaced and another shows it being reused

Answer: New drive (shear pin) sprockets shall be provided for all drive packages in PST-1 and PST-2, including those shown in M-101, M-102, M,201, M-202. The Contractor shall ensure new drive sprockets mate between the drive packages and existing drive chains in PST-1 and PST-2.

RESORT MUNICIPALITY OF WHISTLER
REFERENCE NO. E-40103
PRIMARY SEDIMENTATION TANK UPGRADES

All tenderers shall submit this signed Addendum with their tender. Tenders submitted without this Addendum may be considered incomplete.

Tenderer

Signature

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