

Tender No. []

1.0 GENERAL

1.1 SUBMITTALS

- .1 Submit copies of permits or licenses for off-Site disposal of materials, equipment, and debris.

1.2 WORK SEQUENCING

- .1 Commence demolition or salvage work only after [the operation of the canal system has ended] [the new [] structures have been completed], as specified in Section 01110 – Summary of Work.
- .2 Sequence demolition of the existing barbed wire fencing and construction of the new fencing such that existing fenced areas are enclosed at all times.

1.3 RECYCLABLE MATERIALS

- .1 Unless specified otherwise in this section, all equipment and materials indicated or specified to be permanently removed from the Site become the property of the Contractor. Maximize the recycling of such equipment and materials, consistent with proper economy and expeditious performance of the Work.

2.0 PRODUCTS – NOT USED

3.0 EXECUTION

3.1 GENERAL

- .1 Prior to commencing demolition or salvage, inspect the Site and verify with the Minister items designated for demolition, salvage, and removal.
- .2 Locate and protect existing utility lines, survey reference points, instrumentation and other facilities that are to remain in place before commencing the Work.
- .3 If any Utility service lines are connected to the items to be demolished or salvaged, confirm with the Utility that the service lines are not in operation, or make arrangements with the Utility to shut down the service lines.
- .4 Conform with Regulatory Requirements, including safety requirements established by the Occupational Health and Safety Act (Alberta).
- .5 At the end of each shift, leave the work in a safe and stable condition, so that no part of it is in danger of toppling, falling or sliding.
- .6 Do not use blasting to perform demolition work.
- .7 Demolish and remove the existing [structures,] [equipment,] [barbed wire fencing,] [chain link fencing] when and as specified in the Contract Documents.

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- .8 Remove oil, fuel, and other fluids from equipment prior to demolition or salvage.
- .9 Perform work in a manner that prevents the loss or damage of materials specified for salvage. Repair or replace damaged materials as required by the Minister.

3.2 EXCAVATION AND BACKFILL

- .1 Provide excavations of sufficient width and depth to permit demolition and salvage, and subsequent placement of fill materials as specified in the Contract Documents.
- .2 Perform excavations in accordance with [Section 02315 – Excavation] [Section 02316 – Excavation [Canal], and backfill in accordance with Section 02331 - Fill Placement.

3.3 DEMOLITION AND REMOVAL OF STRUCTURES

- .1 Demolish and remove the following existing structures:

Existing Structure	Approximate Station

3.4 MATERIALS SALVAGED BY THE CONTRACTOR AND RETAINED BY THE MINISTER

- .1 Salvage for the Minister’s future use and remove the following structures to the specified storage area.

Existing Structure	Approximate Station

- .2 Salvage for the Minister’s future use the following materials and remove to the specified storage area.
 - .1 Wire and posts from existing barbed wire fencing.
 - .2 Posts, except those encased in concrete, and wire fabric from existing chain link fencing.
 - .3 Existing slide gates from [].
 - .4 Existing corrugated steel pipe from [].
 - .5 Existing equipment including [].

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- .3 Neatly roll, bundle, or crate salvaged materials and store in an orderly fashion at the storage area specified in the Contract Documents. [Collect smaller items, such as bolts, in suitable containers and label the containers accordingly.] Provide raised platforms so that stored materials are not in direct contact with the ground.

3.5 SALVAGE OF RIPRAP

- .1 Excavate existing riprap from the sideslopes of the [], and place in stockpiles.
- .2 Sort, blend in deficient sizes, reload and place the riprap in the Work. Riprap gradation and placement is to conform to Section 02330 – Earthwork Materials and Section 02373 – Riprap and Riprap Bedding Placement.

3.6 DEMOLITION OF CONCRETE STRUCTURES

- .1 Demolish and remove the existing concrete structures as specified in the Contract Documents.
- .2 Demolish concrete into individual pieces with a maximum size of approximately [1 m³.]
- .3 Cut exposed reinforcing steel to within 25 mm of the concrete surface, and dispose of reinforcing steel off-Site.

3.7 DEMOLITION OF FENCING

- .1 Demolish existing [barbed wire fencing] [and chain link fencing] when and as specified in the Contract Documents.
- .2 Do not use salvaged material in the construction of the new [barbed wire fencing] [and chain link fencing] unless permitted elsewhere in the Contract Documents.

3.8 DISPOSAL

- .1 Remove [] and dispose of at [the specified waste disposal area] or [at an appropriate recycling facility], or [an appropriate off-Site waste disposal facility].
- .2 Bury [] in the specified waste disposal areas with a minimum cover of 1 m of mineral soil. Level and finish to a neat condition.

3.9 CLEAN-UP

- .1 Finish the demolition work areas to a leveled and neat condition.

END OF SECTION