# 1.0 GENERAL

### 1.1 GENERAL

- .1 Fish capture is required [location].
- .2 Fish capture is required prior to dewatering the [downstream portion of the canal] [ ].
- .3 Provide the services of a Qualified Aquatic Environmental Specialist (QAES) as defined in the Alberta Environment's Code of Practice for Watercourse Crossings to do the following:
  - .1 Determine the presence of fish.
  - .2 Develop a written Fish Capture and Release (FC&R) Management Plan outlining the following:
    - .1 Site preparations for FC&R.
    - .2 The locations of fish capture.
    - .3 The fish isolation methods.
    - .4 The locations for cofferdams, nets, and other capture structures.
    - .5 The locations for related equipment and set up.
    - .6 The water depths required for fish capture including drainage of draw-down methods.
    - .7 The fish capture, mobilization and release methods.
    - .8 The fish release location.
    - .9 The number of working days for fish capture activity.
    - .10 The pump intake screens in accordance with Regulatory Requirements including the Department of Fisheries and Oceans.
    - .11 The size and location of the ice-free pool for FC&R operations.
    - .12 The methods of protection of the fish during all operations of the FC&R.
  - .3 Obtain the Fish Research License from Alberta Sustainable Resource development.
  - .4 Obtain and follow policies with respect to fish capture and release including Alberta Fisheries Management Policy respecting injuries to fish
  - .5 Supervise the FC&R operation in accordance with the FC&R Management Plan, including on-site supervision for the capture and release activities.
  - .6 Record fish capture and release activities and results and submit to the Minister.

### Tender No. [ ]

.7 The Contractor shall have the option of obtaining the services of the Minister's QAES to perform the capture, salvage and release Work, provided the QAES is not a direct employee of the Minister's Assistants. The name and contact information of the Minister's QAES will be provided by the Minister's Assistants upon request.

### 1.2 **REFERENCES**

- .1 Provide fish capture and release in accordance with the following standards (latest revision) except where specified otherwise.
- .2 Water Act [Definition of QAES].
- .3 Alberta Fisheries Management Policy [re: injuries to fish].
- .4 [Policies regarding fish capture and release.]

### 1.3 SUBMITTALS

- .1 Provide the following submittals.
- .2 FC&R Management Plan as outlined in clause 1.1.3.2, 7 days prior to commencement of FC&R activities.
- .3 Field activity and results records and an additional copy as required by the Fish Research Licence upon completion of the FC&R activities.

#### 1.4 PAYMENT

- .1 Fish capture and release will be valued in accordance with Section 00725 General Conditions, clause 8.3 Valuation of Changes in the Work.
- 2.0 PRODUCTS NOT USED
- 3.0 EXECUTION NOT USED

## END OF SECTION