

## 1 - GENERAL

### 1.01 DESCRIPTION

- .1 This section specifies requirements for demolishing and removing wholly or in part various items designated to be removed or partially removed at the North Head Old Ferry Wharf.

### 1.02 Measurement For Payment

- .2 Demolition and Removal will be paid for as a Lump Sum price and will consist of, but not necessarily be limited to, the following:
- .1 Supply of Departmental Representative's site office.
  - .2 Relocation of the existing winch from the Spur Wharf to the Old Ferry Wharf. Exact location to be approved by the Departmental Representative.
  - .3 Relocation of an existing water pump from the Spur Wharf to the Old Ferry Wharf and Extension of a 3" water intake line to the location shown on the drawings, or as specified by the Departmental Representative.
  - .4 Demolition and complete removal of the existing spur wharf structure that lies adjacent to the Old Ferry Wharf.
  - .5 Dismantling and removal of the Old Ferry boarding facility, (the structural steel ramp, lifting towers, overhead frame assembly, machinery and machinery housing.)
  - .6 Demolition and removal of the timber cribwork structure supporting the steel lifting towers.
  - .7 Demolition and Removal of the existing storage shed located on the Old Ferry
  - .8 Removal and disposal of the overhead service lines providing electrical power to the shed and outer end of the Old Ferry Wharf, Wharf Structure.
  - .9 Removal and disposal of service lines exposed when the existing deck is removed.
  - .10 Partial demolition and removal of the asphalt topping and laminated timber decking from the outer two cribwork sections of the Old Ferry Wharf Structure.
  - .11 Partial demolition and removal of concrete fender support walls along the North face of the Old Ferry Wharf Structure.
  - .12 Removal and disposal of the existing timber handrail and posts and deteriorated sections of the existing timber curbs along the cribwork structure adjacent to the existing steel ramp.
  - .13 Removal and disposal of the existing timber curb, chocks, coping timber below the curb and timber filler pieces below the coping timbers along the outer two cribwork sections of the Old Ferry Wharf Structure.
- .3 Mobilization and Demobilization to both sites of all equipment necessary to make work progress for the entire contract to be paid for as a Lump Sum price.

### 1.03 GENERAL REQUIREMENTS

- .1 A Notice to Shipping is to be issued prior to commencement and upon completion of work.

- .2 During construction, any vessels or barges utilized must be marked in accordance with the provisions of the Canada Shipping Act Collision Regulations.
- .3 Upon completion of the project, a written Notice to Mariners must be issued.

#### 1.04 PROTECTION

- .1 Protect existing objects designated to remain. In event of damage, immediately replace or make repairs to approval of and at no additional cost to Canada.
- .2 Remove all floating debris from water on a routine and timely basis.

## 2 - PRODUCTS

NOT APPLICABLE

## 3 - EXECUTION

### 3.01 EXECUTION

- .1 Inspect site and verify with Departmental Representative objects designated for removal.
- .2 Locate and protect utility lines. Preserve in operating condition active utilities traversing site.

### 3.02 REMOVAL

- .1 Remove in their entirety all materials and objects specified for removal.
- .2 Do not disturb adjacent work designated to remain in place.

### 3.03 EXISTING STRUCTURES

- .1 Spur Wharf Structure
  - .1 The Spur Wharf structure to be demolished is in an advanced state of deterioration and is not considered safe for use as a working platform.
  - .2 Old Ferry Wharf Structure
    - .1 The Old Ferry Wharf Structure is also in a deteriorated state and has limited capacity.
    - .2 The existing deck on the Old Ferry Wharf structure is comprised of asphalt Surfacing placed over laminated timber decking which spans over the top crossties in the cribwork structure.

- .3 The existing deck structure was no designed to accommodate surcharge loading that could result from heavy equipment operation or storage of materials as may be required for possible construction operations that may be undertaken to execute the work. Furthermore, the existing decking along the section ramp is to remain.
- .4 Ensure that construction operations do not overload the existing structures.
- .5 If the contractor intends to operate equipment, machinery or load the Old Ferry Wharf structure in any manner, assessments of the structure with respect to the intended loading must be undertaken.
- .6 Assessments of the Old Ferry Wharf structure with respect to the intended loading must be undertaken by a qualified professional engineer, registered in the Province of New Brunswick.
- .7 Submit copies of such assessments to the Departmental Representative at least 4 weeks prior to beginning any work for his review and record. All assessment reports, drawings or other information provided shall be sealed and signed by the Professional Engineer responsible for the assessments.

### **3.04 DISPOSAL OF MATERIAL**

- .1 All demolished materials, except materials designated to be reused, will become property of contractor and will be removed from site and disposed of to satisfaction of Departmental Representative and in accordance with environmental guidelines. It is the sole responsibility of the contractor to dispose of all demolished materials at an approved disposal site. Ensure that disposal site is approved and willing to accommodate any materials disposed of from work site.
- .2 Contractor shall obtain and pay for all necessary permits and disposal fees for use of an approved waste disposal site.

### **3.05 RESTORATION**

- .1 Upon completion of work, remove debris, trim surfaces and leave work site in clean condition.
- .2 Reinstate areas and existing works outside areas of demolition to conditions that existed prior to commencement of work.

**END OF SECTION**