

## **PART 1 - GENERAL**

### **1.1 DESCRIPTION**

- .1 This section specifies requirements for demolishing and removing wholly or in part various items designated to be removed or partially removed.
- .2 Demolition and removal will consist of, but not necessarily be limited to, the following:
  - .1 To minimize disruption to the fish processing plant and vessel traffic, the demolition and new work shall be split up into two (2) separate phases. This will allow vessels to access the plant for offloading products and provide some berthage space during construction. Phase 1 will involve the construction of new finger pier wharf “B” as outlined on the drawings. This will include partial demolition of the existing finger pier wharf structures, #403(S) and #412(S), full demolition of structure #404(S), and partial demolition of the marginal wharf structure #411(S), as per the approximate limits indicated on the drawings. Electrical power to remain intact and active on all structures within the phase 2 area during phase 1 construction. Phase 1 construction shall include new electrical shed and active power to all fixtures prior to start of work on Phase 2 and subsequent disconnection of power for Phase 2. Upon full completion of Phase 1 work, construction can proceed on Phase 2. Phase 2 includes the construction of new finger pier wharf “A” as outlined on the drawings. This will include the remaining demolition of the existing finger pier structure #403(S) to the approximate limits indicated and a portion of the marginal wharf structure #407(S) as per the approximate limits indicated on the drawings. All other work not specifically identified within phase 1 or 2 shall be coordinated during construction with site users and approved by the Departmental Representative.
  - .2 Complete removal of existing finger pier #403(s) in its entirety, as shown on the drawings and as instructed herein. All cribwork, including any which may have settled into the harbour bottom, to be completely removed. Remove existing approach crib on structure #403, (located adjacent to marginal wharf #407(s)). The construction and configuration of the existing cribs in this area has not been confirmed on site. Whatsoever the makeup of these adjoining structures, the contractor is advised that the extents of the existing finger pier/marginal should be removed as necessary to facilitate construction of new backfilled laydown area with scour protection at the exposed shoreline, as shown on the drawings. Demolition of all structures should be terminated at a suitable, structurally sound location, approved by the Departmental Representative.
  - .3 Removal of existing finger pier #404(s) up to the connecting finger pier #412(s), as shown on the drawings and as instructed herein. All cribwork, including any which may have settled into the harbour bottom, to be completely removed.

**PART 1 – GENERAL**  
**(CONT'D)**

**1.1 DESCRIPTION**  
**(CONT'D)**

- .2 (cont'd)
  - .4 Complete removal of headblock span on wharf #412(s) and removal of the reinforced concrete deck, wheelguard, wheelguard blocking, ladders, cleat and cleat blocks, electrical pedestals, coping, and horizontal and vertical fenders from the two headblock cribs, as shown on the drawings.
  - .5 Complete removal of concrete scour mats along wharf #403(s) and #404(s), as shown on the drawings.
  - .6 Removal of the reinforced concrete deck, concrete slab on grade, wheelguard, wheelguard blocking, ladders, cleat and cleat blocks, electrical pedestals, coping, and horizontal and vertical fenders at new finger pier wharf A & B tie-in locations along existing marginal wharf #407(s) and #411(s), as shown on the drawings. Extent of demolition to be as per drawings.
  - .7 Salvage all identified type “A” cleats, and jib crane, as indicated on the drawings. All salvaged items shall remain property of the Owner and to be stored in a protected area until required for reinstallation or for pickup by Owner.
  - .8 Remove all electrical within the demolition limits indicated at each Phase of work. Salvage any existing equipment designated to remain or as directed by the Departmental Representative.
  - .9 Removal of existing asphalt to complete new work, as indicated on the drawings.
  - .10 Small section of deck removal on existing marginal wharf structures No. 407(s) and 405(s) for installation of new electrical pedestals No. 7 and 8, as per electrical drawings.
  - .11 In areas where the existing wharf, scour pads and material underneath is designated to be removed, the footprint of these structures for measurement purposes will be anything within 2 m (box cut) down to the finish grade depths as indicated. See drawing sheet C-18 for clarification of demolition area.

**1.2 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.

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**(CONT'D)**

**1.3 MEASUREMENT FOR PAYMENT**

- .1 Site Work Demolition and Removal: All items as specified herein including all plant and labour, will constitute a fixed price item for measurement purposes, as indicated in the Unit Price Table.
- .2 Include in this fixed price shall be all required excavating in areas where the existing wharf, scour pads and materials underneath is designated to be removed. The footprint of these structures for measurement purposes will be anything within 2 m (box cut) down to the finish grade depths as indicated. See drawing sheet C-18 for clarification of demolition area. Excavating depths and limits will be determined from a sounding survey performed by the PWGSC Survey Crew after excavation is completed by using electronic sounding and DGPS positioning equipment.
- .3 The Departmental Representative will verify that the contractor has performed excavation down to depth and specified limits indicated on the drawings using the procedure as described in Section 35 20 23 – Dredging, Clause 1.15.2.

**PART 2 - PRODUCTS**

N/A

**PART 3 - EXECUTION**

**3.1 EXECUTION**

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

**3.2 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 Remove in their entirety all cribwork designated for removal, including any cribwork that may have settled into the Harbour bottom.

**PART 3 – EXECUTION**  
**(CONT'D)**

**3.3 DISPOSAL OF MATERIAL**

- .1 All demolished materials, except materials designated to be salvaged for the Owner or reused on the project, will be property of Contractor and will be removed and disposed of as per regulatory approvals (Appendix A) and to the approval of the Departmental Representative.
- .2 Contractor to dispose of all demolished materials at an approved waste disposal site. Ensure that disposal site is approved and willing to accommodate any materials disposed of from work site.
- .3 Contractor shall obtain and pay for all necessary permits and disposal fees for use of an approved waste disposal site.
- .4 Excavated material from below water to be transported using watertight dump trucks to an approved waste disposal site. Excavation work to be completed in accordance with Section 35 20 23 – Dredging.

**3.4 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.