

## PART 1 - GENERAL

- 1.1 Related Sections
- .1 Section 01 10 10 General Instructions.
  - .2 Section 01 14 10 Scheduling and Management of Work.
  - .3 Section 01 35 44 Environmental Protection Procedures for Marine Work.
  - .4 Section 01 74 21 Waste Management and Disposal, Construction/Demolition.
  - .5 Section 05 50 00 Metal Fabrication.
  - .6 Section 31 23 10 Excavation and Backfill.
  - .7 Section 35 31 24 Rock Protection.
- 1.2 Description
- .1 This section specifies requirements for the removal and temporary storage of materials to be reused in the work or to remain the property of the owner, reinstatement of materials to be reused and the disposal of construction waste materials at approved disposal sites. The work includes:
    - .1 The removal, transportation, temporary storage and stockpiling of core stone and filter stone salvaged from the existing rock protection in the area of the new marginal wharf.
    - .2 The partial demolition and off-site removal of the edge of concrete and laminated timber deck of Structure 403 where the new concrete slab will overhang.
    - .3 The removal, transportation, temporary storage, and stockpiling of granular fills behind existing rock protection.
    - .4 The transportation, backfilling, compaction, and finish grading of salvaged granular fills behind new marginal wharf structure.
    - .5 The removal, transportation and disposal of any bedrock required to install new work to the lines and grades indicated.

- .6 The removal/reinstatement of all existing material as may be required to properly install the new work of this contract.

1.3 Salvage Items

- .1 The following materials are to remain the property of the Owner and are to be carefully removed from the existing work and stockpiled on site in area(s) designated by the Departmental Representative.
  - .1 Existing core stone on rock protected slope to limits indicated on plans. Remove and stockpile on site in area designated by Departmental Representative. Include the costs of this work under item 1.4.1 Construction/Demolition. Installation on slope of new work will be included in the Core Stone pay item.
  - .2 Existing filter stone on rock protected slope to limits indicated on plans. Remove and stockpile on site in area designated by Departmental Representative. Include the costs of this work under item 1.4.1 Construction/Demolition. Installation on slope of new work will be included in the Filter Stone pay item.
  - .3 Excess quantity of core stone or filter stone not reinstated by the Contractor in the work is to be placed at alternate location on site or stockpiled separately in area designated by the Departmental Representative.

1.4 Measurement Procedures .1

- Construction/Demolition: The costs associated with the handling of removal, temporary storage of materials to be reused, salvage of materials and reinstallation of the materials to be reused, including all labour, plant, transportation, equipment and necessary materials, will constitute a lump sum price, (LS), and will consist of, but not necessarily be limited to, the following:
- .1 All costs associated with mobilization and demobilization.
  - .2 Temporary services.
  - .3 The excavation, transportation and stockpiling of granular fill behind the rock protection and the transportation, backfilling and compaction of this material behind the new marginal wharf.
  - .4 All necessary excavation to complete work, not

- covered under other payment sections.
- .5 All necessary excavation of the harbour bottom to complete the work.
    - .1 Contractor to make arrangements to remove and dispose of any excess harbour bottom material removed to allow for the installation of the new work. This item will not be measured and will be considered incidental to the work of this section.
  - .6 Partial demolition and removal of the existing concrete and wood decking of Structure 403 as required to install the new concrete deck of the marginal wharf.
  - .7 The removal and disposal/recycling of the edge of existing asphalt pavement as required for construction of the new structure at the wharf approach.
  - .8 All demolition and removal as required for the construction of the structure.
  - .9 The removal of the harbour bottom materials that interfere with the new work and disposal in the containment cell located on site.
  - .10 The temporary removal, relocation and reinstallation of electrical services such as wires/cables/conduit/receptacle outlets, power poles and any other services to allow for new work.
  - .11 All work as per Environmental requirements.
  - .12 Snow/ice removal, if required, to allow access to, and work on site.
- .2 Temporary Facilities: There will not be any separate item for payment for the provision and maintenance of temporary office for the Departmental Representative, contractors on site office, equipment storage facility, portable toilets, etc. Include the cost for this work in the above item 1.4.1 Construction/Demolition for payment.
- .3 Barriers/Security Devices: There will not be any separate measurement for payment for the provision and maintenance of barriers and security devices. Include the cost for this work in the above item 1.4.1 Construction/Demolition.

PART 2 - PRODUCTS

NOT APPLICABLE

PART 3 - EXECUTION

3.1 Execution

.1 Inspect site and verify with Departmental Representative materials designated for removal.

3.2 Removal

.1 Remove in their entirety all materials specified for removal including all fastenings. Carefully remove materials designated to be reused, or to be salvaged and store or stockpile on site in areas designated by the Departmental Representative.

.2 Do not disturb adjacent work designated to remain in place.

3.3 Stockpiling

.1 Obtain the approval of the Department Representative for the use of a storage site for the material to be re-used in the work.

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 construction to conditions that existed prior to commencement of work.

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END OF SECTION

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