

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 Demolition, removal, and disposal of the existing wharf (steel pipe pile wharf), and all ancillary items (cleats, ladders, electrical, etc.), as noted on the drawings. Note that the wharf is limited in load carrying capacity and the Contractor will be responsible for having an engineering assessment completed to confirm safe moving loads should heavy equipment be planned atop the wharf. The engineering costs associated with this activity would be borne by the Contractor. Submit underwater diving video (at Contractor's expense) to the Departmental Representative following demolition activities, confirming all debris has been removed prior to new work. Investigate (using divers) the full length of the existing wharf to ensure the infrastructure to be removed is not in any way tied to the building structures that are to remain. In the event the wharf is tied to the adjacent building infrastructure, take measures to temporarily support the existing buildings prior to wharf demolition.
 - .2 Contractor responsible for removing all debris within the footprint of the infrastructure to be removed (as well as removal of any material settled below the bottom or collapsed outside the footprint of the existing infrastructure). An underwater diving video can be made available for the Contractor's review by contacting the Departmental Representative (an underwater diving report is attached to the

specifications as Appendix B).

.3 Temporary shoring measures to protect the existing building foundations and any other surrounding infrastructure during the Contractor's work activities.

1.2 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.

1.3 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 Place a floating boom around entire demolition site to prevent loss of any materials. If required by DFO Habitat, place a silt curtain around the work area and maintain throughout the period of construction.
- .3 Remove all floating debris from water on a routine and timely basis.

1.4 MEASUREMENT FOR
PAYMENT

- .1 No separate measure for payment shall be made for items under this section. Include costs for Sitework, Demolition and Removal in the lump sum price arrangement.

PART 2 - PRODUCTS

NOT APPLICABLE

PART 3 - EXECUTION

3.1 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.

3.2 REMOVAL

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

3.3 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 Provincial 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 Contractor is to collect three (3) creosote timber samples from timbers that were located below LNT. Contractor to contact BV Labs (formally Maxxam Analytics), at 49Elizabeth Avenue, Tel: 709-754-0203 to determine the sampling requirements. Samples to be tested for treated timber package (Cresols, Benzo(a) pyrene, PCP), TCLP leachate. Results of sampling to be presented to representatives of the provincially approved waste disposal facility at the time of disposal. Contractor is responsible for costs of sampling and testing.

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.