

ITEM 11202.8101xx M - REMOVAL OF EXISTING TIMBER FENDER SYSTEM
ITEM 11202.8102 M - TIMBER REMOVAL

DESCRIPTION

The work for Removal of Existing Timber Fender System shall consist of removing the entire existing timber fender system including all timber sheeting, piles, pile dolphins, wales, posts, scabs, braces, verticals, walkway planks, handrails, blocks, hardware, cable wrapping, tie rods and all other material within the limits shown on the Plans.

The work for Timber Removal shall consist of removing the deteriorated and damaged timber components on the existing timber fender system to remain, as indicated on the Plans or as ordered by the Engineer, for the purpose of replacing the deteriorated or damaged timber with new material.

MATERIALS

None Specified.

CONSTRUCTION DETAILS

The Contractor shall remove the entire timber fender system, or the damaged or deteriorated timber components from the existing fender system to remain, as indicated on the Plans. The timber piles of the fender system, including broken piles shall be completely removed so as not to pose a hazard to navigation or interfere with the installation of the new timber piles for the new fender system.

The Contractor shall only remove the damaged or deteriorated timber components from the portion of existing fender system to remain, as indicated on the plans or as ordered by the Engineer.

Anchor bolts which are embedded in concrete that are in good condition and can be reused for the repair of the existing fender system shall not be removed. The condition of the anchor bolts will be determined by the Engineer. Those anchor bolts removed by the Contractor and not approved by the Engineer for removal, shall be replaced at no expense to the State. The anchor bolts not to be reused shall be cut flush with the pier surfaces.

Marine growth affecting the installation of the new fender system or repairs of the existing fender system, shall be removed immediately prior to the installation of the new fender system to the satisfaction of the Engineer.

Existing timber fenders, piles, anchor bolts, tie rods, hardware and all other material removed shall become property of the Contractor and be removed from the site and disposed of as required by law.

The Contractor shall be required to repair any damaged areas caused by his removal operations at no expense to the State subject to the approval of the Engineer.

METHOD OF MEASUREMENT

Removal of Existing Timber Fender System. This work will be measured as a lump sum. serialized for each fender system, as shown on the plans.

Timber Removal. This work shall be measured as the number of cubic meters of timber removed from existing timber fenders designated to remain. This quantity shall be numerically equal to the quantity of new timber installed in the fender system(s) to remain, as shown on the plans or as ordered by the

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Engineer. New timber shall be measured in accordance with the requirements of Section 594-4 of the Standard Specifications.

BASIS OF PAYMENT

The lump sum price bid for Removal of Existing Fender System shall include the cost of all labor, materials and equipment necessary to complete the work.

The price bid for Timber Removal shall include the cost of all labor, materials and equipment necessary to complete the work. Installation of new timber shall be paid for separately.