
300 CLEARING, GRUBBING AND REMOVALS

301 Description

This item shall consist of clearing and grubbing all areas within the limits designated on the plans or as required by the engineer and removing all buildings and structures from the site as shown on Drawings or as directed by the engineer and as per Bill of Quantities. The work shall also include the disposal from the site, of all spoil materials resulting from clearing, grubbing and removals.

302 General

The areas denoted on the plans to be cleared and grubbed under this item shall be stacked on the ground by the engineer or and his staff. Clearing, grubbing and demolition shall be done sufficiently in advance of the earthworks and construction of permanent works in the designated area.

303 Disposal of Spoil

Spoil materials removed by clearing, grubbing and demolitions shall be disposed off by burning or by removal to approved disposal areas. Piles for burning shall be placed either in the cleared area near the center or in adjacent open spaces where no damage to trees, other vegetation, or other property will occur. The Contractor will be responsible for controlling fires and obtain the prior approval of the engineer before burning any piles of cleared materials so as to avoid interference or nuisance to aircraft operations. Ashes resulting from burning shall be removed and disposed to spoil areas unless otherwise approved by the engineer.

Waste concrete and masonry shall be disposed of in the areas indicated on the Drawings or as directed by the engineer. In no case shall discarded materials be left in piles adjacent to or within the site limits. The manner and location of disposal of materials shall be subject to the approval of the engineer and shall not create an unsightly or objectionable view.

All suitable materials from Clearing, Grubbing shall be stockpiled in designated area for reuse purpose as directed by the engineer.

The removal of existing utilities not under the jurisdiction of hospital or site premises which is required to permit orderly progress of work shall be accomplished by the relevant local agency unless otherwise shown on the Drawings. Whenever such power or telephone pole, pipeline, conduit, sewer, roadway, or other utility must be removed or relocated, the Contractor shall advise the engineer who will notify the proper local authority or owner and attempt to secure prompt action.

304 Clearing, Grubbing and Removals

In areas designated to be cleared and grubbed, all trees, stumps, down timber, logs, snags, brush, undergrowth, matted roots, hedges, heavy growth of grass or weeds, fences, debris, rubbish of any nature, natural obstructions and such material which in the opinion of the engineer is unsuitable for the foundation of required structures, shall be removed.

Rip rap or stone/ brick pitching designated for removal from channels shall be dismantled in a manner to salvage all stones/bricks. Stones/bricks from removal of rip rap or stone pitching shall be cleaned or washed and stacked in designated area for reuse in stone/brick lining/ pitching after cleaning and reshaping channel. No separate payment shall be made for cleaning of stone, bricks.

Dismantling for masonry and concrete works shall be treated as single work irrespective of strength and type of materials (brick or stone or plain cement concrete or reinforced cement concrete). Trash-rack structures designated for removal from drainage channels shall be dismantled in such a manner to salvage existing fencing or other reusable materials.

Buildings, structures, foundations, wells, septic tanks, cesspools, and all like in-ground or above grade structures shall be fully demolished within earthworks grading areas. Notwithstanding the above, the roofs of all septic tanks, manholes, etc. shall be removed so that all voids within such structures can be backfilled with approved fill material. Broken concrete, concrete blocks, or other objectionable spoil material which cannot be used in backfill shall be disposed of in designated areas. Such areas will be designated on the construction site in locations not in conflict with future developments.

All holes remaining after the clearing, grubbing and removal operation in embankment areas shall have the sides broken down to flatten out the slopes and shall be filled with acceptable material moistened and properly compacted in layers to the density required in these specifications. The same construction procedure shall be applied to all holes remaining after the clearing, grubbing and demolition operation in excavation areas where the depth of holes exceeds the depth of the proposed excavation.

305 Measurement for Payment

Measurement for clearing and grubbing of area designated and removal of all structures above or below existing ground as required by these specifications, as shown on the Drawings, or directed by the engineer will be on the basis of unit of corresponding items in the Bill of Quantities.

306 Basis of Payment

Payment for removal of all structures above or below ground, as required by these specifications, as shown on the Drawings, or as may be directed by the engineer will be at the contract unit price for each item tendered in accordance with the Bill of Quantities. The Contract price shall be full compensation for all activities required including supply of material, transportation, labour, equipment and incidentals to complete the work in all respect specified otherwise.