

ITEM 615.16 06 - WEEDING AND MULCHING

DESCRIPTION

This work shall include removing all weeds and applying wood mulch around trees and shrubs in plant beds and locations on the plans, special notes, or as directed by the Engineer. The limit of work shall remain within the highway right-of-way.

MATERIALS

Materials, methods and equipment for vegetation control in plant beds and adjacent roadway areas may be selected by the Contractor; however, they must be approved by the Engineer.

Material used for the mulch shall conform to Subsection 713-05 Wood Chips and Subsection 713-03 Fertilizer [type No. 3 (10-6-4)]

CONSTRUCTION DETAILS

Weeds shall be removed by either manual or mechanical means to the satisfaction of the Engineer.

A. Work Limits: Locations for vegetation control are as indicated in the contract documents. All work shall be coordinated with the Regional Landscape Architect to locate and ensure the preservation of desirable vegetation.

Edged Beds - Prior to remulching, all plant beds shall have an outer edge cut around the existing perimeter. The edge shall be cut 75 mm deep and tapered back into the bed. The edge shall be cut with a mechanical sod cutter or other approved method. All debris shall be removed from the job site by the contractor on the same day it is cut.

Tree Pits - Prior to remulching, all tree pits shall have an edge cut in a circle 1 m in diameter.

The Contractor shall apply or place the mulch in accordance with these specifications as specified by the Engineer. A 75 mm layer of mulch shall be maintained in the area of all plant pits and planting beds tapering to ± 25 mm at the plant trunk base.

After mulching, fertilizer shall be evenly applied to all mulched areas at a rate of 0.7 kg per square meter.

B. Special Notes: Conditions and information such as areas of special concern shall be as indicated elsewhere in the contract documents.

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The Contractor shall perform the following landscape maintenance work in specified shrub beds by the scheduled completion dates, or as otherwise approved.

MAINTENANCE SCHEDULE	
COMPLETION WEEDING DATES	WORK TO BE COMPLETED
August 15	Weed Control, Edge Beds, Mulch, Fertilize
September 15	Weed Control
April 15	Weed Control
May 15	Weed Control
June 15	Weed Control
August 15	Weed Control
September 15	Weed Control
April 15	Weed Control, Edge Beds
May 15	Weed Control

A Weed Control Program shall be submitted to the Regional Landscape Architect and E.I.C for approval. The program shall be developed to control all weeds without damaging the shrubs. Weeds shall be considered all undesirable plants (either woody, herbaceous or annual) as determined by the Engineer. Weed control shall be within the existing plant bed areas or where no group plantings exist within a radius of 1.0 m from the base of each individual shrub or tree.

The Contractor shall be responsible for replacing, at his expense, any plant material which is killed or disfigured through any act of negligence relating to the maintenance of this contract and as directed by the Regional Landscape Architect.

Care During Construction: The Contractor shall care for all areas within the project limits for the length of the contract. Such care shall consist of vegetation removal and other necessary measures in conformance with this specification, as directed by the Engineer.

Failure to perform specified work in accordance with the above schedule will result in a re-inspection of work 7 calendar days later. In the event the Contractor fails or omits for a period of one week to comply with the requirements specified herewith for the maintenance schedule, the Engineer may proceed with adequate labor equipment and material to perform the work. The entire cost of such work shall be deducted from any monies due to the Contractor.

METHOD OF MEASUREMENT

This work will be measured by the number of square meters of weeding and mulching as measured within the bounds described above.

BASIS OF PAYMENT

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This work will be paid for at the schedules/rates in the approved program. The payment will be full compensation for all labor, equipment, materials, and incidentals necessary to complete the work.

Upon completion and satisfactory acceptance of work, payments will be made according to the following schedule:

MAINTENANCE PAYMENT SCHEDULE		
MONTHLY ESTIMATE	DESCRIPTION OF WORK	% OF PAYMENT
August 15	Weed Control, Edging, Mulch, Fertilize	30%
September 15	Weed Control	5%
April 15	Weed Control	5%
May 15	Weed Control	5%
June 15	Weed Control	5%
August 15	Weed Control	10%
September 15	Weed Control	5%
April 15	Weed Control, Edging	10%
May 15	Weed Control	25%

The price bid per square meter shall include the cost of furnishing all labor, materials, and equipment necessary to complete the work

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