

ITEM 615.0301 08 M - CONTROLLING INVASIVE PLANTS

DESCRIPTION

This work shall consist of controlling invasive plants in accordance with the contract documents and as directed by the Engineer.

MATERIALS

Four (4) mil or thicker Polyethylene sheeting, black color.

Glyphosate based herbicide or equivalent water-soluble, non-selective foliar applied herbicide having no residual soil activity conforming to Section 713-13.

CONSTRUCTION DETAILS

Season. The work shall be performed during the season(s) specified in the contract documents.

- a. Plants shall be treated with an herbicide at least once during the active growing season between May and October. Herbicide shall not be applied after October.
- b. If the invasive plants exhibit a height of one (1) meter or less, herbicide shall be applied. If the invasive plants have reached a height of greater than one (1) meter, the Contractor shall cut the specified plants to a height of 250-500 mm.
- c. Immediately after cutting, all plant parts shall be carefully placed in heavy black plastic bags and tightly secured and moved off-site.
- d. Within two (2) hours following cutting, the remaining stems and plant parts of the invasive shall be treated with the herbicide.
- e. Six (6) to eight (8) weeks after the initial herbicide application, the invasive species shall be inspected for re-growth and all re-sprouted plants shall be cut to a height of 250-500 mm. Cuttings shall be removed as described in (c) and cut plants immediately treated with the approved herbicide mixture as described in (d).
- f. A final inspection of the treated area shall be performed in late September/early October. If re-growth has occurred, (b), (c) and (d) shall be repeated.

Requirements. The herbicide applicator shall be a NYS Department of Environmental Conservation certified commercial applicator in the Highway-Right-of-Way category, or under their direct supervision. Herbicide application shall be accomplished by hand-sprayer, back pack, wick application, stem injection or herbicide clippers. Broadcast herbicide applications are not allowed. The contractor shall abide by the special notes and provisions contained in the contract documents. The contractor shall abide by any environmental and other permits necessary to complete the work. Usage of any herbicide other than glyphosate shall be approved by the Regional Maintenance Environmental Coordinator or Regional Landscape Architect/Environmental Manager.

Disposal of Material. Material bagged and removed from the project site or from cleaning operations, shall be dried or decomposed at an approved location, disposed of in an approved landfill or incinerated at an approved facility or with the appropriate burn permits. Secure disposal shall be accomplished in such a manner as to prevent the invasive plant from re-establishing at a new location either by seed, roots or other viable plant parts.

Equipment Cleaning. All equipment used in areas containing invasive plant species shall be cleaned prior to leaving the site to prevent the spread of seeds, roots, or other viable plant parts. Loose material that has been removed from equipment shall be securely disposed as described above.

METHOD OF MEASUREMENT

This work will be measured as the number of square meters of area initially treated.

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BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials, equipment, disposal, and incidentals necessary to satisfactorily complete the work. Payment shall be made 50 percent (%) of bid at the completion of steps (a) and (b) as shown in the Construction Details above. The remaining 50 percent (%) of the bid shall be paid at the end of the final inspection performed in September/October.

DISAPPROVED BY EI 09-002