

DESCRIPTION

This work shall consist of furnishing and installing planting material to construct hedge rows and/or living snow fence in accordance with the contract documents and as directed by the Engineer.

MATERIALS

- Glyphosate: Shall comply with Section 713-13 Pesticides
- Triclopyr: Shall comply with Section 713-13 Pesticides
- Topsoil: Shall comply with Item 613.02 Placing Topsoil.
- Planting Vegetation: Shall comply with Section 611-2 Planting Materials and shall be as specified in the contract documents.
- Weed Control Fabric: Weed control fabric shall be manufactured and supplied by (or approved equal):
- Dewitt Weed Barrier
 - Easy Gardener Commercial Landscape Fabric
 - Dupont Landscape Fabric
 - Typar Premium Landscape Fabric
- Wood Chips: Shall comply with Section 713-05 Type A.
- Tree Shelters: Tree Shelters shall be manufactured and supplied by (or approved equal):
- Rigid Seedling Protection Tubes
 - Conwed Tree Bark Protectors
 - Tubex Tree Shelter
 - Jump Start Tree shelter
 - Plantra Tree Bark Protector
 - Tree Pro Protectors
- Water: Shall comply with Section 712-01 Water

CONSTRUCTION DETAILS

Planting Bed Preparation:

Planting bed topsoil located in undisturbed areas as identified in the contract documents shall be amended in place.

Area shall be treated in the fall between September 1 and September 30 with a Glyphosate post emergent herbicide. Glyphosate shall be applied in accordance with Section 713-13 Pesticides. Planting locations with woody vegetation present and details do not specify grubbing, woody vegetation shall be cut and stems shall be treated with Glyphosate or Triclopyr in accordance with Section 713-13 Pesticides and according to manufacturer's recommendations.

Planting bed area shall then be assessed in the spring between April 15 and May 1st for herbicide effectiveness. If greater than 15% herbaceous vegetation is present, the contractor shall reapply the glyphosate. A minimum of two weeks time shall pass prior to further bed preparation.

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Prior to further bed preparation, a minimum of three topsoil samples shall be tested from each planting bed by a laboratory certified by a nationally recognized entity that has been engaged and paid for by the Contractor. Topsoil results shall be submitted to the Engineer and, at a minimum, indicate the organic and pH levels and recommended amendments to achieve material requirements.

Existing topsoil that has been tested and meets the requirements of Item 613.02 shall be sufficiently prepared (harrowed, tilled and/or loosened) to a minimum depth of 450mm.

Existing topsoil that is deficient in organic content and/or pH shall be amended in place to a minimum depth of 450mm based upon recommendations of the testing laboratory. The contractor shall provide acceptable evidence of weights of pH amendment(s) applied via scale tickets, bag weights, etc. The Engineer will determine the volume of organic amendment(s) from truck volumes, etc. prior to placement.

Planting bed topsoil located in fill and or cut sections, or in areas deemed unsuitable for planting as identified in the contract documents shall be excavated to a depth of 450mm and filled with approved topsoil meeting the requirements of Item 613.02.

After topsoil placement, soil shall further be amended as follows:

713-03, Type No. 3 (10-6-4) shall be mixed at the rate of three kilograms per cubic meter.

713-03, Type No. 3 (10-6-4) shall be spread over the area of the plant pit after planting at the rate of 0.8 kilograms per square meter.

Planting Vegetation:

Trees shall be planted as specified in the contract documents and shall conform to Section 611-3 Construction. Trees shall be planted during the spring planting season as indicated in the Project Proposal.

Weed Control Fabric: Weed control fabric shall be installed as per manufacturer's instructions and as shown in contract documents. Cost of landscape fabric staples shall be included in the bid price of Planting Hedge Rows And/Or Living Snow Fence.

Wood Chips: Wood chips shall be installed as shown in contract documents.

Tree Shelters: Tree shelters may be required as specified in the contract documents and shall be installed as per manufacturer's instructions. All costs associated with Tree Shelters including but not limited to shelter, stakes and ties shall be included in cost of Planting Hedge Rows And/Or Living Snow Fence.

Water: A biweekly watering schedule for the remainder of the construction contract shall be submitted to Engineer prior to beginning of planting operations. If suitable rain events have occurred prior to the scheduled watering date, the Engineer may use their discretion and not require watering for the next scheduled date.

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Care of Planting: Care of planting shall comply with Section 611-3.05. Contractor is required to submit a Care of Planting Work Schedule after the completion of all planting operations.

Period of Establishment: The period of establishment shall comply with Section 611-3.06.

METHOD OF MEASUREMENT

This work will be measured as the number of meters of **PLANTING HEDGE ROWS AND/OR LIVING SNOW FENCE** satisfactorily installed.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

nn – serialization indicates type or condition

DISAPPROVED BY EI 12-001