

ITEM 11607.1001 M - DECORATIVE PROTECTIVE SCREENING

DESCRIPTION

This work shall consist of furnishing and erecting decorative protective screening as shown on the Contract Plans and in accordance with this Specification.

Within 21 calendar days of Contract award, the Contractor shall notify the Engineer of the name and address of the manufacturer of all decorative protective screening. This notification shall also list the specific facility at which the material will be tailored for the project.

MATERIALS

Visual screening shall be made of a UV protected, mildew resistant, polypropylene material. The weave shall be a closed mesh with reinforced hems and brass grommets every .300 mm. Hems shall be 6-ply and 38 mm wide on all edges and ends of the panels. The weave shall consist of a minimum weight of 190 grams per square meter.

CONSTRUCTION DETAILS

The requirements of Standard Specification § 607-3 for fence construction details shall apply except as noted herein or on the Contract Plans.

The supporting chain link fence and its foundations and connections shall be fabricated with sufficient additional strength to support the fabric and resist 180 kph wind velocity on the closed mesh. Prior to tailoring for the projects, the Contractor shall field verify the screening panel lengths, heights and configuration necessary. Shop drawings shall clearly indicate panel dimensions and geometry due to field conditions, fabrication constraints, or other reasons for non-standard panel sizes. Panels shall not be field cut.

Tie wires placed at the grommets shall be minimum 4 mm aluminum wire. If fabric is greater than 1.3 meters high, intermediate ties are necessary between top and bottom edges to keep the fabric taut. Double adjacent grommets shall be incorporate in the fabric for passing of tie wires through the fabric for attaching to posts, intermediate rail or the back-up chain link fence fabric. A minimum of two turns are necessary on both ends of the tie wire.

The color of the decorative protective screening shall be dark or forest green.

METHOD OF MEASUREMENT

The quantity to be paid for protective screening shall be the number of square meters measured along the centerline of fence between the extreme outer limits indicated on the Contract Plans.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to install and remove the work. All hardware, and associated decorative protective screening items shall be included in the price bid. Chain link fence shall be paid for under its item except that the cost of strengthening the fence to resist the additional wind load shall be included herein.

04/28/2004