ITEM 05607.86 M - TEMPORARY SNOW FENCE

DESCRIPTION

This work shall consist of furnishing and erecting metal fence posts and snow fence as shown on the plans or as directed by the Engineer.

MATERIALS

Snow Fence. Snow fence material shall be manufactured for the intended purpose and shall conform to the following specifications:

- Material: High density polyethylene (HDPE)
- Porosity: 50% (±3%)
- Width: 1.2 meters
- Ultraviolet Resistance: Fully Stabilized

Metal Fence Posts. Posts shall be carbon steel studded T-posts conforming to the requirements of ASTM A36M, and ASTM A702. Posts shall be galvanized in accordance with ASTM A123M. Posts shall have an anchor plate riveted or welded to the back of the post. The posts and anchor plates shall meet the following parameters:

<table>
<thead>
<tr>
<th>Details</th>
<th>Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Posts</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>2.1 m</td>
</tr>
<tr>
<td>Weight per meter</td>
<td>1.98 kg</td>
</tr>
<tr>
<td>Total weight (with anchor plate)</td>
<td>4.53 kg</td>
</tr>
<tr>
<td>Anchor Plate</td>
<td></td>
</tr>
<tr>
<td>Minimum Thickness</td>
<td>2.4 mm</td>
</tr>
<tr>
<td>Minimum weight</td>
<td>0.99 kg</td>
</tr>
<tr>
<td>Minimum surface area</td>
<td>116 cm²</td>
</tr>
</tbody>
</table>

The basis of acceptance for all materials shall be the manufacturers certification that the materials meet the requirements of this specification.

CONSTRUCTION DETAILS

The Contractor shall perform such clearing and grubbing as may be necessary to construct the fence to the required grade and alignment, not to exceed 3 meters from the fence line.

The fence shall be maintained throughout the period of the contract with repair or replacement...
ITEM 05607.86 M - TEMPORARY SNOW FENCE

made by the contractor as necessary at no additional expense to the State.

Construction of fencing shall be done in accordance with §607-3.01 of the Standard Specifications, this specification, and in reasonably close conformity with the lines and grades established by the Engineer in the field. The bottom of the fence shall be approximately 150 mm above the ground surface.

Posts may be set either by driving or by placing in properly prepared post holes. If posts are placed in prepared holes, the holes shall be backfilled with a cement grout consisting of one part cement conforming to the requirements for §701-01, Portland Cement Type 2, and two parts fine aggregate conforming to the requirements for §703-07, Concrete Sand. The grout shall be mixed to a plastic consistency showing no signs of free water. Posts shall be set plumb and firm to the satisfaction of the Engineer.

The Temporary Snow Fence shall be placed between two 50 mm x 50 mm x 1200 mm long wooden battens and securely fastened against the flange of the T-post with a minimum of three fasteners. Fasteners may be plastic snow fence fasteners, galvanized wire fasteners not less than 4 mm diameter, or other fasteners approved by the Engineer. Fasteners shall be placed at the center and 150 mm from each end of the 50 mm x 50 mm battens.

Splicing of adjacent rolls of fence fabric shall be done by interweaving a 12 mm x 12 mm wood lath between the overlapped fence fabric apertures.

The temporary snow fence shall be placed prior to November 1st.

METHOD OF MEASUREMENT

Temporary Snow Fencing shall be measured as the number of linear meters along the top of the fencing from center to center of the end posts.

BASIS OF PAYMENT

The unit price bid per meter shall include the cost of furnishing all labor, materials, tools, and equipment necessary to install and maintain the fence.