

ITEM 09607.5076xx M - OPTIONAL CANTILEVER SLIDE GATE

Description:

This work shall consist of furnishing and erecting metal cantilever sliding gates of the sizes specified and at the locations shown on the plans or as directed by the Engineer.

Fence Types shall conform to the requirements of 607-1.01. Fence fabric shall be as specified under materials.

Materials:

Gate materials shall conform to the requirements of 607-2 or as otherwise specified on the contract drawings. Each gate shall be lockable with a padlock or other approved mechanism.

Locks are not included in the item.

Fence gates shall comply with the requirements of ASTM F1184 - Industrial and Commercial Horizontal Slide Gates. Gate posts shall be 100 mm o.d. pipe. Gate top rail shall incorporate track for top roller and guide posts to keep gate on rollers. External rollers shall have accessible grease fittings and internal rollers shall have sealed permanently lubricated ball bearings.

Minimum gate leaf overhangs shall be as follows:

<u>Size of Gate</u>	<u>Distance for Overhang Post</u>
2 M to 3 M	2.0 M
3.3 M to 4.25 M	2.3 M
4.6 M to 6.7 M	3.3 M
7 M to 9.1 M	3.7 M

Construction Details:

The contractor shall erect slide gates as indicated on the plans at locations shown or as ordered by the Engineer. Gates shall be erected in conformance with the manufacturers instruction, unless otherwise specified.

Method of Measurement:

This work shall be measured by the number of each gate furnished and erected in accordance with the plans, specifications and directions of the Engineers.

Basis of Payment

The unit price bid for each gate shall cover the cost of furnishing all labor, materials and equipment necessary to satisfactorily complete the work and shall include all necessary clearing, grubbing, excavation, disposal, fill, concrete, gates, posts, track and rollers, locks, bracing, and all other necessary material to complete the work.

Sliding Gates shall be serialized by the number of each size gate shown on the plans.

Payment will be made under

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(Last two digits are serialized, see contract documents for size and location)