

**ITEM 07607.91 M - ORNAMENTAL METAL FENCE - 1.2 METERS IN HEIGHT**  
**ITEM 07607.92 M - ORNAMENTAL METAL FENCE - 1.8 METERS IN HEIGHT**

**DESCRIPTION:**

This work shall consist of furnishing and installing ornamental metal fence, posts, gates, and finials in accordance with the plans, specifications, and the recommendations of the manufacturer, unless otherwise directed by the Engineer, including anchor bolts, brackets, fittings, and all other material necessary to install the fence.

**MATERIALS:**

The materials of the fence, posts, gates, and finials shall be manufactured from wrought steel or cast iron, with a zinc-rich hot powder primer and satin black powder coat finish.

Fence Height	Style	Details	Posts
1.2 m	Victorian #44-R Level Fencing	Avg. Panel Length: 1.98 m 3 Rails: 12.7 mm x 38.1 mm x 3.18 mm 12.7 mm Round Pickets Victorian Semi-Circle Castings and Cast Medallions	#16-B, 50.8 mm sq. x 1.93 m high above grade with mounting plate and cast ball tops
1.8 m	Victorian #44-R Level Fencing	Avg. Panel Length: 1.98 m 4 Rails: 12.7 mm x 38.1 mm x 3.18 mm 12.7 mm Round Pickets Victorian Semi-Circle Castings and Cast Medallions	#16-C, 63.5 mm sq. x 1.93 m high above grade with mounting plate and cast ball tops

Service Gate(s)	Victorian #44-R	1.2 m high x 1.8 m Wide with Gate Posts and Hardware
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Manufacturer: The Stewart Iron works Company, Covington, KY.

Portland Cement Concrete used for footings shall be Class A or C conforming to the requirements of Section 501 "Portland Cement Concrete - General" except that the requirements for automated batching shall not apply.

Material will be subject to inspection at any time during the Contract. Failure of the Engineer to note faulty material or workmanship during construction shall not relieve the Contractor of his responsibility for removing or replacing such material or redoing work which may fail to pass any of the inspector's review of the work.

**CONSTRUCTION DETAILS:**

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The Contractor shall submit three (3) copies of catalog cuts or detailed shop drawings to the Engineer for review. Drawings shall clearly show all materials, finishes, and connecting and joining methods. No fabrication shall commence prior to the written approval of the Regional Director.

Assembly of the fence components shall be performed in strict accordance with the manufacturer's recommendations for installation. The fence shall be installed true to line and grade, with the posts vertical, as shown on the plans, or as directed by the Engineer.

**Foundations:**

1. All fencing not attached to a bridge, sidewalk, or wall shall be set plumb and connected to concrete footings as shown in the Contract Plans. The top surfaces of the footings shall be domed to shed water, and finished smooth to a neat appearance.
2. All fencing attached to a bridge, sidewalk or wall shall be connected following the manufacturer's recommendations for such installation, as shown in the Contract Plans, or as directed by the Engineer.

The Contractor shall protect all parts of the fence and maintain it in an undamaged condition until completion and acceptance of the Contract. Any components of the fence damaged at any time prior to final acceptance shall be repaired or replaced, to the Engineer's satisfaction, at the Contractor's expense.

**METHOD OF MEASUREMENT:**

The work will be measured by the number of linear meters, measured along the top rail, of the ornamental metal fence, center to center of end posts, including any gates, properly furnished and installed in accordance with the Contract Plans, specifications, and the direction of the Engineer.

**BASIS OF PAYMENT:**

The unit price bid per linear meter of ornamental metal fence shall include the cost of furnishing all labor, materials, equipment, concrete, and tools necessary to satisfactorily complete the work including any clearing, grubbing, excavation and disposal, in accordance with the contract documents and directions of the Engineer.

**Payment will be made under:**

<b>Item No.</b>		<b>Item</b>	<b>Pay Unit</b>
ITEM 07670.	M	ORNAMENTAL METAL FENCE - 1.2 METERS IN HEIGHT	Meter
ITEM 07670.	M	ORNAMENTAL METAL FENCE - 1.8 METERS IN HEIGHT	Meter