

ITEM 04615.8005 M - STEEL HAND RAIL, GALVANIZED

DESCRIPTION

Under this item, the Contractor shall furnish and install steel railing of the type, size, and at the locations as shown in the Contract Documents and AOB.

MATERIALS

The railing shall be new and first class steel pipe meeting the requirements of ASTM A53 Grade B and at the size(s) shown on the plans. Concrete for the footer shall be Class A concrete meeting the requirements of Section 501-Portland Cement Concrete - General. The galvanizing shall meet the following requirements:

Galvanized Coatings and Repair Methods, 719-01

CONSTRUCTION DETAILS

The rail system shall be fabricated in accordance with the requirements of Subsection 710-23 except that shop drawings shall be prepared and submitted (as specified in the New York State Steel Construction Manual) to the Engineer for approval. All joints shall be welded in accordance with the New York State Steel Construction Manual. The railing shall be galvanized according to the provisions of Section 719-01, Metal Coatings. The hand rail footing shall be of the type(s) as indicated on the plans.

METHOD OF MEASUREMENT

The quantity of work to be paid for under this item will be measured as the number of linear meters (as measured along the centerline of the top rail) of steel railing installed in accordance with the specifications and the contract documents.

BASIS OF PAYMENT

The unit price bid per linear meter of steel railing shall include the cost of furnishing all labor, materials, tools, and equipment necessary to satisfactorily complete the work and shall include, but not limited to, the excavation and concrete necessary to satisfactorily complete the work.