

ITEM 0133601

STEEL FENCE

DESCRIPTION

This item shall include furnishing materials for and erecting a new painted steel fence consisting of steel tube posts with ball caps, top and bottom rails, square pickets all complete on concrete foundation, in the location as shown on the plan and detailed and as further specified herein:

REFERENCED ITEMS

None

REQUIRED SUBMITTALS

Shop Drawings:

Submit 5 copies of shop drawings for steel fence in accordance with the contract general requirements.

MATERIALS

Structural steel shall conform to the physical and chemical properties of ASTM A-36-04 steel.

CONSTRUCTION METHODS

Posts shall be five feet above the ground when erected and shall be spaced on the line of the fence not more than six feet apart on centers. All posts shall be set at least forty-two inches below finished grade and shall be set in concrete. The concrete footing shall encase the line post, and be at least eight inches in diameter at ground level and domed two inches above the ground to prevent water from standing around the post. The concrete shall be placed on and against undisturbed earth. The concrete shall have a minimum of compressive strength of 3,000psi at 28 days. The concrete mix shall be as described below:

Air	5-7 percent
Slump	3 inches (max.)
Strength (28 days)	3,000psi (min.)

PAINTING

Upon completion of installation, the fence posts and all the fixtures including ball caps, top and bottom rails and the pickets shall be given two coats of high gloss black rustoleum, product 7779 or equal which shall be in accordance with Article M.07.01 in the materials section of the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction Form 816, 2004. The Contractor shall protect property, sidewalk, and pedestrians against damage of disfigurement from spatters, splashes, smirches or spray of paint or paint materials; and any damage done shall be repaired to the satisfaction of the Engineer at no extra cost to the City.

WORKMANSHIP

All posts shall be set true in line and grade. All work shall be completed by trained men with previous experience in the erection of steel fences.

Upon the completion of erection and painting, all the debris created shall be removed and the premises left clean.

METHOD OF MEASUREMENT

This work will be measured for payment by the number of linear feet of steel fence erected complete and accepted.

BASIS OF PAYMENT

This work will be paid for at the contract unit price per linear foot of "STEEL FENCE" erected complete and accepted, including all equipment, tools, materials, labor and incidental expenses thereto.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
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