

SECTION 02821 – CHAIN LINK FENCE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Arlington County Department of Environmental Services (DES) Construction Standards and Specifications, latest edition.
- B. Section 02300 - Earthwork
- C. Section 03300 – Cast in Place Concrete

1.2 SUMMARY

- A. The Contractor shall furnish and erect powder coated CHAIN LINK FENCE and powder coated CHAIN LINK FENCE GATES of the heights and sizes shown on the drawings, in accordance with the plans, specifications and directions of the Project Officer.

1.3 SUBMITTALS

- A. Shall be in accordance with DES 01300.
- B. SHOP DRAWINGS
 - 1. Before fence fabrication work is started, the Contractor shall submit shop drawings for approval. Include complete details of fence and gate construction, fence height, post spacing, dimensions, and concrete footing detail.
- C. SAMPLES
 - 1. Prior to erection of the fence the following shall be submitted:
 - a. Fence framework: One piece of each pipe size, twelve (12") inches long.
 - b. Fence Fabric: One piece twelve (12") inches square.

PART 2 - PRODUCTS

2.1 CHAIN LINK FENCE AND GATE

- A. Contractor shall provide PVC and/or TGIC polyester powder-coated hot-dipped galvanized steel fence and gate components in accordance with VDOT 242, and to match the existing fence on the site.
- B. Powder coat color shall be black to match existing fence on site.

- C. Contractor shall provide gate locking mechanism, to be approved by the Project Officer prior to installation.

2.2 CONCRETE FOOTINGS

- A. Contractor shall provide a 12-inch diameter by 30-inch deep concrete footing for each fence post.
- B. Concrete shall be Class A3 General Use (3,000 psi) in accordance with VDOT 217.

PART 3 - EXECUTION

- 3.1 Fences shall be erected in accordance with installation instructions outlined in VDOT 507 for Standard Chain Link Fences. Posts shall be set in concrete footings.
- 3.2 The Contractor shall maintain the chain link fences and gates during the life of the contract and shall repair and replace all members that are disturbed, damaged, or destroyed from any cause at no cost to the County.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 The quantity of CHAIN LINK FENCE to be paid for shall be the number of LINEAR FEET of each height, furnished and erected complete in accordance with the plans, specifications and directions of the Project Officer.
- 4.2 The price bid shall be a unit price per LINEAR FOOT of CHAIN LINK FENCE of each height and shall include the cost of all labor, material, equipment and all incidental expenses necessary to complete the work, including concrete footings, galvanized steel fence components, and powder coating required to furnish and erect chain link fence, all in accordance with the plans and specifications, to the satisfaction of the Project Officer.
- 4.3 The quantity of GATES for chain link fence with PVC powder coated fabric shall be the number of TGIC-Polyester powder coated gates for chain link fence with PVC powder coated steel fabric, furnished and erected complete in accordance with the plans, specifications, and directions of the Project Officer.
- 4.4 The price bid for PVC powder coated gates shall be a unit price for EACH GATE for the height of fence specified and shall include the cost of all labor, material, equipment and all incidental expenses necessary to complete the work, including concrete footings, galvanized steel gate components, and powder coating required to furnish and erect gates with PVC powder coated steel fabric, all in accordance with the plans and specifications, to the satisfaction of the Project Officer.

END OF SECTION 02821