

**DESCRIPTION**

Under this item the CONTRACTOR shall prepare metal surface and paint such as shown on the plans or as directed by the ENGINEER.

**MATERIAL AND METHOD**

The metal surface to be painted shall be thoroughly cleaned of rust, dirt, oil or grease or other foreign substances. The removal of rust, scale and dirt shall be done generally by the use of metal brushes, scrapers, sandblasting or other means approved by the ENGINEER. Rust must be removed so at least 70% of any square centimeter of the surface of the metal is bright and clear.

Painting shall not be started until the surface of the metal is inspected by the ENGINEER. Paint shall be applied only when the air temperature is at or above four degrees Celsius and the relative humidity is less than 85%. Paint shall not be applied on a damp surface or when ENGINEER determines that conditions exist that would produce unsatisfactory results. Paint shall be applied by means of brushes unless otherwise permitted by the ENGINEER. All brushes shall be either round or oval in shape. The paint, when applied by brush, shall be so manipulated under the brush as to produce a uniform even coating. The paint shall be worked well into all joints and open spaces. Paint shall be thoroughly stirred so as to keep the pigment in suspension when being used.

All painting must be done in a neat and workmanlike manner and care must be taken to prevent any spillage or dripping on areas other than the surface to be painted.

The paint to be applied to the surface shall be PC-83, DeRusto Alum paint, or approved equal.

**BASIS OF PAYMENT**

The unit price bid shall be a lump sum for each structure painted and shall include the cost of furnishing all materials, labor and equipment necessary to complete the work in accordance with the plans or as specified by the ENGINEER.

Payment will be made under:

<b><u>Item No.</u></b>	<b><u>Item</u></b>	<b><u>Pay Unit</u></b>
C686.51	Painting Signal Poles	EA
C686.52	Painting Signal Pole and Arm (Signal or Sign)	EA
C686.53	Painting Pedestrian Signal Pole	EA