

**ITEM 08556.020399 M - ADJUSTMENT TO GALVANIZED BAR REINFORCEMENT WHEN REINFORCEMENT IS INCLUDED IN STRUCTURAL CONCRETE ITEM**

**DESCRIPTION:**

The work shall consist of furnishing and placing reinforcing steel for concrete structures in addition to or as an adjustment to the reinforcement shown in the contract documents in a manner satisfactory to the Engineer.

**MATERIALS:**

All reinforcing and zinc rich paint shall meet the requirements of §709-11 Galvanized Bar Reinforcement, Grade 400.

Tie wire shall be galvanized or coated with a non-conducting material.

**CONSTRUCTION DETAILS:**

Construction details shall meet the requirements of Section 556-3 and the following:

1. **Damaged Galvanized Coating.** The Contractor shall be required to repair minor damage to the galvanized coating and to replace any reinforcing exhibiting major coating damage. Major coating damage is defined as more than 2% of the surface area in any 0.3 meter length (e.g. 240mm<sup>2</sup> on a number 13 bar, 360mm<sup>2</sup> on a number 19 bar) . Minor damage is defined as all damaged coating discernable to a person with normal or corrected vision that does not exceed 2% of the surface area in a 0.3 meter length.
2. **Coating Repair.** The area shall be cleaned to a near white condition as defined by SSPC-SP10 using power disk, wire brush, abrasive blasting or other methods approved by the Engineer. The surface shall be clean, dry and free of oil, grease, and other contaminants. Apply a minimum of two coats of zinc rich paint by methods recommended by the manufacturer to obtain a minimum film thickness of 100µm.

**METHOD OF MEASUREMENT**

The method of measurement shall be as described in §556-4.02 and shall apply only to those bars added or adjusted by the State to the reinforcement shown in the contract plans. No payment will be made for additions or adjustments made by the Contractor. No allowance will be made for the mass of the zinc coating.

**BASIS OF PAYMENT:**

The basis of payment shall meet the requirements of Section 556-5.02 of the Standard Specifications except that the unit price bid per kilogram set forth in the proposal is a fixed price for all bidders and shall not be changed. The published price has been prepared taking into account the cost of furnishing all labor, materials and equipment necessary to complete the work, including an allowance for overhead and profit. Any bid other than the amount noted in the proposal may cause the bid to be considered informal.