

Name of Work: 2018-19 Construction of Mini Material Recovery Collection Centre at Various Places.

TYPE - V (Size 0.80 x 0.80 M)

1) 10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.

a) 50 x 25x2.60^{mm}
Rectangular Hollow section for supporting post of roof.

| | | | | | | |
|--------------|-----|---|------|---|--------------------|-------------|
| For post | 4 | x | 2.10 | = | 8.40 | |
| Tie allround | 2x4 | x | 0.80 | = | <u>6.40</u> | |
| | | | | | 14.80 m x 2.71kg/m | = 40.108 kg |

Say 40.50 kg

Rs. 130.07 / kg = Rs. 5267.84

2) 10.25.2 Item shifted to head 14 as item 14.74 steel work welded in built up sections of framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in graining, frames, guard bar, ladder, railing brackets, gates and similar works.

a) 30 x 20 x 3^{mm} angel iron frame and 5^{mm} dia MS rods vertical and horizontal nets at 10cm c/c for compartment

| | | | | | |
|------------------------|---|---|---|---|--------|
| Bottom row compartment | 1 | x | 1 | = | 1 No. |
| No. of mesh pieces | 1 | x | 6 | = | 6 Nos. |
| Top row compartment | 1 | x | 1 | = | 1 No. |
| No. of mesh pieces | 1 | x | 5 | = | 5 Nos. |

1 pieces weight of mesh = 6.023 kg.
Hence 11 Nos. (6 + 5) pieces of weight 11 x 6.023 = 66.253

Say 66.50 kg

Rs. 123.87/ kg = Rs. 8237.36

3) 12.50 Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %), total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping

Roof 1 x 1.70 x 1.70 = 2.89

Say 3.00 m²

Rs. 793.24/m²

= Rs. 2379.27

4) Providing lock and locking arrangement with name board.

LS = Rs. 2500.00

Total = Rs. 18384.92

Unforeseen = Rs. 115.18

Grand Total = Rs. 18500.00

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