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

TYPE - IV   (Size 1.60 x 1.60 M.)

1) 10.16.1 Steel work in built up tubular (round, square or rectanglar 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	4	x	1.60	=	6.40

14.80 m x 2.71kg/m = 46.10 kg

b) 25x25x2.60^{mm} Square Hollow section for common rafters.

4 x 1.60 = 6.40 m x 1.69 kg/m = 10.816 kg
= 50.96 kg

Say 51.00 kg   Rs. 130.07 / kg   = Rs. 6633.57

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 grainting, 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	2	= 2 Nos.
No. of mesh pieces	2	x	6	= 12 Nos.
Top row compartment	1	x	2	= 2Nos.
No. of mesh pieces	2	x	5	= 10 Nos.
1 pieces weight of mesh				= 6.023 kg
Hence 22 Nos. (12 + 10) pieces of weight	22	x	6.023	= 132.501

Say 133.00 kg	Rs. 123.87/ kg	= Rs. 16474.71

3) 12.50 Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation asapproved 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 thesheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 micronsminimum 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   4 x $\frac{2.50+0}{2}$ x   1.65   = 8.25

Say 8.50 m^2	Rs. 793.24/m^2	= Rs. 6742.54

4) Providing lock and locking arrangement with name board.

	LS	= Rs. 2500.00
Total		= Rs. 32350.82
	Jnforeseen	= Rs. 149.18

Grand Total = Rs. 32500.00
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