

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

TYPE - I (Size 2.50 x 1.60 mts.)

- 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 beam (Length wise)	3	x	2.50	=	7.50	
Tie beam (Width wise)	2	x	1.60	=	3.20	
					<u>19.10 m</u>	x 2.71kg/m = 51.761 kg

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

Two side rafters	2x4	x	1.00	=	8.00 m x 1.69 kg/m	= 13.52 kg
					Total	= <u>65.281 kg</u>

Say 65.50 kg

Rs. 130.07 / kg = 8519.59

- 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 3mm angel iron frame and 5mm dia MS rods vertical and horizontal nets at 10cm c/c for compartment

Bottom row compartment 2 x 3 = 6 Nos.
 No. of mesh pieces 6 x 6 = 36 Nos.
 Top row compartment 2 x 3 = 6 Nos.
 No. of mesh pieces 6 x 5 = 30 Nos.
 1 pieces weight of mesh = 6.023 kg.
 Hence 66 Nos. (36 + 30) 66 x 6.023 = 397.518
 pieces of weight

Say 400.00 kg

Rs. 123.87/ kg = 49548.00

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 2 x 3.40 x 1.45 = 9.86

Say 10.00 m²

Rs. 793.24/m²

= Rs. 7932.40

4) Providing lock and locking arrangements with name board.

LS = Rs. 2500.00

Total = Rs. 68499.99

Unforeseen = Rs. 500.01

Grand Total = Rs. 69000.00

=====

|
