

Data for MS Weld mesh Circular Tree guard (SoR 2015-16)

for all Municipal Corporations except Visakhapatnam and Vijayawada (@ 25% M.A. on labour component)

1	DATA For Each	Supply,Fabricate of MS Tree Guard 500mm diametre and 2000 mm height with weldmesh Jali of 80mmx50mm opening using 2.5 mm guage wirefor 80 mm and 2.00 mm guage wire at 50mm spacings welded at every joint for a mesh height of 1500 mm and supported with 3numbersof Legs of 15x15x2mm MS Equal Angle of 2000mm each along with bracing Rings around the mesh at top, Middle and Bottom of mesh area [inheight of 1500mm] made with 15x2mmMS Flat and also providing Name Plate 100x200mm size with 20guage [1.00mm] MS Sheet including cost and conveyance of all materials labour charges for cutting ,bending,placingin position welding etc complete for finished item of work including paintinting one coat with ready mixed Synthetic enamel paint over one Red oxide Primer coat				
		Materials Required for Each				
	A	MS Weld Mesh 3.14x0.5x1.5=2.355Sqm				
		2mm guage wire 1/.080=12.5Rm*24.51kgper 1000rm			0.306 Kg	
		2.50mm guage wire 1/.050=38.20Rm*38.29kgper 1000rm			0.764 kg	
		For 1.sqm			1.070 Kg	
		For 2.355 .sqm			2.52 Kg	
		For Fabrication2.335x[0.306+0.764]	2.52	Kg		
	B	MS angle15x15x2mm				
		3x2.00Rm x0.45kg per Rm			0.405	
					0.405 Kg	
	C	MS Flat 15x2mm				
		3x3.14x0.5=4.71Rmx0.235Kg			1.107	
					1.107 Kg	
	D	MS Sheet 20 guage [1.0mm]				
		0.10x0.20x7.85 kg per sqm			0.157	
					0.157 Kg	
		Total weight for Fabrication Excl wastage				
		2.52+0.40+1.11+..392			4.189 Kg	
	CSoR page 34	Weldmesh 80x50mm M-191	2.52	kg	155.00	1 kg 390.60
		MS angle [July 2015]	0.405	kg	42.50	1 kg 17.21
		MS Flat (July 2015)	1.107	kg	42.00	1 kg 46.49
		MS sheet 20 guage[1mm] Rate as per H.R. Sheet 1.6 mm	0.157	kg	44.75	1 kg 7.03
	SoR page 59	Fabrication Charges BMM-V.14	4.189	kg	24.00	1 kg 100.54
		Municipal Allowance on Labour components [25%]	0.25		100.54	1 kg 25.13
		Painting one coat over Redoxide primer (as per data enclosed below)	1.180	sqm	100.40	1 sqm 118.47
		2.355x0.5 coefficient=1.18 sqm				
		overheads and Profit 10%	0.10		705.47	70.55
		Rate per Each tree guard				776.00
(Rupees Seven Hundred and Seventy Six only)						

Data for Painting							
2		Painting to New iron work with one coats of ready mixed synthetic enamel paint first quality all shades to give an even shade over base coat Primer of red oxide after thoroughly brushing the surface to remove all remains including cost and conveyance of all materials to site, sales & other taxes, all operational, incidental and labour charges etc., complete for finished item of work.(3 coats) (APSS No. 1201 & 1212).in All Floors.					
		PRIMARY COAT BLD CSTN 12-2[169]					
BMT- J.03	Red oxide primer	0.07	lit	142.00	1	Lt	9.94
CSR 35 Pg 7	1st class painter	0.021	Nos.	480.00	1	Each	10.08
CSR 37 Pg 8	2nd class painter	0.049	Nos.	375.00	1	Each	18.38
	25% MA on labour component	0.25	Nos.	28.46	1	day	7.11
	sundries @ 0.5%	0.000		45.51	1		0.00
	one COAT OF PAINTING BLD CSTN 12-12[193]						
BMT- J.30	Synthetic enamel paint	0.07	lit	276.00	1	lit	19.32
	1st class painter	0.021	Nos.	480.00	1	Each	10.08
	2nd class painter	0.049	Nos.	375.00	1	Each	18.38
	25% MA on labour component	0.25	Nos.	28.46	1	day	7.11
	sundries @ 0.5%	0.000		54.89	1		0.00
	Overheads and contractor profit	0		0.00			0.00
	Rate per 1 Sqmt.					Total	100.40

ANDHRA PRADESH URBAN GREENING AND BEAUTIFICATION CORPORATION Ltd.,

MS Weld Mesh Circular Tree Guard of 500 mm Dia X 2000 mm Height.

