

Estimate For Providing and fixing false ceiling and earthing work at mechanical Workshop at Manit Bhopal

S No	Code	Qty	Unit	Quoted Rate	Quoted Amount
	Civil Work				
1	DSR2023 Item no 12.52.1				
	Specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly.				
	12.52.1 GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop, made of G 1 sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending				
	Total Quantity	50	Sqm		
2	Other Misc For Civil Work as per Dsr 2023 on % rate basis of 20000 /- Rs				
	Electrical Work(including GST)				
3	Item No 01 MR				
	Providing & installation of maintenance free chemical earthing with the help of GI earth electrode 3 Mtrs. long fabricated by encapsulating 2nos. 65x6 mm GI strip primary earth electrode on B class GI pipe of 88mm outer dia. as secondary electrode sealed at bottom with solid conical GI base seal. The earth electrode has to be vertically driven into the rocky soil earth in 7 inches dia. hole of 3.7 mtrs. depth. The entire earthing is to be enclosed at the top with masonry chamber of size 450 mm* 450 mm made up of modular bricks of class designation 35 & also provided with square shape 300 mm cover of 6 mm thick MS sheet with frame. The vertically driven electrode to be filed with conductive 3 bags of 25 kg each advanced grade earthing compound mixed with black cotton soil complete as required.				
		4	Each		
4	GFR (E&M)2025				
	Providing and fixing 25 mm x 5mm G.I strip on surface or in recess for connections etc. as required.	150	Meter		
5	GFR (E&M)2025				
	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	100	Meter		

Name and Sign of contractor