

Detailed Estimate For Repairing Work Of 1000 M.T. Godown Of Markfed At Khachrod Distt. Ujjain

No.	Particulars	No.	No.	L	B	D	Qty.	Unit	Rate	Amount
1	SOR INO 15.27.2									
	Dismantling roofing including ridges, hips valleys and gutters etc., and stacking the material within 50 metres lead of: Asbestos/ Non asbestors sheet									
	Godown Roof	1	2	12.00	-	32.00	768.00	Sqm	18	13824
2	SOR INO 12.15									
	Providing and fixing pre-coated 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 120 gsm 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 while transportation and									
		1	2	12.40	-	32.90	815.92			
	Deduction									
	Fibre Sheet	1	4	3.00	-	1.00	-12.00			
							803.92	Sqm	652	524156
3	SOR INO 12.16.1									
	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm + 0.05 % total coated thickness, Zinc coating 120gsm 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 using self-drilling/ self-tapping screws complete : Ridges plain (500 - 600mm).									
	Godown									
	Ridges	1	1	32.00	1.00	-	32.00			
	Sides	2	2	12.00	1.00	-	48.00			
							80.00	Mtr	320	25600
4	SOR INO 2.26									
	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming and compacting in layers not exceeding 20cm in depth and dressing complete Note: - Maximum thickness of this layer shall be 20 cm.									
	Godown	1	1	15.40	18.00	0.05	13.86			
	Varandah	1	1	22.00	2.30	0.05	2.53			
							16.39	Cum	672	21309

No.	Particulars	No.	No.	L	B	D	Qty.	Unit	Rate	Amount
5	SOR INO 4.1.1.4									
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level : M-10Nominal (Mix-1 Cement : 3 sand : 6 graded stone aggregate)									
	Godown	1	1	15.40	18.00	0.10	27.72			
	Varandah	1	1	22.00	2.30	0.10	5.06			
							32.78	Cum	3890	246704
6	SOR INO 14.27									
	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.									
	Godown Outer Wall									
	Long Wall	1	2	32.00	5.60	-	358.40			
	Short Wall	1	2	18.70	5.60	-	209.44			
	Giable Wall	2	2	9.35	3.10	-	115.94			
	Room Long Wall	1	2	3.30	3.00	-	19.80			
	Short Wall	1	1	3.45	3.00	-	10.35			
	Roof	1	1	3.30	3.45	-	11.39			
	Inner Side Long Wall	1	2	2.90	3.00	-	17.40			
	Short Wall	1	2	3.20	3.00	-	19.20			
	Godown Inner Side									
	Long Wall	2	2	18.00	-	3.00	216.00			
	Short Wall	2	2	15.40	-	3.00	184.80			
							1162.72	Sqm	5	5814
7	SOR INO 13.41									
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete. Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of APD/Chief Engineer will be required.									
	Room Long Wall	1	2	3.30	3.00	-	19.80			
	Short Wall	1	1	3.45	3.00	-	10.35			
	Roof	1	1	3.30	3.45	-	11.39			
	Inner Side									
	Long Wall	1	2	2.90	3.00	-	17.40			
	Short Wall	1	2	3.20	3.00	-	19.20			
	Deduction									
	Window	1	2	1.10	0.90	-	-1.98			
	Door	1	1	1.00	2.00	-	-2.00			
							74.16	Sqm	74	5488
8	SOR INO 13.46									
	Wall painting by any mechanical or manual means with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work									
	Room Long Wall	1	2	3.30	3.00	-	19.80			

No.	Particulars	No.	No.	L	B	D	Qty.	Unit	Rate	Amount
	Short Wall	1	1	3.45	3.00	-	10.35			
	Roof	1	1	3.30	3.45	-	11.39			
	Inner Side Long Wall	1	2	2.90	3.00	-	17.40			
	Short Wall	1	2	3.20	3.00	-	19.20			
	Godown Inner Side									
	Long Wall	2	2	18.00	-	5.60	403.20			
	Short Wall	2	2	15.40	-	5.60	344.96			
	Gable Wall	2	2	9.35	-	3.10	115.94			
	Deduction									
	Rolling Shutter	2	1	2.40	-	2.40	-11.52			
	Airinlet	4	1	0.30	-	0.60	-0.72			
	Ventilator	8	1	0.30	-	0.90	-2.16			
							927.84	Sqm	64	59381
9	SOR INO 13.51									
	Finishing walls by only mechanical or manual means with textured exterior paint of required shade: New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm.									
	Godown Outer Wall									
	Long Wall	1	2	32.00	6.10	-	390.40			
	Short Wall	1	2	18.70	6.10	-	228.14			
	Gable Wall	2	2	9.35	3.10	-	115.94			
	Room Long Wall	1	2	3.30	3.00	-	19.80			
	Short Wall	1	1	3.45	3.00	-	10.35			
	Roof	1	1	3.30	3.45	-	11.39			
	Inner Side Long Wall	1	2	2.90	3.00	-	17.40			
	Short Wall	1	2	3.20	3.00	-	19.20			
							812.62	Sqm	132	107265
10	SOR INO 13.2.1									
	15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement : 4 sand)									
	Godown	1	2	15.500	2.700	-	83.700			
		1	2	18.100	2.700	-	97.740			
							181.440	Sqm	184	33385
11	SOR INO 13.65									
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.									
	Rolling Shutter	2	2	2.40	-	2.70	25.92			
	Airinlet	4	2	0.30	-	0.60	1.44			
	Ventilator	8	2	0.30	-	0.90	4.32			
	Door	1	2	1.00	-	2.00	4.00			
	Window	2	2	1.10	-	0.90	3.96			
							39.64	Sqm	77	3052

No.	Particulars	No.	No.	L	B	D	Qty.	Unit	Rate	Amount
12	SOR INO 12.38.11									
	Providing and fixing advanced type hurricane turbo ventilator to selfsupporting roof having neck dia 600mm made of aluminum having 24 nos vertical vanes made of aluminum sheet. Ventilator should be fixed on 1 to 2mm thick G.I. ring which shall be fixed on 2mm thick polycarbonate sheet. Polycarbonate sheet shall have foam tap or rubber gasket under and over it and fixed by 1 to 2 mm thick aluminum angle 25X25mm with selftapping	1	4	-	-	-	4.00	No.	9196	36784
13	SOR INO 12.38.12									
	Providing and fixing of 2mm thick polycarbonate sheet to self-supported roofing system. The sheet shall have tensile strength and elongation as per ASTM D 638, refractive index as per ASTM D 592, light transmission as per ASTM D 1003 and specific gravity as per STM D 792. Polycarbonate sheet shall have foam tap or rubber gasket under and over it and fixed by 1 to 2 mm thick aluminum angle 25X25mm with self- tapping screw to panels. All joints shall be sealed by silicon. Rates	1	4	3.00	1.00	-	12.00	Rmt	3400	40800
14	SOR INO 10.14.1									
	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses/frame work 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.									
	Verandah Plate (450X250X12mm)	10	1	0.10	-	94.200	94.20			
	Cloumn Patti (50X3mm)	10	2	1.80	-	4.500	162.00			
	Verandah Truss									
	60.30 OD 3.6mm Thick	10	1	2.60	-	26.00				
		10	1	2.80	-	28.00				
						54.00				
					@	5.03				
					Weight	271.62	271.620			
	Inner Member 33.70 OD 3.2mm Thlck Member	10	1	0.3	-	3.00				
		10	1	1.3	-	13.00				
		10	1	0.55	-	5.50				

No.	Particulars	No.	No.	L	B	D	Qty.			Amount	
						21.50					
					@	2.41					
					Weight	51.82	51.815				
	Purlin For Varandah 100X50 mm	9	3	3.75	-	101.25					
					@	6.60					
					Weight	668.25	668.250				
							1247.89	Kg	117	146003	
15	SOR INO 12.15										
	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 120 gsm 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 while transportation										
		1	1	32.00	3.00	-	96.00	Sqm	652	62592	
		TOTAL						13,32,157²⁰⁰			1332157