

10. MISCELLANEOUS

10.8 Material Requirement for Construction of Buildings

10.8.1 ELEMENTARY SCHOOL BUILDING

S.No	Materials	Quantity	
		Ordinary Soil	Difficult Soil
1	Cement	297 bags or 14.84 MT	343 bags or 17.14 MT
2	Steel	1792 kg or 1.792 MT	2516 kg or 2.516
	25mm RTS	137 kg	137 kg
	20mm RTS	88 kg	88kg
	16mm RTS	228 kg	228 kg
	10mm RTS	251kg	850kg
	8mm RTS	905 kg	1030kg
	6mm MSR	183 kg	183 kg
3	Country Bricks		
	83/4" x 4/1/4" x 23/4"	24690 Nos.	26220 Nos.
4	40mm ISS size	19.50 cum	12.66 cum
	HBG Metal		
5	20mm ISS size	13.86 cum	21.90 cum
6	Pressed Tiles (20 cmsx20cmsx20mm)	2140 Nos.	2140 Nos.
7	Sand for mortar and filling	49.10 cum	59.21 cum
8	Steel Door (Two leaves) 1.10 x 2.10m	2 Nos.	2 Nos
9	Steel Windows (Two leaves) 0.90 x 1.30m	6 Nos.	6 Nos.
10	Brick Jelly of 20mm size	8.40 cum	8.40 cum
11	10-12 mm 183 size HBG Metal	1.96 cum	1.96 cum