

BILL OF QUANTITY

NAME OF WORK: Repairing of Class Room 1 & 2 at ITI, Ningthoukhong, Manipur. (SH:- Ceramic Tiles flooring & ceiling)

SI No.	Description of items	Qty	Unit	Rate (in rupees)	
				(in figure)	(in word)
1	2	3	4	5	6
1	Demolition below G.L. upto 1 m depth and disposal of unserviceable materials within 50 m lead – unreinforced cement concrete upto 15 cm thickness.	38.16	cum		
2	1:2:4 (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	21.60	cum		
3	Cement Mortar 1 : 4 (1 cement : 4 coarse sand)	8.28	cum		
4	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red, Brown laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	144.00	sqm		
5	Tile work in skirting, risers of steps and dado (upto 2 m height) over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm including pointing in white cement mixed with pigment of matching shade complete. 8 mm thick.	14.40	sqm		

6	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	144.00	Sqm		
7	Providing and fixing at all height false ceiling including providing and fixing of frame work made of special sections, power pressed from M.S. sheet and galvanised with zinc coating of 120 gms/ sqm (both sided inclusive) as per IS : 277 and consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 27mm and 37mm, at 1200mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5mm diax50mm long with 6mm dia bolts,other flange of cleat fixed to the angle hangers of 25x25x0.55mm of required length with nuts and bolts of required size and the other end of the angle hanger fixed with intermediate G.I. channels 45x15x0.9mm running at the spacing of 1200mm centre to centre, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64mm diax230mm long G.I. wire at every junction, including fixing perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of				

	<p>screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, and specification and direction of the Engineer in Charge but excluding the cost of painting with :</p>				
	<p>12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I</p>	<p>144.00</p>	<p>Sqm</p>		