

SUB:	RENOVATION OF SECURITY ROOM NEAR AUDITORIUM AT PEC				
S. No.	Description	Unit	Qty	Rate	Amount
	Civil Works				
	FLOORING				
1	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.				
	Size of Tile 600x600 mm	sqm	9.17		
2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.				
	Size of Tile 600 x 600 mm	sqm	1.14		
	ROOFING				
21	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall				
	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, specification and direction of the Engineer in Charge but excluding the cost of painting with :				
	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I	sqm	8.99		
	FINISHING				
4	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	35.80		
5	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	35.80		
	REPAIRS TO BUILDINGS				
6	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	26.81		
7	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	One or more coats on old work	sqm	11.59		

8	<p>P/F Roller Blinds with control Mecahnism The Control unit should be made of high strength reinforced plastic. The clutch is of wrap spring design. High carbon steel springs are provided to transmit motion from driving to driven members of clutch mechanism. Clutch is operated directionally by the use of endless beaded chain. Idler is of high strength reinforced plastic, consisting of a centre shaft. The idler should be mounted on the bracket by using a plastic lock & comprising fabric in Polyester weave with pigment PVA- coating on both sides of the fabric It should have composition of 100% Polyester fabric (Plain Weave) and coated with Pigment PVA- Coating on both sides of fabric Its weight should be 200 gms/ sqm with thickness 0.35mm It should have properties like Low shrinkage, high dimensional stability, high tearing strength, non fraying It should have following factors :Light Fastness (DIN 54004) 6 - 7, Light reflection 6 -75, Light reflection 1 - 24, Light absorption 2 -93 complete in all respsects .</p>	sqm	4.11		
	Grand Total				