

**ESTIMATE FOR RENOVATION WITHIN SHIBPUR DINOBANDHU INSTITUTION (COLLEGE),
412/1, G. T. ROAD(S), HOWRAH - 711 102**

Sl. No.	Description of Items	Qty.	Unit	Rate	Amount (INR)
SHED					
1	M.S. structural works in roof trusses with tubular sections conforming to IS: 806-1957 & IS: 1161-1958 connected to one another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, fabrication with necessary metal arc welding conforming to IS: 816-1956 & IS: 9595 using electrodes of approved make and brand conforming to IS: 814-1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. Payment to be made on the basis of calculated weight of structural tubular members as specified in relevant IS code in finished work. Payment for gusset, bracket, cleat may be made by adding the actual weight of such items with weight of finished structural members. The rates are considered for a height of erection 8 m. /2nd floor level from the ground. Add 1.5 % extra over the rate for each additional floor or 4m. beyond the initial 8 m. or part thereof				
	For trusses spanning up to 12.00 m	1399.576	Kg.		
2	Providing Pre Painted Galvanized Iron Sheet	50.81	Sq. M.		
3	Supplying, fitting and fixing glass reinforced polyester translucent fiber glass sheet to match with GCI Corrugation as per IS: 12866 - 1989 in roof fitted and fixed with 10 mm dia "J" or "L" hook, bolts and nuts, limpet and bitumen washers and putty with 150mm end lap and one corrugation minimum side lap complete.				
a)	2.0mm +/- 0.2 mm thick sheet.(3.25Kg/Sq.m)				
i)	Natural white or tinted blue colour	100.948	Sq. M.		
4	Supplying, fitting and fixing glass reinforced polyester translucent ridging 450 mm long each way as per IS 2866 -1989 fitted and fixed with bolts J hooked screws and bitumen washers complete.				
a)	1.6mm +/- 0.2 mm thick sheet.				
i)	Natural white or tinted blue colour	15.000	R. Mt.		

5	Supplying, fitting and fixing glass reinforced polyester translucent fiber sheet 300mm wide in half round gutter in roof as per IS: 12866 - 1989 fitted and fixed with 50 X 6mm MS Clamp with necessary bolts and nuts, screws and jointing material complete as per direction of Engineer - in - Charge.				
a)	1.6mm +/- 0.2 mm thick sheet.				
i)	Natural white or tinted blue colour	15.000	R. Mt.		
6	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992				
	Single Socketed 3 Meter Length				
	110 mm	6.000	R. Mt.		
7	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials.)				
	Above ground : 110 mm. dia	25.00	R. Mt.		
8	Dismantling R.C. band, beams etc. including cutting rods and removing rubbish as directed complying local municipal rules.	1.00	cu.m.		
9	Controlled Cement concrete with well graded stone chips (20 mm graded nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS : 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. In ground floor and foundation. [using concrete mixture] (a) M 20 Grade				
a	Pakur Variety	1.000	cu.m.		

10	Hire & labour charges for shuttering with centering & necessary staging upto 4 m. using approved stout props & thick hard wood palnks of approved thickness with required bracing for concrete slab. Beam, columns, lintels, curved or straight including fitting, fixing & striking out after completion of works (upto roof of ground floor).				
a	Steel shuttering or 9 to 12 mm. thk. approved quality plyboard shuttering in any concrete work				
i	at first floor	50.400	sq.m.		
11	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening & removal of loose rust (if necessary), cutting to requisite legth, hooking & bending to correct shape, palcing in proper position & binding with 16 gauze black annealed wire at every interesection complete as per drawing & direction. (Tor steel / Mild steel) (SAIL / TATA / RINL)	0.150	MT		
12	Labour for chipping of concrete surface before taking up plastering work	5.000	sq.m.		
13	Plaster (to wall, floor, ceiling etc.) with sand & cement mortar including rounding off or champhering corners as directed & raking out joints including throating, nosing & drip course, scaffolding / staging where necessary (excluding cost of chipping over concrete surface)				
a	With 1 : 6 cement mortar (20 mm. thk.)				
i	above first floor	14.000	sq.m.		
14	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in first floor.	6.000	sq.m.		
	TOTAL (The price quote should be <u>excluding applicable GST</u> . The contractor will be paid GST as applicable during final payment)				