

SCHEDULES OF WORK

Name of work :- Construction of PG Ladies Hostel, RIMS, Imphal. (Sh:- 15 +1 - rooms and toilet block and Kitchen / Mess)

Estimated cost :- Rs. 33, 19,566/-

Time allowed :- 4 months

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted:-	
				Rate in figures	Rate in words
1	Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottoms lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m				
	a) Loose/soft soil	175.99	cum		
2	Filling available excavated earth (e/c rock) in trenches, plinth sides of foundation etc in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering lead up to 1.5 m	58.66	cum		
3	Filling in plinth with sandy soil under floors including watering ramming, consolidating and dressing complete.	162.64	cum		
4	Providing and laying cement concrete in foundation and plinth excluding the cost of centering and shuttering in				
	c) 1: 5: 10 (1 cem: 5 c/sand: 10 graded stone aggregate 40 mm nom size)	67.86	cum		
5	Reinforced cement concrete work in foundation footings, bases of columns etc.and mass concrete, excluding cost of centering, shuttering and reinforcement.				
	a). 1:1.5:3 (1 cem : 1.5 c/sand : 3 graded stone aggregate 20 mm nom size)	1.38	cum		
6	Reinforced cement concrete work in suspended floor, roof, landing, shelves and their support balconies, beams, lintel beams, girders, bressumers and cantilevers upto floor two level and plastering the exposed surface with a cement mortar 1:3 (1 cem:3 f/sand) of thickness not exceeding 6 mm to give a smooth and even surface but excluding the cost of centering shuttering and reinforcement.				
	a). 1:1.5:3 (1 cem : 1.5 c/sand : 3 graded stone aggregate 20 mm nom size)				
	i. up to Ground floor	1.38	cum		

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7	Providing form works including centering and shuttering so as to give a rough finish, strutting and propping etc, height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in-situ reinforced concrete and plain concrete work in				
	a) Foundation footings, bases of columns etc, and mass concrete.	7.04	sqm		
	b) Sides and soffits of beams, beam hunching cantilevers, girders, bressumers and lintels exceeding 1 m in depth.	7.48	sqm		
	c) Flat surface such as suspended floor, roofs, landings and the like	1.84	sqm		
	<u>SH : STEEL REINFORCEMENT</u>				
8	Reinforcement for R.C.C. work including bending, binding and placing in position complete				
	b). Tor steel bars	606.24	kg		
	<u>SH : BRICK WORK</u>				
9	2nd class (local first class) brick work in foundation and plinth in c. m. 1 : 4 (1 cem : 4 fine sand).	66.14	cum		
10	40 mm cement concrete flooring 1:2:4 (1 cem:2 coarse sand: 4 stone aart 20 mm & down gauge) finished with a floating coat of neat cement	545.48	Sqm		
11	Providing under layer for plinth protection of 75 mm thick (unconsolidated) of stone aggregate 40 mm nominal size well rammed and consolidated and grouted with fine sand including preparation of ground.	67.29	sqm		
12	Providing plinth protection with bricks 3rd class (local mixed class) in cement mortar 1:6 (1 cem : 6 fine sand) including pointing top surface of bricks with cement mortar 1:2 (1 cem : 2 sand)	67.29	sqm		
13	Supplying H.D. bolts 106 cm. long with 12 mm dia iron rod for fixing the post plate or wall plate i/c cost of nuts.	148.00	Each		
14	Supplying 40 mm X 3 mm X 275 mm F.B. twisted plate i/c cost of bolts & nuts.	260.00	Each		
	<u>SH : WOOD WORK</u>				

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted:-	
				Rate in figures	Rate in words
15	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position				
	a) Leihao	3.80	cum		
16	Providing and fixing 35 mm thick paneled, glazed or paneled and glazed shutter for doors, windows and clerestory windows including anodized aluminum butt hinges with necessary screws.				
	a) Leihao	95.10	sqm		
17	P/F 12 mm thick 150 mm wide pelmet with 25 mm dia. Wooden curtain rod & bracket i/c fixing with 25 x 3 mm MS flat 10 cm long & plugs etc. complete with painting polishing or oiling as reqd. (local best qlity) Uningthou)	46.06	Rm		
18	Providing wood work in trusses, purlins, rafter, posts, post plate wall plate & the like wrought framed hoisted & fixed in position.				
	khangra	16.13	Cum		
19	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.				
	tairan	2.23	cum		
20	Providing & fixing M.S. round or square bars at required spacing in windows frame of window & clerestory window.	380.21	Kg		
21	Providing 40 x 3 mm flat iron hold fast 40 cm long including fixing to frames with 10 mm dia bolts nuts and wooden plugs and embedding to cement concrete block 30 x 10 x 15 cm 1:3:6 (1 cem : 3c/sand : 6 stone aggrt 20 mm nominal gauge).	384.00	Each		
22	40 mm cement plaster of mix 1:4 (1 cement : 4 c/sand) on bamboo splice and batten mess wall	1360.22	sqm		
23	Providing and fixing plain asbestos sheet 6 mm thick in ceiling i/c fixing to frammes with brass screws etc complete with 50x12 mm locat best quality uningthou beading (frame to be paid separatively)	340.52	qm		
24	Providing and fixing brass sliding bolts bright finished or / and black enameled with nuts and screws etc. complete.				
	b) 300 x 16 mm	17.00	Each		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted:-	
				Rate in figures	Rate in words
25	Providing and fixing M.S. Tower bolts (barrel type) with screws etc complete.				
	a) 250 x 10 mm	162.00	Each		
26	Providing and fixing M.S. Handles with necessary screws etc complete.				
	a)125 mm	98.00	Each		
27	Providing and fixing M.S. hooks and eyes.				
	a) 150 mm	64.00	Each		
28	Providing & fixing in position collapsible steel shutters with vertical channels 20 mm X 10 mm X 2 mm & braced with flat iron diagonals 20 mm X 5 mm sizes with top & bottom rails of T iron 40 mm X 40 mm X 6 mm with 38 mm dia steel pullets complete with bolts & nuts, locking arrangement, stoppers, handles i/c applying a priming coat of red lead paint.	6.53	Sqm		
29	Providing and fixing M.S. fan clamps type-1 of 16 mm dia M.S. bar bent to shape during laying including hook ends in R.C.C. slab during laying including painting the exposed portion of roof, all per standard design complete.	16.00	Each		
30	Corrugated G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8 mm dia G.I. limpet & bitumen washer complete, excluding the coat of purlins rafter & trusses.	589.94	Sqm		
31	Ridges or hips 610 mm over all in plain G.I. sheet 24 B.G. fixed with galvanised iron J or L hooks 8 mm dia G.I. Limpet & bitumen washers complete.	116.64	Rm		
32	12 mm cement plaster 1:3 (1 cement: 3 fine sand)	83.12	Sqm		
33	15 mm cement plaster 1:3 (1 cement: 3 fine sand)	84.00	Sqm		
34	Applying one coat of cement primer of approved quality on wall surface.	1,475.79	Sqm		
35	Finishing walls with water-proofing cement paint of approved quality on new work (three or more coats) to given shade.	1,475.79	Sqm		
36	Applying ready mixed priming coat pink primer of approved quality on wood work.	561.41	sqm		
37	Painting two or more coats (excluding priming coat) with superior ready mixed paint of wood work of approved quality in all shade on new work to give an even shade.	561.41	sqm		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted:-	
				Rate in figures	Rate in words
40	P/F white glazed earthenware w.c pan (Indian make with 10 cm HCl p-traos 15 lit. high level Cl flushing cistern) of approved make with fitting RS or Cl brackets, 32 mm dia. Telescopic flush pipe with fitting and clamps 25mm GI over flow pipe with spiral and mosquito proof coupling of approved municipality design G.I.chain pull complete i/c painting of cistern and fitting,cutting and making good the walls and floors.				
	a. Indian type 510 mm.	5.00	each		
41	P/F wash basin of white glazed earthen ware (Indian make)with R.S.or C.I. bracket painted white one central 12.50mm c.p. brass with standard pattern 32mm dia MI or CP brass traps and union complete i/c cutting and making good the walls.				
	1. 510 x400 mm.	8.00	each		
42	P/F grating for gully trap or nahani trap.	14.00	each		
43	P/F 600x455 mm beveled edge mirror Indian make superior glass of (approved qty) complete with Asbestos sheet ground fixed to wooden cleat with CP brass screws and washer.	8.00	each		
44	P/F 600 x20 mm (Sona) CP brass towel rails complete with CP brass brackets guards nails complete fixed to wooden cleats fixed to wooden cleats with Cl brass screws.	12.00	each		
45	P/F soap container of glass with CP lead and brackets fixed to wooden cleats with CP brass screws .	12.00	each		
46	P/F 100 mm PVC soil vent pipe.	20.00	Rm.		
47	P/F M/S holder bat clamp of approved design to 100 mm HCl pipe socket i/c cost of cutting and making good the wall etc.	80.00	each		
48	P/F 100 x100 x100 mm HCl branched of reqd. degree with access door insertion rubber washer 3mm thick bolts and nuts complete.	10.00	each		
49	P/F 100 mm HCl offset.				
	c. 230 projection.	10.00	each		
50	P/F 100 mm HCl plain bend at the reqd. degree	10.00	each		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted:-	
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51	Providing lead caulked joints to HCl pipe.	20.00	each		
52	P/F 50mm HCl waste and vent pipe.	2.00	each		
53	P/F HCl traps with 100mm inlet and 100 mm outlet of shelves cleaning design with HCl screws down of hinged gradating with out vent arm complete i/c the cost of cutting and making good the walls and floor.	10.00	each		
54	P/F GI pipes complete with GI fitting and cutting and making good the walls etc.(External works)				
	i) 40mm diam.	110.00	each		
	ii) 25mm diam.	60.00	each		
	iii) 20mm diam.	90.00	each		
55	Making connection of GI distribution branched with GI main 25mm to 40mm dia by providing and fixing T i/c cutting and threading pipe etc complete.	504.00	each		
56	P/F CP bib coke of superior qlty.				
	a) 20mm diam. (Delux)	26.00	each		
57	P/F brass stop cock of superior qlty.				
	a) 40mm diam.	7.00	each		
	b) 25mm diam.	2.00	each		
	c) 20mm diam.	4.00	each		
58	P/F Cp brass shower rose with 12.6 mm of 19mm outlet	4.00	each		
	a) 100 mm diam.				
59	P/F water storage tank(syntax) with 400mm dia normal based GI piped (overflow) tube 25mm normal GI inlet 15mm nominal GI outlet tube i/c hoisting ht of 10m above				
	a) 2000 capacity.	3.00	each		