

**SCHEDULES OF WORK**

Name of work :- Construction of PG Gents Hostel, RIMS, Imphal. ( Sh:- 22 double seated, temporary type)

Estimated cost:- Rs. 36,76,739/-

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	116.03	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	19.34	cum		
3	Filling in plinth with sandy soil under floors including watering ramming, consolidating and dressing complete.	160.77	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)	61.68	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	0.92	cum		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted	
				Rate in figures	Rate in words
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.	3.52	sqm		
	c) Flat surface such as suspended floor, roofs, landings and the like	9.18	sqm		
	<b><u>SH : STEEL REINFORCEMENT</u></b>				
8	Reinforcement for R.C.C. work including bending, binding and placing in position complete				
	b). Tor steel bars	378.33	kg		
	<b><u>SH : BRICK WORK</u></b>				
9	2nd class (local first class) brick work in foundation and plinth in c. m. 1 : 4 (1 cem : 4 fine sand).	57.94	cum		
10	20 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	500.86	Sqm		
12	Supplying 40 mm X 3 mm X 275 mm F.B. twisted plate i/c cost of bolts & nuts.	48.00	Each		
	<b><u>SH : WOOD WORK</u></b>				
13	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position				
	a) Leihao	7.60	cum		
14	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	153.28	sqm		
15	Providing & fixing 12 mm thick & 100m wide pelmet with 25 mm dia wooden curtain rod & bracket i/c fixing with 25x3 mm M.S. flat 10 cm long & plugs complete with painting, polishing oiling as required (Local best quality Uningthou).	63.84	Rm		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted	
				Rate in figures	Rate in words
16	Providing & fixing 25 mm dia local best quality Uningthou curtain rods with brackets, plugs, etc. wherever required i/c painting polishing or oiling as required.	63.84	Rm		
17	Providing wood work in trusses, purlins, rafter, posts, post plate wall plate & the like wrought framed hoisted & fixed in position.				
	a)Tairen/ Tolhao/ Khangra	25.63	Cum		
18	Providing and fixing 20mm plank as eave board with :-				
	(a) Uningthou wood	28.75	Sqm		
19	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.				
	a) First class Uningthou wood	13.82	cum		
20	Providing & fixing M.S. round or square bars at required spacing in windows frame of window & clerestory window.	879.27	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 ).	564.00	Each		
22	Providing and fixing plain asbestos sheet 6 mm thick in partision i/c fixing to frammes with brass screws etc complete with 50x12 mm locat best quality uningthou beading ( frame to be paid separatively)	718.55	qm		
23	Providing and fixing plain asbestos sheet 6 mm thick in ceilling i/c fixing to frammes with brass screws etc complete with 50x12 mm locat best quality uningthou beading ( frame to be paid separatively)	465.99	qm		
24	Providing and fixing MS sliding bolts bright finished or / and black enameled with nuts and screws etc. complete.				
	b) 300 x 16 mm	40.00	Each		
25	Providing and fixing M.S. Tower bolts ( barrel type ) with screws etc complete.				
	a) 250 x 10 mm	198.00	Each		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted	
				Rate in figures	Rate in words
26	Providing and fixing M.S. Handles with necessary screws etc complete.				
	a)125 mm	198.00	Each		
27	Providing and fixing M.S. hooks and eyes.				
	a) 250 mm	130.00	Each		
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.	24.00	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.	606.36	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.	108.82	Rm		
32	Providing and fixing 40 mm x6mmxFB. Wind ties to GI. Sheet with hooks bolts	136.00	Rm		
33	12 mm cement plaster 1:4 (1 cement: 4 fine sand)	63.88	Sqm		
34	15 mm cement plaster 1:4 (1 cement: 4 fine sand)	292.51	Sqm		
35	Applying one coat of cement primer of approved quality on wall surface.	1083.53	Sqm		
36	Finishing walls with water-proofing cement paint of approved quality on new work (three or more coats) to given shade.	991.23	Sqm		
37	Applying ready mixed priming coat pink primer of approved quality on wood work.	705.97	sqm		
38	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.	705.97	sqm		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted	
				Rate in figures	Rate in words
39	P/F white glazed earthenware w.c pan ( Indian make with 10 cm HCI p-traos 15 lit. high level CI flushing cistern ) of approved make with fitting RS or CI 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.	10.00	each		
40	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.	10.00	each		
41	P/F grating for gully trap or nahni trap.	6.00	each		
42	P/F 600x455 mm beveled edge mirror Indian make superior glass of (approved qlty) complete with Asbestoses sheet ground fixed to wooden cleat with CP brass screws and washer.	2.00	each		
43	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 CI brass screws.	6.00	each		
44	P/F soap container of glass with CP lead and brackets fixed to wooden cleats with CP brass screws .	6.00	each		
45	P/F 100 mm HCI soil vent pipe.	24.00	Rm.		
46	P/F M/S holder bat clamp of approved design to 100 mm HCI pipe socket i/c cost of cutting and making good the wall etc.	48.00	each		
47	P/F 100 x100 x100 mm HCI branched of reqd. degree with access door insertion rubber washer 3mm thick bolts and nuts complete.	16.00	each		
48	P/F 100 mm HCI offset.				
	c. 230 projection.	6.00	each		
49	P/F 100 mm HCI plain bend at the reqd. degree	18.00	each		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate Quoted	
				Rate in figures	Rate in words
50	Providing lead caulked joints to HCI pipe.	48.00	each		
51	P/F 50mm HCI waste and vent pipe.	2.00	each		
52	P/F HCI traps with 100mm inlet and 100 mm outlet of shelves cleaning design with HCI screws down of hinged gradating with out vent arm complete i/c the cost of cutting and making good the walls and floor.	18.00	each		
53	P/F GI pipes complete with GI fitting and cutting and making good the walls etc.(Internal works)				
	i) 40mm diam.	216.50	each		
	ii) 25mm diam.	90.00	each		
	iii) 20mm diam.	94.50	each		
54	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.	24.00	each		
55	P/F CP bib coke of superior qlty.				
	a) 20mm diam. (Delux)	18.00	each		
56	P/F brass stop cock of superior qlty.				
	a) 40mm diam.	7.00	each		
	b) 25mm diam.	9.00	each		
	c) 20mm diam.	9.00	each		
57	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		