

SCHEDULES OF WORK

Name of work :-

Expansion of Dental College to accommodate temporary lab.,
RIMS, Imphal.

Estimated Cost : - Rs. 17,44,567/-

Time : 2-months

Sl. No	Sub head/Item of works.	Qty	Unit	Rate quoted	
				in figure (Rs.)	in words
1	Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottoms lift upto 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	19.76	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 upto 1.5 m	6.59	cum		
3	Filling in plinth with sandy soil under floors including watering ramming, consolidating and dressing complete.	154.56	cum		
4	Providing and laying cement concrete in foundation and plinth excluding the cost of centering and shuttering in				
	g) 1:4:8 (1 cem :4 c/sand :8 graded stone aggregate 40 mm nom size)	7.25	cum		
	h) 1: 5: 10 (1 cem: 5 c/sand: 10 graded stone aggregate 40 mm nom size)	23.18	cum		
5	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1cem : 2c/sand : 4graded stone aggregate 10 mm nominal size)	10	sqm		
6	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)	7.87	cum		

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7	Reinforced cement concrete work in columns, piers, abutments, posts and struts upto floor two level including finishing and plastering the exposed surface with cement mortar 1:3 (1cem : 3 fine 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)				
	a) Square or rectangular in plan	2.88	cum		
8	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)	4.64	cum		
9	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.	37.26	sqm		
	g) i) Columns, pillars, posts and struts (square, rectangular or polygon in plan).	128.8	sqm		
	h) Sides and soffits of beams, beam haunchings cantilevers, girders, bressumers and lintels exceeding 1 m in depth.	62.34	sqm		
	<u>SH : STEEL REINFORCEMENT</u>				

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10	Reinforcement for R.C.C. work including bending, binding and placing in position complete				
	b). Tor steel bars	1901.67	kg		
	<u>SH : BRICK WORK</u>				
11	2nd class (local first class) brick work in foundation and plinth in c. m. 1 : 4 (1 cem : 4 fine sand).	12.3	cum		
12	Half brick masonry 2nd class (local first class) in c.m. 1:4 (1 cem : 4 c / sand) in superstructure	73.7	sqm		
	<u>SH : WOOD WORK</u>				
13	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position				
	a) Leihao	0.12	cum		
14	Providing and fixing 35 mm thick panelled, glazed or panelled and glazed shutter for doors, windows and clerestory windows including anodised aluminium butt hinges with necessary screws.				
	a) Leihao	3.75	sqm		
15	P/F 12 mm thick 150 mm wide palmet 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)	32.6	Each		
16	Providing and laying expansion joint with corrugated copper plate, compressible fibre board, pre-moulded joint sealing compound complete as per drawing and technical specifications.				
	ii. Providing 20 mm thick compressible fibre board in expansion joint complete as per drawing and technical specification.	9	Each		
17	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 aggt 20 mm nominal gauge).	6	Each		

Sl. No	Sub head/Item of works.	Qty	Unit	Rate quoted	
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18	Providing & fixing M.S. grills of required pattern to wooden frames of window etc with M.S. flats at required spacing & frames all round bars with round headed bolts & nuts or by screws.	687.5	Kgs		
19	Providing and fixing brass sliding bolts bright finished or / and black enamelled with nuts and screws etc. complete.				
	b) 300 x 16 mm	68	Each		
20	Providing and fixing M.S. Handles with necessary screws etc complete.				
	a)125 mm	68	Each		
21	Providing and fixing M.S. Tower bolts (barrel type) with screws etc complete.				
	a) 250 x 10 mm	48	Each		
22	Providing and fixing bright finished brass hand drawn hooks and eyes.				
	a) 100 mm	44	Each		
	SH : STEEL/ALLUMINUM WORKS				
23	Providing wood work in trusses, purlins, rafter, posts, post plate wall plate & the like wrought framed hoisted & fixed in position.				
	c) Uchan/Tairen/Tolhao/Khangra.	2.75	cum		
24	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.	195	sqm		
25	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.	12	Each		
26	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.				
	c) Leihao wood	4.45	Each		
27	Providing & fixing 3 mm Teak Ply ceiling with screws & washers etc. complete (frame work to be paid separately).	189.8	Each		

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28	Providing and fixing in position vertical collapsible steel shutter with vertical channels 20mm x 10mm x 2 mm and braced with flat iron diagonals 20 mm x 5 mm sizes with top and bottom rails of T iron 40 mm x 40 mm x 6 mm with 38 mm dia steel pulleys complete with bolts and nuts, locking arrangements, stoppers handles including applying a priming coat of red lead paint.	9.9	sqm		
29	Aluminum glazed windows and ventilators of std. aluminum extrusion section joints mitred and riveted/ screwed with 15x3 mm lugs 10 cm long with steel plugs embedded in cement concrete block 15x10x10 cm of 1:3:6 (1cem: 3 c/sand : 6 stone aggrt. 20 mm nominal size) or wooden plugs and screws or with fixing clips with bolts and nuts as required i/c providing and fixing of glass panes 4 mm thick, projecteing hinge, handles, peg stays, bolts devices, locking arrangement spring catch & aluminum clip beading etc. as requir complete.				
	a). Ready made aluminum windows (fixed)	46.75	sqm		
	<u>SH : FLOORING WORK</u>				
31	White vatrified glazed tiles 10 mm in flooring, treads or steps & landing laid on a bed of 12 mm thick cement concrete mortar 1:3 (1cem : 3 c/sand) finished with flush pointing in white cement.	189.8	sqm		
32	White glazed tiles 10 mm in skirting, riser of steps & dado on 10 mm thick cement plaster 1:3 (1cem : 3 c/sand) and jointed with white cement slurry.	26.04	sqm		
33	Providing underlayer 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.	21.7	sqm		

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34	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)	21.7	sqm		
35	Providing and fixing on wall face GI rain water pipe i/c filling the joints with spun yarn soaked in neat cement slurry & cement mortar 1:2 (1cem : 2 f/sand). C). 150 mm dia.	164.76	sqm		
SH : FINISHING					
35	15 mm cement plaster 1:3 (1 cem : 3 f /sand)	164.76	sqm		
36	Applying one coat of cement primer of approved quality on wall surface.	164.76	sqm		
37	Finishing walls with water proofing paint of approved quality on new work (three or more coats) to give shade.	40.05	sqm		
38	Distempering (two or more coats) with oil bound washable distemper of approved quality on new work including priming coat to give an even shade.	308.31	sqm		
39	Applying ready mixed priming coat pink primer of approved quality on wood work.	3.3	sqm		
40	Painting two or more coats (excluding priming coat) with superior ready mixed paint for steel work of approved quality in all shade on new steel work to give an even shade.	9.9	sqm		
41	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.	9.9	Sqm		