

SCHEDULES OF WORK**Name of work :**

Major overhauling and repairing of toilet block of T.B & Chest Ward including construction of septic tank, RIMS Hospital, Imphal.

(Single unit block)

Estimated cost :- Rs. 8,20,079/-**Time allowed:****45 days**

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
				Rate in figure	Rate in words
1	Dismantling old C.I. pipes including excavation and refilling trenches after taking out the pipes breaking lead chaulked joints, melting of lead and making into blocks including stacking of pipes at site within 50 m lead.	29.70	m		
2	Repairing to plaster i/c cutting & the patch in proper shape & preparing the surface of the wall complete:-	69.60	sq m		
3	Providing and fixing white glazed earthen ware water closet pan Indian make with 10 cm HCl trap 12.5 litre low level C.I. flushing cistern of approved made with fittings R.S or C.I brackets 32 mm diameter telescopic flush pipe with fittings and clamps 25 mm G.I. overflow pipe with spiral & mosquito proof coupling of approved Municipal design G.I. pull-chain complete i/c painting of cistern & fittings cutting and making good the walls & floors.				
	Indian type				
(IV)	630 mm	6.00	each		
4	Providing and fixing a range of two urinal basins of white glazed earthen ware (Indian make) with 10.0 litre C.I. automatic flushing cistern with fittings R.S. or C.I. brackets standard size flush pipe spreader with brass union & G.I. clamps complete i/c painting of cistern & fittings, cutting and making good the walls and floors.				
	Flat back Urinal				

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
				Rate in figure	Rate in words
	464 x 355 x 265 mm	2.00	each		
5	Providing and Fixing wash basin of white glazed earthen ware (Indian make) with R.S. or C.I. brackets painted white 1 central 12.5 mm C.P. brass pillar tapes, 32 mm rubber plugs and C.P. brass chain 32 mm C.P. brass waist-of standard pattern 32 mm diameter M.I. or C.P. brass traps and unions complete i/c cutting and making good the walls (Indian fittings).				
(II)	630 x 450 mm	2.00	each		
6	Providing and fixing 610 x 450 mm bevelled edge M.I.irror of Indian make superior glass (of approved quality) quality complete with asbestos sheet ground, fixed to wooden cleat with C.P. brass screws and washers.	2.00	each		
7	Providing and fixing 600 x 120 mm glass shelf (Indian make) with C.P. brass brackets guard nail complete fixed to wooden cleats with C.P. brass screws.	2.00	each		
8	Providing and fixing 600 x 20 mm SONA C.P. brass towel rail complete with C.P. brass brackets fixed to wooden cleats with C.P. brass screws (Hook type SONA)	10.00	each		
9	Providing and laying in trenches centrifugally cast (spun) iron socket and spigot pipe class LA (earth work in trenches to be measured and paid for separately.				
(k)	600 mm diameter	53.00	m		

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
				Rate in figure	Rate in words
10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps i/c cutting and making good the walls etc. (Internal work).				
	15 mm diameter	70.00	m		
	20 mm diameter	45.00	m		
11	Providing and fixing GI pipes complete with GI fittings i/c trenching and refilling etc. (external work).				
	32 mm diameter	69.00	m		
12	Making connection of GI distribution branch with GI main 50 mm to 100 mm diameter by providing & fixing Tees i/c cutting and threading the pipe etc complete.	18.00	each		
13	Providing and fixing C.P. bib cock of superior quality.				
	(a) 15 mm diameter (Ordinary)	12.00	each		
	(b) 20 mm diameter (Delux Sona)	4.00	each		
14	Providing and laying double socket C.I. bends (medium class)				
	(i) 90°	6.00	each		
	(ii) 45°	6.00	each		
15	Providing and laying all sockets C.I. tees (medium class of nominal diameter)				
	80 x 80 mm	4.00	each		
	100 x 80 mm	4.00	each		
16	Providing and laying C.I. collars (medium class)				
	125 mm	6.00	each		
	150 mm	2.00	each		
	200 mm	2.00	each		

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
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17	Providing and fixing WATER STORAGE TANKS (Sintex) with 400 mm diameter nominal base G.I. overflow tube 25 mm nominal G.I. inlet and 15 mm nominal G.I. outlet tube i/c hoisting a height of 10 m above ground level.				
	2000 litres net capacity storage tanks	1.00	each		
18	Construction masonry chamber with 2nd class brick work (local first class) in cement mortar 1:5 (1 cement : 5 fine sand) for sluice valve with C.I. surface box 100 mm top diameter and 180 mm deep (inside) with chained lid and R.C.C. top slab 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 course sand) finished with a floating coat of neat cement complete.				
	(i) 600 x 600 x 750 mm	2.00	each		
19	PROVIDING AND FIXING kitchen sink white glazed vitreous china Indian make with R.S. or C.I. brackets painted white a pair of 12.5 mm C.P. brass pillar tap 32 mm rubber plugs and C.P. brass chain 32 mm C.P. brass waist of standard pattern 32 mm diameter M.I./C.P. brass traps and unions complete i/c cutting and making good the walls Indian fittings.				
	610 x 450 x 250 mm	2.00	each		

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
				Rate in figure	Rate in words
20	Providing wood works in frames of doors, windows, clerestory windows & other frames, wrought framed & fixed in position				
	a) Local best quality Uningthou	0.30	cu m		
21	P/F 38 mm thick panelled, glazed or panelled and glazed shutters for doors windows and clerestory windows i/c bright finished brass hinges (with Ordinary type) with necessary screws.				
	a) Local best quality Uningthou	21.84	sq m		
22	Applying ready mixed priming coat pink primer of approved quality on wood work.	40.32	sq m		
23	Painting two or more coats (excluding priming coat) with superior ready mixed paint for wood work of approved quality in all shades on new work to give an even shade.	112.00	sq m		
24	Distempering with oil bound washable distemper of approved quality (one or more coats) to give an even shade on old work.	627.43	sq m		
25	Finishing walls with water-proofing cement paint of approved quality on new work (three or more coats) to given shade.	264.66	sq m		
	(Sub-head :- Septic tank)				
	EARTHWORK				
26	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 metres in width as well as 10 sqm on plan i/c disposal of excavated earth lead upto 50 m and lift upto 1.5 m disposal soil to be levelled and neatly dressed in				
a)	Loose/Soft Soil	55.39	cu m		

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
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27	Filling available excavated earth (excluding 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 50 metres lift upto 1.5 metre	55.39	cu m		
	CONCRETE WORK				
28	Providing and laying cement concrete in foundation and plinth excluding the cost of centering and shuttering				
g)	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	3.16	cu m		
	REINFORCED CEMENT CONCRETE				
29	Reinforced cement concrete work in foundation footings, bases of columns etc. and mass concrete, excluding cost of centering, shuttering and reinforcement,				
b)	1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	5.35	cu m		
30	Reinforced cement concrete work in walls (any thickness) i/c attached pilasters, buttresses, plinth and string courses, fillets etc. upto floor two level i/c finishing and plastering the exposed surface with cement mortar (1:3) (1 cement: 3 fine sand) of thickness not exceeding 6 mm to give a smooth and even surface but excluding cost of centering, shuttering and reinforcement.				
b)	1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	16.51	cu m		

Sl.no.	Items of works	Qty	Unit	Rate Quoted	
				Rate in figure	Rate in words
31	Reinforced cement concrete work in suspended floors, roofs landing, shelves & their supports balconies, lintels, beams, plinth beams, girders, bressumers and cantilevers upto floor two level i/c finishing and plastering the exposed surface with cement mortar 1:3 (1 cement:3 fine sand) of thickness not exceeding 6mm to give a smooth and even surface but excluding cost of centering, shuttering and reinforcement.				
b)	1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	6.46	cu m		
32	Reinforcement for R.C.C. work including bending, binding and placing in position complete				
	Tor steel	2842.11	kg		
	FORM WORKS				
33	Providing form works i/c 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				
b)	Flat surface such as suspended floor, roofs landings and the like				
	floors etc. upto 200 mm in thickness	31.57	sq m		
c)	Vertical surface such as walls (any thickness), partition and the like i/c attached pilasters, buttresses, plinth and the string courses and the like	121.05	sq m		

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h)	sides or soffits of beams, beam haunchings, cantilevers, girders, brusses and lintels not exceeding 1m in depth.	12.24	sq m		
i)	i) Edges of slab and breaks in floor walls				
	under 20 cm wide	10.12	sq m		
	BRICK WORKS				
34	2nd class (local first class) brick work in foundation and plinth in cement mortar 1:3 (1 cement: 3 coarse sand)	1.44	cu m		
35	Half brick masonry 2nd class (local 1st class) in cement mortar 1:3 (1 cement: 3 coarse sand) in superstructure.	9.18	sq m		
36	Honeycomb brick work (75 mm) thick with first class brick in cement mortar 1:4 (1 cement: 4 coarse sand)	1.28	sq m		
	FINISHING				
37	15 mm cement plaster 1:3 (1 cement: 3 fine sand)	141.60	sq m		
38	Neat cement punning	141.60	sq m		
	SANITARY INSTALLATION				
	H.C.I. PIPES AND FITTINGS 100 mm				
39	Providing and fixing 100 mm H.C.I. soil vent pipes.	13.00	each		
40	Providing and fixing 50 mm HCl soil waste and vent pipe.	12.00	each		