

B.O.O.

Name of Work:- Construction of Raw Material Bank at Common Facility Center, Tamenglong District, Manipur.

Sl No	Item of Work	Quantity	Rates in Rs	Units	Amount in Rs
(A)	LAND DEVELOPMENT.				
1	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 (b)Hard soil	105		m ³	
(B)	BUILDING:				
1	Earth work in excavation in foundation trenches or drains including dressing of sides and ramming of bottoms lift upto 1.5 metres including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 metres (b) Hard/Dense Soil	11.45		m ³	
2	Providing and laying cement concrete in foundation and plinth excluding the cost of centering and shuttering in (h) 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	6.38		m ³	
3	2nd class (local first class) brick work in foundation and plinth in cement mortar 1:4 (1 cement: 4 coarse sand)	2.79		m ³	
4	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	3.82		m ³	
5	Filling in plinth with sandy soil under floors including watering ramming, consolidating and dressing complete.	23.63		m ³	
6	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				
	(a)Foundation, footings, bases of columns etc. and mass concrete.	15.04		m ²	
	(b)Columns, pillars, posts and struts (square, rectangular or polygon in plan).	20.80		m ²	

	© Sides or soffits of beams, beam haunchings, cantilevers, girders, bressumers and lintels not exceeding 1m in depth.	31.60		m^2	
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level (b) 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	2.25		m^3	
8	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with (b) 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	1.30		m^3	
9	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with (a) 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size).	3.34		m^3	
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete (b) Thermo-Mechanically Treated bars	757.5 3		Kg	
11	Half brick masonry 2nd class (local 1st class) in cement mortar 1:4 (1 cement : 4 coarse sand) in superstructure.	69.45		m^2	
12	Providing wood work in trusses, purlins, rafter, posts, post plate wall plate & the like wrought framed hoisted & fixed in position. (b) Leihao	0.85		m^3	
13	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.	71.68		m^2	
14	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.	11.50		m	

15	Providing wood works in frames of doors, windows, clerestory windows & other frames, wrought framed & fixed in position © Local best quality. Leihao wood.	0.22		m^3		
16	P/F 35 mm. thick panelled, glazed or panelled and glazed shutters for doors, windows and clerestory windows i/c bright finished or black enamelled M.S. Iron butt hinges with necessary screws. © Leihao/Tolhao	7.51		m^2		
17	50 mm cement concrete flooring 1:2:4 (1 cement: 2 coarse sand:4 stone aggregate 20 mm & down gauge) finished with a floating coat of neat cement.	45.00		m^2		
18	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.	8		each		
19	Supplying door & window clamps with 40 mm X 6 mm F.B. 80 cm long i/c. bends.	20		each		
20	Providing and fixing 20mm plank as eave board with :- (b) Tolhao/Leihao	6.80		m^2		
21	Providing and fixing M.S. sliding bolts bright finished or black enamelled with nuts & screws etc. complete.	1		each		
22	Providing & fixing M.S. Tower bolts (barrel type) with screws etc. complete.	16		each		
23	Providing & fixing M.S. handles with necessary screws etc. complete.	10		each		
24	Providing & fixing M.S. round or square bars at required spacing in windows frame of window & clerestory window.	48.66		Kg		
25	12 mm cement plaster 1:4 (1 cement: 4 fine sand)	69.45		m^2		
26	15 mm cement plaster 1:4 (1 cement: 4 coarse sand).	18.00		m^2		
27	Providing wood work in frame of false ceiling, partition etc sawn & put up in position.	0.44		m^3		
28	Providing & fixing 3 mm thick Assamite hard board sheet ceiling with beading 62 mm X 12 mm of Uchan wood complete (frame work to be paid separately).	45		m^2		
29	Applying ready mixed priming coat pink primer of approved quality on wood work.	73.62		m^2		

30	<i>Applying one coat of cement primer of approved quality on wall surface.</i>	138.9 0		m^2		
31	<i>Finishing walls with water-proofing cement paint of approved quality on new work (three or more coats) to given shade.</i>	138.9 0		m^2		
32	<i>Painting two coats (excluding priming coat) with chocolate, red, grey of buff paint approved quality on new steel or wood work.</i>	73.62		m^2		

Rs.

Rs. _____

Add. 10% Internal Electricfication = Rs. _____

Rs.

Add.12% G S T = Rs

Rs. _____

(Say) Rs.

(Rupees,

) Only.