

**BILL OF QUANTITY & SPECIFICATON FOR CFC, MANIPUR**

S.NO.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT	MATERIALS				REINFORCEMENT			
						SAND TON	CEMENT BAGS	AGGREGATES TON	BRICKS NOS	8 MM FT	10MM FT	12MM FT	16MM FT
	<b>GROUND FLOOR</b>												
	<b>FOUNDATION</b>												
A	Excavation of Earth from the ground upto 4'-0" for foundation.												
1	Footing of size 7' x 6' ( Nos. - 8 )	cubic ft	1344		0								
2	Footing of size 6' x 6' ( Nos. - 9 )	cubic ft	1296		0								
3	Footing of size 5' x 5' ( Nos. - 3 )	cubic ft	300		0								
4	Footing of size 4' x 4' ( Nos. - 13 )	cubic ft	832		0								
	Excavation for 9" Brickwork on Outer Boundary under Tie Beam - 323' length and 3' wide excavtion	cubic ft	3876		0								
	<b>TOTAL</b>		<b>7648</b>		<b>0</b>								
B	6" P.C.C for foundation												
1	Footing of size 7' x 6' ( Nos. - 8 )	cubic ft	168		0	3.06	37.66	5.34					
2	Footing of size 6' x 6' ( Nos. - 9 )	cubic ft	162		0	2.96	36.32	5.15					
3	Footing of size 5' x 5' ( Nos. - 3 )	cubic ft	37.5		0	0.68	8.41	1.19					
4	Footing of size 4' x 4' ( Nos. - 13 )	cubic ft	104		0	1.9	23.31	3.3					
	P.C.C. for 9" Brickwork on Outer Boundary under Tie Beam - 323' length	cubic ft	121.125		0	2.21	27.15	3.85					
	<b>TOTAL</b>		<b>592.625</b>		<b>0</b>								
C	R.C.C. WORK FOR FOOTING & COLUMN UPTO PLINTH												
1	Footing of size 7' x 6' ( Nos. - 8 )	cubic ft	378		0	7.56	83.16	11.34					
	Reinforcement for Base Jaal											1456	
	Reinforcement for Column upto Plinth lvl i.e 3'								300		160	160	
2	Footing of size 6' x 6' ( Nos. - 6 )	cubic ft	253		0	5.06	55.66	7.59				864	
	Reinforcement for Base Jaal											120	120
	Reinforcement for Column upto Plinth lvl i.e 3'								225		120	120	
	Brick column 18" x 18" ( Nos. - 3 )								175				
3	Footing of size 5' x 5' ( Nos. - 3 )	cubic ft	84.4		0	1.688	18.568	2.532				300	
	Reinforcement for Base Jaal											60	60
	Reinforcement for Column upto Plinth lvl i.e 3'								90		60	60	
4	Footing of size 4' x 4' ( Nos. - 13 )	cubic ft	234		0	4.68	51.48	7.02				832	
	Reinforcement for Base Jaal											260	
	Reinforcement for Column upto Plinth lvl i.e 3'								292.5		260		
	<b>TOTAL</b>		<b>715.4</b>		<b>0</b>								
D	BRICKWORK UPTO PLINTH												
	9" Brickwork on Outer Boundary under Tie Beam - 323' length	cubic ft	969		0	10.71	51		11277				
	<b>TOTAL</b>				<b>0</b>								
E	TIE BEAM												

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	<b>GROUND FLOOR</b>												
1	TIE BEAM OF SIZE 12" X 12"												
	Concrete in Tie Beam	cubic ft	489.75		0	8.93	109.79	15.56					
	Reinforcement in Tie Beam								3231	1077	2154		
2	TIE BEAM OF SIZE 9" X 9"												
	Concrete in Tie Beam	cubic ft	134.44		0	2.45	30.14	4.27					
	Reinforcement in Tie Beam								1182		1051		
	<b>TOTAL</b>		<b>624.19</b>		<b>0</b>								
F	DPC LAYER ABOVE TIE BEAM	Sq ft	367.38		0								
	<b>TOTAL</b>				<b>0</b>								
G	BRICKWORK												
	9" BRICKWORK	cubic ft	1615.875		0	17.86	87		20105				
	4.5" BRICKWORK	cubic ft	487.12		0	4.89	24		6266				
	<b>TOTAL</b>		<b>2102.995</b>		<b>0</b>								
H	FILLING OF EARTH TILL PLINTH LVL	cubic ft	5985.25		0								
	<b>TOTAL</b>		<b>5985.25</b>		<b>0</b>								
I	DOOR WINDOW SCHEDULE												
	Door of size 4 ft x 8 ft (D1)	Nos	3		0								
	Door of size 3.5 ft x 7 ft (D2)	Nos	4		0								
	Door of size 2.5 ft x 7 ft (D3)	Nos	5		0								
	Window of size 6 ft x 4 ft (W1)	Nos	8		0								
	Window of size 8 ft x 3.5 ft (W2)	Nos	4		0								
	Ventilator of size 8 ft x 3.5 ft (V1)	Nos	9		0								
	Ventilator of size 2.5 ft x 1.5 ft (V2)	Nos	5		0								
	Shutter of size 8ft x 11ft (R/S)	Nos	3		0								
	M.S. Gate of size 12' x 6' (M/S)	Nos	1		0								
	<b>TOTAL</b>				<b>0</b>								
J	COLUMN												
1	COLUMN OF SIZE 12" X 18" NOS - 14												
	Concrete in Column	cubic ft	84.00		0	1.54	18.90	2.66					
	Reinforcement in Column								462		246	246	
2	COLUMN OF SIZE 12" X 12" NOS - 3												
	Concrete in Column	cubic ft	12.00		0	0.21	2.70	0.39					
	Reinforcement in Column								80		54	54	

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						SAND TON	CEMENT BAGS	AGGREGATES TON	BRICKS NOS	8 MM FT	10MM FT	12MM FT	16MM FT
	<b>GROUND FLOOR</b>												
3	COLUMN OF SIZE 9" X 9" NOS - 13												
	Concrete in Column	cubic ft	80.44		0	1.47	18.03	2.56					
	Reinforcement in Column									708		629	
	TOTAL				0								
K	BEAM OF SIZE 9" X 9"												
	Concrete in Beam	cubic ft	96.2		0	1.75	21.56	3.06					
	Reinforcement in Beam									846		684	
	TOTAL				0								
L	STEEL SHEET SLOPING ROOF												
	Steel sheet 3'-6" wide (specification should be finalised by fabricator)	ft	2000		0								
	TOTAL				0								
M	STEEL SHEET WALL												
	Steel wall (specification should be finalised by fabricator)	ft	400		0								
	TOTAL				0								
N	STEEL FABRICATION												
	Steel framing 200 x 100 mm MS Girder (specification should be finalised by fabricator)	ft	875		0								
	MS Pipe 3" x 3" (specification should be finalised by fabricator)	ft	745		0								
	TOTAL				0								
O	PLUMBING WORK												
	Laying of pipes	Sq ft	500		0								
	W.C. with cistern	Nos	4		0								
	Wash basin for bath	Nos	5		0								
	Urinal	Nos	3		0								
	Faucet for wash basin	Nos	5		0								
	Tap for toilet	Nos	4		0								
	Angle Valve with hose	Nos	20		0								
	Shower with angle valve & Faucet Mixture	Nos	4		0								
	TOTAL				0								
P	ELECTRICAL WORK												
	Providing and fixing of wires, switch, socket, box, M.C.B, Lights, Fan. etc. and labour	Sq ft	5700		0								
	TOTAL				0								

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						SAND	CEMENT	AGGREGATES	BRICKS	8 MM	10MM	12MM	16MM
						TON	BAGS	TON	NOS	FT	FT	FT	FT
	<b>GROUND FLOOR</b>												
Q	FINISHES												
	Verandah/corridor (brick laying)	Sq ft	1500		0	5.41	26		8000				
	Flooring (oxide/tiles/any traditional method)	Sq ft	6980		0	18.36	113						
	Non skid tiles for toilet	Sq ft	200		0	0.42	3						
	Dado upto 8'-0" height with ceramaic tiles for toilet	Sq ft	870		0	1.69	11						
	Painting (as per requirement)	Sq ft	0		0								
	<b>GRAND TOTAL</b>				<b>0</b>	<b>105.49</b>	<b>857.84</b>	<b>75.81</b>	<b>45823</b>	<b>7416.5</b>	<b>1077</b>	<b>8870</b>	<b>640</b>
	<b>AR. MUDASSIR KHURSHEED</b>												

DATED : 26/08/2022