

Item No	Description	Unit	Qty	Rate	Amount
	A-SUB STRUCTURE				
	1. EXCAVATION & EARTH WORK				
1.01	Clear and remove top soil to an average depth of 20 cm.	m ²	368.56		
1.02	Bulk excavation in ordinary soil to reduce levels to the designed level up to 500mm .	m ³	164.71		
1.03	Back fill around foundation	m ³	290.51		
1.04	Cart away surplus excavated materials from the site as per the Engineer's instruction.	m ³	327.97		
1.05	45cm basaltic stone hard core under concrete floor	m ²	274.88		
	Total carried to Summary				
	2. CONCRETE WORK				
2.01	50mm lean concrete quality C-5, 150 kg of cement/m ³ : under				
	a) Under foundation pad	m ²	56.93		
	b) Under Grade beam	m ²	26.79		
2.02	Reinforced concrete quality C-25				
	a) in pad foundation	m ³	27.7225		
	b) In grade beam	m ³	10.72		
	c) In 150mm thick ground floor slab	m ²	59.55		
	d) foundation column	m ³	2.73		
	e) Outside stairs	m ³	1.68		
2.03	Provide, cut and fix in position sawn zigba wood or steel formwork which ever appropriate.				
	a)To grade beam	m ²	10.72		
	b)To steps	m ²	9.16		
	c) Foundation pad	m ²	65.62		
	d) foundation column	m ²	26.40		
2.04	Mild steel reinforcement				
	a) dia 6 mm plain bar	kg			
	b) dia 8 mm deformed bar	kg	859.00		
	c) dia 10 mm deformed bar	kg	147.00		
	d) dia 12 mm deformed bar	kg			
	e) dia 14 mm deformed bar	kg			
	f) dia 16 mm deformed bar	kg	963.00		
	g) dia 20 mm deformed bar	kg	2435.00		

	h) dia 24 mm deformed bar	kg			
	Total carried to summary		4404		
2.05	10mm thick expansion joint filler under grade beam	m	44.65		
	Total carried to Summary				
	3. MASONRY WORKS				
3.01	500mm thick hard trachytic roughly dressed stone masonry foundation wall below ground level bedded in cement mortar mix ratio (1:3)	m3	21.64		
	Total carried to Summary				
	B-SUPER STRUCTURE				
	1. CONCRETE WORK				
1.10	Reinforced concrete quality C-25,				
	a) In elevation columns	m3	13.82		
	b) In first floor beam	m3	10.72		
	c) In Top tiebeams	m3	10.72		
	d) Staircase and landing	m3	4.14		
	e) stair beam	m3	0.44		
	f) In Rc Gutter	m3	4.40		
	i) In 150mm first floor slab	m2	396.98		
	i) In 150mm flatfloor slab	m2	296.16		
	h) water tank slab	m2	11.78		
1.60	Mild steel reinforcement according to structural drawings. Price includes cutting, bending, placing in position , tying wire, concrete spacers and chairs.				
	a) dia 6 mm plain bar	kg			
	b) dia 8 mm deformed bar	kg	2151.00		
	c) dia 10 mm deformed bar	kg	1692.00		
	d) dia 12 mm deformed bar	kg			
	e) dia 14 mm deformed bar	kg	1561.00		
	f) dia 16 mm deformed bar	kg	1682.00		
	g) dia 20 mm deformed bar	kg	2716.00		
	h) dia 24mm deformed bar	kg			
	Total carried to Summary	kg	9802		
	2. BLOCK WORK				

2.10	20cm thick Class B external HCB wall which can satisfy the designed strength , bedded in cement mortar (1:3).Price shall include mortar bedding.	m ²	277.02		
2.20	Ditto as Item 2.01 but for 150mm HCB guard wall	m ²	353.60		
	Total carried to Summary				
	3. ROOFING				
3.10	1.38m ² corrugated iron sheet	m ²	412.20		
3.2	110mm PVC down pipe	ml	42.00		
3.3	Flashing.	ml	42.86		
3.4	Ridge cover	ml	9.25		
3.5	Washer	pcs	2980.00		
3.6	dome header	pcs	2980.00		
3.7	metal bracket	pcs	84.00		
3.8	fascia board	ml	39.60		
	Total carried to Summary				
	4. CARPENTRY & JOINERY				
4.20	Wood roof truss member :				
	a) 150x25mm	m	68.70		
	b) 200x25mm	m	64.02		
	c) 250x25mm	m	75.42		
4.30	50x40mm wooden battens c/c 60cm both ways	m	71.10		
4.40	Supply and fix 70x50mm zigba wood purlin c/c 90mm	m	360.00		
4.50	Ø110mm.UPVC Down pipes	m	42.00		
	5. ALUMINUM WORK				

5.1	Aluminium framed windows, top windows, window doors and doors As per iso standard aluminium frame profile thickness should be 2mm anodized thickness 15-25 micro unit , & all fixing accessories should be of same standard as that of the profile . Complete work according to suppliers instruction. Price includes 6mm thick non reflective clear glass				
	NB-All dimensions shall be verifies on site prior to production. All lockes,handles,springs& lashes shall be of best quality & approved by the Arch.				
	WINDOWS				
	a) Type W1 Size :1500x1500mm	no	14		
	b) Type W2 Size :1000x400mm	no	6		
	c) Type W3 Size :1000x1500mm	no	2		
	d) Type W4 Size :2500x2600mm	no	4		
	DOORS				
	a) Type D1 size 850x2600 mm	no	12		
	b) Type D2 size 700x2600 mm	no	16		
	c) Type D3 size 1300x2600 mm	no	2		
	d)Type D4size 1250x2600 mm	no	2		
	e) Type D5 size 2000x2100 mm	no	2		
5.2	Supply and fix Ø50mm CHS hand rail(2mm thick) of 40x40x2mm RHS Post Anchored to the slab, 40X40X2mm RHS handrail in two rows horizontally and 30X20X2mm Vertical C/C spacing 228mm price shall include one coats of antirest paint two coats of synthatic enamel paint and necessary works and material to full fill the jobs.	m	24.33		
	Total carried to Summary				

	<u>6. FINISHING</u>				
	Finishing work shall includes all surface pre cleaning, preparation of finish, polishing and cleaning at the end of finishing work. Apply two coats of plaster in cement mortar to				
6.1	External exposed concrete & concrete block wall surface	m ²	277		
6.2	Internal exposed concrete & concrete block wall surface	m ²	396		
6.3	Concrete ceiling surface	m ²	293		
6.4	Stair belly,sides & landing	m ²	203		
	water tanker ceiling	m ²	502		
6.5	Apply fine coat of fine cement sand plaster to internal plastered surface	m ²	396		
6.6	Gypsum plastering to all internal plastered surface	m ²	396		
6.7	Gypsum board suspended ceiling nailed on & including 4x4cm zigba batten at c/c60cm both ways price includes corner list & all suspension material complete work	m ²	106		
6.8	6mm thick glazed ceramic wall tile bedded on & including cement mortar backing and joints grouted in white cement.	m ²	148		

6.9	9mm thick non slippery ceramic floor tile bedded on and including 41mm thick cement sand screed and joints grouted	m ²	19		
6.10	Ceramic tile skirting stuck to wall with cement mortar	m	155		
6.11	Copping in marble tile bedded in cement mortar & joints grouted .Size - 20/2cm	m	150		
6.12	perquert skirting	m	118		
6.11	3cm thick marble floor for landing on and including 20mm thick cement mortar bed and joints grouted in cement mortar.	m ²	190		
	TOTAL TO SUMMARY.....	BIRR			
	<u>7. PAINTING</u>				
	Quartz paint				
7.1	External plastered wall surface	m ²	396		
	Prepare and apply by brush three coats of				
	synthetic enamel paint to:-				
7.2	Internal plastered wall surface	m ²	209		
7.3	plastered ceiling surface	m ²	293		
7.4	plastered stair case belly & sides surface	m ²	197		
7.5	Gypsum board ceiling surface	m ²	293		
	TOTAL TO SUMMARY.....	BIRR			
	<u>8) GLAZING</u>				
8.1	5mm thick clear glass glazed with beads, rubber gasket and sealant to alumunium profile frames.	m ²	56.12		
	Total carried to Summary				