

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
	GROUND FLOORS				
	SUBSTRUCTURE				
	ALL PROVISIONAL				
	The work in this element includes all works up to and including Ground floor slab				
A	Clear site of all bushes, shrubs and under growth including grabbing up their roots	SM	3,600	1,000	3,600,000
B	Allow for maintaining and upholding sides of excavation : clear off all fallen material, rubbish.	ITEM	1	3,340,000	3,340,000
C	Allow for keeping the whole of the excavation free from general water including runoff during the construction process	ITEM	1	3,150,000	3,150,000
D	Excavate vegetable soils to an average depth of 150mm	SM	3,600	1,000	3,600,000
E	Excavate for reduced levels to a depth N.E 150mm	CM	720	1,000	720,000
F	Excavate for column bases commencing at reduced level but 1.5- 3.0m deep.	CM	193	9,000	1,737,000
G	Excavate for strip foundation commencing at reduced level but not exceeding 1.5m deep.	CM	71	9,000	639,000
G	Excavate for strip foundation commencing at reduced level but but 1.5- 3.0m deep.	CM	567	12,000	6,804,000
H	Return fill and ram selected excavated material around foundations.	CM	132	7,000	924,000
H	Load and remove from site surplus excavated materials	CM	400	12,000	4,800,000
I	Approved murrum fill : well compacted in 150mm thick layers.	CM	297	23,000	6,831,000
J	150mm Thick Bed of handpacked hardcore base, well rolled and compacted	SM	542	16,000	8,672,000
K	50mm thick sand blinding over surfaces of hardcore	SM	542	5,000	2,710,000
L	Antitermite treatment to surfaces of hardcore, top of foundation walling, edges and bottom of excavation.	SM	542	4,000	2,168,000
M	Antitermite treatment to sides and bottoms of excavation.	SM	890	4,000	3,560,000
	TO COLLECTION				<u>53,255,000</u>

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
	CONCRETE WORKS				
	PLAIN CONCRETE C12/15 concrete				
A	50mm Thick blinding layer under column bases	SM	52	60,000	3,105,000
B	Ditto under strip foundations	SM	112	60,000	6,696,000
	VIBRATED PLAIN CONCRETE C20/25 IN:				
C	Strip foundation footing	CM	22	500,000	11,160,000
	VIBRATED REINFORCED CONCRETE CLASS C20/25 IN:				
D	Column bases	CM	16	600,000	9,315,000
E	Column stubs	CM	7	600,000	4,200,000
F	Ground beams	CM	17	600,000	10,300,500
H	100mm thick ground floor slab	SM	464	105,000	48,767,292
	PLINTH WALLING				
	well burnt clay walling jointed and pointed in cement sand (1:3) mortar : with and including hoop iron wall ties every alternate course : in				
I	200mm Thick walls.	SM	494	55,000	27,193,320
	STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks				
	REINFORCEMENT TO COLUMN BASES				
K	16mm Diameter bars	KG	2,357	6,000	14,142,000
L	12mm ditto	KG	567	6,000	3,402,000
	REINFORCEMENT TO STUB COLUMNS				
M	8mm Diameter bars	KG	345	6,000	2,070,000
N	16mm ditto	KG	2,677	6,000	16,062,000
	REINFORCEMENT TO GROUND BEAMS				
O	8mm Diameter bars	KG	519	6,000	3,115,000
P	16mm ditto	KG	2,376	6,000	14,256,000
	STEEL FABRIC REINFORCEMENT TO BS 4483 as described				
Q	No. A 142 Fabric Mesh reinforcement weighing 2.22 Kg. per square meter fixed in slab;	SM	464	13,500	6,270,080
	FORMWORK				
R	Vertical sides of column bases	SM	156	12,000	1,872,000
S	Vertical sides of columns	SM	60	12,000	720,000
T	Edges of floor bed 100mm high	LM	103	7,700	793,100
V	Edges of ground beams	SM	210	12,000	2,520,000
	TO COLLECTION				185,959,292

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
	SUNDRIES				
A	20 SWG Hoop Iron wall tie 25mm wide x 450mm long cast 75mm into concrete and built into joint of brickwalling.	LM		2,900	2,436,000
			840		
	DAMP PROOF MEMBRANE				
B	1000 Gauge polythene sheeting laid on blinded hardcore	SM	464	4,500	2,090,027
	R.C. FRAME				
	CONCRETE WORK				
	VIBRATED REINFORCED CONCRETE CLASS C25/30				
A	Columns	CM	25	600,000	15,000,000
B	Beams	CM	15	600,000	9,000,000
	HOLLOW MAXPAN SLAB CONSTRUCTION				
C	175mm Thick composite suspended slab consisting of reinforced concrete Class 25 in 50mm topping and 150mm wide ribs at 450mm centers : Maxspan size 300mm long x 300mm wide x 175mm high including filling ends of composite slabs with concrete class 25	SM	464	101,000	46,909,490
D	150mm thick Solid concrete suspended slab to structural engineer's details Including necessary waterproofing	SM	464	120,000	55,734,048
	STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks				
	MILD STEEL ROUND BARS TO BS 4449				
E	8mm diameter bars	KG	397	6,000	2,380,000
	RIBBED BARS to BS 5950				
F	12mm diameter bars	KG	3567	6,000	21,402,000
G	16mm diameter bars	KG	3457	6,000	20,742,000
	16mm diameter bars	KG	1,200	6,000	7,200,000
	FORMWORK TO:-				
I	Vertical sides of columns	SM	321	20,000	6,420,000
J	Vertical sides of beams.	SM	215	20,000	4,300,000
K	Soffittes of horizontal suspended slabs	SM	245	20,000	4,900,000
L	soffittes of beams; 225 - 300mm high	SM	40	20,000	800,000
N	Edges of slab 135: - 180mm high	LM	15	7,500	112,500
	TO COLLECTION				199,426,065

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
	STEEL FABRIC REINFORCEMENT TO BS 4483 as described				
A	No. A 142 Fabric Mesh reinforcement weighing 2.22 Kg. per square meter fixed in slab;	SM	185	12,500	2,312,500
	SUNDRIES				
B	20 SWG Hoop Iron wall tie 25mm wide x 450mm long cast 75mm into concrete and built into joint of blockwalling.	LM	210	2,500	525,000
	TO SUMMARY				2,837,500
	ELEMENT NO.3				
	STAIRCASE AND BALUSTRADING - Staircase 1.				
	VIBRATED REINFORCED CONCRETE CLASS 25 (15Mpa/19mm concrete with 20mm max. aggregate size) IN:				
A	Staircases	CM	5	600,000	3,000,000
	STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary twist wire and spacing blocks				
	RIBBED BARS to BS 5950				
C	12mm diameter bars	KG	120	4,500	540,000
D	16mm diameter bars	KG	540	4,500	2,430,000
	FORMWORK.				
	Sawn formwork as described to:-				
E	Soffits of staircase.	m ²	14	20,000	280,000
F	Edges of floor bed; over 75mm but not exceeding 150mm high - to waists..	m ²	13	20,000	260,000
E	Edges of floor bed; over 75mm but not exceeding 150mm high - Sides of risers.	m	31	7,000	217,000
	FINISHES				
	CEMENT AND SAND (1:4) SCREEDS : finished to receive tile finishes				
I	40mm Thick screed backing - to landing	SM	5	15,000	75,000
J	40mm Thick screed backing - to treads 260mm wide.	m	28	9,750	273,000
J	40mm Thick screed backing - to 150mm high risers	m	31	9,750	302,250
	TILE FINISHING.				
	Supply and fix high quality ceramic floor tiles of approved colour, quality and pattern; from an approved supplier; fixed with approved adhesive and grout and pointing with white cement; fixed strictly in accordance with the manufacturer's instruction:				
G	200 x 600 x 9mm thick; laid on prepared backing measured separately) -to landing and waists.	m ²	6	60,000	360,000
G	200 x 600 x 9mm thick; laid on prepared backing measured separately) -to treads and risers.	m	50	30,000	1,500,000
	TO COLLECTION				9,237,250

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
A	INTERNAL LIME PLASTER first coat of cement, lime putty and sand (1:2:9), second coat of cement, lime putty and sand (1:1:6) Steel trowelled smooth 15mm thick two coat - to soffits of suspended staircase.	SM	13	16,000	208,000
C	Ditto but to staircase waist	SM	1	16,000	16,000
D	PREPARE AND APPLY ONE MIST COAT AND THREE COATS silk vinyl emulsion paint internally on: Steel trowelled plastered soffits of suspended staircase.	SM	13	19,000	247,000
F	Ditto but to staircase waist	SM	1	19,000	19,000
	NEW MILD STEEL BALUSTRADES.				
	Supply and fix the following mild steel balustrade constructed from 50 x 5mm thick mild steel flat top rail; complete with and including 30 x 3mm thick mild steel flat bar balusters at approximately 125mm centres bent and welded to side of stringer as per Architect's detailed drawing; complete with and including 130mm girth x 10mm thick L-shaped plate (once bent) to stringer; complete with and including securely and firmly fixing to mild steel staircase (measured separately); all welded together and primed with zinc chromate primer before delivery to site; complete with and including all				
G	1000mm high railing.	m	20	130,000	2,600,000
	TO COLLECTION				3,090,000
	STAIRCASE AND BALUSTRADING - Staircase 2				
	HARDCORE FILLING.				
	Approved imported hardcore bed, well deposited, levelled and consolidated:-				-
D	170mm Thick.	m ²	24	135,000	3,240,000
E	50mm thick layer of sand; well watered and rolled to receive concrete.	m ²	24	5,000	120,000
	CONCRETE WORK				
	VIBRATED PLAIN CONCRETE CLASS 20 (15Mpa/19mm concrete with 20mm max. aggregate size) IN:				
C	Strip foundation footing	SM	24	77,000	1,848,000
	VIBRATED REINFORCED CONCRETE CLASS 25 (15Mpa/19mm concrete with 20mm max. aggregate size) IN:				
A	Staircases	CM	2	600,000	1,200,000
B	175mm thick Landing	SM	14	87,500	1,225,000
	STEEL REINFORCEMENT as described including cutting to length, bending, hoisting and fixing and including all necessary tying wire and spacing blocks				
	RIBBED BARS to BS 5950				
C	12mm diameter bars	KG	75	3,800	285,000
D	16mm diameter bars	KG	616	3,800	2,340,800
	FORMWORK.				
	Sawn formwork as described to:-				
E	Soffits of staircase.	m ²	23	20,000	460,000
F	Edges of floor bed; over 75mm but not exceeding 150mm high - to waists..	m ²	10	20,000	200,000
E	Edges of floor bed; over 75mm but not exceeding 150mm high - Sides of risers.	m	26	7,000	182,000
	FINISHES				
	CEMENT AND SAND (1:4) SCREEDS : finished to receive tile finishes				
I	40mm Thick screed backing - to landing	SM	14	15,000	210,000
J	40mm Thick screed backing - to treads 260mm wide.	m	23	9,750	224,250
J	40mm Thick screed backing - to 150mm high risers	m	26	9,750	253,500
	TILE FINISHING.				
	Supply and fix high quality ceramic floor tiles of approved colour, quality and pattern from approved supplier; fixed with approved adhesive and grout and pointing with white cement; fixed strictly in accordance with the manufacturer's instructions				
G	200 x 600 x 9mm thick; laid on prepared backing measured separately) -to landing and waists.	m ²	17	60,000	1,020,000
G	200 x 600 x 9mm thick; laid on prepared backing measured separately) -to treads and risers.	m	49	60,000	2,940,000
	TO COLLECTION				15,748,550

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
A	INTERNAL LIME PLASTER first coat of cement, lime putty and sand (1:2:9), second coat of cement, lime putty and sand (1:1:6) Steel trowelled smooth 15mm thick two coat - to soffits of suspended staircase.	SM	23	16,000	368,000
C	Ditto but to staircase waist	SM	3	16,000	48,000
D	PREPARE AND APPLY ONE MIST COAT AND THREE COATS silk vinyl emulsion paint internally on:				
D	Steel trowelled plastered soffits of suspended staircase.	SM	23	19,000	437,000
F	Ditto but to staircase waist	SM	3	19,000	57,000
	NEW MILD STEEL BALUSTRADES.				
	Supply and fix the following mild steel balustrade constructed from 50 x 5mm thick mild steel flat top rail; complete with and including 30 x 3mm thick mild steel flat bar balusters at approximately 125mm centres bent and welded to side of stringer as per Architect's detailed drawing; complete with and including 130mm girth x 10mm thick L-shaped plate (once bent) to stringer; complete with and including securely and firmly fixing to mild steel staircase (measured separately); all welded together and primed with zinc chromate primer before delivery to site; complete with and including all necessary fixing accessories; all as per Engineer's drawing No.3:-				
G	850mm high railing.	m	7	130,000	910,000
	TO COLLECTION				1,820,000
	EXTERNAL WALLING				
	PRECAST CONCRETE CLASS 20; finished fair on all exposed surfaces including bedding and jointing in cement sand (1:3) mortar				
B	200 x 200mm lintels	LM	16	72,500	1,160,000
	BLOCK WORK solid concrete blocks jointed and pointed in cement sand (1:3) mortar : with and including hoop iron wall ties every alternate course : in				
C	200mm Thick walls	SM	158.064	70,000	11,064,480
	DAMP PROOF COURSE OF BITUMEN FELT TO B.S 743 Type A with 150mm laps including cement and sand (1:3) levelling bed				
D	200mm Wide	LM	91.8	2,500	229,500
	TO SUMMARY				12,453,980
	TO COLLECTION				
Q	ELEMENT NO.4				
	INTERNAL WALLING				
	BLOCK WORK solid concrete blocks jointed and pointed in cement sand (1:3) mortar : with and including hoop iron wall ties every alternate course : in				
A	200mm Thick walls	SM	585	70,000	40,965,120
	DAMP PROOF COURSE OF BITUMEN FELT TO B.S 743 Type A with 150mm laps including cement and sand (1:3) levelling bed				
B	200mm Wide	LM	183	2,500	457,200
	TO SUMMARY				41,422,320
	DOORS				
	STEEL DOORS Mild steel, side hung double door, swinging thru.90 deg., Sapele coated finish with apermanent louvered vent				
A		NO	5	1,224,000	6,120,000
B	Mild steel, side hung door, single door swinging thru.90 deg.	NO	8	734,400	5,875,200
	TO SUMMARY				11,995,200
	ELEMENT NO.6				
	WINDOWS				
	STEEL CASEMENT WINDOWS mildsteel side hung leaf Window round edged stainless steel handles -to architect's approval all dimensions to be checked on site prior to manufacture				
A		NO	11	900,000	9,900,000

ITEM	DESCRIPTION	UNIT	QTY	RATE (USHS.)	AMOUNT (USHS.)
	TO SUMMARY				9,900,000
	TILE FINISHING.				
	Supply and fix high quality ceramic floor tiles of approved colour, quality and pattern as approved supplier; fixed with approved adhesive and grout and pointing with white cement; fixed strictly in accordance with the manufacturer's instruction:				
G	200 x 600 x 9mm thick; laid on prepared backing measured separately).	m ²	464	60,000	27,867,024
C	100mm high skirting.	LM	275	12,000	3,296,160
	TO SUMMARY				31,163,184
	GF-OVERALL TOTAL				578,308,342