

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
BUILDERS WORKS					
<u>ELEMENT NO.1</u>					
<u>SUBSTRUCTURES</u>					
<u>(ALL PROVISIONAL)</u>					
NOTE; (I) All work measured under this element is up to and including the floor slab but excluding the finishes thereon					
A	Clear the site of all bush scrub undergrowth and small trees grub up roots and cart away or burn all arising (approx. area 78 sq. sm)	45	SM		
<u>Excavations and earthworks</u>					
B	Excavate oversite average 200mm deep to remove vegetable soil load up wheel and deposit about 100metres away and later spread and level on site where directed	45	SM		
C	Excavate for strip foundation trenches occurring not exceeding 1.5metres deep commencing from reduced level	22	CM		
D	Allow for planking and strutting to sides of excavations		ITEM		
Carried to Collections					

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<u>Disposal</u>				
A	Load surplus excavated material and cart away	9	CM		
	<u>Filling</u>				
B	Return, fill and ram selected excavated material around foundations; using mechanical compactor where necessary	13	CM		
	<u>Hardcore as described</u>				
C	300mm Thick layer of imported hardcore filling including levelling and consolidating in 150mm layers	12	CM		
	<u>Blinding</u>				
D	50mm Thick Quarry dust blinding to the surface of hardcore;rolled smooth to receive polythene sheeting(m.s)	40	SM		
	<u>Insecticide treatment</u>				
E	'TERMIDOL" or other equal and approved chemical insecticide treatment prepared and applied according to the manufacturer's printed instructions.	40	SM		
	<u>Damp proof membrane</u>				
F	500 Gauge polythene or other equal and approved plastic sheet damp proof membrane laid over blinding(measured nett - allow for laps)	40	SM		
	<u>In-situ concrete work</u>				
	<u>Mass concrete (1:3:6/38-38mm aggregate)</u>				
G	50mm Thick blinding under strip foundations	19	SM		
	Carried to Collections				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<u>Vibrated reinforced concrete</u> <u>(1:2:4/20-20mm aggregate) as described in:</u> Strip foundations	6	CM		
B	100mm Thick ground floor slab	40	SM		
	<u>Steel reinforcement bars</u> <u>including bending, hooks, tyingwire, cutting</u> <u>spacers and supporting all in position as described</u>				
C	<u>High tensile square twisted bars to B.S. 4461</u> Assorted 8 - 25 mm Diameter	106	KG.		
D	<u>Mesh reinforcement</u> Fabric mesh reinforcement to B.S. 4483 ref: A142 including laps tyingwire and spacer blocks complete(measured nett-allow for laps)	40	SM		
E	<u>Sawn formwork as described to:</u> Edge of floor slab 75-150mm high	31	LM		
	Carried to Collections				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<p><u>Foundation walling</u></p> <p>200mm Thick rough chisel dressed natural stone walling bedded and jointed in cement and sand (1:3) mortar and reinforced with and including 20swg x 25mm wide hoopiron in every alternate course</p>	37	SM		
B	<p><u>Plinth area finishes</u></p> <p>12mm Thick cement and sand (1:3) wood float render to plinth area</p>	9	SM		
C	<p>Prepare and apply three coats black bitumastic paint to rendered area</p>	9	SM		
	<p style="text-align: center;"><i>Carried to collection below</i></p> <p style="text-align: center;"><u>COLLECTION</u></p> <p style="text-align: center;">Brought Forward from Page No. BW</p> <p style="text-align: center;">Brought Forward from Page No. BW</p> <p style="text-align: center;">Brought Forward from Page No. BW</p> <p style="text-align: center;">Brought Down from Page No. BW</p>		<p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: center;">3</p> <p style="text-align: center;">4</p> <p style="text-align: center;">Above</p>		
	<p><u>TOTAL FOR ELEMENT NO.1 SUBSTRUCTURES CARRIED TO SUMMARY</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A.	<u>ELEMENT NO. 2</u> <u>REINFORCED CONCRETE SUPERSTRUCTURE WORKS</u> <u>(ALL PROVISIONAL)</u> <u>Vibrated reinforced concrete</u> <u>(1:2:4/20 - 20mm aggregate) as</u> <u>described in:-</u> Beam	2	CM		
B	<u>Steel reinforcement bars</u> <u>including bending, hooks, tying wire, cutting, spacer</u> <u>blocks and supporting all in position</u> <u>High tensile square twisted bars to</u> <u>B.S. 4461 as described in :</u> Assorted 8 - 25 mm Diameter	165	KG.		
C	<u>Sawn formwork as described to :</u> Sides and soffits of ringbeam/beams	21	SM		
	<u>TOTAL FOR</u> <u>ELEMENT NO. 2</u> <u>REINFORCED CONCRETE SUPERSTRUCTURE WORKS</u> <u>CARRIED TO SUMMARY</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>ELEMENT NO. 3</u></p> <p><u>WALLING</u> <u>(ALL PROVISIONAL)</u></p> <p><u>Fine chiselled natural stone walling bedded and jointed in cement and sand (1:3) mortar and reinforced with and including 20swg x 25mm wide hoopiron; with horizontal keys externally; internally left plain ready for plaster (m.s)</u></p> <p>A 200mm Thick reinforced in every third course</p> <p>B 200mm Wide levelled and bedded in cement and sand (1:3) mortar under walls</p> <p><u>Horizontal damp proof course ; one layer of 3 - ply bituminous felt or other equal and approved (measured nett - allow for laps)</u></p>	98	SM		
	<p><u>TOTAL FOR ELEMENT NO. 3 WALLING</u> <u>CARRIED TO SUMMARY</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>ELEMENT NO. 4</u></p> <p><u>ROOFING AND RAIN WATER DISPOSAL</u></p> <p><u>(ALL PROVISIONAL)</u></p> <p><u>CONSTRUCTION</u></p> <p><u>All timber to be sawn cypress of G.S grade seasoned to an equilibrium moisture content between 9%and 15% and to a requirement of K.S 02771 of 1991 treated with approved wood preservative.</u></p> <p>A 100 X 50mm Wall plate on and including 10mm cement and sand (1;4) mortar bed secured to reinforced concrete ring beam (m.s) by mild steel anchor bolts (m.s)</p> <p><u>The following in Nailed triangular timber trusses spanning clear 9000 mm height 2500 mm including hoisting and placing approx. 15000 mm above floor slab level.</u></p> <p>B 150 X 50 mm trussed rafter, Tie beam and the like</p> <p>C 100 X 50 mm Struts / ties</p> <p>D 150 X 50 mm purlins</p>	<p>14</p> <p>70</p> <p>25</p> <p>50</p>	<p>LM</p> <p>LM</p> <p>LM</p> <p>LM</p>		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>Covering</u></p> <p><u>Approved gauge 28 galvanised corrugated iron roofing sheets laid onto and including 50 x 100 celcured treated cypress battens - at approved centres:</u></p> <p>A Laid in approved pattern; including raking cutting where necessary</p> <p>B 300mm socketed angle ridge or valley to match</p> <p>C <u>Wrot cypress</u> 25 X200 mm Fascia board fixed to ends of rafters(m.s)</p>	<p>49</p> <p>12</p> <p>20</p>	<p>SM</p> <p>LM</p> <p>LM</p>		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<u>Rain Water disposal</u>				
	<u>The following in G24 Galvanised mild steel</u>				
D	150 X 100 mm Mild square box gutter fixed to fascia board with and including approved pattern brackets at 1000 mm cc	20	LM		
E	<u>Extra over</u> gutter for stopped end piece with 100 mm diameter outlet	4	NO		
F	100 diameter x 3 mm Thick cold rolled steel pipe fixed to natural stone walling with and including mild steel brackets 600mm centres	12	LM		
G	<u>Extra over</u> down pipe for 100 mm diameter swan neck wall off set	4	NO		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<u>Extra over</u> down pipe for 100 mm diameter rain water shoe <u>Painting</u> <u>Prime only back of wood before fixing</u>	4	NO		
B	Surfaces 100-200mm girth <u>Knot prime stop and prepare and apply one under coat and two finishing coats of gloss oil paint to;</u>	20	LM		
C	General surfaces of steel fascia 200 - 300mm girth <u>Prepare and apply one coat of calcium plumbate and two coats of gloss oil paint to :-</u>	20	LM		
D	General surfaces metal	20	SM		
<i>Carried to collection</i>					
<u>COLLECTION</u>					
Brought Forward from Page No. BW			7		
Brought Forward from Page No. BW			8		
Brought Forward from Page No. BW			9		
Brought Down from			Above		
<u>TOTAL FOR ELEMENT NO. 4 ROOFING AND RAIN WATER DISPOSAL CARRIED TO SUMMARY</u>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<p><u>ELEMENT NO. 5</u></p> <p><u>EXTERNAL WALL FINISHES</u> (ALL PROVISIONAL)</p> <p>12mm thick cement,sand render,with wood float finish , as described to:-</p> <p>Concrete surfaces of gambles, columns, beams, windows and doors reveals</p>	10	SM		
B	<p><u>Painting and decorations</u></p> <p><u>Prepare and apply first quality duracoat or crown one undercoat and two finishing coats "Permacoat" or equivalent exterior quality, silicon emulsion paint on:-</u></p> <p>Concrete surfaces of gambles, columns, beams, windows and doors reveals</p>	10	SM		
	<p><u>TOTAL FOR</u> <u>ELEMENT NO. 5</u> <u>EXTERNAL WALL FINISHES</u> <u>CARRIED TO SUMMARY</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<p><u>ELEMENT NO. 6</u></p> <p><u>INTERNAL WALL FINISHES</u> (ALL PROVISIONAL)</p> <p>Hack out joints and apply 15 mm thick gauged lime plaster (1:2:9) in two coats finished with steel trowel on natural stone walling and beams</p>	126	SM		
B	<p><u>Painting and decorations</u></p> <p><u>Prepare and apply First quality duracoat or crown one undercoat and two finishing coats plastic silk Vinyl matt or equivalent emulsion paint on:-</u></p> <p>Plastered surfaces</p>	126	SM		
	<p><u>TOTAL FOR</u> <u>ELEMENT NO. 6</u> <u>INTERNAL WALL FINISHES</u> <u>CARRIED TO SUMMARY</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<u>ELEMENT NO. 7</u> <u>FLOOR FINISHES</u> (ALL PROVISIONAL) <u>In situ cement and sand (1:3) screeded beds ,with</u> <u>steel trowelled finish, on concrete</u> 25 mm coloured screed	40	SM		
	<u>TOTAL FOR</u> <u>ELEMENT NO. 7</u> <u>FLOOR FINISHES</u> <u>CARRIED TO SUMMARY</u>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>Steel Casement Windows</u></p> <p><u>Purpose made steel window casements in 25 mm thick z-sections, T-sections and flat bars; complete with hinges, stavs, fasteners, permanent vent with mosquito gauze and sheet metal hood etc assembled and fixed to opening including cutting and pinning lugs to concrete or blockwork surround and bedding frame in cement and sand mortar (1:4) (Burglar proofing grilles in 25 x 25 x 3 mm SHS and framed in 50 x 25 x 3 mm RHS included)</u></p> <p>A Window Size 1500 x 1200 mm high</p> <p>B Window Size 1200 x 750 mm high</p>	4	NO		
	Carried to collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<u>GLASS & GLAZING TO METAL WITH PUTTY</u> <u>Clear sheet Glass</u> 4 mm thick	7	SM		
C	<u>Prepare and apply two undercoats and one finishing coat gloss oil paint to</u> Steel window surfaces / grilles; Internally / Externally (measured generally)	7	SM		
	Carried to collection <p style="text-align: center;"><u>COLLECTIONS</u></p> <p style="text-align: center;">Brought Forward from Page No. BW</p> <p style="text-align: center;">Brought Down from</p>		14 Above		
	<u>TOTAL FOR ELEMENT NO 9 WINDOWS</u> CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<p><u>ELEMENT NO. 10</u></p> <p><u>DOORS</u> <u>(ALL PROVISIONAL)</u></p> <p><u>Steel Casement Doors</u></p> <p><u>Standard door complete with hinges, permanent vent with mosquito gauze and sheet metal hood etc assembled and fixed to opening including cutting and pinning lugs to concrete or blockwork surround and bedding frame in cement and sand mortar (1:4) (Grille, 3 lever "Union" or approved equivalent steel lock and Glazing included)</u></p>				
A	Door Overall size 900 x 2100 mm high; Single door	3	NO		
	<u>Prepare and Apply Three Coats of Gloss Oil Paint to:-</u>				
B	Steel door general surfaces	9	SM		
C	Ditto 200 to 300mm girth.	13	LM		
D	Ditto 100 to 200mm girth.	13	LM		
	<p><u>TOTAL FOR</u> <u>ELEMENT NO. 10</u> <u>DOORS</u> <u>CARRIED TO SUMMARY</u></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
A	<p><u>ELEMENT NO 11</u></p> <p><u>EXTERNAL WORKS</u></p> <p><u>Paving slabs</u></p> <p>600 X 600 X 50 MM thick precast concrete paving slabs laid onto and including 50 mm thick sand bed and jointed in cement / sand (1:4) mortar; allow for all necessary excavation, carting away and spreading on site excavated material and laying 200mm thick hardcore base</p>	15	SM		
	<p><u>TOTAL FOR</u> <u>Paving slabs</u> <u>ELEMENT NO 11</u> <i>CARRIED TO SUMMARY</i></p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
BUILDERS WORKS <u>SUMMARY</u>					
		PAGE	NO		
1	SUBSTRUCTURES	BW	4		
2	REINFORCED CONCRETE SUPERSTRUCTURE WORKS	BW	5		
3	WALLING	BW	6		
4	ROOFING AND RAIN WATER DISPOSAL	BW	10		
5	EXTERNAL WALL FINISHES	BW	11		
6	INTERNAL WALL FINISHES	BW	12		
7	FLOOR FINISHES	BW	13		
9	WINDOWS	BW	15		
10	DOORS	BW	16		
11	EXTERNAL WORKS	BW	17		
TOTAL FOR BUILDERS WORKS CARRIED TO GRAND SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
<u>PROVISIONAL SUMS</u>					
A	Allow a Provisional Sum for Electrical works	SUM			50,000.00
B	Allow a Provisional Sum for Project Management Committee	SUM			30,000.00
B	Allow a Provisional Sum for Project Management Administration	SUM			30,000.00
C	Allow a provisional sum for contingencies	SUM			10,000.00
D	Allow a provisional sum for project sign board	SUM			15,000.00
TOTAL FOR PROVISIONAL SUMS CARRIED TO GRAND SUMMARY					135,000.00

ITEM	DESCRIPTION	QTY	UNIT	RATE	TOTAL
	<u>GRAND SUMMARY</u>				
		PAGE	OFFICIAL USE	TENDERER'S USE	
	<u>PRELIMINARIES</u>				
1	Particular and General Preliminaries				
	<u>BUILDERS WORKS</u>				
2	Builders Works	BW/18			
	<u>PROVISIONAL SUMS</u>				
3	Provisional Sums	BW/19			
	Sub - Total	KSHS.			
	GRAND TOTAL CARRIED TO FORM OF TENDER	KSHS.			
	SAY,	KSHS.			

NAME OF TENDERER.....

ADDRESS.....

SIGNATURE..... STATUS

DATE.....

NAME OF WITNESS.....

ADDRESS.....

SIGNATURE.....

DATE.....