

HAY STORE				DATE: 20th Jan/ 2019	
Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
<u>SUB-STRUCTURE WORKS/ ALL PROVISIONALS</u>					
<u>BILL NO.1</u>					
SITE CLEARANCE					
A	Clear site of bushes,shrubs and the like, grup up there root and burn the arisings.	SM	423		
B	Excavate vegetable top soil average 150mm deep set aside in spoil heaps and later spread around the site as directed.	SM	423		
C	Excavate oversite commencing from stripped level average depth 300mm but not exceeding 1.5m deep	SM	361		
D	Excavate foundation trench not exceeding 1.50m deep commencing from stripped level and backfill	CM	135		
E	Ditto but to column bases for timber posts	CM	104		
F	Allow for keeping excavations free from all water by pumping or otherwise and allow for plunking and struting.	ITEM	1	10,000.0	
<u>Disposal</u>					
G	Load,wheel and cart away surplus soil.	CM	123		
Hardcore filling					
H	Imported and Hand packed hardcore; watered and well compacted in 150mm thickness upto 300mm maximum depth.	SM	361		
J	50mm thick murrum blinding to surfaces of hardcore	SM	361		
Anti-termite treatment					
K	Termidor' or other equal and approved chemical treatment to surfaces of blinded hardcore and around foundations; apply in accordance with manufacturers specification; provide a ten(10) written quarantee against termites	SM	361		
Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps)					
L	Fabric mesh ref:A98 weighing 0.54kg per square metre in floor bed	SM	361		
Carried to collection					

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	DAMP PROOF MEMBRANE				
A	1000 gauge polythene damp proof memmbrane laid under surface bed with 300mm side and end laps (measured net - allow for laps)	SM	361		
	CONCRETE				
B	50mm thick concrete (1:4:8 mix) blinding under footings	SM	89		
C	Ditto but to timber column Bases	SM	58		
	Insitu concrete class 20/20, vibrated and reinforced as described, in:-				
D	strip footing	CM	9		
E	Ditto but to 450mm high groundbeam	CM	9		
F	125mm thick surface bed	SM	361		
	Reinforcement works all in accordance with the Engineer's details and approval including all cutting,bending,laying and binding wire to;				
G	strip footing	Kg	360		
H	Ditto but to column bases	Kg	1080		
	SAWN FORMWORK TO;				
J	Vertical sides of strip footing height 150-200mm high.	LM	308		
K	Ditto but to Column bases and foundation columns	SM	108		
L	Edges of ground floor slab over 75mm but not exceeding 150mm high	LM	89		
	FOUNDATION WALLS				
M	Supply and fix 200mm thick natural stone foundations walls bedded and jointed in c.s morta 1;3 with hoop iron bars.	SM	150		
	DPC				
N	Three -ply bituminous felt damp proof course bedded in cement and sand morta(1;3) 200mm Wide horizontal layer	LM	172		
	PLINTH FINISH				
P	<u>Cement and Sand 1:4 render</u> 12 mm thick render wood float	SM	45		
Q	<u>Prepare and apply two coats bituminous paint to:</u> Render surfaces externally	SM	45		
	Carried to collection				

Item	Description	Unit	Qty	Rate <i>Kshs</i>	Amount <i>Kshs</i>
	<u>COLLECTION</u>				
1	Total Brought Forward From Page No.1				
2	Total Brought Forward From Page No.2				
3	Total Brought Forward From Page No. 3				
	TOTAL CARRIED TO SUMMARY				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<u>SUPERSTRUCTURE WORKS</u>				
	<u>BILL NO. 2</u>				
	SHS Frame work				
	<u>Framed structural steel work, factory primed before delivery to site and to be executed by an approved skilled person.</u>				
A	Supply and fix 100X100mm x 3mm thick SHS firmly fixed to the ground including mass concrete base only verticle main members including horizontal hooks to carry horizontal members and as directed on site	Lm	372		
B	Supply and fix 100 x 50 mm timber framed horizontal members fixed to verticle main members to receive covering sheets m/s.	Lm	717		
	WALLINGS				
	External and internal wallings				
D	Supply and fix 30 gauge of pre-painted roofing sheets fixed to SHS framework with approved steel foofing screws m/s	SM	397.0		
E	Stainless steel selftapping screws	pkts	25.0		
F	Rubber washers	Kg	25.0		
	Total Carried to summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<p>BILL NO.3</p> <p>LOAD BEARING WALLINGS</p> <p><u><i>EXTERNAL WALLING (Plint area)</i></u></p> <p>200 mm thick natural chisel cut walling, jointed in cement and sand(1;3)mortar and including hoop iron reinforcement at alternate courses including all necessary working around all door and windows openings formed accurately as per Architects schedule</p> <p>A 200 mm thick walling</p> <p>B 200 mm thick Cable walls</p> <p>INTERNAL WALLING</p>				
	Carried to summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<u>BILL NO.4</u> <u>ROOF CONSTRUCTION AND COVERING</u>				
	MAIN ROOF- TIMBER TRUSSES				
	<i>Structural timber trusses in pressure impregnated treated sawn cypress including fabrication, jointing with necessary timber plates ,bolts and connecting plates, hoisting and fixing in position all in accordance with Engineers details and drawings</i>				
	100X50mm wall plate secured with and including 12mm diameter mild steel 'J'bolt				
A	100x50mm thick at 1500mm centers fixed to timber columns	LM	134		
B	150x50mm principle rafters	LM	456		
C	100x50mm but common rafters	LM	188		
D	100x50mm Tie beam	LM	276		
E	Ditto but king post	LM	111		
F	75x 50 mm but struts and ties.	LM	338		
G	75x50mm purlins	LM	660		
H	75x 50mm valley rafters	LM	60		
J	75 x 50mm Hipped rafters	LM	56		
	<u>ROOF FINISHES AND COVERING</u>				
	Box profile prepainted Roof covering at 20.0 degrees from horizontal including all necessary timber battens and fixtures Lean-to roof.				
K		SM	483		
	Wrot timber selected and kept clean				
L	225x25mm Fascia and barge board	LM	88		
	Prepare and apply Three coats gloss paint to :-				
M	knot prime and stop and apply three coats of gloss oil paints to General surfaces of timber 100 to 200mm girth externally	LM	88		
	Carried to collection				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
ITEM	Description	Unit	Qty	Rate	Amnt
	DOORS and Windows				
	<u>External doors</u>				
	ROLLER SHUTTER DOORS & IRON MONGERY-(Supply and fix items)				-
A	Supply and fix 2.8m high x 3.50m wide roller shutter door complete with manual rollers springs fixed with closing chain and painted with one undercoat paints before fixing and two coats of gloss paint to project managers approval.	NO	2		
	Burglarproof grills to windows				
B	Supply and fix Welded metal grill burglar proofing in 25mm SHS bars spaced 50mm centres fixed to timber framework, one coat primer before fixing to project managers approval.	SM	128		
	Total carried forward				

Item	Description	Unit	Qty	Rate Ksns	Amount Ksns
	BILL NO.7 FINISHES				
	EXTERNAL WALL FINISHES				
A	Horizontal key pointing and verticle flash joint to external surface of walls.	SM	50		
B	Prepare and apply one undercoat and two finishing coats acrylic paint or other approved by the architect Rendered walls externaly	SM			
	INTERNAL WALL FINISHES				
	12mm (minimum) cement sand (1:3) screed to;				
C	Steel trowelled smooth plasters to surfaces of wall to receive paint (m/s)	SM	50		
	PAINTING AND DECORATING				
D	Prepare and apply three coats silk vinyl emulsion paint or other approved by Architect To plastered surfaces of walls	SM	50		
	INTERNAL FLOOR FINISHES				
	<u>cement and sand (1:4) backing</u>				
E	32mm thick minimum cement and sand screed woodfloat finish to receive terrazo floor finish m/s.	SM	361		
	<u>Floor finish</u>				
F	Supply, deliver and fix 25mm thick Terrazo floor finish including dividing stips grounded smooth and with approved colour to project manager's approval.	SM	361		
G	150mm high skirting	LM	88		
	Carried Forward to Summary of Section No.				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	BILL NO 8				
	PC AND PROVISIONAL SUMS				
	<u>ELECTRICAL INSTALLATION</u>				
A	Allow a pc sum of kshs shillings only for Power supply and electrical installations works to later details and approval.	Item	1	150,000	
B	Allow for profits %			10%	
C	Allow for attendance			5%	
	<u>EXTERNAL WORKS</u>				
D	Allow a pc sum of kshs shillings only for external works, drive ways, parking area to later details and as instructed on site.	Item	1	400,000.0	
	PC AND PROVISIONAL SUMS				
E	Provide and install County Government Publicity Sign board as per the details given by the Engineer	No	1	30,000	
F	Allow a PC Sum for project managers' supervision and stationary	Pc	1	100,000	
	<u>CONTINGENCIES</u>				
G	Allow a pc sum of kshs shillings only for any unforeseen costs	Item	1	-	
	Total carried to main summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	SECTION SUMMARY				
1	Substructures works				
2	Reinforced concrete works				
3	External and internal walling				
4	Roof construction and covering				
5	Doors and Windows				
6	External, internal wall and ceiling finishes				
7	Allow a pc sum for Electrical instalation works				
	Summary for the proposed works carried to Grand summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<u>MAIN SUMMARY</u>				
	<u>PROPOSED WORKS</u>				
1	PRELIMINARIES				
2	BUILDERS' WORK				
	TOTAL COST WORK (V.A.T Inclusive)				

Amount in words.....
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Signed.....

Date.....

Official Stamp.....

Client

Name.....

Signature.....

Date.....