

PROPOSED MULTI-PURPOSE HALL					
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	171		
B	Excavate vegetable top soil average 150mm deep set aside in spoil heaps and later spread around the site as directed.	SM	171		
C	Excavate oversite commencing from stripped level average depth 300mm but not exceeding 1.5m deep	SM	158		
D	Excavate foundation trench not exceeding 1.50m deep commencing from stripped level and backfill	CM	88		
E	Ditto but to column bases	CM	41		
F	Allow for keeping excavations free from all water by pumping or otherwise and allow for plunking and struting.	ITEM	1	10,000.00	
<u>Disposal</u>					
G	Load,wheel and cart away surplus soil.	CM	131		
Hardcore filling					
H	Imported and Hand packed hardcore; watered and well compacted in 150mm thickness upto 300mm maximum depth.	SM	158		
J	50mm thick murrum blinding to surfaces of hardcore	SM	158		
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	158		
Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps)					
A	Fabric mesh ref:A142weighing 2.22kg per square metre in floor bed	SM	158		
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	158		
	CONCRETE				
B	50mm thick concrete (1:4:8 mix) blinding under footings	SM	40		
C	Ditto but to column Bases	SM	27		
	Insitu concrete class 20/20, vibrated and reinforced as described, in:-				
D	strip footing	CM	8		
E	Ditto but to column Bases	CM	2		
F	Ditto but to foundation columns	CM	1		
G	125mm thick surface bed	SM	158		
	Reinforcement works all in accordance with the Engineer's details and approval including all cutting,bending,laying and binding wire to;				
H	strip footing	Kg	240		
J	Ditto but to column bases and columns	Kg	270		
	SAWN FORMWORK TO;				
K	Vertical sides of strip footing height 150-200mm high.	LM	195		
L	Ditto but to Column bases and foundation columns	SM	20		
M	Edges of ground floor slab over 75mm but not exceeding 150mm high	LM	66		
	FOUNDATION WALLS				
N	200mm thick natural stone foundations walls bedded and jointed in c.s morta 1;3.	SM	78		
	DPC				
P	Three -ply bituminous felt damp proof course bedded in cement and sand morta(1;3) 200mm Wide horizontal layer	LM	102		
	PLINTH FINISH				
	Cement and Sand 1:4 render				
Q	12 mm thick render wood float	SM	51		
	Prepare and apply two coats bituminous paint to:				
R	Render surfaces externally	SM	51		
	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>REINFORCED CONCRETE WORKS SUPERSTRUCTURE</u>				
	<u>BILL NO. 2</u>				
	Vibrated reinforced concrete (1;2;4) class 20 in;				
A	Columns	CM	2		
B	Ditto but to Ring Beams.	CM	7		
	REINFORCEMENT (ALL PROVISIONAL)				
	Reinforcement in different sizes in structural concrete work all in accordance with the Engineer's details and approval including all cutting,bending,laying and binding wire to;				
D	Columns	kg	180		
E	Ditto but to Ring Beams.	kg	630		
	SAWN FORMWORK TO;				
G	Verticle Sides of Columns	SM	16		
H	Sides and soffits of ring Beam	SM	62		
	Total Carried to summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<p>BILL NO.3</p> <p><u>EXTERNAL WALLING</u></p> <p>Load bearing chisel cut natural stone 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 200mm thick walling</p> <p>B Ditto but to Cable ends.</p> <p><u>INTERNAL WALLING</u></p> <p>Load bearing chisel cut natural stone 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>C 150mm thick walling</p>	SM	111		
	Carried to summary				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	BILL NO.4				
	<u>ROOF CONSTRUCTION AND COVERING</u>				
	MAIN ROOF -TIMBER TRUSSES				
	<i>Structural timber trusses in pressure impregnated treated sawn cypress including including fabrication, jointing with necessary timber plates ,bolts and connecting plates, hoisting and fixing in position all in accordance with Engineers details and drawings meber.</i>				
	100X50mm wall plate secured with and including 12mm diameter mild steel 'J'bolt				
A	100 x 50mm thick at 1500mm centres cast in concrete ring beam	LM	65		
B	100x50mm principle rafters	LM	174		
C	100x50mm but common rafters	LM	148		
D	Ditto but tie beam and ceiling joist	LM	138		
E	Ditto but king post	LM	48		
F	Ditto but ridge board	LM	68		
G	75 x 50 mm but struts and ties.	LM	230		
H	75x50mm valley and hip rafters	LM	98		
J	75x50mm purlins	LM	230		
	<u>ROOF FINISHES AND COVERING</u>				
K	Box profile pre-painted Roof covering at 22.5 degrees from horizontal including all necessary timber battens and fixtures.	SM	230		
	EAVES FINISH				
L	Supply and fix approved suspended T&G ceiling from Vista Ltd or other equal and approved including all necessary	SM	30		
M	Wrot timber selected and kept clean 225x25mm Fascia or barge board	LM	62		
	Prepare and apply Three coats gloss paint to :-				
N	knot prime and stop and apply three coats of gloss oil paints to General surfaces of timber 100 to 200mm girth externally	SM	62		
	Total carried to collection				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
RAIN WATER DISPOSAL					
A	150mm diameter UPVC gutters fixed to fascia with including appropriate brackets hangers bends, and gutter spout or out lets for connection to down pipes by outs all in accordance with architect drawings.	LM	52		
B	Down Pipes with solvent welded joints, fixed to walls with holderbolts size 100 x 100 mm or any other approved	LM	8		
C	Extraover for swan kneck in pipe , size' - 100 x 100 mm	No.	2		
D	Extraover for shoe in pipe , size' - 100 x 100 mm	No.	2		
E	Extra for stopped ends in pipe , size' - 100 x 100 mm	No.	2		
Carried to collection					
<u>COLLECTION</u>					
1	Total Brought Forward From Page No.				
2	Total Brought Forward From above				
Carried Forward to summary of Section					

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	BILL NO.5 WINDOWS				
	<u>Supply and fix Steel casement windowssecti including mullions,5mm thick glass clear glass (m/s) to schedule and approval window section including mullions, window stays,fasteners all to architect's schedule and approval</u>				
A	window size 1500x1400mm high	NO	17		
B	window size 1800x1200mm high	NO	1		
C	window size 1800x1200mm high	NO	1		
D	window size800x600mm high	NO	2		
	<u>window cill</u>				
C	75mm cast insitu concrete cill in class 20 concrete	LM	37		
	Clear sheet glass				
D	5mm Glass and glazing to metal with putty in panes - 0.50 to 1.00 square metres	SM	41		
	PAINTING AND DECORATION				
E	Prepare and apply three coats of gloss oil paints to metal surface of window externally	SM	41.0		
F	ditto internally	SM	41.0		
	<u>pelmet boxes in approved sawn timber to approval</u>				
G	50x25mm bearer plugged	LM	37		
H	150x25mm top with one labour	LM	37		
J	150x25mm fascia with two labours	LM	37		
K	Boxed end to 150x150mm pelmet	NO	44		
L	twyfords curtain rail complete with rollers	LM	37		
	Carried Forward to summary of Section				

Item	Description	Unit	Qty	Rate	Amount Kshs
	BILL NO.6				
	DOORS & IRON MONGERY-(Supply and fix items)				
	<u>STEEL DOORS</u>				
	<u>Supply and fix steel door comprising 50 x 50 x 3mm thick RHS frame all round with 40 x 40 x 3mm thick SHS middle rail; The door divided into panels by 25 x 25 x 3mm SHS framework covered with 2.5mm m/s plate 1.0m above the floor both sides and 300mm wide vanlight; , priming door after prefabrication and fixing to 75 x 50 x 3mm RHS thick frame plugged with approved mild steel hinges and all necessary locks;</u>				
A	Door leaf size 1500x2400mm high	No	1		
A	Door leaf size 900x2400mm high to Kitchen yard	No	1		
B	35 x 25 mm rubber door stopper	NO	2		
	Prepare and apply Two finishing coats of gloss paint to :				
C	General surfaces of steel Doors internally	SM	6		
D	Ditto externally	SM	6		
	Timber doors				
	<u>45 mm Solid core flush doors faced both sides with 6 mm plywood zen veneered for polishing , moulded and lipped all round, size ;</u>				
E	900x2400mm	No.	5		
F	Ditto size 900x2100mm but semi-solid	No.	2		
	<u>Doors, frames and finishings in wrought hardwood</u>				
G	150 x 50 mm thick door frame with 3 labours	LM	44		
H	100 mm steel butt hinges	Pairs	10.5		
J	Two lever mortice lock complete with fittings as per Union cataloque 2237	NO	5		
K	Indicator bolt to washrooms	NO	2		
	Total carried to summary				

Item	Description	Unit	Quantit	Rate	Amount
	BILL NO 9.: PLUMBING & DRAINAGE INSTALLATIONS				
	<u>All works to be carried out by the registered plumbing sub-contractor approved by the project manager.</u>				
	WATER CLOSET				
A	Twyford' or equivalent water closet comprising WC pan,low level 9litres cistern side inlet internal overflow with valveless fittings:innlet connection;flush pipe and chrome plated lever;white plastic seat and cover;including fixing pan to floor and cistern to wall wiith screws and plugs	NO	2		
	WASH HAND BASIN				
B	Twyford or equivalent wash hand basin as semi-recessed vitreouswhite china(450 x 300mm) with two taphole,taps,chain,and waste 32mm C.P 32mm bottle trap with 75mm seal with 200mm tail piece,capnuts and wall flange,brackets including fixing	NO	2		
C	White vitreous china recessed toilet roll holder	NO	2		
D	ditto soap dish	NO	2		
E	Mirror size 600 x450mm high bevelled edges on plywood backing fixed with C.P screws with dome covers;plugged to wall	NO	2		
F	25mm diameter crome plated towel rail 600mm long	NO	2		
G	Allow <u>provisional sum of kshs.....shillings</u> for pipe works connection including water supply, and drainage works o elevated storage water tank as 'KENTANK' 2000 litres including 3No. Perforation (25mm,12mm,20mm diameter) to later details and approval.	NO	1	80,000	
H	12mm diameter ball valve	NO	2		
	carried to collection				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	<u>JOINERY FITTINGS AND FIXTURES</u>				
A	Vanity tops 600mm wide vanity tops comprising 75mm thick concrete slab with and including BRC mesh wire A98 ,formwork .plaster and paint to soffits of worktop,making opening for stainless steel kitchen sinks where necessary all in accordance with architect's drawings and specification	LM	8		
B	<u>Ceramic tile finish to vanity tops</u> Supply and fix 300x300x8mm thick ceramic tile finish to 600mm wide vanity tops and 100mm skirting and 150mm fascia fixed with approved adhesive	SM	12		
C	Kitchen cabinet Supply and fix Low level cabinets 600 mm deep x 900 mm high,comprising 20 mm waterproof laminate MDF boards in intermediate shelving on 20 x 40 mm bearers,and 20 mm thick laminate door panels with varnished D handles to approval;with drawers comprising 20 mm thick MDF laminate drawer front with varnished D handles, 12 mm thick MDF board sides & back , and 9 mm thick plywood base on rail and rollers,with all on bearers including all accessories,handles and sliding gear,including painting approved colours.	LM	8.0		
D	High levell Ditto but high level cabinet of size 2000mm long x 750mm high and 500mm depth fixed to the walls with approved brackets and with door panels with D handles to approval.	LM	4.0		
	Total carried to collection				
1	Total Brought Forward From Page No.16				
2	Total Brought Forward from Above				
	Carried Forward to Summary of Section				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	BILL NO.7 FINISHES				
	EXTERNAL WALL FINISHES				
A	Fill the verticle flash joints with fine cement/sand mo.(1.3)Ground smooth surface of the walls, including the window reveals and door openings to project manager's approval.	SM	111		
B	15mm screed backing to receive weatheguard paint cable walls.	SM	25.0		
C	Ditto but to verticle sides of columns and ringbeams	SM	35		
	Prepare and apply one undercoat and two finishing coats acrylic paint or other approved by the architect				
D	Rendered walls externaly	SM	60		
	INTERNAL WALL FINISHES				
	12mm (minimum) cement sand (1:3) screed to;				
E	Fill the verticle flash joints with fine cement/sand mo.(1.3)Ground smooth with sandpaper surface of the walls, including the window reveals and door openings to receive three coats of paints m/s to project manager's approval.	SM	293		
F	Steel trowelled smooth plasters to surfaces of, ring beams.	SM	35		
G	Ditto but woodfloat finish to receive wall tiles m/s at the washrooms.	SM	50		
	<u>Supply and fix Saj Ceramic wall tiles</u>				
H	300x300x8mm thick ceramic wall tiles including bedding in approved adhesive to washrooms and car wash.	SM	50		
	PAINTING AND DECORATING				
	Prepare and apply three coats silk vinyl emulsion paint or other approved by Architect				
J	To plastered surfaces of walls	SM	293		
K	To plastered surfaces of, ring beams	SM	35		
	INTERNAL FLOOR FINISHES				
	<u>cement and sand (1:4) backing</u>				
L	32mm thick minimum cement and sand screed wood float finish to receive floor t tiles m/s. at washrooms, Kitchen and dinning halls to approval.	SM	158		
	<u>Unpolished Saj ceramic floor finish</u>				
M	Supply and fix 400x400x8mm thick ceramic floor tiles including bedding in approved adhesive to floors.	SM	158		
N	150mm high tile skirting	LM	16		
	Total carried to collection				

Item	Description	Unit	Qty	Rate Kshs	Amount Kshs
	CEILING FINISHES				
A	12mm thick flowered Chipboard horizontal ceiling fixed to and including 50x50mm sawn cypress branderling at 600mm c/c both directions m/s,finishing joint with fibre tape and skimming before applying finishing coats of paint m/s.	SM	158		
B	Extra`over ceiling for trap door size 600x600mm	NO	2		
	<u>Sawn cypress: pressure impregnated</u>				
C	50 x 50mm Branderling to ceilings at 600mm centres both ways: plugged to walls where necessary	LM	1070		
	CORNICE				
D	150X25mm cornice	LM	227		
	PAINTING AND DECORATING				
	Prepare and apply three coats matt emulsion paint or other and approved				
E	To surfaces of chipboard suspended ceiling	SM	158		
D	Ditto but to cornice	LM	227		
	Total carried to collection				
1	Total Brought Forward From Page No.14				
2	Total Brought Forward From above				
	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 electrical installations works to later details and approval	Item	1	200,000.0	
B	Allow for profits %			5%	
C	Allow for attendance			3%	
<u>CONTIGENCY SUMS</u>					
D	Allow a pc sum of kshs only for Mechanical installations work and external drainage works.	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	Windows				
6	Doors and ironmongery				
7	Plumbing works, fitting and fixtures				
8	External, internal wall and ceiling finishes				
9	Allow a pc sum for Electrical instalation works				
	Summary for the proposed works				