

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
(19) SUBSTRUCTURES (ALL PROVISIONAL)						
	-					
A	Excavate oversite average 150mm deep to remove top soil and turf and cart away.	568	S.M			
B	Excavate to reduce the levels average 300mm deep commencing from stripped level and cart away.	568	S.M			
C	Excavate for foundation trenches NOT exceeding 1050 mm deep commencing from reduced level.	115	C.M			
D	Ditto exceeding 1.50m but not exceeding 3.00mm deep.	38	C.M			
E	excceeding 1.50 meters deep commencing from reduced level.	103	C.M			
F	Ditto exceeding 1.50m but not exceeding 3.00mm deep.	35	C.M			
G	Extra-over, excavation in any position for excavating in rock	291	C.M			
H	Remove surplus excavated materials from site.	87	C.M			
I	Return,fill in and well ram selected excavated materials around excavations.	204	C.M			
	Filling					
J	Approved handpacked hardcore filling,spread,levelld well rammed and consolidated in 150mm.layers to receive conret surfaced bed(m.s)	170	C.M			
K	50mm thick quarry dust filing to hardcore surfaces consolidated,watered and well rammed.	284	S.M			
L	Treat surface of hardcore with "Aldrex" or other equal and approved insecticides treatment.	284	S.M			
				To collection		

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(19) SUBSTRUCTURES (ALL PROVISIONAL)					
	<u>Concret Works:-</u>					
	<u>Mass Concrete Class 10-15mm aggregate mix (1:3:6) in:-</u>					
A	50mm Thick blinding under strip foundations.	61	S.M			
B	Ditto under column bases	29	S.M			
	<u>Guaranteed strength vibrated reinforced concrete class 20-20mm aggregated mix (1:2:4) in</u>					
C	Strip Foundations	13	C.M			
D	Column bases	9	C.M			
E	Foundation columns	2	C.M			
F	150mm Thick horizontal surface bed	306	S.M			
	<u>Reinforcement (provisonal)</u>					
	<u>B.R.C Mesh</u>					
G	Steel wire fabric mesh reinforcement complying with b.s4483 Ref A 142 embedded in floor slab (measured net with no allowance for minimum of 225 mm laps) including all necessary tying wire and supporting as required.	306	S.M			
	<u>Mild Steel round bars to B.S.4449 in:-</u>					
H	6mm. Diameter	35	K.G			
I	8mm.Ditto	30	K.G			
	<u>High yield Square twisted bars to bars to B.S.4461 in :-</u>					
J	8mm.Diameter	75	K.G			
K	10mm.Ditto	400	K.G			
L	12mm.Ditto	145	K.G			
M	16mm.Ditto	1460	K.G			
		To collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(19) SUBSTRUCTURES (ALL PROVISIONAL)					
	<u>Formwork</u>					
	<u>Sawn formwork to:-</u>					
A	Sides of strip foundations	44	S.M			
B	Sides of column bases	21	S.M			
C	Sides of foundation columns	27	S.M			
D	Edges of surface bed 75-150mm high	84	L.M			
	<u>Walling</u>					
	<u>Quarry dressed stone walling in cement and sand (1:4) mortar in :-</u>					
E	200mm Thick walls	206	S.M			
	<u>Damp - Proofing</u>					
F	No.500 Gauge polythene damp-proof membrane laid over blinded hardcore with 30mm welted laps	306	S.M			
G	Hessian based bituminous felt horizontal damp proof course laid on and including levelled cement and sand(1:4) mortar to receive 200mm thick walls.	107	L.M			
	<u>Sundries</u>					
H	Allow for keeping the whole excavations free from all water during execution of the works by pumping or other such means as may be necessary.		ITEM			
I	Allow for upholding sides of excavations against collapse from whatever causes during execution of the works by planking, strutting or other such means as may be necessary.		ITEM			
		To collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>(19) SUBSTRUCTURES (ALL PROVISIONAL)</u>					
	<u>COLLECTION</u>					
	Brought forward from page 1					
	" " " " 2					
	" " " " 3					
	TOTAL SUBSTRUCTURES (ALL PROVISIONAL) CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>(21) EXTERNAL WALLS</u>					
	<u>Machine dressed quarry stone walling in cement and sand(1:4) mortar in:-</u>					
A	200mm Thick walls	177	S.M			
B	Ditto gable walls	16	S.M			
C	Fair ranking cutting to 200mm thick walling at window level	69	L.M			
TOTAL EXTERNAL WALLS CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>(22) INTERNAL WALLS</u>					
	<u>Machine dressed quarry stone walling in cement and sand (1:4) mortar in:-</u>					
A	200mm thick walls	10	S.M			
TOTAL INTERNAL WALLS CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(27) ROOFS					
	<u>Roof Trusses</u>					
	<u>Mild Steel</u>					
	<u>The Following in roof truss of various sizes assembled and fixed according to the strucural Engineer's detailed drawings:-</u>					
A	100x50x4mm. Thick (8.92rectangular hollow section raftes	140	L.M			
B	Dittto fie beams	110	L.M			
C	50X50X3m Thick (4.43kg/m) square hollow section struts	156	L.M			
D	Z-purlins Ref. 40 (3.54 kg/m) fixed to rafters	344	L.M			
E	65x65x6m Thick (6.12kg/m) square hollow section bracing.	80	L.M			
F	100X50X4m Thick (8.92kg/m) hip rafter	34	L.M			
	<u>Sundries</u>					
	<u>Mild Steel (provisional)</u>					
G	220X60X3m.Thick fish plate welded to rafters	200	NO.			
H	100x75x6mm Angele plate ditto	108	NO.			
I	16mm Diamter bolts 50mm long complete with nuts and washers	416	NO.			
J	Make hole in 3mm thick (overall) metal plate	416	NO.			
TOTAL ROOFS CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>FRAME</u>					
	<u>Concrete Work</u>					
	<u>Garanteed strength vibrated reinforced concrete class 20-20mm aggregated in:-</u>					
A	Columns	4	C.M			
B	Beams	10	C.M			
	<u>Reinforcement (provisional)</u>					
	<u>Mid Steel rounds bars to B.S.4449 in :-</u>					
C	6mm.Diameter	320	KG.			
D	8mm. Ditto	290	KG.			
	<u>High yield square twisted bars to B.S.4461 in:-</u>					
E	8mm. Diameter	2335	KG.			
F	10mm.Ditto	4815	KG.			
G	12mm.Ditto	4230	KG.			
H	16mm. Ditto	3645	KG.			
	<u>Formwork</u>					
	<u>Sawn formwork to:-</u>					
I	Vertical sides of columns	56	S.M			
J	Sides and soffites of beams	138	S.M			
TOTAL FRAME CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(31) <u>EXTERNAL OPENINGS</u>					
	DOORS					
	<u>Panelled Doors</u>					
	<u>Wrot Mahogany</u>					
A	40mm. Thick panelled door overall size 2400 x 2250mm high in two equal leaves each leaf comprising 125 x 40mm. stiles and top rail with one labour; infilled with and including 40mm thick solid boarding hanging to frame(m.s)	2	NO.			
	<u>Door frames and Finishing</u>					
	<u>Wrot Mahogany</u>					
B	Ex.100 x 50mm. Frame with two labours plugged and screwed to wall	17				
C	Ex. 40 x 20 Moulded architrave plugged and screwed to wall	14	L.M			
D	Ex.20mm Diameter quadrant filler ditto	14	L.M			
	Ex. 15x25mm Glazing beading	9	L.M			
	<u>Ironmongery</u>					
	<u>Supply and fix the following ironmongery with matching screws and all necessary furnitures :-</u>					
E	100mm long brass butt hinges	6	PRS.			
F	3-lever,75mm Rebated mortice lock complete with 3 keys and set of chromium plated handles as Union" or other equal and approved.	2	NO.			
G	38mm diameter rubber door stop with raw bolt fixed to concrete floor or walling.	4	NO.			
				To Collection		

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(31) EXTERNAL OPENINGS					
	<u>DOORS (CONT'D)</u>					
	<u>Glazing</u>					
	<u>4mm thick clear sheet glass and glazing to timber with timber beads (m.s):-</u>					
A	In panes 0.10-0.50 square metres	1	S.M			
	<u>Painting and Decorating</u>					
	<u>Prepare and apply one coat aluminium Primer before fixing to:-</u>					
B	Backs of wood 0-100mm girth	14	L.M			
C	Ditto 100-200mm girth	14	L.M			
	<u>Prepare, knot, prime, stop and apply one undercoat and two finishing coats of First Grade Clear Polyurethane Varnish on woodwork:-</u>					
	<u>Externally on:-</u>					
D	Surface 0-100mm girth	14	L.M			
E	General surfaces	16	S.M.			
	<u>Internally on:-</u>					
F	Surface 0-100mm girth	14	L.M			
G	General surfaces	16	S.M			
		To collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(31) <u>EXTERNAL OPENINGS</u>					
	<u>WINDOWS</u>					
	<u>Mild Steel</u>					
	<u>Supply and fix the following purpose made composite windows in 32mm mild steel "Z"- sections complete with fixing lugs to walls and bedding and pointing all round frame in cement and sand (1:4) mortar; heavy duty brass window stays, handles, couplings and fasteners, with 100mm wide build - in permanent vents to full width of the window where shown, infilled with both 5mm and 1mm gauge mosquito gauze and vent with 16mm gauge x 215mm (overall) girth spray painted hood canopy twice bent and fillet welded 32mm wide onto window framing:-</u>					
A	Window overall size 1500 x 2100mm high with 1No. fixed panel; 1No. top hung panel and 1 No. openable panel.	12	No.			
B	Ditto 1200 x 1800mm high with 2 No. side hung panels; 1 No. fixed middle panel; 1 No. top hung panel and 2 No. fixed top panels	1	No.			
C	Windows overall size 900 x 1800mm high with 1 No. fixed panel; 2 No. top hung panels and 2 No. top fixed panels	4	No.			
D	Ditto 1500 x 1800mm with 1No. top hung and 1No. fixed panel	1	No.			
		To Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(31) <u>EXTERNAL OPENINGS</u>					
	<u>WINDOWS(CONT'D)</u>					
	<u>Painting and Decorating</u>					
	<u>Prepare, touch up primer and apply one undercoat and two finishings coats First Grade Gloss Enamel paint on metal surfaces:-</u>					
	<u>Internally on:-</u>					
A.	General surfaces	50	S.M.			
B	Burglar Proofing (b.s.m)	100	S.M.			
	To Collection					
	<u>COLLECTION</u>					
	Brought forward from page 9					
"	" " " "	10				
"	" " " "	11				
"	" " " "	12				
"	" " " "	13				
"	down " above "					
	TOTAL EXTERNAL OPENINGS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(32) INTERNAL OPENINGS					
	<u>DOORS</u>					
	<u>Flush Doors</u>					
	<u>40mm Thick flush door faced both sides with approved interior quality plywood hardwood lipped all round including hanging to frame (m.s.)</u>					
A	Size 900 x 2100mm high in single leaf; semi-solid core	1	No.			
	<u>Door frames and finishings</u>					
	<u>Wrote Mahogany</u>					
B	Ex.20mm. Diameter quadrant filler, plugged and screwed to wall.	5	L.M			
C	Ex.50 x 25mm Moulded architrave ditto.	5	L.M			
D	Ex.150 x 50mm Frame with two labours, plugged and screwed to wall.	5	L.M			
E	Ex.100x50mm Frame with two labours plugged and screwed to wall	5	L.M			
	Ironmongery:-					
	<u>Supply and fix the following ironmongery with matching screws and all necessary furnitures:-</u>					
F	<u>Pairs</u> 100mm. Brass butt hinges.	###	PRS.			
G	2-Lever 75mm. Rebated mortice lock complete with three keys and set of chrome plated handles as "Union" or other equal and approved	1	NO.			
H	38mm Diameter rubber door stop with rawbolt fixed to concrete floor or walling	1	NO.			
				To Collection		

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(32) INTERNAL OPENINGS					
	<u>DOORS (CONT'D)</u>					
	<u>Painting and Decorating</u>					
	<u>Prepare and apply one coat Aluminium Primer before fixing to:-</u>					
A	Backs of wood 0-100mm girth	5	L.M.			
B	Ditto 100-200mm girth	5	L.M.			
	<u>Prepare, touch up primer and apply one undercoat and two finishing coats of First Grade Super Gloss paint on woodwork:-</u>					
	<u>Internally on:-</u>					
C	Surfaces 200-300mm girth	5	L.M.			
D	General surfaces	4	S.M.			
	To Collection					
	COLLECTION					
	Brought forward from page 15					
	" down " above					
	TOTAL INTERNAL OPENINGS CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(41) EXTERNAL WALL FINISHES					
	<u>Fair Face:-</u>					
A	Extra-over stone walls for wire brushing and pointing key joints with cement and sand (1:4) mortar	196	S.M.			
	<u>Cement and Sand Render to:-</u>					
B	Reinforced concrete beams	35	S.M.			
	<u>Tyrolean furnish</u>					
C	Tyrolean furnish sprayed to walls	35	S.M			
	<u>Painting and Decorating</u>					
	<u>Prepare and apply one undercoat and two finishing coats of First Grade Plastic Emulsion Paint to:-</u>					
D	Rendered reinforced concrete beams	35	S.M.			
	TOTAL EXTERNAL WALL FINISHES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(42) INTERNAL WALL FINISHES					
	Gauged Plaster (1:1:9) with steel trowel finish in:-					
A	15mm Thick to walls or concrete surfaces	231	S.M.			
B	Ditto window and door jambs and reveals 0-100mm girth	28	L.M.			
	<u>Painting and Decorating</u>					
	<u>Prepare and apply three coats First Grade Plastic Emulsion paint:-</u>					
	<u>Internally on:-</u>					
C	Plastered vertical surfaces	231	S.M.			
D	Window jambs and reveals 0-100mm girth	28	L.M.			
TOTAL INTERNAL WALL FINISHES CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(43) FLOOR FINISHES					
	<u>Cement and Sand(1:3) Screed in:-</u>					
A	40mm. Thick screed; finished smooth	261	S.M.			
B	20 x 100mm High skirting	70	L.M.			
TOTAL FLOOR FINISHES CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(45) CEILING FINISHES					
	<u>Painting and Decorating</u>					
	<u>Prepare and apply one coat Aluminium primer before fixing to:-</u>					
A	Backs of wood 100-200mm girth	115	L.M.			
	<u>Prepare and apply three coats plastic emulsion paint on:-</u>					
	<u>Internally on:-</u>					
B	Timber Surfaces 100-200mm girth	115	L.M.			
	To Collection					
	<u>COLLECTION</u>					
	Brought forward from page 20					
	" down " above					
TOTAL CEILING FINISHES CARRIED TO SUMMARY						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	(47) ROOF FINISHES					
	<u>Rain Water Drainage</u>					
	<u>The following in 26 gauge sheet metal closely welded:-</u>					
A	26 Gauge 150mm diameter half round galvanized iron gutter with holding metal brackets	105	L.M.			
B	<u>Extra-over</u> gutter for stopped ends	10	No.			
C	<u>Extra-over</u> gutter for openings for downpipes	5	No.			
D	26 Gauge 150mm diameter round down pipe with holding metal brackets	22	L.M.			
E	<u>Extra-over</u> ditto down pipe for 300mm shoe	5	No.			
F	<u>Extra-over</u> down pipe for swanneck	5	No.			
	<u>Painting and Decoration</u>					
	<u>Prepare and apply one undercoat and two finishing coats Gloss Paint:-</u>					
	<u>Externally on:-</u>					
G	Gutters 200-300mm girth	105	L.M			
		22	L.M			
H	Downpipes, swannecks, shoes 200-300mm girth	22				
	To Collection					
	<u>COLLECTION</u>					
	Brought forward from page 22 " down " above					
	TOTAL ROOF FINISHES CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<p>(61) ELECTRICAL INSTALLATIONS(Builder's Work)</p> <p>NOTE: The following is BUILDER'S WORK in connection with Electrical Installations. ELECTRICAL INSTALLATIONS are included as PRIME COST SUM for ELECTRICAL INSTALLATIONS in these Bills of Quantities to be executed complete by a Nominated Sub-Contractor</p> <p><u>Allow for cutting or leaving all the necessary holes, notches, mortices, sinkings and chases both to the structure and its finishes, for all making god in connection with the following in concealed conduits and cables.</u></p>					
A	Lighting points	25	No.			
B	Switch points	25	No.			
C	Socket outlets	8	No.			
D	Consumer unit	1	No.			
E	Main switch	1	No.			
F	Earthing	1	No.			
TOTAL ELECTRICAL INSTALLATIONS (Builder's Work) CARRIED TO SUMMARY						

ITEM	DESCRIPTION	SHS	CTS
SOCIAL HALL			
	SUMMARY		
	FROM PAGE		
	(19) SUBSTRUCTURES (ALL PROVISIONAL)		
	(21) EXTERNAL WALLS		
	(21) INTERNAL WALLS		
	(27) ROOFS		
	(28) FRAME		
	(31) EXTERNAL OPENINGS		
	(32) INTERNAL OPENINGS		
	(41) EXTERNAL WALL FINISHES		
	(42) INTERNAL WALL FINISHES		
	(43) FLOOR FINISHES		
	(45) CEILING FINISHES		
	(47) ROOF FINISHES		
	(61) ELECTRICAL INSTALLATIONS(Building work)		
	TOTAL COST OF SOCIAL HALL TAKEN TO GRAND SUMMARY PAGE		

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS
	<u>PROVISIONAL AND PRIME COST SUMS</u>					
1	Allow a sum Kenya shillings 1 Million for plumbing & internal drainage Attendance Profit				1,000,000.00	
2	Allow Kshs. 1 Million for electrical Works Attendance Profit					
3	Allow a sum of Kshs. 1 Million for landscaping Attendance Profit					
4	Allow a sum Kshs. 1.5 Million for foul drainage					
Total for PC & P Sums carried to grand summary page						

ITEM	DESCRIPTION	SHS	CTS
GRAND SUMMARY PAGE			
1	Preliminaries Page 57		
2	Total for Social Hall Pg B25		
3	Provisional Prime Cost Sums Pg B26		
	Sub Total		
	Add 10% Contingency		
	Add 16% V.A.T		
Total carried to Form of Tender			
<p>Amount of tender in words : kenya shillings</p> <p>.....</p> <p>.....</p> <p>Amount of tender in figures : kshs.</p> <p>Tenderer's signiniture and stamp</p> <p>Tenderer's Address:</p> <p>.....</p> <p>Date:.....</p> <p>Witness Name :</p> <p>Description of witness</p> <p>Address</p> <p>Signature Date</p>			

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