

BILL OF QUANTITIES FOR PROPOSED CONSTRUCTION OF A SOCIAL HALL (ALL PROVISIONAL)

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	GENERAL PRELIMINARIES				
A	<u>Site</u> The proposed Works will be located at in Kwale County.				
B	<u>Scope of the works.</u> <u>The works involve construction of Social including rainwater harvesting system</u> The major work to be carried out in this contract include the following: 1. Excavation & Earthworks including fillings 2. Waterproofing. 3. Concrete works 4. Reinforcement 5. Formwork. 6. Walling. 7. Roofing. 8. Doors 9. Windows 10. Fittings. 11. Finishes. 12. Electrical works. 13. Plumbing				
C	<u>SIGN BOARD</u> Allow for providing, erecting ,maintaining throughout the course of the contract and afterwards clearing away a signboard as designed,specified and approved by the Project Manager.				
D	<u>TEMPORARY BUILDING</u> The Contractor must provide for a temporary building required for the storage of materials and clear it away on completion of the works to the satisfaction of the client.				
	<u>TOTAL PRELIMINARIES CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 01</u> <u>SUB-STRUCTURES (ALL PROVISIONAL)</u>				
A	Clear site of grass, shrubs and small trees and dispose	SM	375		
B	Excavate to remove vegetable topsoil average 150mm and remove from site	SM	207		
C	From the stripped level: to reduce levels	CM	68		
D	From the reduced level: for foundation trenches column bases	CM	23		
E	Extra over normal excavation for rock class 'A'	CM	36		
	<u>Planking and Dewatering</u>				
F	Allow for bringing to site and subsequently removing all plant necessary for the works	ITEM			
G	Allow for removing all water from the site	ITEM			
	<u>Fillings /Disposal</u>				
H	Return fill in and ram selected excavated material in foundations	CM	31		
J	Load wheel and cart away surplus excavated material from site	CM	33		
K	300mm thick approved hardcore:laid and compacted in 100mm layers:well-watered	CM	62		
L	50mm thick approved murram blinding to surface of hardcore	SM	207		
M	Treat surface of hardcore with approved insecticide to the manufacturers instruction	SM	207		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
	<u>Concreting</u>				
A	50mm thick mass concrete 1:4:8 blinding under foundations	SM	72		
B	200mm thick vibrated reinforced concrete to strip foundation	CM	11		
C	250mm thick to column base	CM	4		
D	200mm x 300mm concrete to columns starter	CM	1		
E	150mm thick concrete 1:2:4 in floor bed	SM	199		
F	300mm thick concrete 1:2:4 in dias	CM	8		
	<u>Damp proof membrane</u>				
G	500 gauge approved damp proof membrane:laid with laps as instructed	SM	207		
H	One layer No A142 steel fabric mesh reinforcement in floor slab	SM	207		
	<u>Sawn Formwork to:</u>				
J	Sawn formwork as described to edges of floor slab girth 150- 225mm	LM	88		
K	Ditto to sides of columns	SM	15		
	<u>Apply black bituminous felt damp proof course:laid with laps as instructed</u>				
L	225mm wide	LM	95		
M	200mm thick coral stone foundation walling in cement/sand(1:4) mortar reinforced with/including hoop iron in alternate courses:machine cut	SM	114		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
	<u>High yield square twisted reinforcement including cutting to lengths, bending, twisting and fixing , including all necessary tying wires and spacing blocks to B.S. 4461:-</u>				
A	10mm diameter to strips longitudinal	KG	235		
B	8mm ditto vertically	KG	15		
C	12mm diameter bars to column bases	KG	187		
D	Ditto to columns starter	KG	80		
E	8mm diameter to columns	KG	57		
F	15mm cement / sand render to plinths	SM	63		
G	Prepare and apply 3 coats black bituminous paint to rendered plinths	SM	63		
	<u>Paving slab surround</u>				
H	Excavate trenches for wall foundation commencing from reduced level but not exceeding 0.6m deep.	CM	76		
J	Backfill and compact selected excavated materials	CM	23		
K	Remove surplus excavated materials from site	CM	16		
L	150mm thick mass concrete mix 1:3:6 in strip foundation	CM	6		
M	150mm thick Hand cut natural stones bedded in cement sand mortar (1:4)	SM	76		
N	Precast concrete (1:2:4) in paving slabs size 600 x 600 x 50mm thick laid on consolidated sand bed jointed in cement sand mortar	SM	76		
	<u>TOTAL FOR ELEMENT NO. 01- SUBSTRUCTURE CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
A	28 gauge box profile prepainted IT 4 roofing sheets fixed to timber purlins (m.s) in accordance with the manufacturers:Galsheet or equal and approved	SM	475		
B	28gauge ridge cap	LM	37		
C	Ditto valley ridge cap	LM	5		
	<u>RAIN WATER HARVESTING SYSTEM</u>				
	<u>Rain water goods</u>				
D	Supply and fix 150mm Diameter Half Round U.P.V.C Plastic gutter fixed with rubber sealed joints fixed to timber with approved U.P.V.C Brackets.	LM	63		
E	Extra over for stopped ends.	NO	2		
F	Extra over for stopped ends with 75mm diameter outlet for 100mm diameter PVC down pipe	NO	2		
G	Extra over for corner gutters	NO	1		
H	Extra over for 90 degrees bends	NO	8		
J	100mm diameter rainwater PVC down pipe fixed with and including PVC clips at 900mm centers,plugged and screwed to wall	LM	12		
K	Extra over for swan neck bend	NO	4		
L	Extra over for horse shoe bend	NO	4		
	<u>TOTAL FOR ELEMENT NO.3 - ROOFING</u>				
	<u>CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
A	<u>Blinding concrete(1:4:8)</u> 50mm thick blinding concrete in strip footings	CM	5		
B	<u>Vibrated Reinforced concrete (1:2:4) -20mm aggregate</u> 200mm thick foundation concrete	CM	2		
C	200mm thick floor surface bed	SM	5		
D	<u>Steel Reinforcement</u> <u>Steel bars cut and bent as required including short joining lengths, binding wire and spacer blocks</u> Y12 bars in strip footings and floor surface bed	KG	105		
E	Y10 longitudinal bars in strip foundation footing	KG	27		
F	<u>Sawn softwood formwork to:-</u> Sides of floor bed 150mm to 225mm high	LM	8		
G	<u>Solid coral block walling in cement sand mortar (1:4)</u> 200mm thick walling	SM	18		
H	<u>Platform finishes</u> 25mm thick cement sand plaster to sides and top of platform	SM	14		
J	Masonry water channel with 100mm mass concrete base slab 900mm wide x 1800mm long with a 150mm depth moulding laid to fall	NO	1		
K	<u>PVC Water storage tank</u> Supply and fix 10000litres PVC Water tank as before described including all necessary fittings	NO	1		
	<u>TOTAL FOR ELEMENT NO.4 RAINWATER HARVESTING SYSTEM CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 05 - DOORS</u>				
	<u>Wrot mahogany or equal and approved</u>				
A	150 X 50mm once rebated door frame: with one labour	LM	30		
B	75 X 25mm architraves	LM	30		
C	19mm quadrant	LM	30		
D	50mm thick panelled door to architectural details overall size 1100 x 2100	NO	1		
E	Ditto double leaf door size 1700 x 2100	NO	2		
	<u>Knot,prime,stop,prepare and apply three coats polyurethane varnish to:-</u>				
F	Door general surfaces	SM	19		
G	Ditto to frames exceeding 100mm but not exceeding 200mm girth	LM	30		
H	Prime back of timber frame girth exceedind 100mm but not exceeding 200mm,before fixing in position	LM	30		
	<u>Supply and fix the following ironmongery: 'Union' or equal and approved specification:</u>				
I	3 - lever mortice lock	NO	3		
J	100mm brass butt hinges	PRS	8		
K	100mm tower bolt	NO	3		
L	rubber door stop: rawl bolted to floor or wall	NO	3		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	Brought Forward Fanlight N.A.C.O or Any other Equal and Approved Anadonised Aluminium Louvre jambs with blade carriers for 150mm wide louvres.				
A	Set for 6 No blade carriers	PRS	8		
B	150mm x 50mm x 300mm long middle frame	LM	1		
C	20mm x 20mm stop	LM	5		
D	150x5mm thick clear glass louvres fixed to Louvre Frames above doors.	LM	30		
E	16mm diameter mild steel burglar proof bars in plastic sheath fixed to window frames.	LM	30		
F	Labour for drilling 16mm diameter holes through 50 mm thick hardwood	NO	66		
	TOTAL FOR ELEMENT NO. 5-DOORS CARRIED TO SUMMARY				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO.6</u> <u>WINDOWS</u>				
	<u>Supply and fix aluminium glazed windows as ' Vista' or or equally approved comprising 40 x 30 mm aluminium frame filled in with 5 mm thick one way tinted glass secured in rubber linning, including all necessary ironmongery to approval in:</u>				
A	Size 1500 x 1700 mm high	SM	36		
	<u>Others</u>				
B	150 x 25 mm hardwood moulded window board plugged.	LM	21		
C	<u>150 X 25 mm precast concrete throated window cill laid in</u> cement/sand mortar 1:3.	LM	21		
D	<u>Curtain rods</u> 40mm diameter hardwood rod with rollers finished with approved clear wood varnish supported by timber hooks screwed to wall to Architectural details.	LM	25		
	<u>Heavy duty steel window grilles comprising 16mm square bar perimeter framing and horizontal middle rail 12mm square bar ventical infilla st 150mm centres, 16 x 4 mm flat diamond shaped welded onto square bars primed as per crown paints primer the whole grille complete with fixing lugs and including fixing to masonry walling</u>				
E	Variours sizes	SM	36		
	<u>TOTAL FOR ELEMENT NO. 6: WINDOWS CARRIED TO SUMMARY.</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 08</u> <u>INTERNAL FINISHES</u>				
	<u>FLOOR</u>				
	<u>Ceramic tiles (non-slip)</u> <u>(Generraly)</u>				
A	Cement sand screed paving steel trowelled smooth to receive tiles	SM	207		
B	250x250x8mm as manufactured by SAJ CERAMIC LTD or equal and approved coloured ceramic nonslip floor tiles bedded and jointed in cement and sand 1:1 and pointed in coloured	SM	207		
C	Ditto ;but 100mm high skirting	LM	88		
	<u>WALL</u>				
	<u>Lime plaster</u>				
D	Plaster to walls / columns internally	SM	111		
E	plaster to jambs/reveals	SM	27		
	<u>CEILING</u>				
	<u>Sawn cypress</u>				
F	Branderling size 50x50mm @ 600 x 600mm spacing	LM	644		
G	Chipboard ceiling board	SM	207		
H	Extra for forming trap door with cypress framing size 600x600mm	NO	2		
	<u>Wrought cypress</u>				
J	moulded cornice plugged size 75x 25mm	LM	100		
	<u>prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to:-</u>				
K	General surfaces of walls	SM	111		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
	<u>prepare and apply one undercoat and two finishing coats of 1st quality silk vinyl paint to;-</u> <u>prepare and apply one undercoat and two finishing coats of 1st gloss oil paint to;-</u>				
A	general surfaces of ceiling	SM	207		
B	ditto girth not exceeding 75mm	LM	100		
	<u>EXTERNAL FINISHES</u>				
	Keying:-				
C	pointing /jointing horizotal joint	SM	143		
	<u>TOTAL FOR ELEMENT NO. 8 - FINISHES</u> <u>CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELECTRICAL INSTALLATION</u> <u>TO BE CARRIED OUT BY A REGISTERED ELECTRICAL CONTRACTOR, ATTACH ERC AND NCA CERTIFICATES</u> Supply,install,test and commission the following:- <u>ELECTRICAL INSTALLATIONS</u> Supply,install,test and commission the following:-				
A	<u>LIGHTING INSTALLATION</u> Lighting points from consumer unit comprising wiring in 3x 1.5 sqmm SC PVC Cu cables in 20mm dia. heavy gauge PVC conduits concealed in concrete slab/ceilling and walls excluding other accessories for;-				
B	a) One way switching SWITCHES 10Amps,moulded plate flush mounted switches with screw covers,as CLIPSAL,BG or approved equivalent being;-	No	22		
	a) 2 gang 1 way	No	3		
	b) 3gang 2 way	No	4		
C	<u>LIGHTING FITTINGS</u> Lighting fittings complete with lamps and all other necessary accessories:- a) 50W LED sport light for security lighting as phillips or aprooved equivalent	No	8		
	b) 1200, 1 x 36 Watts batten flourescent fitting as FITZGERALD, THORN or approved equivalent (TYPE B1)	No	14		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
A	<u>POWER POINTS</u>				
	i)13Amps Power points wired ring comprising of	No	11		
	ii) 13Amps moulded plate switched socket outlet with neon indicator as BG,CLIPSAL or approved equivalent being twin.	No	11		
E	<u>ELECTRIC SWEEP FANS FOR ROOMS</u>				
	a)Ceilling fan point wired with 3 x 1.5mm ² SC - CU cables drawn in pvc conduits and to include all accessories but excluding the fan	No	11		
	b)240V-AC ceilling fan complete with 5 speed regulator as c)ORIENT - DE LUXE or an approved equivalent.	No	11		
F	<u>CONSUMER UNIT</u>				
	10Ways ,100Amps , Flush mounted Consumer unit complete with 100Amps. Integral SPN isolator with hinged cover as MEM,CRABTREE or approved equivalent being:-	No	1		
	a)10Amps,SP	No	3		
	b)20Amps,SP	No	3		
	c)30Amps,SP	No	3		
	d) Blankig plate	No	1		
G	<u>SUBMAIN CIRCUIT</u>				
	Circuit comprising 3x16mm SC PPCI copper cables drawn in concealed 32mm diameter HG PVC conduits from METER BOX to consumer unit	lm	20		
	<i>Carried Forward</i>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<i>Brought Forward</i>				
A	<u>METER BOX</u> Single tariff metre box made from gauge 14 galvanized steel sheets complete with bonding screws/bolt and viewing glass	No	1		
	a) Cut out complete with SPN 80A HRC fuse	No	1		
	b) Electrical Earthing comprising 6.0mm ² Single core copper cables drawn in H/G Conduits 1500mm by 15mm diameter copper electrode complete with clamp and pre - cast concrete inspection pit with cover	Item	1		
B	<u>FIRE EXTINGUISHER</u> Dry chemical powder type fire extinguisher of 2kgs. Capacity, with initial filling in brand new cylinder with powder coated finish, fitted with Gun metal union, high pressure CO ₂ gas cartridge, discharge hose, wall mounting bracket e.t.c complete	NO	2		
	9 Lts water gas fire extinguisher. Capacity, with initial filling in brand	NO	2		
C	<u>POWER SUPPLY</u> Allow ksh. twenty thousand for liaison and attendance to kplc	ITEM	1		
	Allow ksh. Two hundred and fifty thousand for kplc connection	ITEM	1		
	<u>ELECTRICAL CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>SUMMARY</u>				
1	SUB - STRUCTURE				
2	SUPER - STRUCTURE				
3	ROOF				
4	RAINWATER HARVEST				
5	DOORS				
6	WINDOWS				
7	FINISHES				
8	RAMP AND STEPS				
9	ELECTRICAL INSTALLATION				
TOTAL CARRIED TO GRAND SUMMARY					

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>BILLS OF QUANTITIES FOR PROPOSED 3-DOOR VIP LATRINE BLOCK WITH URINAL</u>				
	<u>ELEMENT NO. 1</u>				
	<u>SUBSTRUCTURE</u>				
	<u>(ALL PROVISIONAL)</u>				
	<u>Site clearance</u>				
1.0	Clear site of shrubs,grass,small trees girth not exceeding 600mm and grub roots and remove from site as directed.	SM	47		
	<u>Excavations and earth works</u>				
2.0	Excavate vegetable soil,shrubs and undergrowth grub there roots and burn the uprising.	SM	34		
3.0	Excavate for strip foundation starting from strip level depth not exceeding 1.5m deep.	CM	17		
4.0	Excavation to pit latrine 1500mmx3500mm wide depth not exceeding 1.5m deep.	CM	8		
5.0	Ditto but from 1.5m but not exceeding 3.0m deep.	CM	8		
6.0	Ditto but from 3.0m but not exceeding 4.5m deep.	CM	8		
7.0	Ditto but from 4.5m but not exceeding 6.0m deep.	CM	8		
8.0	Return fill and rum selected excavated material.	CM	3		
9.0	Cart away surplus excavated material.	CM	25		
	<u>Planking and strutting</u>				
10.0	Allow for plunking and strutting	ITEM			
	Carried Forward				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>Brought Forward</u>				
	<u>Disposal of water</u>				
1.0	Allow for keeping excavations free from water.	ITEM			
	<u>Hardcore fillings</u>				
2.0	Approved hardcore fill 300mm thick ,well watered and compacted to receive murrum blinding(m.s)	SM	7		
	<u>Quarry dust/murrum blinding</u>				
3.0	Approved 50mm thick murrum blinding.	SM	7		
	<u>Anti - termite treatment</u>				
4.0	chemical anti-termite treatment to sub soil or filling	SM	7		
	<u>Insitu Plain Concrete mix 1:3:6 in:</u>				
5.0	50mm thick concrete blinding under strip foundation	SM	20		
6.0	50mm thick concrete blinding under pit lining strip foundations	SM	20		
	<u>Insitu vibrated reinforced concrete mix 1:2:4 in</u>				
7.0	200mm thick strip foundations	CM	3		
8.0	200mm thick under pit lining strip foundations	CM	3		
6.0	200mm x 200mm thick in floor beams	CM	1		
7.0	150mm thick in suspended floor beds	CM	19		
	<u>Carried Forward</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>Brought Forward</u>				
	<u>High yield square twisted reinforcement including cutting to lengths,bending, twisting and fixing ,including all necessary tying wires and spacing blocks to B.S. 4461:-</u>				
1.0	8mm longitudinal bars in strip foundation	KG	25		
2.0	10mm cross(main) bars ditto	KG	40		
3.0	8mm longitudinal bars in strip foundation for pit lining	KG	25		
4.0	10mm cross(main) bars ditto	KG	40		
5.0	12mm bars as main bars in suspended floors and beams	KG	185		
6.0	10mm bars as main bars in suspended floors	KG	74		
	<u>Mild steel reinforcement to BS 4449</u>				
7.0	8mm diameter bars as links to floor beams	KG	25		
	<u>Mesh fabric reinforcement to BS 4483:Square mesh reference A142:weighing 2.22kilogrammes per square metre</u>				
8.0	In beds 200mm laps	SM	7		
	<u>Formwork to:</u>				
9.0	Vertical sides of strip foundations	SM	8		
10.0	Vertical sides of strip foundations for pit lining	SM	8		
11.0	Soffits and sides of floor beams and slabs exceeding 3.0m high	SM	13		
12.0	Vertical edges of beds over 75mm but not exceeding 150mm wide.	LM	27		
	<u>Carried Forward</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 2</u>				
	<u>VIBRATED REINFORCED SUPERSTRUCTURE</u>				
	<u>Insitu vibrated reinforced concrete mix 1:2:4 grade 20 as described in :-</u>				
1.0	Beams	CM	1		
	<u>High yield square twisted reinforcement including cutting to lengths,bending,twisting and fixing ,including all necessary tying wires and spacing blocks to B.S. 4461:-</u>				
2.0	12mm bars in beams	KG	73		
	<u>Mild steel reinforcement to BS 4449</u>				
3.0	8mm diameter bars in beams	KG	18		
	<u>Formwork</u>				
	<u>Sawn softwood formwork to in-situ concrete as described:-</u>				
4.0	Vertical sides and soffites of beams	SM	7		
	<u>REINFORCED CONCRETE SUPERSTRUCTURES CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 4</u>				
	<u>ROOFING</u>				
	<u>The following in second grade celcured cypress and all the necessary for assembling and hoisting to position as per roofing details.</u>				
1.0	100x50mm rafters.	LM	15		
2.0	75x50mm Purlins.	LM	21		
	<u>ROOF COVERING</u>				
3.0	28gauge Pre-painted blue box profile roof covering nailed to Timber Purlins	SM	21		
	<u>Eaves filling</u>				
4.0	200mm thick machine cut coral block eaves and gable filling	LM	18		
	<u>WROT CYPRESS</u>				
5.0	150x25mm fascia and bardge board	LM	20		
	<u>Knot, prime,Stop and Prepare and apply three coats white brilliant gloss oil paint on:-</u>				
6.0	Timber surfacs over 200 mm but not exceeding 300mm girth	LM	20		
	<u>TOTAL ELEMENT NO.4 ROOFING WORKS CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 5</u>				
	<u>DOORS</u>				
	<u>Mild steel Doors</u>				
1.0	900 x 2100mm high mild steel double plate pannel door comprising 4no 900 x 900mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	NO	3		
	<u>Painting</u>				
	<u>Prepare and apply three coats gloss oil paint to:-</u>				
2.0	General surfaces of metal	SM	4		
	<u>DOOR GRILLS</u>				
	<u>Heavy duty steel Door grilles comprising 16mm square bar perimeter framing and horizontal middle rail 12mm square bar ventical infilla st 150mm centres, 16 x 4 mm flat diamond shaped welded onto square bars primed as per crown paints primer the whole grille complete with fixing lugs and including fixing to masonry walling</u>				
9.0	Variours sizes	SM	5		
	<u>TOTAL FOR ELEMENT NO.5 DOORS</u>				
	<u>CARRIED TO SUMMARY</u>				

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ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ELEMENT NO. 6</u>				
	<u>FINISHES</u>				
	<u>Floor finishes</u>				
1.0	40mm thick Cement Sand (1:4) and screed	SM	16		
2.0	Ditto,in 100mm high skirting ,with painted top, ditt	LM	13		
	<u>Painting and decoration</u>				
3.0	Prepare and apply one undercoat and two finishing coats of interior quality black gloss oil	LM	13		
	<u>EXTERNAL WALL FINISHES</u>				
	<u>External walls</u>				
4.0	Extra over dressed stone walling for neat recessed horizontal key in cement mortar (1:3)	SM	28		
5.0	12mm thick cement,sand render,with wood float finish	SM	2		
6.0	Ditto rendered concrete surfaces	SM	4		
	<u>Painting and decoration</u>				
	<u>Prepare and apply one undercoat and two finishing coats of exterior quality plastic cream emulsion paint on :-</u>				
7.0	Rendered wall surfaces	SM	2		
8.0	Rendered concrete surfaces	SM	4		
	Carried Forward				

BILL OF QUANTITIES FOR PROPOSED CONSTRUCTION OF A SOCIAL HALL (ALL PROVISIONAL)

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>Brought Forward</u>				
	<u>INTERNAL WALL FINISHES</u>				
	<u>Internal walls</u>				
1.0	12mm thick cement,sand and lime plaster,with steel trowelled finish.	SM	59		
	<u>Painting and decoration</u>				
2.0	Prepare and apply one undercoat and two finishing coats first quality soft white plastic emulsion paint ditto.	SM	59		
3.0	Prepare and apply one finishing coat first quality gloss cream paint to wall skirting.	SM	30		
	<u>Wall tiles</u>				
4.0	3 courses of ceramic wall tiles to internal urinal wall surfaces	SM	2		
	<u>Copping stone</u>				
5.0	Mass concrete copping stone mix (1:3) twice weathered and throated on top of screen wall	LM	6		
	<u>MISCELLEANOUS</u>				
6.0	U.P.V.C golden brown vent pipe 100mm diameter	LM	6		
7.0	U.P.V.C ballon guard(vent cap) 100mm diameter	LM	2		
8.0	50mm diameter PVC floor trap	NO	1		
	<u>EXTERNAL PAVINGS</u>				
	<u>Paving</u>				
9.0	100 mm thick murrum fill well watered and compacted to 95% MDD.	SM	20		
10.0	60 mm thick precast concrete slabs laid and jointed in cement/sand mortar mix 1:3	SM	20		
	<u>TOTAL ELEMENT NO. 6: FINISHES CARRIED TO SUMMARY</u>				

**BILL OF QUANTITIES FOR PROPOSED CONSTRUCTION OF A SOCIAL HALL (ALL
PROVISIONAL)**

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>ECDE 3-DOOR VIP LATRINE & URINAL BLOCK SUMMARY</u>				
1.0	SUBSTRUCTURE WORKS				
2.0	VIBRATED REINFORCED CONCRETE SUPER STRUCTURES				
3.0	SUPERSTRUCTURE WALLING				
4.0	ROOFING				
5.0	DOORS				
7.0	FINISHES				
	CARRIED TO MAIN SUMMARY				

BILL OF QUANTITIES FOR PROPOSED CONSTRUCTION OF A SOCIAL HALL (ALL PROVISIONAL)

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>GURDRAILS AND MASS EXCAVATIONS</u>				
	<u>A, GURD RAILS</u>				
1.0	60mm diameter x 2mm Thick steel pipe railing welded onto and including intermediate members - 40mm diameter x 2mm vertical balusters @ 1200mm centres and 25mm diameter x 1mm horizontal balusters @ 200mm centres in approved pattern	SM	10		
	<u>Touch up primer prepare and apply three coats gloss oil paint as supplied by CROWN BERGER LTD. (or equivalent) on:-</u>				
2.0	General metal surfaces	SM	10		
	<u>B. MASS EXCAVATIONS AND FILLINGS</u>				
3.0	Mass excavation; excavate in bulk approximately 2m deep to level site and dispose off site as directed.	CM	141		
	<u>1000 litres PVC Water storage tank as EXOTANK or equal approved</u>				
4.0	Supply and fix 1000litres PVC Water tank as before described including all necessary fittings	NO	1		
	<u>TOTAL CARRIED TO SUMMARY- GURD RAILS AND MASS EXCAVATIONS</u>				

BILL OF QUANTITIES FOR PROPOSED CONSTRUCTION OF A SOCIAL HALL (ALL PROVISIONAL)

ITEM	DESCRIPTION	UNIT	QTY	RATE(KSH)	AMOUNT(KSH)
	<u>MAIN SUMMARY</u>				
1.00	PRELIMINARIES				
2.00	SOCIAL HALL				
3.00	TOILET BLOCK				
4.00	RAILING AND MASS EXCAVATIONS				
	<u>TOTAL 1</u>				
	<u>ADD</u>				
	<u>Contingencies : PROVIDE A SUM OF 150,000 KENYA SHILLINGS FOR CONTINGENCIES</u>				
	<u>Note* upto 100% of the contingencies Will be used after approval from the project manager and the Quantity surveyor</u>				
	TOTAL 2				
	ADD. 0.03% Capacity Bulding Levy				-
	<u>TOTAL 3</u>				-
	16% V.A.T				-
	<u>TOTAL CARRIED TO FORM OF TENDER</u>				
	SIGNATURE AND STAMP OF TENDERER				
	DATE				
	NAME AND ADDRESS				
	TENDERER'S WITNESS SIGNATURE				
	DATE				
	NAME AND ADDRESS				