

# PROPOSED CONSTRUCTION OF MWARIAMA CULTURAL CENTRE AT MUTHARA

## BILLS OF QUANTITIES & CONDITIONS OF CONTRACT


Feb-15

**FORM OF TENDER**

**PROPOSED CONSTRUCTION OF MWARIAMA CULTURAL CENTRE AT MUTHARA**

Having visited the site and examined the Tender Documents for the execution of the above works, we the undersigned are willing to Contract and perform fully, the whole of the said works in accordance with the said Bills of Quantities, Specifications and Conditions of Contract and to enter into a Contract and complete the whole of the works within the time stated in this Form of Tender.

Our Tender figure including all Preliminaries , P. C. Sums, Provisional Sums, VAT and Contingencies and based on a fixed price contract amounts to ;-

**Kenya Shillings ( Words )** .....  
.....  
.....  
.....

We the undersigned agree to be bound and submit to the said Articles of Agreement, Conditions of Contract and the Priced Bills of Quantities which shall form the basis for the valuation of interim certificates and any extra or omitted work which may from time to time be ordered by the Architect.

Kshs. ( figure ) .....

Signature of Tenderer.....

Name of Tenderer.....

Address of Tenderer.....

Date.....

**TIME FOR COMPLETION**

Further we the undersigned, agree to complete the whole of the works within the time stated below from the date of possession of the site as defined within the Conditions of Contract.

**Words** .....{weeks)

**Figures**.....(weeks)

**OTHER COVENANTS**

And further, we the undersigned agree that:-

We have visited the site and familiarised ourselves with the current status of the works

In the event of your acceptance of this tender, we will provide a bond from a reputable bank for the due performance of the contract.

The employer shall neither be bound to accept the lowest tender or any Tender nor to reimburse any expenses incurred by the tenderer in the preparation of this Tender.

**TENDER VALIDITY PERIOD**

Further we, the undersigned, agree that unless and until a formal agreement is executed, this Tender together with your acceptance thereof, shall constitute a binding Contract between us, and this Tender shall remain a valid offer for Sixty ( 60 ) days.

**EXAMINATION OF TENDER DOCUMENTS**

Further we, the undersigned, have examined all the drawings detailed previously which will form part of this Contract, together with the instructions to Tenderers, and we have no further questions relating to them and we have personally signed each document as identification.

Further we, the undersigned understand that the lowest, or any portion of any tender will not necessarily be accepted nor will any expense incurred by the Tenderer in the preparation of this Tender be allowed. Further the Employer reserves the right to award whole or portion of the tenders and to supply only materials or equipment as may deem fit.

**Signature of Tenderer.....**

**Name of Tenderer.....**

**Address of Tenderer.....**

**FORM OF TENDER**

**BILL NO. 2**  
**BUILDER'S WORKS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
<b>PROPOSED CONSTRUCTION OF MWARIAMA CULTURAL CENTRE AT MUTHARA</b>						
<b><u>GROUND FLOOR</u></b>						
<b><u>ELEMENT NO. 1</u></b>						
<b><u>SUBSTRUCTURE ( ALL PROVISIONAL ) :-</u></b>						
A.	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	265	SM			
B.	Excavate to remove top vegetable soil average 300 mm deep from the existing ground level and cart away and dispose the arising to a location authorised by the local town council.	80	CM			
C.	Excavate trenches in normal soil for strip foundation not exceeding 1.50 M deep from the reduced level.	68	CM			
D.	Ditto for column bases ditto	11	CM			
E.	Extra over all excavations for excavating in rock class II occurring at any depth below existing ground level	5	CM			
<b><u>Disposal of excavated material</u></b>						
F.	Load, cart away and spread extra excavation material on sited as directed by the Architect.	212	CM			
G.	Return, fill and ram selected excavated materials to sides of foundation wall.	27	CM			
<b><u>Wall:-</u></b>						
H.	200 mm rough dressed natural stone wall in cement : sand mortar ( 1:4 ).	94	SM			
<b><u>Filling</u></b>						
I.	300 mm thick approved hardcore filling well handpacked and compacted in layers not exceeding 150 mm thick to make up levels.	265	SM			
J.	50 mm thick murrum or other equal and approved blinding material to surface of hardcore (m.s.).	265	SM			
<b><u>Anti-termite treatment</u></b>						
K.	"Termido® 80WG" or equal and approved insecticide treatment executed complete by a specialist applied strictly in accordance with the manufacturer's printed instructions under a ten year guarantee to blinded surfaces of hardcore	265	SM			
<b>Total carried to collection</b>						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Plain concrete ( 1:4:8 ) as described in :-</u></b>					
A.	50 mm thick under strip foundation	45	SM			
B.	Ditto under column bases	8	SM			
	<b><u>Reinforced concrete 1:2:4 as described in :-</u></b>					
C.	Column bases	4	CM			
D.	Foundations	9	CM			
E.	Columns	5	CM			
F.	100 mm floor slab	265	SM			
	<b><u>Sawn formwork as described to :-</u></b>					
G.	Sides of columns	48	SM			
H.	Sides of column bases	60	SM			
I.	Edges of strip footing 150 - 225 mm girth	38	LM			
J.	Edges of slab 75 mm - 150 mm girth	75	LM			
	<b><u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : ( Provisional ) :-</u></b>					
K.	16 mm diameter	432	KG			
L.	12 mm diameter	360	KG			
M.	10 mm diameter	360	KG			
N.	8 mm diameter	288	KG			
	<b><u>Mesh fabric reinforcement to BS 4483 set in concrete with 300 mm side and end laps (measured nett allow for laps)</u></b>					
O.	B. R. C. A 142 mesh reinforcement to Engineer's specification.	265	SM			
	<b><u>Damp-proof membrane</u></b>					
P.	1000 Gauge polythene or other equal and approved damp proof membrane laid under floor bed with 300mm side and end laps (measured nett; allow for laps )	265	SM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Water disposal</u></b>					
A.	Allow for keeping all excavation clear of surface and running water		ITEM			
	<b><u>Plunking and Strutting</u></b>					
B.	Allow for plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM			
	<b><u>Plinth finishes</u></b>					
C.	12 mm thick plaster to plinth	23	SM			
D.	Prepare and apply two coats black bituminous paint to plastered surface	23	SM			
	<b><u>Precast concrete paving blocks</u></b>					
E.	Provide and lay to fall 60 mm thick medium duty interlocking precast concrete paving blocks as per "BAMBURI BLOX" catalogue or other equal and approved manufacturer's catalogue including vibrating down with an approved plate compactor.	45	SM			
	<b>Total carried to collection</b>					
	<b><u>COLLECTION</u></b>					
	Carried forward from page 1/1					
	Carried forward from page 1/2					
	Brought down from above					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 2</u></b>					
	<b><u>R. C. SUPERSTRUCTURE :-</u></b>					
	<b><u>Reinforced concrete (1:1.5:3) as described to :-</u></b>					
A.	Columns	13	CM			
B.	Beams	18	CM			
C.	150 mm suspended slab	240	SM			
D.	150 mm landing	5	SM			
E.	Staircase	6	CM			
	<b><u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-</u></b>					
F.	16 mm diameter	1770	KG			
G.	12 mm diameter	885	KG			
H.	10 mm ditto	1475	KG			
I.	8 mm ditto	1,770	KG			
	<b><u>Sawn formwork as described to :-</u></b>					
J.	Sides of columns.	137	SM			
K.	Sides and soffits of beams	240	SM			
L.	Soffit of suspended slab	240	SM			
M.	Ditto to landing	5	SM			
N.	Edges of suspended slab 75 mm - 150 mm girth	80	LM			
O.	Sloping soffit of staircase	10	SM			
P.	Edges of staircase cut to profile 200 - 300 mm girth	10	LM			
Q.	Edges of risers 75 - 150 mm girth	32	LM			
	<b>Total carried to Summary</b>					



ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 3</u></b>					
	<b><u>WALLING</u></b>					
	<b><u>Smooth dressed quarry stone or other equal and approved walling in Cement : sand ( 1:4 ) mortar :-</u></b>					
A.	200 mm thick externally.	214	SM			
B.	Apply 12mm thick wallmaster rough course paint to surfaces of the external walls	214	SM			
	<b><u>Machine dressed stones from Nkubu :-</u></b>					
C.	200 mm medium dressed internally	62	SM			
D	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement : sand ( 1:3 ) mortar.	97	LM			
	Supply and fix vent blocks as approved by the project manager	100	Pairs			
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 4</u></b>					
	<b><u>WINDOWS</u></b>					
	<b><u>Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all as per Architect's details :-</u></b>					
A.	Window size 1500 x 1500 mm high	13	NO			
B	Ditto size 600 x 2000 mm window	8	NO			
C	Ditto size 900 x 1000 mm window	2	NO			
	<b><u>Glazing :-</u></b>					
	<b><u>4 mm thick clear sheet glass fixed to metal frames with putty :-</u></b>					
D	Panes 0.1 - 0.5 square metres	53	SM			
E	Ditto but obscure	2	SM			
	<b><u>Prepare and apply three coats oil paint to :-</u></b>					
F	Metal surfaces	110	SM			
G	Ditto to burglar proof.	110	SM			
	<b><u>Window Cill</u></b>					
H	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand ( 1:5 ) mortar	88	LM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
A.	<p><b><u>Wrot cypress :-</u></b></p> <p>150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.</p>	88	LM			
B.	<p><b><u>Knot, prime, stop and apply three coats gloss oil to :-</u></b></p> <p>Wooden surfaces 200 - 300 mm</p>	88	LM			
	<b>Total carried to collection</b>					
	<b><u>COLLECTION</u></b>					
	Carried forward from page 1/6					
	Brought down from above					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 5</u></b>					
	<b><u>DOORS ( All to Architects details ) Supply and fix the following;</u></b>					
	<b><u>Pannelled Mahogany door :-</u></b>					
A.	75 x 1800 x 2400mm high pannelled single leaf door, reinforced with 12mm m.s rod, each leaf comprising of 145 x 55mm side stiles and top rail, 195 x 55mm thick bottom rail, 175 x 45mm rebated meeting stiles with five labours, 55 x 55mm middle rail all dividing the leaf into and including forming 24No. unequal bevel raised solid mahogany panels with four labours; fixed all around to the rebated sides with and including 25 x 25mm beads with three labours the door complete with and including 8mm thick fanlight glazing and frame.	4	NO			
B	Ditto but 900 x 2400 mm high	1	NO			
	<b><u>45 mm semi-solid core flush door faced both side with Cypress veneer all as described :-</u></b>					
C	Door size 900 x 2100 mm	5	NO			
	<b><u>Frames and Finishings</u></b>					
	<b><u>Wrot prime grade Cypress :-</u></b>					
E	150 x 50 mm rebated frame	29	LM			
F	40 x 20 mm splayed and rounded architrave	29	LM			
G	20 mm quadrant	29	LM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Ironmongery</u></b>					
	<b><u>Supply and fix the following approved quality ironmongery to timber with matching screws :-</u></b>					
A	100 mm pressed steel butt hinges	7.5	PRS			
B	Three lever mortice lock with a pair of brass handles as per union catalogue.	10	NO			
D	Rubber door stop floor mounted	10	NO			
E	150 mm aluminium tower bolt	10	NO			
	<b><u>Painting</u></b>					
	<b><u>Prepare and apply one coat aluminium wood primer to back of frame before fixing to :-</u></b>					
G	Surface girth 100 - 200 mm	29	LM			
	<b><u>Prepare and apply three coats of oil paint to :-</u></b>					
H	Surface girth 100 - 200 mm	29	LM			
I	General timber surfaces	38	SM			
J	General metal surfaces	40	SM			
	<b>Total carried to collection</b>					
	<b><u>COLLECTION</u></b>					
	Brought forward from page 1/8					
	Brought forward from page 1/9					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 6</u></b>					
	<b><u>FINISHES</u></b>					
	<b><u>Floors</u></b>					
	<b><u>Cement : sand ( 1:4 ) in :-</u></b>					
A	25 mm thick paving steel trowelled smooth	265	SM			
B	300 x 300 x 8 mm thick coloured non slip ceramic floor tiles	265	SM			
	<b><u>Skirtings</u></b>					
C	100 x 20 mm ceramic tiles skirting with a rounded edge and coved at junction with floor.	107.4	LM			
	<b><u>Walls</u></b>					
D	12 mm thick cement and sand ( 1:4 ) plaster to columns, walls ,beams and jambs internally.	298	SM			
E	Ditto to receive glazed wall tiles	40	SM			
	<b><u>Tiles as per Saj Catalogue :-</u></b>					
F	250 x 200 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	40	SM			
G	12 mm thick cement and sand ( 1:4 ) plaster to columns, walls ,beams and jambs internall and externally.	45	SM			
	<b><u>Painting</u></b>					
H	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.	298	SM			
	<b><u>Ceiling</u></b>					
	<b><u>12 mm thick cement : sand ( 1:4 ) plaster to :-</u></b>					
I	Soffits of Suspended slab and beams	245	SM			
	<b><u>Prepare and apply three coats plastic emulsion to :-</u></b>					
J	Plastered surfaces	245	SM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Staircase finishes</u></b>					
	<b><u>Cement : sand (1:4 ) in :-</u></b>					
A.	24 mm thick paving to receive floor tiles	8	SM			
	<b><u>Tiles as per Saj Catalogue :-</u></b>					
B.	250 x 200 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	16	LM			
C.	Ditto but to 150 x 10 mm in risers	16	LM			
D.	Ditto but 10 mm thick in landing	4	SM			
E.	250 x 10 mm string cut to profile of risers	10	LM			
	<b><u>12 mm thick cement : sand ( 1:4 ) plaster to :-</u></b>					
F.	Soffits of suspended String and landing	9	SM			
	<b><u>Prepare and apply three coats plastic emulsion to :-</u></b>					
G.	Plastered surfaces	9	SM			
	<b><u>Railing :-</u></b>					
H.	Steel balustrading 40 x 25 x 950 mm steel balusters including 75 x 50 mm moulded handrail and 40 x 25 mm mild rail	7	LM			
	<b><u>Prepare and apply three coats gloss oil paint on :-</u></b>					
I.	Metal surfaces	14	SM			
	<b><i>Total carried to collection</i></b>					
	<b><u>COLLECTION</u></b>					
	Carried forward from page 1/11					
	Brought down from above					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>SUMMARY</u></b>					
1	Substructure	1/3				
2	Reinforced Concrete Superstructure	1/4				
3	Walling	1/5				
4	Windows	1/7				
5	Doors	1/9				
6	Finishes	1/11				
	<b>TOTAL FOR GROUND FLOOR CARRIED TO SUMMARY</b>					



ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
<b><u>FIRST FLOOR</u></b>						
<b><u>ELEMENT NO. 1</u></b>						
<b><u>R. C. SUPERSTRUCTURE :-</u></b>						
<b><u>Reinforced concrete (1:2:4) as described to :-</u></b>						
A	Beams	4	CM			
<b><u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : (Provisional) :-</u></b>						
B	12 mm diameter	100	KG			
C	10 mm ditto	100	KG			
D	8 mm ditto	200	KG			
<b><u>Sawn formwork as described to :-</u></b>						
E	Sides of columns.	137	SM			
F	Sides and soffits of beams	240	SM			
<b>Total carried to Summary</b>						

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 2</u></b>					
	<b><u>WALLING</u></b>					
	<b><u>Smooth dressed quarry stone or other equal and approved walling in Cement : sand ( 1:4 ) mortar :-</u></b>					
A.	200 mm thick externally.	258	SM			
B	Apply rough course wallmaster paint to external surfaces of the wall.	258	SM			
	<b><u>Machine dressed stones from Juja :-</u></b>					
C	200 mm medium dressed internally	446	SM			
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b>ELEMENT NO.</b>					
	<b>ROOF STRUCTURE</b>					
	<b><u>ROOF</u></b>					
	<b><u>( PROVISIONAL )</u></b>					
	<b><u>All timber to be well seasoned 2<sup>nd</sup> grade timber pressure impregnated with Tanalith 'C' :-</u></b>					
	<b><u>The following in various Trusses raised 6100 mm from the ground level :-</u></b>					
A.	150 x 50 mm rafters	392	LM			
B.	100 x 50 mm king/end posts, struts/ ties	448	LM			
C.	150 x 50 mm top and ceiling joists	280	LM			
	<b><u>Seasoned Celcured 2<sup>nd</sup> Grade Cypress :-</u></b>					
D	150 x 50 mm common rafters	392	LM			
E	100 x 50 mm purlins	256	LM			
F	100 x 50 mm wall plate	84	LM			
G	150 x 50 mm ridge rafters	68	LM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Roof Covering :-</u></b>					
	<b><u>Supply and fix prepainted gauge 28 IT5 roof cover or other equal and approved roof covering; measured net without allowing for headlaps or side laps laid on and including 50 x 38 mm pressure impregnated cypress batten as described in :-</u></b>					
A.	Roof coverings	408	SM			
B.	250 mm diameter half round ridge, valley and hip cap.	34	LM			
	<b><u>Fascia eaves linings :-</u></b>					
C	Eaves lining consisting UPVC	50	SM			
D	40 x 20 mm wrot podo quadrant in eaves	168	LM			
E	200 x 25 mm chamfered wrot cypress fascia / barge board with splayed heading joints fixed to ends of rafters and purlins.	84	LM			
F	100 x 20 mm moulded cornice	84	LM			
G	250 x 250 mm eaves vents in coffee tray wire and 40 x 25 mm cypress bidding all round including trimming T & G.	6	NO			
	<b><u>Rainwater Disposal:-</u></b>					
	<b><u>28 Gauge SWG galvanized mild steel rainwater goods with lapped, rivetted and soldered joints or seams including all labours :-</u></b>					
H	150 x 125 mm rectangular boxed eaves gutter including fixing clamps at 600 mm centre.	64	LM			
	<b>Total carried to collection</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
A.	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	6	LM			
B.	Extra over ditto for swan neck	6	NO			
C.	Ditto for shoe	6	NO			
	<b><u>Prepare and apply three coats gloss oil paint on :-</u></b>					
D.	Surfaces of wood work girth 200 -300 mm externally	84	LM			
	<b><u>Touch up primer prepare and apply three coats gloss oil paint on metal surfaces as described in :-</u></b>					
E.	Surfaces of gutter 200 -300 mm girth	70	LM			
	<b>Total carried to collection</b>					
	<b><u>COLLECTION</u></b>					
	Brought forward from page 1/7					
	Brought forward from page 1/8					
	Brought down from above					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 3</u></b>					
	<b><u>WINDOWS</u></b>					
	<b><u>Supply and fix the following standard steel casement windows divided into small equal panes complete with 12 mm square burglar proofing bars neatly welded behind the the openable panes and in the same patern as the panes including heavy duty closers and stay, fixing lugs and one coat red oxide primer all as per Architect's details :-</u></b>					
A.	Window size 1500 x 1500 mm high	15	NO			
B	Ditto size 900 x 1000 mm window	8	NO			
C	Ditto size 600 x 2000 mm window	4	NO			
D	Ditto size 600 x 800 mm window	7	NO			
	<b><u>Glazing :-</u></b>					
	<b><u>6 mm thick Bronze tinted sheet glass fixed to metal frames with putty :-</u></b>					
F	Panes 0.1 - 0.5 square metres	49	SM			
G	Ditto but obscure	3	SM			
	<b><u>Prepare and apply three coats oil paint to :-</u></b>					
H	Metal surfaces	104	SM			
I	Ditto to burglar proof.	104	SM			
	<b><u>Window Cill</u></b>					
J	150 x 20 mm thick clay window cill jointed and pointed in coloured cement : sand ( 1:5 ) mortar	45	LM			
	<b><u>Wrot cypress :-</u></b>					
K	150 x 150 mm pelmet box comprising of 150 x 20 mm fascia and top and 50 x 50 mm battens 150 x 150 x 20 mm ends complete with silent gliss brass curtain track with 10 No. runners per metre.	45	LM			
	<b><u>Knot, prime, stop and apply three coats gloss oil to :-</u></b>					
L	Wooden surfaces 200 - 300 mm	90	LM			
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 4</u></b>					
	<b><u>DOORS ( All to Architects details )</u></b>					
	<b><u>45 mm solid cored flush door faced both side with Cypress veneer all as described :-</u></b>					
B	Door size 900 x 2100 mm	28	NO			
C	Door size 800 x 2100 mm	6	NO			
	<b><u>Wrot prime grade Cypress :-</u></b>					
D	150 x 50 mm rebated frame	197	LM			
E	40 x 20 mm splayed and rounded architrave	197	LM			
F	20 mm quadrant	197	LM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>Ironmongery</u></b>					
	<b><u>Supply and fix the following approved quality ironmongery to timber with matching screws :-</u></b>					
A	100 mm pressed steel butt hinges	51	PRS			
B	Three lever mortice lock with a pair of brass handles as per union catalogue.	28	NO			
C	Two lever ditto	6	NO			
D	Rubber door stop floor mounted	6	NO			
E	150 mm aluminium tower bolt	28	NO			
F	100 mm ditto	6	NO			
	<b><u>Painting</u></b>					
	<b><u>Prepare and apply one coat aluminium wood primer to back of frame before fixing to :-</u></b>					
G	Surface girth 100 - 200 mm	197	LM			
	<b><u>Prepare and apply three coats of oil paint to :-</u></b>					
H	Surface girth 100 - 200 mm	197	LM			
I	General timber surfaces	64	SM			
J	General metal surfaces (provisional)	10	SM			
	Total carried to collection					



ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>COLLECTION</u></b>					
	Brought forward from page 18					
	Brought forward from page 19					
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 5</u></b>					
	<b><u>FINISHES</u></b>					
	<b><u>Floors</u></b>					
	<b><u>Cement : sand ( 1:4 ) in :-</u></b>					
A.	28 mm thick paving to receive non ceramic tiles	225	SM			
C.	300 x 300 x 8 mm thick coloured non slip ceramic floor tiles	225	SM			
	<b><u>Skirtings</u></b>					
D	100 x 20 mm ceramic tiles skirting with a rounded edge and coved at junction with floor.	383	LM			
	<b><u>Walls</u></b>					
E	12 mm thick cement and sand ( 1:4 ) plaster to walls ,beams and jambs internally.	1150	SM			
F	Ditto to receive glazed wall tiles	80	SM			
	<b><u>Tiles as per Saj Catalogue :-</u></b>					
G	250 x 200 mm white ceramic wall tiles including border tiles as per Saj Tiles Catalogue.	80	SM			
H	12 mm thick cement and sand ( 1:4 ) plaster to columns.	5	SM			
	<b><u>Painting</u></b>					
I	Prepare and apply three coats silk emulsion paint to internal wall and beam surfaces.	1,150	SM			
J	Ditto columns	5	SM			
	<b><u>Ceiling</u></b>					
K	Supply and fix chipboard ceiling secured to 50x50mm timber banding spaced at 600mm centers including applying three coats of paint.	224	SM			
	<b><u>Prepare and apply three coats plastic emulsion to :-</u></b>					
L	Plastered surfaces	224	SM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
A.	<p><b><u>ELEMENT NO. 7</u></b></p> <p><b><u>JOINERY FITTINGS</u></b></p> <p><b><u>All ( Provisional )</u></b></p> <p><b><u>Wardrobes</u></b></p> <p>2000 x 600 x 2100 mm high wardrobe comprising 100 mm thick mass concrete 1:3:6 plinth steel trowelled screed, wrot prime grade cypress frames, 20 mm thick blockboard, hardwood lipped to shelves, divisions and doors, drawers, shoerack, aluminium ironmongery, 20 mm diameter hanging rail, three coats oil paint and all formwork as per Architect's details.</p>	14	NO			
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
	<b><u>ELEMENT NO. 8</u></b>					
	<b><u>SANITARY FITTINGS</u></b>					
	<b><u>Supply , deliver, install and fix the following sanitary fittings including all materials and jointing to supply, waste / soil and overflow pipes :-</u></b>					
	<b><u>W. C. Suite :-</u></b>					
A.	Vitreous China white WC bowl complete with 9.0 litres cistern and fittings, chrome plated flush lever, 32 mm diameter PVC flush pipe, medium duty seat and cover and 15 mm diameter plastic ball valve as per "CLASSICA" Catalogue including 300 mm long flexible connector 12.5 mm diameter.	14	NO			
	<b><u>Wash hand basin</u></b>					
B.	White vitreous China wash hand basin with 2 No. tap hole, wall support complete with 15 mm diameter chrome plated pillar taps, 32 mm diameter white plastic bottle trap as per "CLASSICA" Catalogue.including 2 No. 300 mm long flexible connector 12.5 mm diameter	14	NO			
	<b><u>Mirror</u></b>					
C.	600 x 400 x 6 mm silver plated plain glass mirror with beveled edges and fixed with chrome plated screws and dome shaped cover.	14	NO			
	<b><u>Toilet roll holder</u></b>					
D.	Ceramic semi - recessed built in toilet roll holder.	14	NO			
	<b>Total carried to Summary</b>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
<b><u>SUMMARY</u></b>						
1	Reinforced Concrete Superstructure	1/15				
2	Walling	1/16				
3	Roof	1/19				
4	Windows	1/20				
5	Doors	1/21				
6	Finishes	1/23				
7	Joinery Fixtures	1/25				
8	Sanitary Fittings	1/26				
<b>TOTAL FOR FIRST FLOOR CARRIED TO SUMMARY</b>						
1/29						

ITEM	DESCRIPTION	QTY	UNIT			
<p align="center"><b><u>PROPOSED CONSTRUCTION OF MWARIAMA CULTURAL CENTRE AT MUTHARA</u></b></p> <p><b><u>SEPTIC TANK</u></b></p> <p><b><u>The following in 1 No. septic tank extreme size 3700 x 2000 x 2600 mm average depth with 1 No. attached manholes :-</u></b></p> <p><b><u>SUBSTRUCTURE ( ALL PROVISIONAL ) :-</u></b></p>						
A.	Excavate pit from ground level not exceeding 1.50 M deep	24	CM			
B.	Ditto over 1.50 M but not exceeding 3.0 M deep	15	CM			
<b><u>Plunking and Strutting</u></b>						
C.	Allow for Plunking and strutting to sides of all excavation to keep excavation free from all fallen materials		ITEM			
<b><u>Water Disposal</u></b>						
D.	Allow for keeping excavation clear of surface and all running water		ITEM			
E.	Remove surplus excavated materials from site or spread on site as directed	20	CM			
<b><u>Filling</u></b>						
F.	Return, fill in and ram well selected excavated materials to make up levels	19	CM			
<b><u>Plain concrete (1:4:8) as described in :-</u></b>						
G.	50 mm thick under concrete bed	8	SM			
<b><u>Reinforced concrete (1:2:4) as described :-</u></b>						
H.	Baffle beam	2	CM			
I.	150 mm thick suspended slab	12	SM			
J.	150 mm thick floor bed	15	SM			
K.	100 mm thick ditto.	2	SM			
L.	Strip foundation	2	CM			
	Total carried to collection					

ITEM	DESCRIPTION	QTY	UNIT		
	<b><u>High Tensile Reinforcement Bars to B. S. 4461 including cutting, bending and all necessary spacer blocks : ( Provisional ) :-</u></b>				
A.	10 mm ditto	110	KG		
B.	8 mm	85	KG		
	<b><u>Mild steel Reinforcement Bars to B. S. 4449 including cutting, bending and all necessary spacer blocks : (Provisional) :-</u></b>				
C.	8 mm	30	KG		
D.	B.R.C. A 142 mesh reinforced to Engineer's specification	15	SM		
	<b><u>Sawn formwork as described to :-</u></b>				
E.	Sides and soffits of baffle beam	4	SM		
F.	Soffit of suspended slab	15	SM		
G.	Edges of suspended slab 75 - 150 mm	15	LM		
H.	Edge of base slab 75 - 150 mm	15	LM		
	<b><u>Dressed quarry stone walling in cement and sand (1:3) mortar as described :-</u></b>				
I.	200 mm walling reinforced as described	32	SM		
	<b><u>Finishes</u></b>				
	<b><u>Plaster</u></b>				
	<b><u>12 mm thick cement : sand (1:1) rendering with sulphate resisting cement to :-</u></b>				
J.	Vertical side of septic tank	32	SM		
K.	Horizontal base of septic tank	7	SM		
L.	Side and soffits of baffle beam	2	SM		
M.	Soffit of suspended slab	7	SM		
	Total carried to collection				

ITEM	DESCRIPTION	QTY	UNIT			
A.	Extra over for benching average height 150 mm high in manhole size 800 x 600 internally forming channel and finish smooth	1	NO			
<b><u>Cast iron manhole cover :-</u></b>						
B.	600 x 450 mm approved medium duty coated cast iron manhole cover and frame and bedding frame in cement and sand (1:2) and setting frame in grease.	4	NO			
C.	Extra over for boxing to form rebate opening size 460 x 600 mm	3	NO			
<b><u>Soak Pit</u></b>						
D.	Excavate soak pit 1400 mm diameter to depth of 4000 mm below ground level. Built 1400 mm thick masonry wall around the soak pit to depth not exceeding 750 mm below ground and plaster masonry wall, cover and soak pit with 150 mm reinforced slab and provide 600 x 450 mm service hole.	1	NO			
Total carried to collection						
<b><u>COLLECTION</u></b>						
Carried forward from page 1						
Carried forward from page 2						
Brought down from above						
<b>TOTAL FOR SEPTIC TANK CARRIED TO EXTERNAL WORKS SUMMARY</b>						



ITEM	DESCRIPTION	QTY	UNIT	RATE	SHS.	CTS.
<b><u>P.C. AND PROVISIONAL SUMS</u></b>						
<b><u>Electrical Installations</u></b>						
A.	Provide the P.C. Sum of Kenya Shillings One Million Thousand (Kshs. 1,000,000.00) only for Electrical Installations.		SUM		1,000,000	00
<b><u>Kenya Power and Lighting Company</u></b>						
B	Provide the P.C. Sum of Kenya Shillings Fifty Thousand (Kshs. 50,000.00) only for Kenya Power and Lighting Company.		SUM		50,000	00
<b><u>Mechanical Installations</u></b>						
C	Provide the P.C. Sum of Kenya Shillings One Hundred Forty Five Thousand (Kshs. 45,000.00) only for Mechanical Installations.		SUM		145,000	00
<b><u>Contingency</u></b>						
D	Allow for Contingency Sum of Kenya Shillings One Million (Kshs. 1,000,000.00) only.		SUM		1,000,000	00
<b>TOTAL FOR P.C. AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</b>					<b>2,195,000</b>	
PCPS/1						

BILL NO	DESCRIPTION	PAGE	CONTRACTOR SHS. CTS.	OFFICIAL SHS. CTS.	CTS.
	<b><u>PROPOSED CONSTRUCTION OF MWARIAMA CULTURAL CENTRE AT MUTHARA</u></b>				
	<b><u>GRAND SUMMARY</u></b>				
1	<b>Particular Preliminaries</b>				
2	<b>General Preliminaries</b>				
3	<b>Trade Preambles and Pricing Notes</b>				
4	<b>Builder's Work :</b>				
	• Ground floor				
	• First floor				
	• Septic tank				
5	P. C. and Provisional Sums	PCPS/1			
	<b>TOTAL FOR BUILDER'S WORKS CARRIED TO FORM OF TENDER</b>				

Name of Contractor .....

Signature .....

Address .....

Name of Employer .....

Signature .....

Address .....

Name of Witness .....

Signature .....

Address .....

GS/1