

BARINGO COUNTY GOVERNMENT



DEPARTMENT OF INDUSTRIALIZATION, COMMERCE, TOURISM AND ENTERPRISES
DEVELOPMENT

BILLS OF QUANTITIES

FOR

**PROPOSED RENOVATION OF MARKET SHED, MARKET
STALLS, AND STORM WATER DRAINAGE.**

AT

ELDAMA RAVINE OLD MARKET

IN

ELDAMA RAVINE TOWN

PREPARED BY:
SUB-COUNTY WORKS OFFICE
ELDAMA RAVINE.

MAY, 2016

MEASURED WORKS

PROPOSED RENOVATIONS TO RAVINE MARKET - SHED.

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS	CTS
A	<p><u>PREAMBLE</u></p> <p>Prices should include both labour and materials (unless otherwise indicated) for any scaffolding or temporary works in connection there with for making good all works disturbed in all trade and for removing rubbish from site. Pulling down taking out and carting away shall be carefully executed and every precaution taken to ensure safety of works and public and cause a minimum of inconveniences to the public and cause a minimum of inconveniences to the public and adjoining owners. Supply erect and maintain during cutting of opening all necessary protection to the existing premises against damage by weather or any other cause. .</p> <p><u>Demolitions – (All provisional)</u></p> <p>Hack existing cement screed and prepare the floor to receive new cement sand screed (Approx. 800sm)</p>	ITEM				
	Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
	<p><u>ROOF</u></p> <p>A. Carefully remove existing GCI roof covering (leaving the structures intact) and store as directed by the project manager (Approx. 627sm)</p> <p>B Ditto to market stalls (Approx 180sm)</p> <p>C Allow for removal of damaged ceiling boards and store as directed by the project manager or client (Approx. 120 sm)</p> <p>D. Allow for removal of brandering and store as directed by the project manager or client (Approx.212 LM).</p> <p>E Allow for removal of timber casement window size 1200x900mm high and store as directed</p> <p>F Allow for removal of double timber door including all frames and framings and store as directed (4 No.)</p> <p>G Demolish existing permanent structures, and cart away all debris and hand over salvaged materials to client (52 No.)</p>		ITEM			
	Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
	<p><u>COLLECTION</u></p> <p>Brought forward from page D/1</p> <p>Brought forward from page D/2</p>					
	<p>TOTAL FOR DEMOLITION CARRIED TO SUMMARY</p>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
<u>RENOVATION OF MARKET SHED</u>						
<u>FLOORS</u>						
A.	40mm thick cement and sand screen (1.3) mix tambered to pattern.	514	SM			
<u>PLINTH (paved areas)</u>						
B.	600x650x50mm paving slaps.	80	SM			
<u>RE-ROOFING</u>						
IT 5 sheets on steel structure						
C.	Roof covering; fixed to slopes.	791	SM			
D.	300mm Ridge / lip cap.26 Gauge galvanized metal	110	LM			
E.	valley gutter over valley rafters m.s; 1000mm girth overall.	71	LM			
F.	Allow for raking cutting to sheet	80	LM			
<u>ROOF STRUCTURE</u>						
Mild steel roof sections welded and fixed						
G.	100X50X4mm Rectangular hollow section in tiebeam and rafters	887	LM			
H.	75X50X4mm ditto in ties and struts welded to tie beam rafters	608	LM			
Carried to collection						

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
A	125x50x20x2mm thick steel/z-purlins	904	LM			
	<u>Rainwater Goods</u>					
	16 gauge purpose made galvanized iron plain sheet rainwater goods with soldered joints as described.					
B.	200X250mm box gutters fixed with and including 30x2mm gutters strips at 600mm centres.	128	LM			
C.	Extra over gutter for stopped end piece with 200x200mm square gutlet.	10	NO			
D.	200X200mm down pipe fixed to steel column with and including mild steel straps at 600mm center.	64	LM			
E.	Extra over downpipe for swanneck.	24	NO			
F.	Extra over down pipes for water shoes	24	NO			
	<u>Painting</u>					
	Prepared and apply one coat of calcium plumbate and two coats of glass oil paints to.					
G.	General surface of metal gutters.	88	SM			
H.	Ditto down pipes.	54	SM			
	Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
	<p><u>COLLECTION</u></p> <p>Brought forward from page MS/1</p> <p>Brought forward from page MS/2</p>					
	<p>TOTAL FOR RENOVATION OF MARKET SHED TO SUMMARY</p>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
	<p><u>RENOVATION OF MARKET STALLS</u></p> <p><u>FLOORS</u></p> <p>A. 40mm thick cement and sand screed (1:3) mix steel trowelled smooth.</p> <p><u>DOORS: (Metal doors)</u></p> <p>B. 1200mm wide x2400mm high overall mild steel paneled door in two equal leaves each size 625mm x2400mm high comprising 75x50x6mm thick mild steel framing al rounds, 1.6mm thick mild steel sheet welded to 75x50x6mm thick angle bracings top and middle rails complete with handles purpose made hinges and all necessary accessories including priming with one coat of red oxide primer before delivery to site.</p> <p><u>Painting</u></p> <p>C. General surfaces of metal</p> <p><u>Ceiling</u></p> <p>D. Supply and fix 13mm thick chipboard ceiling on existing brandering.</p>	<p>240</p> <p>4</p> <p>20</p> <p>120</p>	<p>SM</p> <p>NO.</p> <p>SM</p> <p>SM</p>			
	Carried to Collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS	CTS
	<u>ROOF</u>					
A.	Supply and fix Gauge 28 prepainted roofing sheets fixed on existing purlins to match existing.	60	SM			
B.	Gauge 28 ridge capping to match existing	20	LM			
C.	Allow for replacement of damaged /rotten timber (Approx. 184LM)		ITEM			
	<u>Wrot Cypress</u>					
D.	25x225mm fascial /verge board fixed to feet of existing rafters.	60	LM			
	<u>Painting</u>					
E.	Knot, prime, stop and apply one undercoat and fix coats finishing gloss paint 200-300mm girth.	102	LM			
	<u>Paved areas</u>					
F.	Supply and lay precast concrete slabs size 600x600x50mm thick laid on and including 50mm thick consolidated sand bed.	36	SM			
	Carried to collection					

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
	<u>Rain water Disposal</u>					
	<u>Galvanized iron sheets in;</u>					
A.	150mm deep Box Gutter secured on fascia with wrought metal brackets.	120	LM			
B.	Extra over ditto for stopped ends	4	NO.			
C.	100mm diameter down pipe secured on wall.	12	LM			
D.	Extra over ditto for swanneck	4	NO.			
E.	Ditto shoe.	4	NO.			
	<u>Painting</u>					
F.	Clean surface of dirt, prepare and apply two coats first quality silk vinyl paint to wall surfaces internally	214	SM			
G.	Ditto wall surfaces externally	40	SM			
H.	Ditto ceiling surfaces	120	SM			
I.	Ditto but gloss oil paint to window surfaces (b.s.m)	42	SM			
J.	Ditto to metal door surfaces	60	SM			
K.	Ditto existing roof surfaces	205	SM			
	Carried to collection					

ITEM	DESCRIPTION	KSHS.	CTS
	<p><u>COLLECTION</u></p> <p>Brought forward from page S/1</p> <p>Brought forward from page S/2</p> <p>Brought forward from page S/3</p>		
	<p>TOTAL FOR RENOVATION OF MARKET STALLS CARRIED TO SUMMARY</p>		

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
<u>STORM WATER DRAINAGE</u>						
A.	Excavate to required depths and slopes the drainage trench 175x800x500 shallow 1BD and not exceeding a depth of 300mm. Trim and compact the trenches to correct falls.	24	CM			
B.	Provide place and compact 70mm thick imported hardcore.	8	CM			
C.	Provide mix and place 50mm thick plain concrete (1:3:6) as storm water channel blinding on hardcore base.	4	CM			
D.	Provide , lay and joint 175x800x500mm storm water channels on prepared base.	350	LM			
E.	Provide and place 100mm thick concrete class (1:3:6) base for 50mm cobbles.	4	CM			
F.	Provide and place 50mm cobbles in concrete base.	2	CM			
<u>Outfall Open Storm Drains</u>						
G.	Excavate trench for 225x450x600 IBD starting from ground level and not exceeding 1.0m deep. Trim and shape for IB and 2NO. side slaps.	42	CM			
Carried to collection						

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
A.	Provide lay and compact 150mm thick murram bed to bottom and sides of trench	160	SM			
B.	Provide lay and joint in trench 225x450x600 pre-cast concrete IBD	50	LM			
C.	Provide 2NO side slaps on each side of IBD	96	SM			
<u>Headwalls</u>						
D.	Excavate pit for headwalls	4	CM.			
E.	Provide and place in trench thick plain concrete (1:3:6) as foundation for headwalls	2	CM			
F.	Provide materials for and erect 200mm thick masonry walling for headwall	8	SM			
G.	Provide, mix and place 12mm thick cement and sand rendering to both sides of walls	16	SM			
<u>Culvert Storm Drains</u>						
H.	Excavate trench for 450mm diameter culvert pipes starting from ground level and not exceeding 1.0m deep	4	CM			
I.	Provide and place in trench 100mm thick concrete bed mix (1:3:6)	1	CM			
Carried to collection						

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS.	CTS
A.	Provide lay and joint in trench 450mm diameter precast ogee pipes.	6	LM			
B.	Provide and place 150mm concrete surround around pipes (mix 1:3:6)	2	CM			
C.	Backfill and surrounding the pipes <u>Gravel</u>	2	CM			
D.	Provide spread and compact 200mm thick approved gravel material to the Architects specifications. Carried to collection <u>COLLECTION</u> Brought forward from page SWD/1 Brought forward from page SWD/2 Brought down from above	400	CM			
	<u>TOTAL FOR STORM WATER DRAINAGE</u> <u>CARRIED TO SUMMARY</u>					

ITEM	DESCRIPTION	PAGE NO.	AMOUNT
A	<u>SUMMARY</u> DEMOLITIONS	D/2	
B	RENOVATION OF MARKET SHED	MS/3	
C	RENOVATION OF MARKET STALLS	S/4	
.			
D	SRORM WATER DRAINAGE	SWD/	
	TOTAL FOR RENOVATION WORK CARRIED TO GRAND SUMMARY		

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS	CTS
	<u>P.C AND PROVISIONAL SUMS</u>					
A.	Allow a provisional sum of Kenya shillings one hundred thousand (100,000.00) only for contingencies		SUM			
B.	Allow a provisional sum of Kenya shillings fifty thousand (50,000.00) only for project managers Expenses and stationary		SUM			
C.	Allow a provisional sum of Kenya shillings nine hundred thousand (900,000.000) to compensate owners of Demolished stalls		SUM			
	TOTAL FOR P.C AND PROVISIONAL SUMS CARRIED TO GRAND SUMMARY					

PS/1

ITEM	DESCRIPTION		
	<u>GRAND SUMMARY</u>		

1	PROPOSED RENOVATION WORKS	RW/1	
2	P.C AND PROVISIONAL SUMS	PS/1	
	GRAND TOTAL INCLUSIVE OF VAT		

NAME OF TENDERER.....

ADDRESS.....

SIGNATURE.....

DATE.....

NAME OF WITNESS.....

ADDRESS.....

SIGNATURE.....

DATE.....