

**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>CONSTRUCTION OF HAY SHED</u></b>				
	<b><u>ELEMENT NO. 1</u></b>				
	<b><u>SUBSTRUCTURES</u></b>				
	<b><u>(ALL PROVISIONALLY MEASURED).</u></b>				
	<b><u>(following works have been measured upto and including around floor slab).</u></b>				
	<b>Earthworks &amp; Excavations</b>				
A	Excavate to remove vetetable soil average 200mm deep and deposit as directed.	93	SM		
B	Excavate renches for stripfoundation starting from stripped level and not exceeding 1.5 Metres deep.	48	CM		
C	Extra over excavation for all class rock.	2	CM		
D	Approved hardcore filling well watered rolled and compacted in layers not exceeding 150mm thick.	23	CM		
E	50mm fine material for blinding (murrum / quarry dust) to surface of hardcore well rolled and levelled.	75	SM		
F	Return, fill and ram selected excavate materilas aroud foundations.	10	CM		
G	Load and cart away excavated soil from site as directed.	18	CM		
H	"Termidor" or other equal and approved insecticide solution treatment to manufactures instructions on blinded surfaces and bottoms of foundations.	80	SM		
I	500 Gauge polythene D.P.M underlay sheeting to botttom of slab with end and side laps of 150mm.	80	SM		
J	Allow for keeping excavations free from all waters by draining, pumping or otherwise.		ITEM		
K	Allow for maintaining and upholding sides of excavations as necessary clearing away any debris; rubbish etc.		ITEM		
	<b>TOTAL CARRIED TO COLLECTION .....</b>				

EC/1

**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>SUBSTRUCTURES (CONTINUED)</u></b>				
	<b><u>Plaint concrete 1:4:8 in:-</u></b>				
	<b><u>ELEMENT NO. 1 ) CONTD)</u></b>				
A	50mm thick blinding to foundation bases.	38	SM		
	<b><u>Vibrated Reinforced Concrete (1:2:4) in:-</u></b>				
B	Foundation strip footing.	8	CM		
C	100mm thick ground floor slab.	80	SM		
	<b><u>Sawn formwork to:-</u></b>				
D	Edges of floor slab 75 – 250 mm big.	38	LM		
	<b><u>Steel Reinforcement</u></b>				
	<b><u>Supply and including all necessary tying wires and spacer blocks</u></b>				
E	8mm high tensile square twisted steel bars.	150	KG		
F	10mm Ditto.	120	KG		
G	Steel fabric reinforcement mesh No. A 142.	80	SM		
	<b><u>Natural stone walling in cement - sand (1:3)</u></b>				
	<b><u>Mortar including reinforcing with 20 x 3mm</u></b>				
	<b><u>Thick hoop – iron in every alternate course</u></b>				
H	200mm thick walling.	64	SM		
	<b><u>Plinths</u></b>				
I	12mm thick cement – sand (1:#) render to plinths.	19	SM		
J	Prepare and apply coats of bitumastic paint to rendered plinths externally.	19	SM		
	<b>TOTAL CARRIED TO COLLECTION BELOW COLLECTION FROM PAGE EC/1 FROM ABOVE</b>				
	<b>TOTAL CARRIED TO SUMMARY .....</b>				

EC/2

**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>ELEMENT NO. 2</u></b>				
	<b><u>SUBSTRUCTURE</u></b>				
	<b><u>SAWN CELCURED CYPRESS</u></b>				
A	150 X 50mm horizontal framing.	116	LM		
B	100 x 50mm vertical framing.	288	LIM		
C	12 ½ gauge wire mesh fixed to timber framing (m.S).	102	SM		
D	Prepare and apply three coats of gloss oil paint to wire mesh	203	SM		
	<b><u>Mild steel all welds ground to smooth finish</u></b>				
E	100 x 100 x 3.00mm square hollow section stanchions, 3.00 metres high including base plate, housing plate and 4 No 12mm diameter x 150mm bolts.	15	NO		
F	Prepare and apply three coats of gloss oil paint to metal surfaces.	15	SM		
G	150mm thick machine cut stone walling in cement sand 1:4 mortar	18	SM		
	<b>TOTAL CARRIED TO COLLECTION PAGE ...</b>				

EC/3

## BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>ELEMENT NO. 3</u></b>				
	<b><u>ROOFING</u></b>				
	<b><u>Covering</u></b>				
A	30 gauge is roofing sheets on 75 x 50mm timber Purlins (M/S) with adequate end and side laps.	118	SM		
B	Ditto gables.	18	SM		
C	Ditto matching ridge and valley.	15	LM		
	<b><u>TRUSSES</u></b>				
	<b><u>First grade sawn celcured cypress</u></b>				
D	150 x 50mm Tie Beam.	63	LM		
E	150 x 50mm Rafters.	81	LM		
F	100 x 50mm struts or ties.	50	LM		
G	75 x 50mm purlins.	146	LM		
H	225 x 25mm wrought cypress fascia.	45	LM		
I	Prepare and apply coats of gloss oil paint to 150 – 225mm wooden surface.	45	LM		
	<b>TOTAL CARRIED TO COLLECTION PAGE .....</b>				

EC/4



**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>ELEMENT NO. 4</u></b>				
	<b><u>DOORS</u></b>				
	<b><u>METAL DOORS</u></b>				
	<b><u>The following purpose made mild steel doors complete with hanging and locking accessories fabricated in accordance with the Architectural designs and once primed with red oxide before in:-</u></b>				
A	Single leaf door size 3200 x 2400 mm high overall comprising 50 x 25 mm thick framing, 50 x 25mm RHS vertical infills flush welded and jointed to full width of door.	1	NO		
B	5 – lever mortice steel lock as union or other equal approved with	1	NO		
C	Rubber door stop with raw bolt screwed and plugged.	2	NO		
	<b><u>Prepare and apply one undercoat and two finishing coats gloss oil painting to:-</u></b>				
D	Metal surfaces externally.	7	SM		
E	Ditto internally.	7	SM		
	<b>TOTAL FOR ELEMENT NO.5 DOORS CARRIED TO SUMMARY PAGE .....</b>				

EC/5

**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>ELEMENT NO. 5</u></b>				
	<b><u>FINISHES</u></b>				
	<b><u>FLOORS</u></b>				
A	25mm thick cement – sand (1:4) screed finished smooth.	80	SM		
B	150 x 50mm sawn cypress frames spaced at 1000mm centres both ways.	180	LM		
C	25mm thick ditto floor decking spaced at 300mm centres.	80	SM		
<b>ELEMENT NO . 5 FINISHES TOTAL CARRIED TO SUMMARY PAGE .....</b>					

EC/6

**BoQ's for Hay Stores for Isiolo County Shambani, Korbasa, Garfasa & Munada Nur Locations**

ITEM NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT KSHS
	<b><u>CONSTRUCTION OF HAY SHED</u></b>				
	<b><u>ECD CLASSROOM</u></b>				
1	ELEMENT NO.1 SUBSTRUCTURES B/F FROM E/C 2 ..				
2	ELEMENT NO.2 SUPERSTRUCTURE B/F FROM EC/3 .				
3	ELEMENT NO.4 ROOFING B/F FROM EC/4 .....				
4	ELEMENT NO.5 DOORS B/F FROM EC/5 .....				
5	ELEMENT NO.7 FINISHINGSB/F FROM EC/6 .....				
6	CONTINGENCY				40,000
7	PROJECT MANAGEMENT				20,000
8	SUB TOTAL				
9	ADD 16% VAT				
	<b>TOTAL ELEMENT SUMMARY</b>				
	<b>TOTAL CARRIED TO GRAND SUMMARY .....</b>				

EC/7