

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	BILL NO. 08:CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET COUNTY					
	ELEMENT 1:- SUB STRUCTURE WORKS					
A	Clear site off bushes, scrubs undergrowth and the like including grubbing up their roots and burn the arising on site as directed.	SM	400			
B	200mm thick mass excavation in top soil	CM	30			
C	Excavate trenches for strip foundation not exceeding 1.5 M deep from reduced level.	CM	135			
D	Ditto for column bases	CM	13			
E	Remove surplus excavated materials from site or spread on site as directed	CM	40			
F	Return, fill and ram selected excavated materials to sides of foundation wall	CM	62			
	Foundation Walling:-					
G	Provide and pace class 15/20 100mm thick blinding concrete in strip foundation.	CM	3.6			
H	Ditto for column bases	CM	1.5			
I	Provide and lay 200 mm rough dressed natural stone in foundation walling in cement : sand mortar (1:4)	SM	90			
	Filling					
J	Provide, place and compact approved hardcore filling in layers not exceeding 150 mm thick.	CM	80			
K	Provide, place and compact 50 mm thick murram or other equal and approved blinding material to surface of hardcore (m.s.)	SM	240			
L	Chemical anti-termite treatment executed by Rentokil Laboratories Limited or equal and approved pest control firm under a ten year gurantee, applied to surface of excavation and floor	SM	240			
M	1000 gauge polythene damp proof membrane	SM	240			

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	<u>Plinth</u>					
N	12 mm thick cement and sand (1: 4) plaster to plinth	SM	45			
O	Three coats black bituminous paint to plastered surface	SM	45			
	Provide, place and vibrate reinforced concrete class 25/20 as described in :-					
P	Column bases	CM	9			
Q	Columns	CM	6.5			
R	Strip foundation	CM	6			
S	200 mm thick concrete floor slab	CM	50			
	Provide, place and dismantle Sawn formwork as described to :-					
T	Sides of foundation columns	SM	30			
U	Sides of strip foundation	SM	0			
V	Edges of floor slab 75 mm - 150 mm girth	LM	55			
	Provide high Tensile Reinforcement Bars to B. S. 8110 including cutting, bending and all necessary spacer blocks as described in :-					
W	16 mm diameter bars in Columns	KG	682.00			
X	12mm diameter in ring beams.	KG	320.00			
Y	12 mm diameter in column bases	KG	300			
Z	8 mm diameter as tie ups.	KG	520.00			
AA	B. R. C. A 142 mesh reinforcement	SM	240			
BB	1000g DPM	SM	240			
	TOTAL FOR ELEMENT 01 (SUBSTRUCTURE)					
	<i>ELEMENT NO. 2: REINFORCED CONCRETE SUPERSTRUCTURE</i>					
	<u>Reinforced Concrete (1:2:4) as described to :-</u>					
A.	Columns	CM	7			
B	Beams	CM	9			
	Provide, erect and dismantle Sawn Formwork as described to :-					
C	Sides of columns	SM	135			
D	Sides of beams	SM	135			

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	TOTAL FOR ELEMENT 02 (R.C)					
	ELEMENT NO. 3:- Super structure walling					
	Machine-cut stone walling; bedded and jointed in cement and sand (1:3) mortar; reinforced in every third course with 500g hoop iron, as directed by program Engineer					
A	200 mm thick externally	SM	190			
B	Extra over ditto for neat horizontal and vertical keying externally.	SM	190			
C	Approved 200 mm wide damp proof course laid to breaking joints with 150 mm laps in cement: sand (1:3) mortar.	LM	45			
	TOTAL FOR ELEMENT 03 (WALLING)					
	ELEMENT NO. 4:- Vent blocks Walling					
A	300x200x200mm precast concrete ventilation blocks	SM	50			
B	Provide and fix anti rodents, birds and insects mesh wire as directed by program Engineer	SM	100			
	TOTAL FOR ELEMENT 04 (VENT BLOCKS WALLING)					
	ELEMENT NO. 5:- Doors					
	Steel Door:-					
A	Purpose made sliding steel door overall size 4000 x 4050 mm complete with sliding frame and related accessories and one coat red oxide primer all to Architect's details.	NO	2			
	TOTAL FOR ELEMENT 05 (DOORS)					
	ELEMENT NO. 6:- Roof covering					
	Structural Steel work					

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	The following in framed structural steelwork : complete with and including all welded and bolted connections : delivery to site and erection with and including one shop coat of zinc plumbate primer					
	No. structural steel roof trusses spanning 6,000 mm C/C : hoisting and fixing approximately 6000mm above ground level:					
A.	100 x 50 x 4 mm thick RHS rafters	LM	110			
B	50 x 50 x 3 mm SHS struts and ties	LM	40			
C	100X50X3mm thick end plate welded to RHS joist and rafter.	SM	6			
D	250 x 200 x 8 mm thick base plate welded to truss : drilled with 4 No. holes for 20 mm diameter bolts	SM	1.5			
E	75x75x6mm thick angle cleat welded onto plates	LM	8			
	Support rails , purlins , bracings etc					
F	127 x 50 x2 mm thick Z purlins	LM	260			
G	60 x60 x 6 mm Angle Bracings	LM	130			
H	12mm Dia. Anti-sag Rods	Kg	40			
I	20 mm diameter x 600 mm long bolts with head , nut and washers : fixed to concrete or masonry walls	NO	24			
	Roof covering					
	Al-Zn Coated Steel Box Profile roofing sheets; 28 gauge; pre-painted					
J	Roof covering; 150mm laps on one end and one and a half corrugation side lap; and fixed to steel trusses (m/s) to receive roofing sheets (m/s)	SM	265			
K	22G 570mm Ridge Caps	LM	17			
	TOTAL FOR ELEMENT 06 (ROOF COVERING)					

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	ELEMENT 07: -LOADING/OFFLOADING CANOPY					
	The following in framed structural steelwork : complete with and including all welded, bolts and rivets : delivery to site and erection with and including one shop coat of zinc plumbate primer					
A.	50x50x3mm SHS Rafters, strut & ties	LM	150			
B	50X25X2mm RHS purling	LM	60			
	Al-Zn Coated Steel Box Profile roofing sheets; 28 gauge; pre-painted					
C	Roof covering; 150mm laps on one end and one and a half corrugation side lap; and fixed to steel trusses (m/s) to receive roofing sheets (m/s)	SM	45			
	TOTAL FOR ELEMENT 07 (CANOPY)					
	ELEMENT 08:- Rainwater Disposal:-					
	28 Gauge SWG galvanized mild steel rainwater goods with lapped, riveted and soldered joints or seams including all labours					
A.	2mm thick metallic rain gutter as specified in technical drawings (650mm girth) including fabrication with necessary fittings and installation.	LM	32			
B	100 mm diameter rainwater downpipe imbedded to walls or boxed in walls and all necessary clamping.	LM	30			
C	Ditto for shoe	NO	8			
	TOTAL FOR ELEMENT 08:- (Water disposal)					
	ELEMENT 09:- FINISHING					
	Floors:- Cement : sand (1:4) in :-					

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
A	50 mm thick paving to receive Terrazzo.	SM	225			
B	Terrazzo to Engineer's specification	SM	225			
	<u>Walls</u>					
C	15 mm thick cement and sand (1:4) plaster to walls internally.	SM	250			
	<u>Painting</u>					
D	Prepare and apply three coats of first grade plastic emulsion paint to internal wall and beam surfaces as directed by program Engineer	SM	250			
	TOTAL FOR ELEMENT 09 (Finishes)					
	<u>ELEMENT 10:- PRIME COST AND PROVISIONAL SUMS</u>					
	<u>Electrical Installation</u>					
A	Provide a Prime Cost Sum of Kenya Shillings two hundred thousand (Kshs. 200,000.00) only for Electrical Installation and connection to the warehouse/store and the office (single phase) as directed by program Engineer	SUM	1	200,000	200,000	
	<u>Plumbing and Drainage Installation</u>					
B	Provide a Prime Cost Sum of Kenya Shillings one hundred thousand (Kshs. 100,000.00) only for Plumbing and Drainage Installation as directed by program Engineer	SUM	1	100,000	100,000	
	Allow for contractor's overheads and profits	%		300,000		
	TOTAL FOR ELEMENT 10 (ELECTRICAL AND PLUMBING)					
	ELEMENT NO.11					
	<u>ROOF WATER HARVESTING</u>					

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
A.	Supply and installed one (1) 10,000 litres plastic water container as manufactured by KENTANK (K) LTD or equally approved by the P.M on masonry constructed stand 500 mm above the ground level as directed by the P.M	NO.	1			
B	Construct a 3000mmx6000mm x3200mm shed with 75mm x3mm steel columns roofed with timber trusses and covered with 28 Gauge Roof Covering Corrugated 'Resincot' Iron Sheeting and Accessories	NO.	1			
TOTAL ELEMENT 11						

		AMOUNT	
ITEM	DESCRIPTION	KSHS	
	BILL NO.04		
	STORE		
	SUMMARY		
	ELEMENT 01		
	ELEMENT 02		
	ELEMENT 03		
	ELEMENT 04		
	ELEMENT 05		
	ELEMENT 06		

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY

[Type here]

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT (KSHS)	
	ELEMENT 07					
	ELEMENT 08					
	ELEMENT 09					
	ELEMENT 10					
	TOTAL					

**GRAND SUMMARY FOR CONSTRUCTION OF KIPKOIBET AGGREGATION
CENTRE IN KONOIN CONSTITUENCY, BOMET COUNTY**

BILL No.	DESCRIPTION	CONTRA CT AMOUN T (KES)
Bill No. 1	Preliminary and General Works	
Bill No. 2	Construction of Standard Grain Store	
Bill No. 3	Construction of Grain Dryer Housing	
Bill No. 4	Supply of Agricultural Machinery and Equipment	
Bill No. 5	Construction of Office	
Bill No. 6	Construction of Pit-Latrines	
Bill No. 7	External Works – Fencing and Gate Installation	

MOALD/SDA/ENG/DAC/02/2024-2025- CONSTRUCTION OF KIPKOIBET AGGREGATION CENTRE
IN KONOIN CONSTITUENCY, BOMET COUNTY

**CONSTRUCTION KIPKOIBETAGGREGATION CENTRE ADDITIONAL STORE IN KONOIN CONSITUENCY IN BOMET
COUNTY**

[Type here]

Bill No. 8	Construction Kipkoibet Aggregation Centre Additional Store in Konoin Constituency in Bomet County	
	SUB-TOTAL 1	
	ADD 10% CONTINGENCIES	
	SUB-TOTAL 2	
	ADD 16% VAT	
	TOTAL	