

PROJECT – KOIMAN –KOITUGUM COMMUNITY SUPPLY WATER PROJECT. FY 17-18

Koiman community water project is located in Koitugum area in Cherangany Chebororwo Ward of Marakwet West Sub County. The proposed point of delivery can be accessed through Kapsowar-Cheptongei-Chebilbai-Chebororwo Koitugum Road at Koitugum Centre

The Contractor is advised to visit the site and familiarize himself with site conditions prior to bidding.

CHERANGANY CHEBOROWA WARD

BILL NO. 1: KOIMAN COMMUNITY WATER PROJECT-CHEPKAWAI LINE

Item No.	Description	Unit	Quantity	Rate	Amount (Ksh.)
A	Distribution lines				
A1.	Chepkawai tank to Boundary				
1	Supply and lay 2" upvc pipes class D	m			
2	Supply and lay 2" G.I pipes class B	m	180		
3	Excavate trench size 0.2x0.8m and backfill the same after pipe laying for the above lines	m	2680		
	Sub Total				
A 2.	Mainline to Cattle dip				
1	Supply and lay 1" upvc pipes class D	m	912		
2	Supply and lay 1" G.I pipes class B	m	24		
3	Supply and fix the following fittings:				
3.1	2" x 1" GI Tee	No	1		
3.2	1" Pegler gate valve UK	No	1		
3.3	2" valve sockets	No	4		
3.4	1" valve sockets	No	4		
4	Excavate trench size 0.2x0.8m and backfill the same after pipe laying for the above lines	m	936		
	Sub Total				
A.3	From boundary to Kapseret				
1	Supply and lay and joint 1" upvc pipes class D	m	950		
2	Supply and lay 1" G.I pipes class B	m	24		
3	Supply and lay the following fittings:				
3.1	2"x 1" reducing bush	No	1		
3.2	1" x ¾" red bush	No	3		
3.3	2" tee equal	No	1		
3.4	1 " Pegler gate valve UK	No	1		

3.5	1" valve sockets	No	4		
3.6	Excavate trench size 0.2 x0.8m and backfill the same after pipe laying for the above lines	m	974		
	Sub Total				
A 4.	From tank to Kamisirai Line				
1	Supply and lay ¾" upvc pipes class D	m	120		
2	Supply and lay ¾" G.I pipes class B	m	18		
3	Supply and fix the following fittings:				
3.1	1" GI tee equal	No	1		
3.2	1" x ¾" red socket	No	1		
3.3	¾" GI elbows	No	4		
3.4	¾" tap Pegler UK	No	1		
3.5	¾" Nipple	No	2		
3.6	¾" Pegler gate valve UK	No	3		
3.7	¾" valve sockets	No	4		
3.5	Excavate trench size 0.2x0.8m and backfill the same after pipe laying for the above lines	m	138		
	Sub Total				
A5.	Supply and fix the following fittings at Tank site:				
5.1	3" Gate valve pegler UK	m	1		
5.2	3" GI Tee equal	No	2		
5.3	3" GI nipple	No	2		
5.4	3" x 2" reducing bush	No	3		
5.5	2" Gate valves pegler UK	No	3		
5.6	2" GI nipples	No	6		
5.7	2" unions	No	3		
5.8	2" GI pipes class B	No	3		
5.9	2" valve sockets	No	3		
5.10	Construct 1100mm x 900mm manhole Chambers with lockable device	No	1		
5.11	600mm x 600mm manhole covers with lockable device	No	1		
	Sub Total				
	Total				
	Add publicity signpost				
	Grand Total for pipeline to be carried to Summary sheet				

**BILL NO. 2: PROJECT – KOITUGUM SPRING PROTECTION COMMUNITY SUPPLY
WATER PROJECT.**

CATTLE TROUGH SIZE 3.05m X 0.9m x 0.6m

Item No.	Item Description	Unit	Quantity	Rate	Amount
1.	Excavate for cattle trough	M ³	10		
2.	Supply, place and compact hardcore 200mm thick	M ²	20		
3.	Supply and lay and compact concrete mix ration 1:2:4	M ³	3		
4.	Supply materials and construct 150mm block wall 0.6m high	M ²	4.5		
5.	Supply plaster mix ratio 1:3 and plaster all faces of wall	M ²	10.0		
6.	Supply and fix the following pipes and fittings				
6.1	2" x ½" upvc tee	No	1		
6.2	½" upvc pipe class D	No	1		
6.3	½" valve socket	No	1		
6.4	½" G.I elbows	No	2		
6.5	½" G.I pipe piece class B 0.5m long threaded both sides	No	1		
6.6	½" G.I pipe piece class B 0.3m long threaded both sides	No	1		
6.7	½" G.I pipe piece class B 0.2m long threaded both sides	No	1		
6.8	½" pegler gate valve	No	1		
6.9	½" G.I plain socket	No	1		
6.10	½" ball valve	No	1		
6.11	2" G.I pipe class B	No	1		
6.12	2" G.I bend	No	1		
6.13	2" Pegler gate valve	No	1		
6.14	600 x 600mm man hole cover	No	1		
	Total				
	Add Publicity sign post				
	Sub Total to be carried to summary sheet				

SUMMARY SHEET

No.	DESCRIPTION	AMOUNT
1	Koiman Community Water Project-Chepkawai Line	
2	Koitugum Spring Protection Community Supply Water Project.	
3	ADD Engineers Supervision	100,000/=
	GRAND TOTAL TO CARRIED TO FORM OF TENDER	

AMOUNT IN WORDS (KSHS).....
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CONTRACTOR'S NAME.....

ADDRESS.....

SIGN.....

STAMP.....