

PROJECT – KAPSOWAR COMMUNITY WATER SUPPLY PROJECT. FY
17-18

PIPE LAYING OF GRAVITY MAIN

Kapsowar community Gravity water project is located in Embongosir River Which emanates from Kipkunur forest in Kapsowar ward of Marakwet West Sub County. The proposed Pipe laying site can be accessed through Kapsowar-Kapchesewes Ro'ad at Kapchesewes tank site.

KAPSOWAR WARD

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

BILL OF QUANTITIES

Item No	Item Description	Unit	Qty	Rate	Amount Ksh
1.00	GRAVITY MAIN.				
1.01	Procure, Transport, lay, joint and test 6" Ø GI class B pipes.	m	90		
1.02	Procure, Transport, lay, joint and test 6" Ø UPVC class D pipes.	m	3240		
	Sub Total				
2.00	Supply and fix the following fittings to 2 No. Air valve				
2.01	2" Flanged Air valve	No	2		
2.02	2" sluice valve.	No	2		
2.03	6" x 2" Flanged Tee	No	2		
2.04	6" G1 pipe 1m long and threaded on both sides	No	2		
2.05	6" G1 plain sockets	No	8		
2.06	6" G1 valve socket	No	4		
2.07	Provide materials and construct concrete pillars along the pipeline as directed by the Engineer.	No	4	L/sum	
2.08	1.2m x 1.2m valve chamber with a lockable cover	No	2		
3.00	Supply and fix the following fittings to 2 No. washouts				

3.01	6" GI Tee equal	No	2		
3.02	6" valve socket	No	4		
3.03	6" x 3" reducing bush	No	2		
3.04	3" G1 nipples	No	2		
3.05	3" Pegler(UK) Gate valves	No	2		
3.06	Excavate trench size 0.2 by 0.8m and backfill	m	3330		
	Connections to the 2 No tanks at Kapchesewes				
4.00	Supply and fix the following fittings as directed by the Engineer				
4.01	6" Flanged Tee equal	No	1		
4.02	6" Flanged adaptor	No	1		
4.03	6" x 4" Flanged concentric taper	No	2		
4.04	4" Flanged adaptor	No	2		
4.05	4" G1 pipe piece 0.6m long and threaded on one side	No	3		
4.06	4" drilled Flanges	No	3		
4.07	4" Flanged 90 ⁰ bend	No	2		
4.08	5/8" x 2 ¹ / ₂ " bolts and nuts	No	72		
5.00	Add Engineers Supervision				250,000
	GRAND TOTAL TO BE CARRIED TO FORM OF TENDER				

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

ADDRESS.....

SIGN.....

STAMP.....