

**KAPKURES WATER SUPPLY PROJECT PHASE II- CHILCHILA WARD
(CONSTRUCTION OF A GRAVITY MAIN PIPELINE)**

Summary Page

Bill No.	Description	Amount(Kshs.)
1	Preliminaries and General conditions	515,000.00
2	Gravity Main Pipeline	
	Sub Total	
	16% VAT	
	Grand Total	

**KAPKURES WATER SUPPLY PROJECT PHASE II- CHILCHILA WARD
(CONSTRUCTION OF A GRAVITY MAIN PIPELINE)**

BILL OF QUANTITIES					
S/No.	Item Description	Unit	Qty	Rate (Kshs.)	Amount
					(Kshs.)
1.1	Provide, erect, maintain and remove on completion of the project sign board and branding as directed by the Engineer	ITEM	PC Sum		20,000
1.2	Allow a Provisional sum of Kshs.350,000 for project supervision and Management to be used as per the Engineers instructions	ITEM	PC Sum		350,000
1.3	Allow a provisional sum of Kenya shillings Fifteen Thousand (15,000.00) for use in water quality sampling and testing.	ITEM	PC Sum		15,000
1.4	Allow Kshs 50,000 for project Management committee training	ITEM	PC Sum		50,000
1.5	Add 0.2% of item 1.2 & 1.4 above for contractors's overhead and profit.	%age	0.2	400,000.00	80,000.00
	Sub Total Bill No.1 carried to summary				515,000
	Bill No 2: Rising Main Pipeline				
2.1	Excavation				
2.1.1	In normal soil for 6" & 8"dia. Pipeline n.e 1.5 m deep and in any case not less than 0.6m	CM	600		
	Pipework				
2.2.1	Provide, lay, joint and test the following pipes and fittings. Rates to include for all jointing materials, cuttings, wastages and anchorage.				
2.2.2	OD 200 mm Spigotted G.I Class B	M	100		
2.2.3	OD 200 mm HDPE PN 16	M	1200		
2.2.4	OD 160 mm HDPE PN 16	M	1200		
2.2.6	Provide and install 10" Flanged sluice valve and necessary fittings	No.	2		
2.2.9	150 mm Sluice valve	No.	1		
2.2.12	Provide and fix single air valve of nominal bore 80mm and the necessary fittings on DN 90mm HDPE pipeline	No.	3		
2.2.13	Provide the necessary materials and construct 1m x 1m x 1m lockable masonry valve chambers	No.	1		
	Allow 10% for assorted fittings to include flanged adaptors and connectors and Butt fusion	Item	0.1		
	Sub Total Bill No.2 carried to summary				