

**KIPCHILOI-KAPLETINGI WATER PROJECT.(CHEPKORIO WARD) FY 17/18**

**BILL NO: 1.0. PIPELINE EXTENSION**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<b>DISTRIBUTION LINE TO KAPKUT(3000)</b>				
A1	Excavate trench for pipeline in normal soil measuring 450x600mm deep. Rate to include backfilling of pipeline.	3000	M		
A2	Provide ,lay and fix PVC pipe 1½”( 40mm) class C	2880	M		
A3	Ditto G.I class B. Rate to include provision of sockets.	120	M		
A4	Provide materials and construct and complete valve control chamber 1000mmx1000mmx1200mm in brick work including steel plate cover and pad lock.	2	No		
A5	Provide and install reinforced concrete indicator ( marker ) posts <b>Provide and fix the following as described to pipeline.</b>	20	No		
A6	Peglar gate valve 1½”	2	No		
A7	PVC socket adaptor 1½”	6	No		
A8	PVC socket adaptor 4”	3	No		
A9	G.I union 1½’	4	No		
A10	G.I tee 4”x 11/2 ”	1	No		
B	<b>DISTRIBUTION LINE TO KIPCHULE 2490M</b>				
B1	Excavate trench for pipeline in normal soil measuring 450x600mm deep. Rate to include backfilling of pipeline.	2490	M		
B2	Provide ,lay and fix PVC pipe 1½”( 40mm) class C	2400	M		
B3	Ditto G.I class B. Rate to include provision of sockets.	90	M		
B4	Provide materials and construct and complete valve control chamber 1000mmx1000mmx1200mm in brick work including steel plate cover and pad lock.	1	No		
B5	Provide and install reinforced concrete indicator ( marker ) posts Provide and fix the following as described to pipeline.	16	No		
B6	Peglar gate valve 1½”	1	No		
B7	PVC socket adaptor 1½”	4	No		
B8	G.I union 1½”	1	No		

C	<b>EXPANSION OF INTAKE WORKS.</b>				
C1	Excavate in hard material including loose rocky ground.	180	M <sup>3</sup>		
C2	Excavate and drill along the river bank in hard rock to take 16mm diameter reinforcement steel for the wing wall.	50	M <sup>3</sup>		
C3	Sawn timber formwork as described to sides, wing walls.	60	M <sup>2</sup>		
C4	Provide, cut to size, bend and fix high yield square twisted bars to BS 4461 12mm in the head and wing walls as specified.	180	K g		
C5	Ditto 16mm diameter.	275	K g		
C6	Vibrated reinforced concrete grade 20/20 (1:2:4 ) in weir structure.	25	M <sup>3</sup>		
C7	Provide and place 1:1:3 cement: water proof cement: sand mortar mix plaster to the surface of concrete surfaces.	140	M <sup>2</sup>		
C8	Provide and place stone pitching in 1:3 grouted cement to the sides of the walls along the river bank.	40	M <sup>2</sup>		
C9	Allow for project supervision	Item	LS	Item	<b>50,000.00</b>
C10	Allow for project sign board	Item	LS	Item	
<b>GRAND TOTAL</b>					

M/S.....

P.O. BOX.....

SIGNATURE AND RUBBER STAMP.....

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