

**PROJECT: CHEROTKEI WATER PROJECT. (METKEI WARD)**

**CONSTRUCTION OF INTAKE WORKS, PUMPING SYSTEM AND PIPELINE**

**BILL NO:1 CONSTRUCTION OF INTAKE WORKS**

Item	Item description	Qty	Unit	Rate	Amount
	<b>RIVER TRAINING.</b>				
A	Allow for provisional sum of <b>Ksh 30,000</b> for the diversion of the stream flow to allow construction to take place during the rehabilitation works.	Item	Ls	Ls	<b>30,000.00</b>
B	Excavate trench for the wing and head walls 600mmx 1500m deep. Rate to include backfilling of trenches and reinstatement of the ground to its original formation.	60	M3		
C	Provide and place vibrated reinforced concrete 1:2:4 200mm thick as described to the wing walls, head walls, and a new collection chamber.	10	M3		
D	Provide and fix 12mm $\phi$ reinforcement as described to the weir and collection chamber.	300	Kg		
E	Provide and fix movable screen to the collection chamber including steel plate cover 600mmx600mm complete with padlock.	1	No		
F	Provide and place 20mm thick water proofed cement sand mortar plaster (1:1:3) as described to the exposed concrete surfaces.	20	M2		
G	Allow for sawn timber form work to the concrete	20	M2		
H	Allow for binding wire	6	K g		
I	Provide and place grouted riprap to both side of the stream.	10	M2		
J	Provide materials and construct in reinforced concrete blocks 2000mmx2000mmx1800mm pump house complete with reinforced concrete cover slab, steel door and padlock	1	No		
K	Allow for a provisional sum of <b>Ksh 75,000.00</b> to cover for transportation of materials for construction of the intake works and pump house.	LS	ITEM	LS	<b>75,000.00</b>
	<b>SUB TOTAL CARRIED TO SUMMARY</b>				

**PROJECT: CHORETKEI WATER PROJECT (METKEI WARD)**

**BILL NO. 2 PUMPING SYSTEM AND PIPELINE.**

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	<b>PUMPING SYSTEM</b> Provide ,install , test and commission a surface pump complete with mortar and control panel with the following characteristics 10m <sup>3</sup> /hr at 100m head. Rate to include all taxes and installation materials.	1	No		
B	Allow for a provisional sum of <b>Ksh 150,000.00</b> for electricity connection to the pump house.	LS	Item	L s	<b>150,000.00</b>
C	<b>PIPELINE.</b> Excavate trench for pipeline 400mmx600mm deep in soft soil. Rate to include backfilling of pipelines.	750	M		
D	Provide and lay UPVC pipe 2'' class D	720	M		
E	Ditto G.I 2'' class B	30	M		
F	Allow for supervision of the project	L s	Item	L s	<b>40,000.00</b>
G	Allow for provisional sum of Ksh <b>20,000.00</b> to cater for fittings.	L s	Item	L s	<b>20,000.00</b>
<b>SUB TOTAL CARRIED TO SUMMARY</b>					

**SUMMARY:**

1. INTAKE WORKS.....KSH .....
2. PUMPING SYSTEM AND PIPELINE.....KSH .....
3. **GRAND TOTAL TO BE CARRIED FORM OF TENDER**...KSH .....

**AMOUNT IN WORDS (KSHS)**.....  
 .....  
 .....

**CONTRACTOR'S NAME.....**

**ADDRESS.....**

**SIGN.....**

**STAMP.....**