

CHEPKAITUI IRRIGATION WATER FURROW - Tambach ward

BILL No. 1 PRELIMINARY ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QTY	RATE (Ksh)	AMOUNT (Ksh)
1.1	Contractual Requirements				
1.1	Erection and maintenance of Project signboard	No.	1	15,000.00	15,000.00
1.2	The contractor shall allow a prime sum to be expended by the engineer for supervision, stationery and airtime.	Item		LS	25,000.00
	Total bill No 1. Carried to summary				40,000.00

BILL No.2: INTAKE WORKS - Chepkaitui

NO	ITEM DESCRIPTION	UNIT	QTY	RATE (Ksh)	AMOUNT (Ksh)
2.1	EXCAVATIONS				
	<i>To include for all trimming to levels, back fillings with approved selected spoils, compacting, disposal of surplus materials and reinstatement</i>				
2.1.1	Excavate in a normal soil to take wing walls, abutments, weir, riprap, key, aprons and cut off walls 0.5m deep	m ³	8.6		
2.1.2	Excavate river bed in a sand soil to form water storage reservoir to depth n.e. 0.5m	m ³	13.5		
2.2	CONCRETE WORKS				
	<i>Provide and place the following concrete mixes including all form-work.</i>				
2.2.1	Compacted hard core for weir base as specified in the drawing	m ³	1.9		
2.2.2	Concrete grade 14/20 (1:3:6) for weir base and cut off wall as specified in the drawing	m ³	3.4		
2.2.3	Concrete grade 20/20 (1:2:4) for weir body and wing walls as specified in the drawing	m ³	4.1		

2.2.4	Stone Riprap of 0.2m thick for the weir d/s apron as specified in the drawing	m ²	6		
2.3	REINFORCEMENTS				
	<i>Provide, support and fix the following reinforcement, including all cutting, bending and supports for weir body, floors, walls, slabs, beams etc as shown in the drawings</i>				
2.3.1	High tensile steel, Y12	Kg	92		
2.3.2	High tensile steel, R8	Kg	30		
2.4	METAL WORKS				
2.4.1	Provide and place orifice sliding gate of 3mm MS sheet of dimension 0.5m height x 0.4m width as specified in the drawing	No	1		
	Total bill No 2. Carried to summary				

BILL No.3: CANAL LINING (600m long) - Chepkaitui

ITEM	DESCRIPTION	UNIT	QTY	RATE (KSh)	AMOUNT (KSh)
3.1	EXCAVATION/EARTHWORKS/CUTTING				
	<i>To include for all trimming to levels, backfilling with approved selected spoil, compacting, disposal of surplus material and reinstatement.</i>				
3.1.1	In normal soil to depth n.e. 0.2m to take canal wall as specified in drawing and directed by engineer.	m ³	15		
3.2	CONCRETE WORKS				
	<i>Provide and place the following concrete mixes including all form-work.</i>				
3.2.1	Stone Riprap of 0.3m thick for the canal walls as specified in the drawing	m ²	300		
3.2.2	Plaster (Ratio 1:3) of 18 mm thick inside walls only as specified in the drawing	m ²	300		
TOTAL BILL 3 CARRIED OVER TO SUMMARY					

BILL No.4: DIVISION BOX (1 No.) - Chepkaitui

ITEM	DESCRIPTION	UNIT	QTY	RATE (KSh)	AMOUNT (KSh)
4.1	EXCAVATION/EARTHWORKS/CUTTING				
	<i>To include for all trimming to levels, backfilling with approved selected spoil, compacting, disposal of surplus material and reinstatement.</i>				
4.1.1	In normal soil to depth n.e. 0.2m to take canal wall as specified in drawing and directed by engineer.	m ³	0.5		
4.2	CONCRETE WORKS				
	<i>Provide and place the following concrete mixes including all form-work.</i>				
4.2.1	Compacted hard core for the base of division box as specified in the drawing	m ³	0.1		
4.2.2	Concrete grade 20/20 (1:2:4) for division box walls as specified in the drawing	m ³	0.5		
4.2.3	Stone Riprap of 0.3m thick for the canal walls as specified in the drawing	m ²	3.3		
4.3	METAL WORKS				
4.1	Provide and place orifice sliding gate of 3mm MS sheet of dimension 0.5m height x 0.25m width as specified in the drawing	No	2		
TOTAL BILL 4 CARRIED OVER TO SUMMARY					

SUMMARY SHEET - Chepkaitui

Bill No.	Description	Amount (KSh)
1	Preliminaries and General	40,000.00
2	Intake works	
3	Canal lining	
4	Division box	
	Total inclusive of VAT	