

SUB COUNTY WORKS OFFICER
TIGANIA WEST
P.O. Box 34 • 60602 KIANJAI

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2.90	Collect water sample and carry out full water quality analysis (chemical and bacteriological analysis) for in a reputable laboratory accepted to the project manager and submit water quality test report	LS	1	20,000.00	20,000.00		
2.10	Install 6" well head steel cap and cement slab of dimension 1.0MX1.0MX10M	LS	1	20,000.00	20,000.00		
2.11	Complete the prescribed WRA borehole drilling completion report and submit to WRA	LS	1	4,500.00	4,500.00		
2.12	Processing of water abstraction permit.	LS	1	10,000.00	10,000.00		
2.15	Allow cost for providing water for all requirements of the contract, field camp, drilling works etc	LS	1	50,000.00	50,000.00		
	TOTAL BILL NO. 02 CARRIED TO COLLECTION				2,139,700.00		
	COLLECTION						
1	BILL NO. 01				370,000.00		
2	BILL NO.02				2,139,700.00		
	TOTAL - DRILLING CARRIED TO SUMMARY				2,509,700.00		
ITEM	DESCRIPTION	QTY	16%VAT	UNIT PRICE	AMOUNT(Kshs)		
	PVC WATER TANK INSTALLATIONS						
	ELEMENT NO..02						
3	SQ TUBE 3X3X3MM	12	9,248.64	4,817.00	57,804		
3.1	SQ TUBES 3X3X3	2	6,344.64	19,827.00	39,654		
3.2	SQ TUBE 3X2X3	13	11,296.48	5,431.00	70,603		
3.3	SQ TUBE 1 1/2 X 1 1/2 X 2MM	16	5,184.00	2,025.00	32,400		
3.4	FLAT 1 1/2 X 1/2	8	2,151.68	1,681.00	13,448		
3.5	BLACKSHEET 4X 8 1.5MM	6	5,856.00	6,100.00	36,600		
3.6	WELDING ROD 3.2	3	620.64	1,293.00	3,879		
3.7	CUTTING DISC 9"	15	516.00	215.00	3,225		
3.8	PAINT	12	2,482.56	1,293.00	15,516		
3.9	TURPENTINE	7	1,254.40	1,120.00	7,840		
3.10	PAINTING BRUSH 4"	6	326.40	340.00	2,040		
3.11	CEMENT	8	936.96	732.00	5,856		
3.12	ANGELINE 1 1/2 X 1 1/2 X 3MM	46	17,767.04	2,414.00	111,044		
3.13	TANK	2	28,800.00	90,000.00	180,000		
3.14	TRANSPORT, LABOUR AND INSTALLATION	1	10,032.00	62,700.00	62,700		
	SUB-TOTAL		102,817.44		642,609		
	16% VAT				102,817.44		
	TOTAL- TANK INSTALLATION CARRIED TO SUMMARY				745,426.44		
ITEM	DESCRIPTION	QTY	16%VAT	UNIT PRICE	AMOUNT(Kshs)		
	SOLAR INSTALLATIONS						
	ELEMENT NO...03						
4.0	DSP 8-13 2.2KW PUMP END	1	15,148.80	94,680.00	94,680.00		
4.1	DSM 2.2KW 3PH MOTOR	1	2,662.40	137,064.00	137,064.00		
4.2	2.5MM2 4CORE FLAT SUBMERSIBLE CABLE	160	16,640.00	650.00	104,000.00		
4.3	LONDEX DUAL CABLE	160	2,508.80	98.00	15,680.00		
4.4	2" UPVC DROP PIPE (3M LENGTH)	50	28,000.00	3,500.00	175,000.00		
4.5	2"X 6" BOREHOLE COVER C/W SUNDRIES	1	3,688.80	23,055.00	23,055.00		
4.6	25MM CLASS D PVC AIRLINE PIPES	25	6,200.00	1,550.00	38,750.00		
4.7	2" ADAPTOR SET	1	9,192.00	57,450.00	57,450.00		
4.8	WATER LEVEL SWITCH	1	544.00	3,400.00	3,400.00		
4.9	SUNVERTER 3 2.2KW 3PH CONTROLLER	1	-	264,280.00	264,280.00		
4.10	200 WATTS SOLAR PANELS	16	-	14,000.00	224,000.00		
4.11	TWIN FLAT CABLE WITH EARTH	25	2,480.00	620.00	15,500.00		

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4.12	LIGHTNING ARRESTOR	1		792.00	4,950.00	4,950.00
4.13	COPPER EARTH WITH CABLE	10		832.00	520.00	5,200.00
4.14	PVC DISCONNECT SWITCH	1		-	12,500.00	12,500.00
4.15	SOLAR SUPPORT STRUCTURE	1		48,104.00	300,650.00	300,650.00
4.16	1.5MM 2-CORE SENSOR CABLE	50		1,920.00	240.00	12,000.00
4.17	4MM 4CORE POWER CABLE	50		6,800.00	850.00	42,500.00
4.17	ELECTRODES PENCILS	2		1,424.00	4,450.00	8,900.00
4.18	TRANSPORT, LABOUR CHARGES & INSTALLATION	1		32,000.00	200,000.00	200,000.00
		SUB-TOTAL		178,936.80		1,739,559.00
		16%VAT				178,936.80
TOTAL-SOLAR INSTALLATION CARRIED TO SUMMARY						1,918,495.80
ITEM	DESCRIPTION	QTY	UNIT PRICE	AMOUNT		
WATER POINT						
ELEMENT NO.04						
5.0	½ LORRY OF BLOCKS	0.5	80,000	40,000.00		
5.1	½ LORRY OF SAND	0.5	40,000	20,000.00		
5.2	20 BAGS OF CEMENT	20	800	16,000.00		
5.3	DOOR	1	10,000	10,000.00		
5.4	WINDOW	1	4,000	4,000.00		
5.5	LABOUR	1	10,000	10,000.00		
TOTAL FOR WATER POINT CARRIED TO SUMMARY				100,000.00		
ITEM	DESCRIPTION	PAGE	AMOUNT(KSHS)			
SUMMARY						
1	DRILLING		2,509,700.00			
2	TANK INTALLATION		745,426.44			
3	SOLAR INSTALLATION		1,918,495.80			
4	WATER POINT		100,000.00			
TOTAL - SUMMARY CARRIED TO GRAND SUMMARY			5,273,622.24			
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT	
PROVISIONAL SUMS						
The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required						
A	Allow a provisional sum of Kenya Shillings One Hundred Thousand only (Kshs 100,000.00) for Contingencies			ITEM	100,000.00	
P.C SUM						

SUB COUNTY WORKS OFFICER
TIGANIA WEST
P.O. Box 34-60602 KIANJAI
Alfred

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Box 34-60602
Hunt.