

	COUNTY	NAKURU		
	SUB COUNTY	KURESOI NORTH		
	WARD	KAMARA		
	PROJECT NAME	TARAKWET WATER P		
	SUBJECT	PIPE LAYING		
ITEM	DESCRIPTION	UNIT	QTY	RATE
1	Establishment of a sign board as directed.	No.	1	
	Provide,join,test &commision the following pipes.			
1.1	PVC pipes class C' 2.5" Ø for gravity main.	No.	50	
1.2	PVC pipes class D' 2" Ø for gravity main.	No.	880	
1.3	PVC pipes class E' 2" Ø for gravity main.	No.	450	
1.4	G.I Pipes Class B' 2" Ø for road crossing.	No.	9	
1.5	Double Air valve 2" Ø.	No.	3	
1.6	Washout valve 2" Ø	No.	3	
1.6	Gate Valve (pegler) 2.5" Ø(Complete with fittings)	No.	2	
	Sub total			
	Add 5% for other fittings			
	Sub Total			
2	Labour works			
	Trenching, Pipe laying and Backfilling: Join, test and commission pipes of various sizes andprovide pipes bedding materials and cover or the pipes.			
2.1	Clear 1m width of pipeline route of all bush, grass, roots and trees n.e.600mm girth.	m ²	989	
2.2	Excavate and backfill in trench all the materials as per drawings and for depth n.e 0.7m. on soft soil.	m ³	1877	
2.3	Ditto over soft rock.	m ³	45	
2.4	Cut down edges,grab up all the roots and dispose from site	m ²	317	
2.5	Excavate material for pipe support or anchorage as specified in the working drawings, for foundation depth not exceeding 1.0m.	m ³	10	
2.6	Excavate pits to receive bases and walls of valve chambers with plan dimension as specified for depth not exceeding 1.m.	m ³	8	
2.7	Supply materials and construct valve chambers complete with concrete support for the valve. 14 gauge lockable steel cover and frame as per drawing.(size 1.0m x1.0m.)	No	6	
2.8	Supply and place indicator poles complete with inscription 'Maji, w/o, a/v' as directed by the Supervisor for all the valves and pipeline route.	No	12	
	Sub Total			
	TOTAL			
	ADD 5% Supervision and Inspection .			
	SUB TOTAL			
	ADD 16% V.A.T			
	GRAND TOTAL			

