

KILOS ONONOI COMMUNITY WATER SUPPLY PROJECT

ARROR WARD

CONSTRUCTION OF INTAKE WORKS, GRAVITY AND DISTRIBUTION MAIN

BILL OF QUANTITIES

Item No	Item Description	Unit	Quantity	Date	Amount
A	Intake works				
1	Clear bush at the intake site	Item	L/sum		
2	Excavate for weir including working space to a depth not more than 1.5m,back fill and dispose excess at not more than 50m away.	m ³	20		
3	De-silt and clean the created reservoir	Item	L/sum		
4	Supply and fix formwork	m ²	35		
5	Supply, cut, bend and fix 10mm twisted bars	m	540		
6	Supply and lay concrete of, mix ratio 1;2;4 and make concrete surface good	m ³	8		
7	Supply and use binding wire	Kg	30		
8	Supply and fix bar screens size 0.6m by 0.4m	No	1		
9	Supply, lay and fix 4" GI pipe C/B	No	2		
10	Supply and fix 4 G" GI pipe C/B 0.6m long and threaded on one side.	No	2		
11	Supply and fix 3" GI pipe C/B	No	1		
12	Supply and fix 3" foot valve.	No	1		
13	Supply and fix 3" sluice valve	No	1		
14	Supply and fix 3" drilled flanges	No	2		
15	Supply and fix 4" drilled flanges	No	4		
16	Supply and fix 4" sluice valves	No	2		
17	Supply and fix 5/8" by 2.5" bolts and nuts	No	12		
18	Supply materials and construct 1.2m by 1.2m valve chamber	No	2		
	Sub-total				

Item no	Description	Unit	Quantity	Rate	Amount
B	Gravity main to Proposed tank site				
	Clear pipeline route (Rock boulders, Logs etc)	m	1200		
1	Supply and lay 3" G1 pipes class 'B'	No	155		
2	Supply and fix 3" 90 degree bends	No	10		
3	Supply and fix 3" x 2" GI red socket	No	1		
4	Supply and fix 3" Pegler Gate valve (UK)	No	1		
5	Supply and fix the following fittings to 1 No air valves				
5.1	1" Air valve	No	1		
5.2	1" Nipples	No	2		
5.3	1" Pegler Gate valve	No	1		
5.4	3" by 1" reducing bush	No	1		
5.5	3" Tee equal	No	1		
	Sub-total				
	Distribution Line towards Ononoi Center and school				
1	Supply and lay 2" G1 pipes class 'B' on ground surface	No	100		
2	Supply and fix 2" GI bends	No	10		
3	Supply and fix 2" Pegler Gate valve (UK)	No	1		
3	Supply and fix the following fittings to 1 No air valves				
3.1	1" Air valve	No	1		
3.2	1" Nipples	No	2		
3.3	1" Pegler Gate valve	No	1		
3.4	2" by 1" reducing bush	No	1		
3.5	2" Tee equal	No	1		
3.6	Construct anchors along the pipeline as directed by the Engineer	No	9		
	Sub Total				
	Add Engineers Supervision				100,000.00
	Add Publicity sign post				20,000.00
	Grand Total				

