

5.00	BILL NO.5: CONSTRUCTION OF 50M3 ELEVATED STEEL TANK IN SUKUMA VILLAGE, NGAREMARA WARD , ISIOLO SUBCOUNTY , ISIOLO COUNTY				
No	ITEM DESCRIPTION	UNIT	QTY	RATE Kshs	Amount Kshs
	GENERAL ITEMS				
5.01	General Site clearance	M2	25.0		
	<u>FOUNDATION EXCAVATION</u>				
5.02	Excavate for foundation of water tower depth n.e. 2m. Rate to include backfilling after fixing the steel collumns.	m ³	13		
5.03	Ditto but excavation through rock (Provisional)	m ³	28		
	<u>FOUNDATION CONCRETING</u>				
5.04	Supply all material, place and compact 300mm hardcore layer	m ³	8		
5.05	Supply all material and lay 50mm class 15 concrete blinding layer	m ³	4		
5.06	Supply all material and lay class 20 reinforcement concrete for tower foundation	m ³	42		
	<u>STRUCTURAL :- STEEL TOWER WORKS</u>				

5.07	<p>Design and supply to BS449 fabricate as per the drawing , a 12m teel structure tower designed to take sectional steel tank 50m³ capacity when full of water. ower 50m³ pressed steel tank , complete with access ladder, walkway and handrailing access cover and roof vent Tower to standard finish of one coat zinc chromate primer and 2coats of aluminium paint. Cost also to include transportating and assembling on site.</p> <p><u>STRUCTURAL :- STEEL TANK ASSEMBLING WORKS</u></p>	No	1		
5.08	<p>Design to BS1564 fabricate as per the drawing, and supply steel sectional tank whose capacity is 50m³ when full of water complete with both outer and internal access ladder, roof cover, level indicator, access cover and vents. Tank to standard finish of 1 coat zinc chromate primer and 2 coats of aluminium paint. Cost to include transportatin and assembling on site.</p> <p><u>PLUMBING WORKS AND TANK TESTING</u></p>	No	1		
5.09	<p>Prvide for 63mm diameter class D GI Plumbing at the inlet , outlet and washout. Prices to include piping upto ground or base termination</p>	item	1		
5.10	<p>Water tightness testing, cleansing and sterilizing of 50m³ elevated tank as per specification</p> <p>TANK FENCING</p>	No	1		
5.11	<p>Alow for fencing of tank using 110mmx110mm 3m precast concrete post spaced at 3m c/c, chainlink and barbed wire. Include for for fixing of 40mm SHS 4mm. Size 10mx10m</p>	Item	1		

5.12	Provide 110mm x 110mm x 3000mm long precast concrete bracing posts at corner, side centre post including at gate collumns.				
5.13	BOREHOLE FENCE Supply, Installation, Testing and Commissioning of Free Standing Electric Fence farm. Fence to have 15 strands of 8 live, gate and 7 earth Electric Wires. Posts spacing is 4m apart.	LS	1		
	TOTAL CARRIED TO SUMMARY				
	GRAND TOTAL INCLUSIVE OF V.A.T				-