

Item	Description	Unit	QTY	Rate	Amount	
					Kshs	Cts
	<b>SEPTIC TANK 100 PERSONS - ELEMENT 14</b>					
	<b>Substructures – All Provisional</b>					
	<b><u>Septic Tank – 100 Persons.</u></b>					
A	Excavate pits commencing from ground level but not exceeding 1.50M deep.	C.M	67			
B	Excavate as before described over 1.50M but not exceeding 3.0M deep.	C.M	67			
C	Extra over excavation at any depth for excavating in rock for all class of rock.	C.M	40			
D	Load cart away surplus excavated materials away from site and dispose to areas designated by Local Authority	C.M	84			
E	Return, fill and ram selected materials around structural wall and manholes.	C.M	50			
	<b><u>Item.</u></b>					
F	Provide all necessary plunking and strutting to uphold sides of trenches.	ITEM	ITEM			
G	Allow for keeping all excavation free from general water by means of pumping, bailing or otherwise.	ITEM	ITEM			
	<b><u>Concrete.</u></b>					
	<b><u>Mass Concrete Class P as described</u></b>					
H	Plain concrete (1:4:8-20mm aggregates) in 50mm thick blinding to pit.	S.M	25			
	<b><u>Vibrated reinforced concrete class</u></b>					
	<b><u>20/25 1:2:4/25 as described in:</u></b>					
I	Pit bases LWH (6,400 x 2,700 x 200mm) sloping not exceeding degrees.	C.M	4			
J	Manhole bases LWH (1,150 x 1,300 x 150mm)	C.M	1			
	<b><u>Sawn soft wood formwork to:</u></b>					
K	Vertical sides of pit and manhole base.	S.M	5			
	<b><u>Steel reinforcement bars including cutting, bending, spacer blocks, tying wires and fixing high tensile bars to BS 4461, 12mm diameter bar to:</u></b>					
L	Pit bases.	K.G	400			
M	Manhole bases.	K.G	100			
	<b><u>Vibrated reinforced concrete class</u></b>					
	<b><u>20/25 1:2:4/25 as described in:</u></b>					
N	Pit structural walls	C.M	19			
O	Manhole walls	C.M	8			
P	Baffle walls LWH (2,400 x 100 x 800mm)	C.M	1			
Q	Suspended cover slab	C.M	4			
	<b>Carried forward</b>					

Item	Description	Unit	QTY	Rate	Amount	
					Kshs	Cts
	<b><u>Brought forward</u></b>					
	<b><u>Substructures – Continued All Provisional</u></b>					
	<b><u>Sawn soft wood formwork to:</u></b>					
A	Vertical sides of structural walls.	S.M	45			
B	Horizontal soffit of suspended slab.	S.M	18			
C	Edge of bed over 150mm and not exceeding 225mm high.	L.M	24			
D	Soffit of baffle wall	S.M	1			
E	Vertical sides of baffle wall	S.M	5			
F	Box formwork for manhole covers	S.M	3			
	<b><u>Steel reinforcement bars including cutting, bending, spacer blocks, tying wires and fixing high tensile bars to BS 4461, 12mm diameter bar to:</u></b>					
G	Structural and manhole walls	K.G	2,700			
H	Baffle wall	K.G	100			
I	Suspended slab	K.G	400			
	<b><u>Mild steel bars to BS 4461 ,8mm diameter bar to:</u></b>					
J	Baffle wall	K.G	100			
	<b><u>Finishes.</u></b>					
K	20mm thick Cement/sand mortar water proof plaster (1:3) to structural walling internally with steel float finish.	S.M	100			
L	Ditto externally	S.M	70			
M	Ditto suspended slab	S.M	15			
N	25mm thick Cement/sand mortar water proof (1:3) floor screed to structural base floor with steel float finish.	S.M	18			
O	Ditto to suspended slab and manholes	S.M	20			
P	Plain concrete (1:3:6) in 150mm average bench to manhole internal size 800 x 600mm including forming channel and finished smooth.	S.M	1			
Q	Allow for 300 x 200mm slots at 500mm centers on structural wall.	NO.	5			
R	150mm diameter UPVC Tee in – let and out – let bedded in cement/sand mortar (1:3).	NO.	1			
S	Cut holes in 250mm structural wall to receive 150mm diameter pipes and make good.	NO.	2			
	<b><u>Carried forward</u></b>					

Item	Description	Unit	QTY	Rate	Amount	
					Kshs	Cts
	<b><u>Brought forward</u></b>					
	<b><u>Substructures – Continued All Provisional</u></b>					
A	16mm diameter U – shaped mild steel step iron fixed to structural wall.	NO.	18			
B	Cut holes in 250mm structural wall to receive 16mm diameter steps (M.S) and make good.	NO.	36			
C	Allow for constructing new soak pit of diameter 2,400 x 5,000mm deep complete with masonry wall 1,800mm high, rendering, heavy duty manhole cover and connecting to septic tank.	NO	1			
D	Allow for testing by Local Authority.	ITEM	ITEM			
E	Allow for all necessary Statutory approvals to client's approval.	ITEM	ITEM			
F	Allow for refilling existing soak pit with approved murram	ITEM	ITEM			
	<b>ELEMENT NO. 1 (SEPTIC TANK) – TOTAL CARRIED TO SECTION SUMMARY</b>					