

Item	Specs
Soakaway pit	Between 1.5m and 4m deep, not less than 2m above groundwater. A pit of 1m <sup>3</sup> must be dug and a perforated 200L metallic barrel (with holes) is place inside the hole. Empty space around barrel is lined with porous material and filled with coarse rocks and gravel. Sand and fine gravel spread across bottom to disperse flow. Removable lid to seal the pit. The lid is metallic cover with handle. When the soil is rocky or the water table is high, it is necessary that the barrel and the lid be installed. Quality tested on site with percolation test.
Site Improvement: Ground Leveling	In case the site remains muddy even after drainage works (French drainage or soak away pit) an excavator will level the ground before spreading a first layer of 10cm of small gravels. After compaction of the first layer of gravel, a second layer of 5cm of bigger gravel is spread and levelled.
Site Improvement: Channel Cleaning	As a method of flood-prevention in ITSs, channels surrounding the ITSs must be cleaned to remove debris and waste.
Concrete Foundation for Water Tanks	Concrete base for water tank stands to ensure their stability where soil is clayey or unstable. Sulphate Resisting Cement should be used in all concrete work adjacent to the soil. The use of vibrations during casting concrete. All shuttering should be made from plywood to ensure acceptable fairfaced concrete faces. Supply, cast, install and vibrate concrete for slabs with compressive strength 25 MPA. use Twisted Steel reinforcement bars of diameter 14mm where needed.

BoQ				Estimated quantities of item for 3 years
<i>Item</i>	<i>Specs</i>	<i>Unit</i>	<i>Quantity</i>	
Metallic drum 200L	with holes 1cm diam	pcs	1	1658
Metallic cover with handle	800cmx800cmx3mm	m2	0.6	
Gravel 20 to 50 mm		m3	1	
Labor		manday	1	
Delivery and installation		unit	1	
<i>Item</i>	<i>Specs</i>	<i>Unit</i>	<i>Quantity</i>	
Gravel 5 to 20 mm	layer of 10 cm	m3	20	346
Gravel 20 to 50 mm	layer of 5 cm	m3	10	
Labor		manday	1	
Delivery and installation		unit	1	
<i>Item</i>	<i>Specs</i>	<i>Unit</i>	<i>Quantity</i>	
Rent of excavator	depending on soil type	manday	1	198
Labor		manday	2	
<i>Item</i>	<i>Specs</i>	<i>Unit</i>	<i>Quantity</i>	
Concrete	1m3 for every 3 stands	m3	0.33	57
Labor		manday	1	