

Ref	Item description	Unit	Quantity
1	Course sand (for foundation)	m3	14
2	Concrete blocks for foundation perimeter (400 x 200 x 200)	pce	150
3	Cement	kg	3300
4	Fine sand (for concrete and mortar)	m3	4.5
5	Aggregate (for concrete)	m3	5
6	Reinforcement bar - 6mm	m	170
7	Reinforcement bar - 9mm	m	1460
8	Steel channel sections - 3m x 75mm x 37.5mm	pce	6
9	Wire mesh - 1mm dia. In 20 x 20mm grid	m2	125
10	Galvanised pipe - 2.7m x 150mm dia	pce	1
11	Steel plate	m2	0.1
<p>Refer to <i>Large Ferro-cement Water Tank – Design parameters and construction details (UNHCR, 2006)</i> for a reinforcement bending schedule.</p>			