

Bill of Quantities

Installation, Construction of Rainwater Harvesting Facility at DMI and Gudele East 1&2 Primary Schools

S/No.	Item	Unit	Quantity	Unit rate (USD)	Amount (USD)
1.00	Earth works				
1.01	Excavate a foundation trenches 0.3 m, Soakaway 1.0m depth and removal of the top soil in 10 cm layers with compaction including disposal of all surplus soil out of the site	Cu.m	3.50		
	Sub-total 1				
2.00	Construction works				
2.01	Construct 200 mm circular basement and perimeter for tap stand manholes wall in well burnt red bricks for the water storage tanks in 1:3 cement mix ratio	Sq.m	7.00		
2.02	Imported murrum (gravel) well spread levelled and compacted inside and surround the plateform .	Cu.m	4.00		
2.03	Cast reinforce concrete slab of 12 cm thick on the top of the basement and the plateform considering concrete grad of M20	Cu.m	2.00		
2.04	13mm thick cement sand (1:4) plastering including screeding mix with water proof cement.	Sq.m	20.00		
	Sub-total 2				
3.00	Supplies and Fixtures				
3.01	Supply and install a Vertical Plastic water tank of 5000 liters 5cm concrete basement connected with overflow, washout and outlet with a gate valves england made acceses	No	2.00		
3.02	Supply and install gutters 6 inches with clips at a span of 75 cm connecting to the water storage	M	50.00		
3.03	Supply and install a PVC pipe of 3inches connected as inlet to the storage tank while considering first flash out sytem using 4" PVC pipe plug and connect for waste water to soakaway	M	10.00		
3.04	Supply and install in the plateform England made water taps of 3/4" on a GI pipe connected to the water storage tank using (HDPE flexible) PE 100 pipe OD63 PN10 wall thicks 3mm (1.0) as well considering overflow and washout access with control valve for both schools	L-S	1.00		
	Sub-total 3				
	Grand Total				

**Note : Constructed platform for two taps only for Gudele East primary schools
For DMI school the provide one taps
Ensure, Washout, overflow for all the provided water storage tanks**

