

CONSTRUCTION OF WATER COLLECTION FACILITY - N. FOHDHOO  
SUMMARY SHEET

Bill No	Item	Amount
1	Preliminaries	
2	Site clearance	
3	Earth works	
4	Concrete works	
5	Masonry works	
6	Plastering works	
7	Roofing works	
8	Structural steel works	
9	Plumbing works	
10	Others	
Sub Total		
GST 6%		
GRAND TOTAL		



**CONSTRUCTION OF RAIN WATER HARVESTING FACILITY - N. FOHDHOO**  
**Bill of Quantities**

No	Item	Unit	Quantity	Rate	Amount
<b>1</b>	<b>PRELIMINARIES</b>				
1.1	Mobilization to site	LS	1		
1.2	Site management cost including set up of temporary services for contractor's services as maybe necessary	Months			
1.3	Setup sign board on site	LS	1		
1.4	Clean up site upon completion of works	LS	1		
1.5	Demobilization	LS	1		
<b>2</b>	<b>SITE CLEARANCE</b>				
2.1	Allow for all site clean up work including relocation of any existing material to waste yard of island	LS	1		
<b>3</b>	<b>EARTH WORKS</b>				
	<i>Former preschool site</i>				
3.1	Excavation work for perimeter foundation wall	m3	2.12		
3.2	Excavation for pole footings	m3	0.50		
3.3	Filling of foundation pad with soil	m3	25.50		
3.4	Levelling of filled soil to cast slab	m2	42.50		
	<i>Harbour site</i>				
3.5	Excavation work for perimeter foundation wall	m3	4.11		
3.6	Excavation for pole footings	m3	1.13		
3.7	Filling of foundation pad with soil	m3	66.00		
3.8	Levelling of filled soil to cast slab	m2	111.00		
<b>4</b>	<b>CONCRETE WORKS</b>				
	<i>Former preschool site</i>				
4.1	Casting of 75mm concrete screed over compacted sand. Rate shall include provision of damp proof membrane, provision of cover blocks and provision of reinforcement	m3	3.19		
4.2	Casting of concrete footings for shed columns	m3	0.50		
	<i>Harbour site</i>				
4.3	Casting of 75mm concrete screed over compacted sand. Rate shall include provision of damp proof membrane, provision of cover blocks and provision of reinforcement	m3	8.33		
4.4	Casting of concrete footings for shed columns	m3	1.13		
<b>5</b>	<b>MASONRY WORKS</b>				
	<i>Former preschool site</i>				
	1000mm high wall for perimeter foundation wall	m	26.5		
	<i>Harbour site</i>				



5.2	1000mm high wall for perimeter foundation wall	m	51.4		
6	<b>PLASTERING WORKS</b>				
	<i>Former preschool site</i>				
6.1	25mm plastering on perimeter foundation wall	m2	53		
	<i>Harbour site</i>				
6.2	25mm plastering on perimeter foundation wall	m2	102.8		
7	<b>ROOFING WORKS</b>				
	<i>Former preschool site</i>				
7.1	Lysaght roofing sheet for collection bay area. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	43.89		
7.2	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	51.30		
7.3	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	77.00		
7.4	Installation of gutter on both sides of roof	m	15.40		
	<i>Harbour site</i>				
7.5	Lysaght roofing sheet for collection bay area. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	111.72		
7.6	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	148.20		
7.7	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	196.00		
7.8	Installation of gutter on both sides of roof	m	39.20		
8	<b>STRUCTURAL STEEL WORKS</b>				
	<i>Former preschool site</i>				
8.1	Fabricate and install roof supporting frames made from 50mm G.I pipes. Rate shall include all cuts, welds and applying oxide coating on the welds	nos	4		
8.2	Fixing 50mm G.I pipes between pipes at roof level to provide overall support	m	21		
8.3	Welding of studs to base of pipes	LS	1		
	<i>Harbour site</i>				
8.4	Fabricate and install roof supporting frames made from 50mm G.I pipes. Rate shall include all cuts, welds and applying oxide coating on the welds	nos	9		
8.5	Fixing 50mm G.I pipes between pipes at roof level to provide overall support	m	56.4		
8.6	Welding of studs to base of pipes	LS	1		
9	<b>PLUMBING WORKS</b>				
	<i>Former preschool site</i>				



9.1	Provide connection from gutter to collection rank. Rate shall include all necessary pipes, bends, fittings and valves and others as maybe required.	LS	1		
9.2	Provide 5000 L tank to site and install as shown on drawing	No	6		
9.3	Provide 75mm downpipe for roof including fittings and valves	No	4		
	<b>Harbour site</b>				
9.4	Provide connection from gutter to collection rank. Rate shall include all necessary pipes, bends, fittings and valves and others as maybe required.	LS	1		
9.5	Provide 5000 L tank to site and install as shown on drawing	No	15		
9.6	Provide 75mm downpipe for roof including fittings and valves	No	4		
10	<b>OTHERS</b>				
	<b>Former preschool site</b>				
10.1	Applying paint coating on all steel members including tar paint for surfaces below ground level	LS	1		
10.2	Setting up water tapping station as per drawing and detail given	LS	1		
	<b>Harbour site</b>				
10.3	Applying paint coating on all steel members including tar paint for surfaces below ground level	LS	1		
10.4	Setting up water tapping station as per drawing and detail given	LS	1		
			<b>TOTAL</b>		

