

BOQ FOR CONSTRUCTION OF RAIN WATER HARVESTING AT LHO GUWAHATI

Sl.No	Description of items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift and disposal, as directed by Engineer-in-charge.	cum	20		
2	Providing and laying in position of cement concrete of specified grade excluding the cost of centering and shuttering - All work above plinth level : 1:2:4 (1 Cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20 mm nominal size). Make:Ultra Tech, ACC, Ambuja, Dalmia Bharat or equivalent. The rate is inclusive of applying neat cement slurry for proper binding.	cum	2.5		
3	Providing and laying in position of reinforced cement concrete of specified grade excluding the cost of centering and shuttering - All work above plinth level : 1:2:4 (1 Cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20 mm nominal size). Make:Ultra Tech, ACC, Ambuja, Dalmia Bharat or equivalent. The rate is inclusive of applying neat cement slurry for proper binding.	cum	2.5		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bar.	kg	100		
5	Centering and shuttering including strutting, propping etc. and removal of form for : foundation, slab.	sqm	10		
6	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in cement mortar 1:3 (1 cement: 3 coarse sand) in foundation and plinth level	cum	10		
7	12mm - 15mm cement plaster of mix: 1:4(1 cement:4 sand) with neat cement slurry finish.	sqm	60		
8	Providing and fixing Unplasticized Polyvinyl Chloride(UPVC) pipes of 25mm dia having thermal stability for hot and cold water supply including all UPVC plain fittings. This includes jointing of pipes & fittings with one step UPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations with necessary scaffolding, staging etc. complete. Make: Astral, Supreme, Ashirvad, Prince or equivalent approved by the Bank.	m	150		
9	Supplying,fitting and fixing PVC pipes of 6kg/cm2 (Supreme/Prince) or other ISI approved including joining,fitting and fixing with clamps etc as necessary complete at all levels including below G.L as directed as specified a) In exposed surfaces or trenches 110 mm dia	rm	250		
10	5HP three phase Centrifugal monoblock pump set(Crompton Greaves/Aquatic/CRI/V-guard/Calma make 2900 rpm A class insulation with DOL starter(Crompton Greaves/Aquatic/CRI/V-guard/Calma make) .The rate also includes necessary supply and installation of wires from main source complete in all respect.	nos	24000		
Total Cost					

Rates are exclusive of GST