

**PRICE BID FOR WATER PROOFING TREATMENT ON TERRACE FLOOR OF HOSTEL BLOCK OF SBILD,
THIRUVANANTHAPURAM**

No	Description of work	Unit	Qty	Rate (excl. GST)	Amount (Rs.)
1	Dismantling old clay tiles and brick jelly concrete, PCC or the like on the terrace (Third floor), raking out joints and cleaning the surface for water proofing treatment including disposal of rubbish / malba / similar unserviceable , dismantled or waste materials away from site including all labour, materials, loading , transporting and unloading etc complete, without any risk and cost to the Bank. The dismantled materials are to be brought down and taken away frequently without causing any hindrance to the functioning of the Bank. The work shall be carried out without causing any damage to the solar pannels and other equipments, cables, pipelines etc on the terrace. Temporary support shall be given to these equipments and pucca foundation shall be made as per item No.3. The cost includes temporary shifting of the equipmets/ cables etc, if required.	SqM	360		
2	Waterproofing Treatment on Terrace (third floor) : Providing and applying one coat of mortar and screed modifier cum bonding aid, Fosroc Nitobond SBR over prepared concrete surface strictly maintaining the coverage specified by the manufacturer. Then applying two coats of polymer modified cementitious water proof coating Fosroc Brush bond cover prepared concrete surface strictly maintaining the coverage specified by the manufacturer , consist of a liquid polymer compound (4 Ltr) and a cementitious powder component (23 Kg), which shall be mixed as per instructions. The surface should be thouroughly cleaned & sufficiently damp prior to water proofing. Necessary ponding test shall be carried out at a depth of 50 mm for 48 hours to determine the water tightness after closing all the outlest.	SqM	420		
	Necessary remedial actions should be taken for any seepage or leakage of water, The water proofing shall be considered satisfactory, if no leaks or damp patches shown on the soffit for minimum 14 days period. The contractor should provide 10 years guarantee certificate for the waterproofing works.				
3	Terrace Screed (Third floor) - Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work above plinth level upto floor level. Cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) using an integral water proofing compound. Suffiicent slope shall be ensured. Contractor shall take all measures necessary to prevent any dmaage to the membrane or protective screed during the work.	CuM	54		
4	Providing & Laying 12 mm to 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) floated hard and trovelled smooth with a flushing coat of neat cement slurry. Terrace and side walls at third floor. The work includes rounding of corners (between wall and floor) also. Necessary grooves shall be provided on the finished surface @ 45 cmm C/C bothwise. The rate is inclusive of providing and fixing fiber mesh along the grooves.	SqM	360		

7	Removing plumbing lines and refixing it thereafter inclusive of all necessary specials like bends, tees, offsets, junctions, pan connector etc., laid under floor / under ceiling / on walls with suitable clamps including making bores in masonry and rendering the bores in cement mortar after laying the pipes and specials curing etc., complete.	Rm	55		
8	Pressure grouting with cementitious grout with required pressure to fill the voids completely for repairing the cracks in the terrace slab at Third floor	No	50		
9	Providing and laying 1:1.5:3 including cost of all form work watering, curing etc complete for foundation work for solar panels and ac out door units	M3	7		
	Total Amount				
GST extra					