Bill of Quantities (BOQ)

Maintenance of Multi-Purposed Academic Building

IFB No.: TU-STC/SQ/W/01/2083-084

Engineering works and construction works
CPV: 45220000-5 - Engineering works and construction works

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.1	Dismantling existing marble flooring (any thickness) including mortar bed with care to maximize salvage. Includes sorting, cleaning adhering mortar, transporting, and neatly stacking usable marble on edge at the ground floor, plus off-site disposal of unserviceable debris, labor, and final cleanup all complete.	m3	28.85			
1.2	Providing and applying two-component, polymer-modified flexible acrylic waterproofing coating, Aquafin-K/M Plus or equivalent, in two coats over prepared RCC terrace slab and vertical surfaces, having crack-bridging 2.0 mm, elongation 192% and watertightness 2.5 bar, conforming to relevant ASTM standards. Including surface preparation, application, curing and 3-day ponding test, complete as per drawings, specifications and Engineer’s instructions.	m2	360.72			
1.3	Providing and laying Polypropylene Polymer Compound Waterproof Membrane (400 GSM) on terrace slab, including surface preparation, PU crack sealing, 50×50 mm mortar coving, approved adhesive bonding, minimum 75/100 mm side/end overlaps sealed with compatible adhesive/sealant, 300 mm parapet upturn and chase sealing, complete with 48-hour water ponding test, all materials, labour, and accessories as per manufacturer’s specifications.	m2	100.95			
1.4	Providing and applying epoxy grounting works for crack portion of RCC Structure in any height including scaffolding as per specification and instruction of engineer all complete.	points	20.00			
1.5	Providing and laying in required line, level and pattern 40-50mm thick screeding comprising an under layer of cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone chips 10mm down) finished with neat cement punning including necessary cleaning of the surface and maintaining proper slope for draining water all complete on floors as per drawings, specifications and instructions	m2	377.89			

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1.6	Providing, laying, compacting and curing average 3 mm thick punning with 1:1 cement sand paste and rubbing in perfect lines & level as per design, specification and instruction of the site engineer	m2	19.47			
1.7	Providing and laying 12.5mm thick plaster in (1:4) cement sand mortar on wall surface including supply of materials, labour, mixing, leveling, curing and scaffolding etc. all complete as per drawing specification and direction of Engineer.	m2	43.54			
1.8	Supply and applying two coats of ready made approved quanlity damp proof paint over outer old painting surfaces at any level, with smooth finishing including applying crack seal necessary part, supply of materials, labour, cleaning the painting surface, etc. including scaffolding all complete as per direction of engineer.	m2	274.70			
1.9	Supplying and applying two coats washable distemper paint over old painting internal wall surfaces and ceilings at any level, with smooth finishing including supply of materials, labour, etc. all complete as per drawing, specification and direction of the Engineer, all complete.	m2	181.00			
1.10	Providing all necessary tools, sealants, joint fillers, solvent cement, and miscellaneous materials for the inspection, cleaning, minor repair, and sealing of existing drainage pipes, fittings, and expansion joints where required, as directed by the Site Engineer	LS	1.00			
1.11	Skilled Manpower	day	4.00			
1.12	Unskilled Manpower	day	8.00			

Total Item Price	
VAT (13.00%)	
Grand Total	