

## BILL OF QUANTITY

**Name of Work: Repair and renovation of State Bank of India, IITG Branch at IITG Campus.**

Item no.	Description of items	Unit	Quantity	Rate in Figure (₹)	Rates in words	Amount (₹)
	<b>Damproofing in Walls</b>					
	<b>Surface preparation</b>					
1	Step-1 Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within the campus as directed by Engineer in charge.	Sqm	95.00			
	Step-2 Providing and applying Koster Polysil TG 500 or equivalent primer on the prepared surface as per manufacturers specifications, including cost of materials, labour, consumables, tools and tackles, etc., complete.	Sqm	95.00			
	Step-3 Providing and applying Talrak Flexeal Elastic or equivalent waterproofing coating on the primed surface in two coats, as per manufacturers specifications, including cost of materials, labour, consumables, tools and tackles, etc., complete.	Sqm	95.00			
	Step-4 15 mm thick plastering with cement mortar 1:4 (1 cement: 4 fine aggregate) over the water proofing treatment area admixed with Acrylic Polymer@ 10% by weight of cement.	sqm	95.00			
	<b>Major Cracks Repairing in Brick Wall:</b>					
2	Cutting the existing crack in a 'V' shape groove of 20-25 mm in depth and cleaning the same with proper means Application of one coats of Epoxy Bonding Agent followed by application of Sika 214 non- shrinkage powder over the entire crack area and let dry. Finally plaster the surface wherever necessary.	Rm	20.00			
3	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					

	(a) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)	Kg	25.00			
4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.					
	(a) With stainless steel cover plate minimum 1.25 mm thickness	Each	2.00			
5	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	95.00			
6	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :					
	(a) Water thinnable cement primer	Sqm	190.00			
7	Distemping with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.					
	(a) Two or more coats on new work	Sqm	190.00			

8	<p>Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance ? 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 &amp;7)in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised@80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI perimeter wall</p>					
	(a) With 16 mm thick beveled tegular mineral fibre false ceiling tile (NRC 0.55 to 0.6	Sqm	35.00			
	<b>Total amount ₹ =</b>					
	Rebate if Any =					
	<b>Total amount after rebate ₹ =</b>					
	<b>Rounded off ₹ =</b>					

(Rupees .....Only)