

**BILL OF QUANTITIES FOR CIVIL WORKS AT STATE BANK OF INDIA, REGIONAL BUSINESS OFFICE AT HAMIRPUR., (H.P)**

Sr.no	Description Item of Work	Qty	Unit	Rate	Total Amount
<b>1</b>	<b>Gypsum Board False Ceiling</b>				
	Providing and fixing suspended false ceiling including steps as per design with 12.5mm tapered edge <b>Gypsum Board</b> to the grid comprising of cold rolled galvanized metal section to the required line and level.The grid consists of a perimeter channel (MF6a of dimensions 20mm x 27mm x 37mm x 3.5M) fixed round the perimeter to receive and of the ceiling section (MFS) and the outer edges to gypboard. The intermediate channel (MF7) of dimensions 15mm x 45mm x 0.9mm x 3.6M) at 1200mm c/c in the one direction and the ceiling section (MFS of dimensions 80mm x 26mm x 0.5mm x 3.6M) at 450mm c/c in the other direction are connected by a connecting clip (MF9). The grid is suspended with an adjustable strap hanger (MF9). The grid is suspended with an adjustable strap hanger (MF8) of dimensions 25mm x 0.5mm) at 1200mm c/c on both ways from the structural soffit using a soffit cleat and expandable bolts/fasteners Nut and bolts are used to connect strap hangers to soffit cleats and for joining ends of channel sections together.				
	The gypsum board layers are screwed to the M/F ceiling sections with gypboard drywall screws. Jointing and screw spotting are then carried out as per manufacturer's standard recommendations. Perimeter Channels (MF7) to be used around the cut outs for light fittings. AIC ducting etc.				
	The work includes painting with 2 coats of plastic emulsion to give an even & finished surface. The payment area will be the visible area only The work should be complete as per instructions of Architect or Engineer in charge. <b>NOTE: NO EXTRA CHARGES WILL BE PAID FOR COVE OR DESIGN.</b>	240.00	Sq.mt		
<b>2</b>	<b>False Ceiling - (Mineral Fibre)</b>	103.00	Sq.mt		
	Providing and fixing false ceiling at all heights, made of 600 mm X 600 mm X 16 mm Prima Dune / Sand Supreme, RH 99 & micro log edge with black lining, mineral fibre ceiling tiles of type – Fine Fissured micro lock with silhouetted grid (black reveal), Tegular edge, laid on Armstrong exposed grid systems. The framework comprises of main rubber spaced at 1200 mm c/c, securely fixed to the structural soffit by approved hangers of spacing not more than 1200 mm c/c. Hangers (G.I. wire of 4 mm dia.) to be fixed by approved rawl plugs, level adjusters & screws etc. The last hanger at end of each main runner should not be more than 450 mm from the adjacent wall. Flush fitting 1200 mm long Cross T's (with double stitching) to be interlocked between main runners at 600 mm c/c to form 1200 mm X 600 mm modules.				
	Cut cross T's longer than 600 mm to be supported independ-ently. 600 mm X 600 mm modules to be formed by fitting 600 mm long flush fitting cross T's centrally between the 1200 mm Cross T's. The rates shall be inclusive of making opening with frame etc. for electrical / air conditioner & finishing of ceiling in all respect, the work includes provision of trap door if required.				
<b>3</b>	<b>Teak Ply Ceiling</b>				
	Providing and fixing 4mm thk. teak veneer in ceiling over 8mm thk. commercial ply screwed to GI ceiling sections also incorporating 2" x 2" soft wood sections where ever specified as drawing. The work includes esprit polished of approved shade. The payment area will be the visible area only The work should be complete as per instructions of Architect or Engineer in charge.	64.00	Sq.mt		
<b>3</b>	<b>Metal Open Cell Ceiling</b>				
	Providing and fixing the Metal Works Open Cell Lay-in System is an open cell metal ceiling comprised of 2' x 2' panels that install in standard 9/16" T-Bar grid systems. G.I./ Alimunium open cell tiles are designed to lay onto 15mm Tee Grid in size of 595 x 595mm. 15mm Main Tee shall be in 32mm height exposed portion (polyester coated) shall be 15mm. Cross tee shall be 32/26mm height and exposed portion is 15mm. All systems componeents are made of roll formed hot dipped galvanized steel of 0.30mm thk. with zinc coating of not less than 100/120gsm/m2 and a minimun tensile strength of 240 mpa.wall angle is 15mm height x 15mm exposed portion made of 0.35mm thk.				

	pre coated coil. Both ends of the main Tee have integral splices which can be enjoyed firmly by inserting a tab on the one end of one section into slot in the adjoining section. The exposed flange of grid to be pre painted polyester coated galvanized steel not less than 0.30 in white color with coating thk. of 20 microns top coat and 8 microns primer alkyd backer on backside.				
	Standard Module Cell size 17mm x 75mm., 100mm x 100mm., 150mm x 150mm and web ht. 50mm width 15mm thk. 0.35mm G.I & .45mm Aluminum and Finish : powder coated.				
	Main runner - 3600mm x 15mm x 32mm x 0.32 ., Cross Tee- 1200 /600mm x 15mm x 26mm x 0.30mm., Wall Angle 3000mm x 15mm x 15mm x 0.40mm	15.00	Sq.mt		
<b>4</b>	<b>Flush Doors</b>				
	Providing fully panelled 32mm thk. flush doors along with 2-1/2" x 5" door frames to be finished with 1.0mm laminate of approved shade with 1/8" x 1/8" groove as per design, complete in all respects including standard hardware of godrej/hettich/kich/edbo make i.e. hinges., towerbolts, stopper, handles etc. to the satisfaction of Engg./ Architect	11.00	Sq.mt		
	With teak veneer on both sides	5.00	Sq.mt		
	<b>MISCELLANEOUS</b>				
<b>5</b>	<b>Roller Blinds of Vista Make-ZEBRA</b>				
	Providing & Fixing SHEER SERIES BLINDS Vista Make Delux Collection (Elemental) Composition : 100% Polyester ., Finished Width : 300 CM., Weight : 200 GSM., Thickness : 0.35 Mm, Colour Fastness to light: 4-5 Grade with supporting framework etc. of Bshade & colour complete in working order as per manufacturers specifications & drawings & directions of the Architect.	32.00	Sq.mt		
<b>6</b>	<b>Plastic Emulsion Paint</b>				
	Painting & finishing the walls, including surface preparation primer and putty ,finished with three or more				
	coats of plastic emulsion paint, so as to achieve smooth and even finish complete in desired shades and colours (as approved by Architect/Engineer-In-Charge).	200	Sq.mt		
	Make:- Asian paints/ICI Dulux/Nerolac.				
<b>7</b>	<b>Painting Work – Texture Paint</b>				
	Providing & applying a coat of RUSTIC textured finish in white color (ASIAN) on walls and columns. The rate shall include scrapping, leveling & preparing the surface with JK/ ASIAN/ BIRLA WHITE putty. Applying 1 coat of texture over a coat of primer & applying 2 or more coats of plastic emulsion paint of approved shade to give even & uniform surface, including cleaning of floor, surface etc. complete..	120.00	Sq.mt		
<b>8</b>	<b>Door to System room - Fire rated steel door including frame - 2 (Two) Hrs Metal test certificate will be provided issued from GQMC.</b>	1.95	Sq.mt		
a)	Frame - Providing and fixing fire resistant door frame of section 100 x 50 mm having built in rebate out made up of 1.2 mm GPSP Sheet duly powder coated / 16 SWG G.I. sheet (zinc coating not less than 120 gm / sqm ) duly filled with vermiculite based concrete mix, suitable for mounting 120 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10 x 4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including apply a coat of approved brand fire resistant primer etc. complete as per direction of Engineer – in charge (including Dash fasteners).				
b)	Shutter - Providing and fixing Metal Door Shutter 46 mm thk. made up of 0.8mm thick GPSP Sheet. Glazed fire resistant door shutters of 120 minutes fire rating conforming to IS : 3614 (Part – II), tested and certified as per laboratory approved by Engineer – in – charge,				
	with suitable mounting on door frame, the entire shutter filled insulation material / Honeycomb craft paper of 160gsm (zinc coating not less than 120 gm/m2) and fixing with necessary stainless steel ball bearing hinges of approved make, provision of Fire Rated Wired Glass size of glass 300 X 200 including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer – in charge (paneling to be paid for separately).				
c	Hardware for fixing - Fire rated steel door including frame Providing and fixing following hardware for fixing fire rated steel door including frame, complete. Hinges 4X3X3 ( Min. 3Nos), Pull Handle 19 X 250mm - Pair, Dead Lock, Fire Rated Wired Glass size - 300 X 200, Fasteners Hilti 10 X 92mm - (Min - 10Nos.)				

9	<b>Panelling With Aluminium Composite Panels (With Aluminium Frames)</b> Supplying & fixing 4mm thick Aluminum component sheet of approved make and shade including making of ground of (1"X2") aluminum hollow section as per design ,with 6mm-19mm wide vertical or horizontal groove finished with Dow Cowing sealant (789) as per Architect's drawings & instructions aluminum componenet sheet should be of virgin grade and having aluminum profile thickness of 0.5mm on both sides of core. The rate is inclusive of all fixtures and fittings (with sealent) for proper finish. The works includes front face shutter boxing complete. the rate includes all required shuttering, scaffolding, labour, material, complete.	28.00	Sq.mt		
10	Supply & Installation of Fully Automatic Sliding door operator, compliant with future European standards and produced according to the guidelines for power-operated windows, doors and gates BGR 232, the UVV and the VDE regulations. TÜV design tested, tested according to the low voltage guidelines, production according to ISO 9001:2000 certification. Fulfils the DIN V18650 (prEN 12650).Automatic Sliding Door Operator should have mounting backplate for easy installation and a flexible track profile for improved noise & vibration dampening and easy maintenance. Microprocessor-controlled control unit. Self-learning, with adjustable parameters for opening and closing speed, hold-open time and opening force.				
	With pulse expansion for Cheque card or code card reader or key switch. Class of protection IP 20.DORMA ES200 Easy Operator are of very sturdy design with self balancing Panel suspension system and with Anti-Jump fitting ,Automatic sliding door operator, modular design, including internal cover. ( A )Single -panel sliding door having clear passage of 900 mm .Microprocessor control, self-learning, reversing when obstruction is encountered. Function programs:☒				
	Program Modes: - Off, - Automatic, - Permanent open, - Exit only, - Partial open . Connection: (v)230 V, 50/60 Hz, UPS Supply. Activators: (v)Radar system 02 Nos, with 24 GHz, Mandatory as Int' Nat Standards (v)Light barriers, comprising receiver and transmitter -01 Pair (v)Electro-mechanical locking / Bistable	1	No.		
11	<b>P/F and fixing of Golden Steel letters as per approval.</b> The work includes fixing od the same at site with stencil marking as required., complete in all respects to the satisfaction of Engg. In charge/Architect. The size shall be measured in running inches per letter and of the longer side.The work includes removal of existing letters and re-alignment if same as per approval.	200	R.inch		
12	<b>Providing &amp; Fixing Laminted Wooden Flooring 12mm thk.</b> of approved shade (Make: Pergo/Vista/GreenPanel)to be fixed on exiting surface, also laying underlay sheet. The core layer of the plank shall be made of High Density Fibre board and shall be wear resistance AC4 garde as per manufacturers specifications & drawings & directions of the Architect.	76.00	Sq.mt		
13	<b>Door Closer</b> - Providing and fixing silver colour (or matching with colour scheme as per site) hydraulic door closer Godrej / Hyper / Everrite make, to Doors complete in all respects.	12.00	Nos		
14	<b>Mortice Lock</b> -Providing and fixing silver colour (or matching with colour scheme as per site) Godrej make to Doors complete in all respects.	7.00	Nos		
	<b>TOTAL</b>				