

**BILL OF QUANTITIES FOR INTERIOR FURNISHING WORKS AT STATE BANK OF INDIA, R.A.C.C OFFICE AT HAMIRPUR., (H.P)**

Sr.no	Description Item of Work	Qty	Unit	Rate	Total Amount
<b>1</b>	<b>Wooden Partitions with Laminate</b>				
	<b>Low/Full Height partly Glazed (with etching/filming) &amp; partly both side laminated Partitions:</b> Providing & fixing partition made of 44 mm X 44 mm X 16 Gauge aluminium extruded sections frame @ 2'-0" to 2'-0" c/c vertically & horizontally. The frame shall be fixed rigidly at floor level as well as ceiling with rawl plugs. The frame work to be clad with 8mm thick commercial ply and 1.0mm thick laminate of APPROVED make in specified pattern as per interiors details on both sides .				
	Also 2 1/2"X5/8" teak wood section shall be provided with 12mm thk. glass with etching/ filming work as per interior details where ever specified. The rate shall also include for providing grooves in laminate & wood. <b>Note: (i) All ply to be sprayed with anty termite and anti borer spray. (ii) Rates to include all necessary supports and as per details (iii) Measurements to be recorded up to finished false ceiling level.</b>				
	Full ht.	36.00	Sq.mt		
	Low ht.	6.00	Sq.mt		
<b>2</b>	<b>Wooden Partitions with Teak Ply</b>				
	<b>Low/Full Height partly Glazed (with etching) &amp; partly both side laminated Partitions:</b> Providing & fixing partition made of 44 mm X 44 mm X 16 Gauge aluminium extruded sections frame @ 2'-0" to 2'-0" c/c vertically & horizontally. The frame shall be fixed rigidly at floor level as well as ceiling with rawl plugs. The frame work to be clad with 8mm thick commercial ply and 4.0mm thick TEAK PLY as/approval make in specified pattern as per interiors details on both sides .				
	Also 2 1/2"X5/8" teak wood section shall be provided with 12mm thk. glass with etching work as per interior details where ever specified. The work includes spirit polishing of apprv. shade on teak wood moulding and Teak Ply complete in all respect to the entire satisfaction of the Architect/Engineer in charge. <b>Note: (i) All ply to be sprayed with anty termite and anti borer spray. (ii) Rates to include all necessary supports and as per details (iii) Measurements to be recorded up to finished false ceiling level.</b>	12.00	Sq.mt		
<b>3</b>	<b>Fixed Toughned Glass Partitions</b>				
	Providing & Fixing 12mm thk. Toughned Glass Panels with SS glass connectors as per manufacturers guidelines of (Godrej/Dorma/Ozone/Stanley) make,rested on 12 mm x 25 mm 'U' channel grouted with in floor surface,fixed in position, as per interior details & recessed in ceiling fixed as per the instruction of the Achitect/Engineer in charge.	5.00	Sq.mt		
<b>4</b>	<b>Wall Connecting Profile</b>				
	Providing and fixing wall connecting profile in floor to hold 12mm thk. Toughened glass.,make: DORMA/OZONE	3.00	Rmt		
<b>5</b>	<b>Toughned Glass Doors</b>				
	Providing & Fixing Openable 12mm thk. Toughned Glass Door,holded with Patch fitting ( i.e. bottom & top patch,L-Patch, floor machine & Door lock) of (Godrej/Dorma/Ozone/Stanley) make,fixed in position as per manufacturers guidelines. The Job also includes providing & fixing of 24" long SS handle & provisions of holes/cuts in glass panel to facilitate fixing of Patch fitting & Handle. The job shall be complete in all respects,including necessary hardware, complete in all respects as per the instruction of the Architect / Engineer in charge.	4.50	Sq.mt		
<b>6</b>	<b>Wall Paneling</b>				
	Providing and fixing paneling over the existing wall made out of framework of 50 mm X 25 mm - 18 gauge section un annodised Aluminium ( as per requirement) frame work @ 16" to 24" c/c vertically & horizontally.The frame work to be clad with 12.0 mm thick commercial ply/12mm thk. water proof MDF as per detail and following finishigs as per drawing and instructions. All exposed surfaces to be clad with teakwood moulding of size 30 mm X 12.0 mm made to shape.				

	The work should be complete in all respects including provisions of grooves duly designed & finished. All wood to be treated with wood preservatives of approved ISI quality. All exposed teak wood shall be spirit polished with matching pigment. Payments shall be made only for exposed surfaces & actual measurement at site, no payment shall be made for paneling behind furniture such as tables, Credenza , storage etc.				
i.	Panelling with Teak Ply with Spirit Polish	26.00	Sq.mt		
ii.	Panelling with laminate	32.00	Sq.mt		
iii.	Panelling with 12mmMDF with Spray Paint/Texture	12.00	Sq.mt		
vi.	<b>Korian Laminate (Charcolite) panelling.</b> Providing and fixing as/drawing 3-4mm thk.Korian Laminate (Charcolite) panelling of Furns & Lams/Sibu make pasted with adhesives of Pidilite (probone) as per manufacturers specification and drawing.	20.00	Sq.ft		
6a	<b>Paneling with Lacquered Glass panels on SS studs :</b> Providing and fixing 6mm thick Lacquered glass fixed with SS studs and Dow Corning make Neutral Silicone sealant 896 over the frame of 12mm thk. Comm.ply fixed against the wall as panelling as per the drawing to complete satisfaction of the Architect/Bank Engg. in charge. <b>(Make: Saint gobain/AIS)</b>	6.00	Sq.mt		
6b	<b>Stonelam (Laminam) panelling.</b> Providing and fixing as/drawing 5mm thk.Laminam panelling of lyca make asted with adhesives of Mapei/karakol as per manufacturers specification and drawing.	12.00	Sq.mt		
7	<b>Officer's &amp; Staff Tables</b> Table made of 19 mm thk. Commercial ply with front and side visible vertical surfaces to be finished with laminate 1mm thick (of approved shade); with 35mm thk. Post forming top,as per drawing and thickness made by joining two boards.. The front of the table top shall be projected as per drawing.The modesty guard shall be finished with 12.0 mm thk. toughed glass with 4" wide S.S. Spacer. Provision for 3" dia. round / 3" square cable manager for computer / electrical cables at appropriate place will be made in the top surface of the table. The PVC Edge binding tape will be provided on all the edges of the table, including bottom touching the floor and the drawers. The table shall have a keyboard tray of size 600 X 270 of EBCO make fixed on channels, as per manufacturers instructions / specifications.				
	A full depth CPU shelf 15" wide shall be provided at left hand side of counter underneath the working top, at 4" above the floor level and 3" away (horizontally), from vertical end which will be made of 19mm thick commercial ply finished with laminate 1mm thk. and PVC Edge binding tape on two visible sides. three lockable drawer running on side mounting drawer slides (channels) of EBCO make made of 19 mm thick commercial ply with 1mm thick laminate on front face, handle / knob and magnetic catcher shall be provided on one side of the table as per layout. The sides of the drawer shall be made of 12 mm thick plywood / 19 mm ply, bottom of 6 mm thick plywood & front of 19 mm thick bply. A full length foot rest made of hard wood 3" x 1½" section shall be provided at 4" above floor level. Non-Visible/inside surfaces i.e. inside / leg-space of table, inside of drawer / cupboard shall be finished in 0.8mm thk. laminate of white/off white shade.				
a	Size 5'0" X 2'6" X 2'6"	9.00	Nos		
b	Size 6'0" X 3'0" X 2'6"	1.00	Nos		
8	<b>8.0 MM thk glass on top of officers tables.</b> All the edges of the glass shall be grinded polished including Hole for cable manager.	12.50	Sq.mt		
9	<b>Side Credenza</b> Providing & fixing Side credenza ( 15" to 18" deep ) made of 19 mm thick commercial ply and 6 mm thick plywood on back side & 1mm thick laminate of approved shade on top horizontal surface & vertical visible side only, with teak wood lipping on all edges including bottom touching floor. The credenza will have three drawers, horizontally running on side mounting drawer slides (channels) of EBCO make.				
	The remaining part of the credenza will have cupboard with shutters and one shelf. The shutters with handle / knob and magnetic catcher shall be provided beneath the drawers all non visible/inside surfaces shall be finished with white/off white laminate 1mm thk. and teak wood edges / lipping / beading shall be Spirit polished with matching pigment.				
a	Officer's & Staff side credenzaas per Drawing & specification mention in item above. Size - 3'-0" / 4'-0" X 1'-6" X 2'-6" (W X D X H)	10.75	Rmt		

<b>10</b>	<b>Back credenza / Storage</b> Providing & fixing back credenza 18" deep ( top surface 18" to 24" as per site) & 30"/36" HT. made of 19 mm thick commercial ply board and 6 mm thick plywood on back side & 1mm thk laminate of approved shade on top horizontal surface & vertical visible side only, with teak wood lipping on all edges including bottom touching floor. The credenza will have drawer 4"high, horizontally running on side mounting drawer slides (channels) of EBCO make. The remaining part of the credenza will have cupboard with shutters and one shelf. The shutters with handle / knob and magnetic catcher shall be provided beneath the drawers and non-visible/inside surfaces should be finished in 1mm thk. laminate of white/off white shade and teak wood edges / lipping / beading shall be Spirit polished with matching pigment	22.00	Sq.mt		
<b>11</b>	<b>5'-0" + 5'-0" (Cubicals) Workstations</b> Providing & fixing 5'-0" x 2'-6" high workstation cubicals made of 19mm thk. Comm.Ply having 2'-0" wide Post forming laminated worktop and vertical supports (2 no's). The Unit shall also consist of one storage unit,CPU unit and keyboard tray with mouse platform of size 600x270 made of 19mm thk. comm. ply make fixed on channels of EBCO make. as per interior details.The stororage unit shall be comporising of 2 nos 5" wide drawers & 1 no. pull out drawers on telescopic channels of EBCO make as approval. The CPU unit shall be comprising of 1 no. 5" wide drawer & 4" high platform. All visible surface should be clad with 1mm thk laminate of approved shade and edges to be sealed with contrast shade edge biding PVC beading.The The job shall be completed in all respects with required hardware of approved make to the saifsaction of Engineer in charge/Architect.	5.00	NO		
	<b>MISCELLANEOUS</b>				
<b>12</b>	<b>Softboard</b> Providing and fixing in position soft baord ( 12mm) including fabric cover wooden beading of size 25mmx 19mm on all sides finished with polish of approved shade(Basic rate Rs. 175/- per mtr. )	8.00	Sq.mt		
<b>13</b>	<b>MDF JALI</b> Making and fixing in position (as per approved sample) Laser Cut Jaali partition to be made out of MDF board of 8mm. thickness and make. All exposed surfaces to be finish with clear gloss Verinlengo paint as per approved shade . All complete as/ design to the entire satisfaction ofArchitect/ Engineer in charge (Elevation area to measure).	8.00	Sq.mt		
<b>14</b>	<b>WOODEN BOXING &amp; SHUTTERS FOR ELECTRICAL PANEL with LOUVERS (18mm FIBRE CEMENT BOARD)</b> Providing & fixing at site cabinet 8'-6" height having overall depth of 1'-6".the carcass shall be made of 18mm thk Fibre Cement Board. The shutters shall be made of 18mm thk Fibre Cement Board. with 1.0mm thk laminate on outer surfaces using suitable adhesive. The shutters shall be mounted on heavy duty overlap type SS hinges & provided with magnetic catchers, lock & towerbolts as required with 5mm thk teak wood lipping on all the exposed edges, duly spirit polished. All internal surfaces, & back of shutters shall be painted white, complete in all respects. MAKE : ZYKRON (Century Ply) / SHERA Board / Equivalent	4.50	Sq.mt		
<b>15</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>	110.00	Sq.mt		
<b>16</b>	<b>False Ceiling - (Mineral Fibre)</b> 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.	48.00	Sq.mt		
	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>17</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.	32.00	Sq.mt		
<b>18</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 asper 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	11.50	Sq.mt		
	<b>MISCELLANEOUS</b>				
<b>19</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.	28.00	Sq.mt		
<b>20</b>	<b>Plastic Emulsion Paint</b>				
	Painting & finishing the walls, including surface preparation primer and putty ,finished with three or more				
	coats of plstic emulsion paint, so as to achieve smooth and even finish complete in desired shades and colours (as approved by Architect/Engineer-In-Charge).	160	Sq.mt		
	Make:- Asian paints/ICI Dulux/Nerolac.				
<b>21</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 WHITEputty. 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 &nuniform surface, including cleaning of floor, surface etc. complete..	80.00	Sq.mt		
<b>22</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> (Kutty flush doors & furniture co. Pvt ltd.paonta sahib, distt. Sirmour, H.P. & GMT, Baddi)	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 fastners).				
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, Fastners Hilti 10 X 92mm - (Min - 10Nos.)				
<b>23</b>	<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 sealant) for proper finish. The works includes front face shutter boxing complete. the rate includes all required shuttering, scafoulding, labour, material, complete.	22.00	Sq.mt		
<b>24</b>	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 and closing 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.		
<b>25</b>	<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.	240	R.inch		

26	<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.	5.00	Nos		
27	<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.	2.00	Nos		
	<b>TOTAL</b>				

|