

BOQ AND SPECIFICATIONS FOR INTERIOR AND FURNISHING WORKS OF FIMM RACC DAMOH					
S.No.	Description of Item	Qty	Unit	Rate	Amount
	Mode of Measurements : Area of exposed and finished surfaces will be measured.				
1	False Ceilings :				
	Note :				
	i) Rate to be included for all kinds of profiles and cut outs required for light fixtures, Speakers, Smoke detector, trap doors and AC grill in the ceiling. Provision for light fittings, AC grills and diffusers have to be made at no extra cost supported with tees, Angles, etc. suitably fixed all complete as per drawing and direction. The area of these cutouts which is less than 0.5 sqmt for one unit will not be deducted while measuring the ceiling area.				
	ii) The contractor must co-ordinate with electrical & AC contractor for working out various levels for the false ceiling & make the marking on the walls / columns before starting the false ceiling work.				
1.1	Gypsum Board False Ceiling :	25	Sqm		
	Providing, making and fixing Gypsum Board False Ceiling straight or curve any profile of reputed make which includes G.I. Perimeter Channels of size 0.55mm thick (having One Flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall / partition with the help of Nylon sleeves and screws at 610mm centres. Then suspending G.I. intermediate channels of size 45mm (0.9mm thick with two flanges of 15mm each) from the soffit at 900mm centres with ceiling angle of width 25mm X 10mm X 0.55mm thick fixed to soffit with G.I. cleat and steel expansion fasteners. Ceiling section of 0.55mm thick having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457 mm centres. ... contd...				
	... contd... 12.5mm tapered edge Gypboard (conforming to IS 2095-1982) is then screw fixed to ceiling section with 25mm dry wall screws at 230mm centres. Screw fixing is done mechanically with drilling machine with suitable attachment. Finally tapered edges of the Gypsum boards are to be jointed and finished so as to have a flush look which includes filling and finishing with jointing compound, joint paper/fibre tape and two coats of dry wall top coat suitable for Gypsum board etc. complete as per the recommended practices / specifications of the manufacturer. Including two coats of primer suitable for gypsum board two or more coats of plastic emulsion paint of approved shade and also including making necessary openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitable fixed all complete as per drawing and specification and direction. Rate to be inclusive of shadow profile at the junction of wall & ceiling, in between of ceiling, etc. complete.				
1.2	Cove in ceiling :	30	Rmt		
	Same as above but providing, making and fixing Gypsum cove (inside height 150 - 200 mm and border 75 mm) to hide strip/cove light in ceiling or to act as pelmet for roller blinds on windows or for projector screen, etc.				
1.3	Mineral Fibre Grid Tile Ceiling :	55	Sqm		
	Mineral Fibre Acoustic Ceiling Tiles : Providing, making & Fixing at all heights & in spirit level, Acoustical Ceiling System @ Office areas with Armstrong, Gyproc or equivalent make mineral fibre acoustical suspended ceiling system as per Manufacturer's specification with pin-hole tiles, tegular edge with 24 mm exposed grid. The tiles should have Colour White, in module size of 600mm x 600mm x 15mm. with providing and fixing Hot dipped galvanised Steel suspension system Grid frame with butterfly clips, for laying of Acoustical Ceiling Tiles as per manufacturer's specifications. ... contd...				

	...contd... The grid should be laid on Armstrong/Gyproc or equivalent stitched True lock 24 TL exposed grid systems with 24 mm wide T-section flanges color white, the tile will be laid on frame work made of Armstrong Prelude 32 with 24 mm wide T - section flanges or of equivalent make, colour white having rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 32 mm and 27mm, 25 mm respectively. The cost shall include all fittings and materials complete including proper installation and provisioning etc. The work is to be completed as per manufacturer's specification .				
2	Partitions :				
	i) Rate to be included of all kinds of planes/levels, profiles and cut outs, etc. required for light fixtures, trap doors and ACs, boards, provision for light fittings and diffusers have to be made at no extra cost supported with metallic section etc. suitably fixed all complete as per drawing and direction.				
	ii) The contractor must co-ordinate with electrical & AC Works for cabling, AC pipe works, etc.				
2.1	Full Height Partly Glazed Partly Wooden Double Skin Plywood Partitions :	23	Sqm		
a	Providing and fixing full height partly wooden, partly glazed double skin partition with following specifications (Measurement shall be taken up to finished partition level & not of frame work and sal wood member shall go up to slab/beam soffit).				
b	Providing and fixing full height partly glazed double skin partitions made out of Frame work to be 50mm X 50mm X 1.60 mm thick aluminum section weight not less than 0.836 kg/rmt with maximum distance of 450mm c/c both ways(Horizontal/Vertical) or as directed, firmly fixed to floor or slab with 65 to 75 mm long screw or as directed by the Bank's Engineer as per site conditions with necessary grooves and cuts etc. including anti-termite treatment to all wooden members wherever used. The partition to be sandwiched with 8 mm HDF Board / MR plywood from both the sides and finished with 1.0mm thick approved shades of laminated finish & match the panelling pattern. Additional wooden members to be provided wherever door is to be provided. Wood shall be treated with antitermite chemicals.The cost shall include all labor, materials, strictly as per the given design & drawing etc. in complete.				
c	The partition will be provided with 5 mm thick float glass fixed at 900 -1200 mm above the floor level with teak wood beading fixed on both sides of the glass finished with polishing as directed. The float glass to be etched as per approved design (film etching to be paid separately). The beading for fixing glass to be fixed on both sides of the partition in such a way that it would be projected from the partition. (8 mm & 12 mm glass opening wherever applied shall neither be included in measurement nor costing and shall be considered as separate item).				
d	The top panel (above glass panel) and side panels shall be provided with HDF Board / MR plywood double skin partition as per specification of a) & b) upto ceiling/top support. Making provision for items like softboards, white boards, electrical points, switchboards, telephone/ electrical/ data cables, etc. as & where required (but excluding the cost for items).				
e	All finishes shall be done as per details and as per instructions of Bank's engineer. The rate to include all materials, labour, transport, etc. complete.				
f	Providing 75mm - 150 mm high skirting. MR ply fixed on both sides of the partition finished with 1mm thick lamination of approved make and shade. All wooden structures are to be painted with anti-termite/boarer paint as per manufacturer's specification.				
2.2	Low Height partitions With / Without Glass :	18	Sqm		
a	P/F 66 mm thick low ht. double skin glazed wooden partition approx. 1200 mm to 1450mm. High including glass, with following specifications:				

b	Providing and fixing full height partly glazed double skin partitions made out of Frame work to be 50mm X 50mm X 1.60 mm thick aluminum section weight not less than 0.836 kg/rmt with maximum distance of 450mm c/c both ways(Horizontal/Vertical) or as directed, firmly fixed to floor or slab with 65 to 75 mm long screw or as directed by the Bank's Engineer as per site conditions with necessary grooves and cuts etc. including anti-termite treatment to all wooden members wherever used. The partition to be sandwiched with 8.0mm HDF Board / MR plywood from both the sides and finished with 1.0mm thick approved shades of laminated finish & match the panelling pattern. The borders/edges to be lained finish. The cost shall include all labor, materials, strictly as per the given design & drawing etc. in complete. One additional section 50 x 50 mm shall be placed at 700 mm level from floor to fix the table. Additional wooden members to be provided wherever door is to be provided. Wood shall be treated with antitermite chemicals.				
c	P & F 12 mm thick (approx) etched glass (film etching to be paid separately) as per design and shape fixed with stainless steel glass fixing brackets/crews etc. of length varying from 750 to 1550 mm and height appx. 300 - 400 mm. etc. complete as directed.				
d	P & F wicket gate wherever required with required SS hinges, SS tower bolts, automatic surface mounted spring door closer, Godrej Night latch, etc. Rubber wood capping made out of sect. 65 x 15 mm fixed at edges incl. natural polish / painting etc. complete as directed.				
e	<u>Making provision for items like softboards, white boards, electrical points, switchboards,</u> All finishes shall be done as per details and as per instructions of Bank's engineer. The rate to include all materials, labour, transport etc complete.				
	Further the partitions should have provision for fixing/embedding of vertical toughened glass partition and also toughened glass in vertical/horizontal position on SWO counter top, which will be measured separately.				
2.3	Full Height Laminated Double Skin Plywood Partitions Wth Both Sides Laminations :	13	Sqm		
a	P/F Full ht. double skin wooden partition, with following specifications. (... Same as item no. 2.1 but...)				
b	The aluminium section frame structure with vertical & horizontal members to go upto slab/beam soffit for fixity at no extra cost.				
3	Panelling Works (Walls , Columns, etc):				
	i) Rate to be included of all kinds of levels/planes, profiles and cut outs required for elevation and fixing of light fixtures, trap doors and ACs, provision for light fittings, boards and diffusers have to be made at no extra cost supported metallic sections, etc. suitably fixed all complete as per drawing and direction.				
	ii) The contractor must co-ordinate with electrical & AC contractor for cabling, AC pipe works, etc.				
3.1	Wall/Column Panelling - Type I :	40	Sqm		
	Providing, making and fixing single skin paneling (type I using 6 mm thick MR plywood) on walls, front facia, boxing for rolling shutter, and/or columns and/or glazing soffits at various parts of the premises, upto 3 mt height and boxing of 0.10 mt. ht., as required, made out of 25 x 25 x 1.0 mm thk weighing 0.467 kg/rmt aluminum frame, vertical and horizontal sections placed at 450 mm c/c both ways or less as per site condition and finished with 6 mm thick MR plywood shall be fixed over the frame (either in one plane or at different levels) finished with 1mm thick decorative laminate of approved made and shade (in one or multi colour) shall be fixed with proper adhesive as directed. Top of the paneling edges / is to be provided with laminate or teak wood decorative beeding of 35mm x 20 mm finished with polish/painting as directed.				
4	Cabinet for Electric Panel :	3	Sqm		

	Providing, making and placing in position cabinet with openable shutter around the electric panel. Cabinet and shutter made of 18mm thk MR grade plywood. All visible surfaces shall be laminated with 1 mm thick Laminate on external surfaces of approved make and shades & painting the internal surfaces with 2 or more coats of synthetic enamel paint, including providing teakwood lipping of size 20 x 6 mm on edges. Horizontal slots (approx. 10 mm wide) to be cut in the shutter at top & bottom for ventilation. Rate to include for necessary hardware fixture like providing with 3 nos. of 75mm long SS hinges for each shutter, two nos of 75 mm tower bolt (one top and bottom), SS handles to shutters, magnetic catchers for each shutter and multipurpose Godrej or ebco lock. (Measurement area = Measurement to be taken for the front surface area of the cabinet).				
6	Doors :				
	Main Door – Toughned Glass :				
6.1	Providing, making and fixing 12mm thk single/double shutter toughned glass doors, at entrance, etc. (each door shutter counted individually) of size 2.10 m x 0.85 m (approx. as per site requirement) as demarcated, swing type door openable both sides made out of 12 mm thk. clear toughened float glass, edge polished, fixed in wooden top and bottom rails of approved colour and finish, fixed on Everite/ozone/ Hardwyn/ Dorma or equivalent floor springs set, upper patch, lower patch, lock key plate, provision of locking system, etc. as per approval. One set of 25 mm dia S. S. brush finish pull handles (approx. 300mm length) "C" shaped, of appoved make & design on both sides. Including providing "PUSH" * "PULL" sticker lables of approved design & make. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. Each door shall be treated individually with complete set of accessories to be provided on each door.	4	Sqm		
	Partly Glazed Door : (Partly Glazed Door on Floor Spring)	2.1	Sqm		
	Providing, making & Fixing of partly Glass door at site, door shall be of 32 mm thk flush door with 1 mm lamination on both sides and central portion to have 8 mm plain glass, to be fixed to existing partition with heavy duty 4" hinges and shall have cylindrical lock.To be provided with necessary lipping, beading, etc. ...contd...				
6.2	... contd ... The cost shall also include providing and applying paint/polish on all surfaces including lippings etc. wherever instructed of approved shade and finish including thorough cleaning, rubbing and surface preparation, application of primer, sealers, etc. as required. The door shall be fixed, provisioning of locking system, with 2 Nos. of 450 mm S.S. brush finish handles (H type), providing "PUSH" * "PULL" sticker lables of approved design & make, outside Aldrop, its fittings and fixtures, etc. complete all of approved make. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work.				
6.3	Flush Door :	2.1	Sqm		
	Providing and fixing single shutter flush doors of approx size 2.10 m x 0.75 - 0.9 m as instructed, hinged type door openable one side as instructed, made up of superior quality waterproof flush door partially glazed (cost of glass included). The door shall be flush door of approx. 32-38 mm thickness, both sides 1 mm thk laminate as per design. Cost shall be inclusive of beadings, all accessories like SS hinges, medium quality mortise handles/locks, baby latches, stopper, etc. Fittings shall be in SS finish as per approval, the cost shall include p/f of door closers of reputed brand as per approval with all doors. The cost shall also include providing and applying paint/polish on all surfaces including 6 mm lippings etc. wherever instructed of approved shade and finish including thorough cleaning, rubbing and surface preparation, application of primer, sealers, etc. as required.				
7	Furnitures :				

7.1	Note : All tables and side storage units to be made out of a combination of 18mm, 12mm, 8mm and 6mm thick MR plywood of approved make as mentioned in respective items. The top and exposed sides of the tables as well as storage units to be finished with 1 mm thick plain or textured laminate of approved make and shade. All table tops to be provided with 12x40mm teakwood/Rubber wood/ steam beach wood beading on edges duly polished/ painted, unless otherwise mentioned in the respective items. For all exposed edges of the plywood, teak, wood lipping of size 20 x 6 mm to be provided finished with polish/ paint. ..contd..				
	.. contd.. No vertical edge of the table & storage units should be left sharp. All drawers in tables shall be provided with single multidrawer lock of Ebco or Godrej made and storage units to be provided with individual "Godrej" make multipurpose lock. Hardware will be SS brush finish / approved make/ design viz. Stainless Steel hinges, Magnetic ball Catches, Stainless Steel Locks, approved design Stainless Steel Handles, Stainless Steel Brush finish wire manager, (all SS brush finish) etc.. All the edges of the MR plywood in contact with floor also to be provided with teak wood lipping of size 20 x 6 mm. Nylon Buffers of suitable size to be provided under the tables and storage units fixed with screws, wherever required.				
7.2	Tables :				
7.2.1	Providing and supplying Officer's table and other tables as detailed below :				
a	The table shall be of size of 1500 x 750 x 750 mm height, with edges been double thick having one side drawer Unit, 350 mm wide (clear internal size) one M S powder coated keyboard tray with mouse tray (<i>measured separately</i>) as manufactured by ebco (KBTM 45) or EGL (KBT-M-001) including sliding channel as per manufactures specification.				
b	Table top of size 1500 x 750 mm (exluding beading) made of 18 mm thick MR Plywood finished with 1 mm thick laminate on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade incl TW half round beading of sect 20 x 12 mm duly polished. All vertical supports fron tapron and gable ends of the table are to be made out of 18 mm thick MR plywood finished with 1 mm thick laminate (upto Rs. 900/- per Sqm.) on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade.				
c	Drawer unit of width 350mm (clear internal), consisting of set of 3 nos. of drawer (or storage below one drawer as required). Each drawer to be made of 18 mm thk. MR Ply wood for the front and rear 12 mm MR Plywood for sides and 6mm thk MR ply for the bottom sliding on Quadrail slides as manufactured by heavy duty telescopic drawer slides (HTDS 50 of ebco Make). Incl. teak wood lipping of size 19 x 6 mm on edges for the drawer. The front face of the drawers to be finished with 1 mm thick laminate of colour matching with table top laminate. All edges of the drawer unit to be provided with teak wood beading of sect. 20 x 6 mm after fising the laminate and duly polished. No vertical edge of the drawer unit should be left sharp.				
d	Providing multidrawer Godrej or Ebco single lock and approved brass handle for each drawer. Providing circular holes in table top for cables with PVC cable managers of 65 mm dia and cap. 1 mm thick laminate on external surfaces and 0.7 mm thick lamination on internal surfaces of approved made and shade to bottom of table top, drawers & inside the drawer unit etc complete. One footrest of plywood / salwood of cross-section 70 x 35 mm finished with painting.				
e	On the left side platform at bottom for CPU.The bottom compartment made up of 18mm thick. MR plywood. The exposed edges of the plywood to be provided with TW lipping of size 20x6 mm duly polished.				
f	One M S powder coated keyboard tray with mouse tray as manufactured by ebco (KBTM 45) or EGL (KBT-M-001) including sliding channel as per manufacturers specification to be provided below the working platform.				

g	Apron or Modesty panel: made out of 18 mm thick MR ply. Outer surface finished with 1 mm thick post lamination at site of approved make and shade as per design shown in drawing in colour with 2 nos. 25mm high bands of 1 mm thick lamination colour matching with skirting and 2 nos 50mm high bands of 1 mm thick lamination colour matching with apron lamination. All internal surfaces are to be finished with apron lamination. Foot rest of ply wood with support of section 70x 35 mm to be provided finished with painting.				
7.2.2	Executives Branch Manager Table :	1	Nos.		
	... same as item no. 6.2.1 but providing and supplying Executives Branch Manager of minimum size 2.1 m x 0.90 m x 0.75 m ht.				
7.2.3	Officer / Relationship Manager/ Auditor Tables :	4	Nos.		
	... same as item no. 6.2.1 but providing and supplying Officer / Relationship Manager/ Auditor Tables of minimum size 1.65 -1.50 m x 0.75 m x 0.75 m ht.				
7.2.4	Assistant Tables :	2	Nos.		
	... same as item no. 6.2.1 but providing and supplying Assistant Table of minimum size 1.5-1.35 m x 0.75 m x 0.75 m ht.				
7.3	Storages / Credenza :				
7.3.1	Officer Storage/Side Credenza :	8	Sqm		
	Providing, making and placing in position low height storage cabinets as storage and/or runners from 350mm to 500 mm depth, height of 750 to 900 and length as per site requirement, and in 18 mm MR grade plywood construction with 6mm thk. MR grade plywood backing complete.				
a	It shall have 2 no. of 125 mm deep drawers, equal size (min. 400 mm) wide on upper side and below to drawers, the cupboard unit shall be with openable shutter & adjustable shelf all along the full width of the credenza. All drawers shall be fitted with telescopic channels and locking arrangement and cupboards shall have locking arrangement and all exposed edges of plywood shall be fitted with lamination / teak wood beading duly polished. All bidding shall have polish/painted of matching color. All visible surfaces shall be laminated with 1 mm thick plain or Textured Laminate on external surfaces and 0.7 mm thick white lamination on internal surfaces of approved made and shades... contd...				
b	... contd... Providing two nos. shelves, one at 75mm above floor level and one intermediate in middle made of 18 mm MR grade plywood with TW lipping on exposed edges duly polished. Two equal side hung shutters of 18 mm thk MR plywood with teak wood lipping of size 20 x 6 mm on all edges for each compartment. .. contd..				
c	.. contd .. No vertical edge of the storage units should be left sharp. The rate to include for necessary hardware fittings (all SS brush finish) like shutters will be on ebco self closing hinges and drawers shall be on ebco plain slides, SS handle to drawers & shutters, one no. of brass magnetic ball catcher for each shutter, one no. 75 mm long SS tower bolt to relevant shutter and one "Godrej" made lock for each compartment & drawers with common key, etc. complete. All the edges of the BWR plywood in contact with floor also to be provided with teak wood lipping of size 20 x 6 mm. Nylon Buffers of suitable size to be provided under the storage units fixed with screws, wherever required.(Measurement area = Length x Height).				
7.3.2	Back Credenza/Runner :	10	Sqm		
	... same as item no. 6.3.1 but providing and supplying Back Credenza/Runner, low height storage cabinets as storage and/or runners, in 18 mm MR grade plywood in verticals at sides, 900 mm c/c so as to form storage units attached together, each of width 900 mm. (Measurement area = Length x Height).				
8.3	Etching Glass with Film :	10	Sqm		

	Providing & Fixing Birla 3M /Lunar make frosted film fixed on the glass after cleaning and wiping glass surfaces free of any dust or foreign bodies and then fixed plain approved pattern / design film on the glass as per detail drawing inclusive of making necessary cutouts, carting away unserviceable materials out of compound, cleaning the site etc. complete as per the site requirements and the instructions of the Architect. (Basic Cost Of Film not less than Rs.800/- Per smt) . (Measurement area = Length X Height).				
11	Vertical Blinds :	5	Sqm		
	Providing & installing Vertical Blinds of Trac / Vista or equivalent, 100 mm wide, in two colours, of medium range fabric (synthetic material), of approved shade and colour, pull cords shall be 1.7mm dia. Braided nylon with a core of rayon threads. The blinds shall be operate able in any direction with a flight upto 180 degrees and can slide to one side for opening purposes.				
	All metal parts shall be corrosion resistant and rotating parts shall be self lubricating. The fixing of the top rail shall be with special GI brackets at approx 1meter c/c. complete as directed by the SBIIMS.				
12	Painting Works :				
12.1	Rates to include cost of all materials, labour, curing, tools & machinery, transportation, scaffolding, ladders and all incidental and operational charges, at all heights, etc., complete and as directed by SBIIMS. All glasses, surfaces to be cleaned of the paint marks/drops due to work/splashes.				
12.1.1	Plastic Emulsion Paint :	100	Sqm		
	Providing & applying Plastic emulsion paint on walls, ceiling, etc. Removing, scrapping & cleaning the existing color wash/distemper/oil bond distemper / plastic/ luster etc. paint by scrapping, washing and scrubbing and applying Birla putty nor equivalent. The surface shall then be allowed to dry for atleast 24 hours. It shall be then sand papered to give a smooth & even surface. Holes shall be filled with BIRLA putty, made with plaster of paris.				
	Then first coat of primer to be applied. After this necessary leveling shall be done with putty and second primer coat shall be applied. The plastic emulsion paint of approved shade and make shall be applied in minimum 2 coats (finishing paint) including scaffolding, cleaning the floors, fittings, furniture's, ladders, glasses, removing of debris out of the compound etc. complete as per the instructions of the Bank / SBIIMS.				
12.1.2	Enamel Paints to Doors, Windows, Grills, Metallic Surfaces, Walls :	10	Sqm		
	Providing & applying Enamel Paints to Doors, Windows, Grills, Metallic Surfaces, walls, etc. Removing, scrapping & cleaning the existing enamel paint on doors, windows, grills, metallic surfaces, etc. paint by scrapping, sand papering and scrubbing. Then first coat of primer to be applied. After this necessary leveling shall be done with putty & second primer coat shall be applied.				
	The enamel paint of approved shade shall be applied in minimum 3coats (finishing paint) including scaffolding, cleaning the floors, fittings, furniture's, ladders, glasses, removing of debris out of the compound etc. complete as per the instructions of the SBIIMS.				
	(The grills, metallic surfaces, etc. shall be finished with after scrapping, applying red oxide & finish with minimum 2 coats of enamel paint in two different shade).				
13	Sofa set :				

Providing, making and fixing in position sofa set with side arms made for best quality badam/hillock wood framework and legs fitted with rubber nylon shoes fixing with 8mm thick commercial ply back side. Providing 150 mm thick high density (min 40) foam rubber of approved quality to seat of zigzag spring of approved quality over 12 mm thick phenol formaldehyde bonded approved quality commercial ply and 50 mm thick foam rubber of approved quality, density mini. 32 to back covered with upholstery of rate not less than Rs. 450/- per mt. finish of approved quality materials including polish finish complete of approved quality and make selected by the Engineer in Incharge. Rate inclusive of cost of material, transportation, loading/unloading, labour tools & tackles up to any lead and lift etc.	3	Nos.		
Measurement : no. of seats				
TOTAL AMOUNT (IN RS.) EXCLUDING GST*				

* GST SHALL BE PAID EXTRA AS APPLICABLE

SEAL AND SIGNATURE OF THE FIRM