

Bill of Quantities of Furnishing and allied works for Central Bank of India Branch at MODEL TOWN SONIPAT under RO ROHTAK (through Normal Tendering)

A) Total Furniture and allied works					
Sr No.	Item	Unit	Qty.	Rate	Amount
		Sq.ft			
1a	FALSE CEILING -- (GYPSBOARD) IN BRANCH HALL AND ENT. LOBBY				
	Providing & Fixing false ceiling at 9'-0" ht. 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 centers. Then suspending G.I. intermediate channels of size 45mm (0.9mm thick with two flanges of 15mm each) from the suffix at 1220mm centers with ceiling angel 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 clip and in direction perpendicular to the intermediated channel at 457mm centers. Note: <u>Only reflected ceiling plan length and width from bottom shall be measured and vertical patta will not be measured.</u>	Sq.ft	600		
1b	ARMSTRONG TILES CEILING				
	Providing and fixing of false ceilings at all heights of 600 mm X 600 mm X 16 mm ARMSTRONG/DEXUNE Mineral Fibre ceiling tiles of type Prima Dune Premier-Beveled Tegular Edge RH-99 laid on Armstrong 15mm exposed grid system. The framework compromise of main runner spaced at 1200mm centers securely fixed to the structural soffit by approved hangers at 1200mm maximum centers. Hangers (GI wire of 4.0mm dia) to be fixed by approved roof plug, level adjuster and screws etc. The last hanger at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees (with double stitching) to be interlocked between main runners at 600mm centers to form 1200 X 600mm modules. Cut cross tees longer than 600mm to be supported independently. 600mm X 600mm modules to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200mm cross tees.	sq.ft	540		
2	PARTITIONS				
	Providing and fixing partition in position as per design with 2"x1½" sal wood finished section frame work @ 2'-0" c/c both ways screwed to the floor and ceiling with M.S. Cleats and All wood frame work to be applied with 2 coats of fire retardant paint and 1 coat of wood preservative with anti termite properties. The measurement will be taken up to the false ceiling visible height in case of full height partition. The frame work will be clad with 6mm thick plywood both sides and to be finished with approved 1.0mm laminate (century laminates- Bavaria beach or similar shade for other approved brands as approved by Bank's Officials) with horizontal grooves 1/8" x 1/8" as per design with approved band adhesive. Extra frame work to be fixed for fixing glass. Teak wood lapping 3"x3/4" all complete duty natural polished and Melamine finish to be provided on all exposed sides. In the glazed partition 12mm thick clear float glass of approved make with Elching/sand blasting/granular blasting & Central bank logo to be provided duly fixed with teak wood lapping 2"x1" all complete duty natural polished and Melamine finish. In case of Full ht. Partly glazed/full glazed partition some portion to be raised as per drawing.				
	The work should be completed as per specification, design & approval of the Bank's official. For the cash cabin door 32mm solid core BWP flush door with a frame work of approved shade, size 3"x2.5" with necessary hold fast fixed to the wall/partition. Finished with 1.0mm laminate and lapping in all sides and 1.5"x1.5" teak wood molding to be provided along the periphery of the door frame. Supply and fixing of complete door accessory/hardware as door closure, brass hinges, Cylindrical / Night latch, locks and S.S. handle. For manager cabin door, 12mm thick etched glass and Central bank logo frosted design with necessary and blasting/granular blasting to be provided and edge should be machine beveled polished complete with a decorative handle of 600mm of approved brand, floor spring, Locks, door stopper, etc., all complete.				
a	Low height partitions with 12 mm thick glass above 3'-0" ht. upto 4'-6" ht. as per design / drawing.	Sq.ft	115		
b	Cash-Cabin's partitions 7'-0" height with door as per design / drawing	Sq.ft	135		
c	Cash cabin as well as single windows front partition with 12mm thick Glass complete with all holes / pockets cutting fixed with S.S brackets, edge should be machine beveled polished complete.	Sq.ft	20		
d	BM: CABIN(partly glazed upto 7' ht only) & other full ht UPS and Server Store Room partition, & daftri side full ht. partition rates upto 12'-0" High.	Sq.ft	310		
e	Wick, Gate	R.ft	0		
f	Solid Flush Door 3NOS. (2nos.7'x3'+1 nos. 2'6"x7') with door closer, lock set etc including all hardwares complete. Size may vary as per site measurements.	Sq.ft	63		

g	12mm thick Toughened Glass Full Height Partition (2nos 3'x7'.0 nos.3'x7' at main gate) PLUS as per site full ht glazing complete with Stainless Steel fittings, 16" SS door handle, Locks, studs, frames, etc. complete, with Approved make (Dorma / Ozone/GEZE floor spring with Fittings & Handles etc). <u>Quoted Rate should be including all hardware as required on site for Complete doors and glazing in all respect.</u>	Sq.ft	32		
3					
	Pillar : P/F wall paneling on soft wood frame 1" x 2" placed @ 1'-6" c/c horizontally & vertically, finished with 6mm thick plywood by making horizontal grooves of size 1/8"x1/8" @ 18" c/c, 1.00 mm thick laminate, 4'-0" high as per design, the paneling shall be closed with 1.5" x 3/4" teak wood beading.	Sq.ft	0		
4	BANKING COUNTERS /OFFICER TABLES				
a	Providing & fixing Banking Counters /Officer tables as per design, TABLES 5'X2'6"Wx2'-6" ht. with Side Table Size: - 3'0"x 1'6"X2'3"H(As per the instructions of Architect, size may have addition/alteration). The counters shall have the provision to adjust the key board, drawer, storage complete shelf for CPU at bottom and foot rest (3'X1.5"). The banking counters shall be made of 19mm thick ply board, with teak wood Gola of size 1 1/2 "x 3/4 ", which is to be polished as per color scheme. The counter shall be finished with 1mm thick laminate of approved shade / colour, complete with all necessary hardware such as S.S.handles, magnet catchers, brass hinges, locks, etc. as per Bank's approved brand/make. Inside of counters shall be painted with synthetic enamel paint as per color scheme. <u>Rate should be including all hardware as required on site for Completion in all respect.</u>	Nos.	5		
	<u>Table set Size: - 6'0"x2'6"x2'6"</u> with 8mm glass table top , Side Table Size: - 3'0"x 1'6"X2'3": Providing & Fixing BM table & side table made out of 18mm thick Commercial ply frame work & necessary 2" X 2" & 2" X 1 1/2" C.P.T.Wood supports & beeding patll as required / shown in the detail drawing. The table shall have 1'-6" wide drawer unit with two drawers and one shutter below the drawers at the right side of the table along with two drawers in side table & one drawer for key board at the corner of the table & side table. The front apron shall be made in 12mm thk Commercial ply covered with additional 4" X 1/2" thk Commercial ply finish with 1.00mm thick approved shade / make/laminate as shown in detail drawing or as per Banks Standard Design.All the exposed surfaces of the table & side table shall be finish in 1.00mm thick approved color laminate from out side & 1.5mm thk approved color laminate for approved color laminate from out side & 1.5mm thk approved color laminate for TOP finish with French polish from inside of matching of the laminate shades including approved Brush Finish Stainless Steel Handles, Brass Ball Catches, Brass Locks, Foot Rest made out of 12mm thk Commercial ply tapered box finish with Rubber Matting, Brass Powder Coated Wire Manager, Twin Telescopic Drawer Fittings, CPU metal stand with casters, necessary teak wood round 2" Moulding etc. complete as per instructions of the Architect. <u>Rate should be including all hardware as required on site for Completion in all respect.</u>	Nos.	1		
	<u>Table Size: - 4'6"x2'6"Wx2'6"ht ::Do as above Table specs except in size etc complete as per instructions of the Architect,wherever required.</u>	Nos.	1		
b	Providing and fixing side rack, 2'-3" ht. as per design. These racks shall have two drawers with storage below and be made of 19mm thick plyboard; 1mm thick laminate with rubber -wood gola of size 1 1/2" x 3/4" polish, painting inside only, side golas, handles, catchers, hinges etc.	Rft	0		
5	STORAGE UNITS				
a	Low Height Storage Unit (Back Side Runner) : Providing, Constructing and Fixing Storage should be made out of 19 mm thk Plyboard box type in nature. 1.0 mm thk approved laminate to be stuck to all exposed surfaces, inside painting, complete finished with golas/margins, 4" S.S.handles, brass hinges, locks and magnetic catchers, etc. Storage should have side hung shutters. The unit to have 3" covered skirting with approved laminate. The overall size of the unit shall be 2'-6" in ht and 18"/15" deep as per design. The unit shall have intermediate shelf.	Sq.ft	75		
B	Full Height Storage Unit (Back Side Runner) : upto 8' ht Providing, Constructing and Fixing Storage should be made out of 19 mm thk Plyboard box type in nature. 1.0 mm thk approved laminate to be stuck to all exposed surfaces, inside painting, complete finished with golas/margins, 4" S.S.handles, brass hinges, locks and magnetic catchers, etc. Storage should have side hung shutters. The unit to have 3" covered skirting with approved laminate. The overall size of the unit shall be in ht and 18"/15" deep as per design. The unit shall have intermediate shelf.	Sq.ft	140		
C	ELECICAL PANEL CUPBOARD 4'x8' Same as above item 5.b except to provide a glass cutout of 1'x1' to make the meter visible.	Sq.ft	32		
6	CASH COUNTERS:				

	Providing & Fixing Cash – counters 2'-9" wide, with two levels i.e. 2'-6" & 4'-0" ht. The lower portions top & all other exposed surface shall have 1mm thick laminate and golas/margins. The lower portion on cashier side there will be provision of 3 nos. drawers with sliding channels of Ebco. for cash, stationery, key board, etc. The upper portion, i.e. customers' level shall have granite top 12" wide as well as 12mm th. glass 9" wide as per detailed drgs. Inside of cash counters shall be painted with synthetic enamel paint as per color scheme, teak wood beadings / gola etc. complete finished with S.S. handles, brass hinges, locks and magnetic catchers, etc	Rft	5		
7	NOTICE / SOFT BOARDS				
a	Providing & fixing soft boards of size 3'-6"x 2'-0" (covered with openable glass shutters) on 10mm th. ply board 12mm th. soft board finished with cotton fabric , 1"x2" teak wood beading.	Nos.	1		
8	SERVER COUNTER:				
	Providing & fixing server room: Counter 2'-6" high with key board, storage cabinet below, drawers etc. other hardware, such as S.S. handles, brass hinges, locks and magnetic catchers etc. shall be shall be provided as per requirement, finished with 1.00 mm thick laminate, inside painfing etc. complete in all respects as per drgs.	Rft	5		
9	Cheque drop box 1'x2', laminated as above with lock arrangement.	job	1		
10	Writing desk 4'x1'-3', fixed at 3'-6" High. laminated as above with side hung shutters and intermediate shelf.	job	1		
	A.Total Furniture and allied works (Rs.)				

B)	ELECTRICAL, AC & NETWORKING WORKS:				
	ELECTRICAL Items:	Unit	Qty.		
1	Supply, fixing, testing and commissioning of Recess mounted decorative luminaire with LED FIXTURES with class I electrical safety, complete as required Fitting Dimensions : (make - PHILIPS/HAVELLS)				
a)	32-40 watts, Minimum LED SQUARE size 600X600X80 mm (Approx.) : CRI>80, PF>0.9	Nos.	10		
b)	14-15 w .Minimum LED ROUND DOWN LIGHTER Diameter 110-165mm, CRI>80, PF>0.9 (make - PHILIPS)	Nos.	20		
c)	1 x 28w T-5 Light batten plain fitting with acrylic cover Philips make	Nos.	10		
2	ELECTRICAL FANS	Nos.			
a)	Providing & Fixing Wall Fans 15" dia : 15" dia Khailan / Crompton Greaves / Orient. in Branch+ in Multipurpose area. Switch has to put nearby to stop flow of current when not in use. Rates inclusive of all.	Nos.	8		
b).	Exhaust Fan: Supply and fixing of the following single phase Exhaust Fan 1400 rpm continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wound, A & E class insulation, dynamically balanced, below 40 db sound level etc. Supplying & fixing of 300mm dia Exhaust fans	Nos.	2		
3	ELECTRICAL POINTS				
a)	Electrical wiring for Air-Conditioning:				
b)	Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 20 A Metal plug and socket, with 20 A/25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. (MCB of C-Curve with S.C Capacity 10 kA)	6	nos.		
c)	5 Amp plug point wiring with 1.5mm sq. multi strand PVC copper wire inc. Plate switches, sockets, plugs. Etc	11	nos.		
d)	Call-bell point wiring including Ding-dong bell with 1.5mm sq. multi strand PVC copper wire including plate switches, sockets, etc.	1	nos.		
e)	Wall Fan, lights & exhaust fan point wiring with 1.5mm sq. from D/B to switches & fittings multi strand PVC copper wire including plate switches, sockets, etc. (For payment no. of switches shall be counted).	48	nos.		
4	UPS POINTS				
a)	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 1.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. Set of 6 Amp 4 sockets & 4 switches	10	each		
b)	UPS supply to tube lights: Point wiring / circuit wiring with 1.5mm sq. from D/B to switches & fittings multi strand PVC copper wire including plate switches, sockets, etc. (for payment no. of switches shall be counted)	10	nos.		
5	EARTHING				
	Preparation of the Earth station : (as per I.S. 3043)				
	a). Excavation of rocky earth, soft murum, hard murum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm X 1000 mm X 2500 mm deep.				
	b). S/F of Copper plate of size 600 X 600 X 3.00 mm				
	c). Supply & fixing 25 mm X 5 mm , 3 mtrs copper strip from copper plate to earth terminal including				
	brazing/welding at plate etc.				
	d). Supplying and laying in position 15 mm.2 mtrs G.I. B class perforated pipe for watering.				
	e). S/F of one set of reducer / funnel with mesh				
	f). S/F of the following in the earth station.				
	i). 75 Kg. Charcoal.				
	ii). 50 Kg. Original Salt.				
	g). Construction of earth pit chamber incl necessary brick work, concrete , plastering, S/F of C.I. cover of size 12" X 12" complete as per site requirement	2	Nos.		
	Supplying and laying 25 X 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc if required..	6	M		

	Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 20 mm GI Pipe including all materials, accessories etc complete.	40	Mtrs.		
6a	Providing and fixing of PVC conduit in wall /floor, including Telephone wire, M.S. box and two pin telephone sockets or R.J. – 11 plates out let incl. Testing and commissioning etc. as required	8	nos.		
b)	Connectivity for VSAT / Leased lines (material plus labour) - Providing & Fixing of 40mm PVC Conduit of ISI Make including Data Cable of D-Link & RJ45, complete in all respects for connectivity.	1	nos.		

7	NETWORKING WIRING				
a.	Supplying, Installation, testing and commissioning of the Computer point with the followings -				
b	Four pair STP CAT 6 LAN cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord. (from server room switch to I/O outlet)				
c	HMS Pvc Pipe on beam /column / wall / floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per At & T specification.				
d)	Single outlet with shutter modular type I / O's Outlets (RJ - 45) with suitable size PVC modular boxes complete as required	16	Nos.		
e	Supply & Installation of 24 Port Patch Panel (D-Link for CAT - VI)	1	nos.		
f	Supplying of branded patch chords for computers 2m length.	16	nos.		
g	Providing fixing 9 U Rack D Link	1	nos.		
8	MAIN PANEL/VTN(4 WAY) :(With following minimum capacity)				
a.	Supply, installation , testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCA M.S. sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and out side of the panel, bus-bar chamber, outgoing switchgear etc (all feeder unit Would be compartmentalized), color coded PVC sleeved vertical / horizontal busbar of required size of length, (bus-bar distances shall be minimum 32 mm) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from busbar to switchgears / mccb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and name plates for all incoming & outgoing , two eye two nos eye bolts, wire mesh jali for ventilation etc comprising with the followings.				
	NOTE:-				
	Sheet 16 swg : panel sides, upper, lower, and Fl. doors				
	Sheet 16 swg : back side and compartments.				
	Gland plates : 3 mm thick.				
	Cable entry : Provision at bottom and upper sides.				
	Inside the panel : white colour paint.				
	Outside the panel : Grey colour paint, or as directed.				
	INCOMER				
	1 Nos 125 Amp MCCB, 25 KA- 4 Pole, C-curve				
	1 Nos - 150 A TPN insulated Copper Bus Bar				
	Set of Indicator Lamps				
	Set of Voltmeter + Ammeter+ Selector Switch				
	OUTGOINGS				
	3 Nos- 40 Amp, 1 No-63 A TPMCB, C-curve				
	SET AS ABOVE	1	Nos		
B	SFU TPN 125 A with HRC fuses (just after meter and prior to Main Panel)	1	Nos		
9	LIGHT DISTRIBUTION BOARD				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way TPN MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	INCOMER				
	1 No. TPN-RCBO/ELMCB 40 Amp ,100 ma sensitivity				
	OUTGOINGS				
	6-8 Nos SPMCB 6/10 /16 Amp, B-Curve				
	SET AS ABOVE	1	Nos		
	incl. Electrical connection , earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
10	AC DISTRIBUTION BOARD				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories				
	INCOMER				
	1 No. TPMCB 63 Amp ,C-curve				
	OUTGOINGS				

	10 Nos SPMCB 25/32 Amp,C-curve				
	SET AS ABOVE	1	Nos		
	incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
	SUBHEAD IV : UPS WIRING				
11	U.P.S. DISTRIBUTION BOARD (INCOMER)				
	Supply, Installation, Testing and commissioning of the surface / recess mounting following way Double door MCB D.B.- Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.				
a.	INCOMER				
	1 NOS 40 A DP MCB				
	OUTGOINGS				
	2 Nos- 40 Amp DP MCB				
	SET AS ABOVE	1	Nos		
b	UPS DIST. BOARD OUTGOINGS.				
	1 NOS 12 WAY SPN DIST BOARD				
	1 Nos- 40 Amp DPMCB				
	6-8 NOS 6/10 AMP SPMCB				
	SET AS ABOVE	1	Nos		

12	CABLES :				
a)	Providing & fixing main electrical cable 4- core al. cable armored from elect. pole to meter 35mm dia.Polycab	30	mtr.		
b)	P/F generator wire/cable 16mm 4-core Aluminium Cable.	30	mtr.		
c)	ELECTRICAL WIRE INDOOR TO OUTDOOR UPS input supply 6sq mm 3 core copper	45	mtr.		
d)	Extra Copper pipe from external to internal (as per actual measurement)	55	mtr.		
e)	PVC drain pipe for AC (as per actual measurement)	25	mtr.		
14	Supplying the material & wiring for the music system with PVC Insulated copper conductor 2X1.0mm sq. wires of Finolex make laid in PVC conduit concealed manner in ceiling / walls along with cutting and making them good connections etc. Supply, installation, testing and commissioning of recessed, radiator type speaker 6 watt of Philips or equivalent make complete	6	nos.		
15	Providing & fixing of wiring only for CCTV camera points in wall & false ceiling complete with conduiting as required on site, work completed in all respects.	0	nos.		
16	Providing and fixing Changeover of approved make	1	nos.		
17	Providing and fixing 6mm wiring for main to UPS of approved make	40	mtr.		
	B). ELECTRICAL, AC & NETWORKING WORKS Rs.				
	Total (A+B)				
	Any Discount Offered on Total (Rs.) -				
	Total after Discount (Rs.)				
	Add GST				
	Grand total (Rs.)				
	NOTES:- Specifications mentioned as above should be read as per standard specifications prevailing in the market and Contractor will not be given benefit of doubt just because few terms are missing, if any.				
	<u>The entire work including colors/specification/size etc. are to be done as per latest guidelines of Central bank of India. Materials to be approved from Bank's Architect or Engineer or Competent Authority. No Equivalent should be used without information of Architect/Engineer.</u>				
	For any extra work out of tender permission to be taken from Bank/Architect.				
	R.O. stands for rate only & is to be filled duly.				
	Site work to be got appd. From architect time to time as per his instructions.				
	Accepted unconditionally as above,				
	Final Quoted Amount in Figure and Words(Rs.)				
	Name and Sign of Authorized Signatory with date and Stamp of Company				