

LIST OF GENERAL MATERIAL SPECIFICATIONS

The Contractor shall quote for the best of the materials as specified below. The Contractor shall obtain prior approval from the Employer/Architects before placing order for the specific materials/Agencies. In case of non-availability of any of the approved/specified materials/Agency, during the execution of work, the Employers/Architects may approve suitable equivalent brand/Agency and his decision shall be final and binding on the Contractor. The contractors should make themselves aware about availability of the materials to be used before submitting the Tender.

RECOMMENDED MAKE TO BE USED FOR THE FURNISHING OF BANK OF INDIA BRANCH AT BHIWANI (HARYANA)

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|-----------------------------------|---|---|
| 1. Plywood (M R Grade) | : | Sarda Plywood Duro Ply / Green Ply Ecotech/ URO / Century Ply Wood |
| 2. Laminates | : | Greenlam, Silicon (Shed as Mentioned in the working drawing and bill of quantities). |
| 3. Lipping & Moulding | : | Teak Wood. |
| 4. Adhesive | : | Fevicol SH. |
| 5. Locks (Multi purpose) | : | Godrej. |
| 6. Night Latch | : | Godrej. |
| 7. Glass | : | Modi / Saint Gobain. |
| 8. Aluminium | : | Jindal. |
| 9. Aluminium Cladding | : | Eurobond / Altobond / Alukbond. |
| 10. Door Closer | : | Garnish.(Heavy Duty) / Godrej. |
| 11. Paint | : | Berger / ICI Dulux./ Asian Paints |
| 12. Wood Preservative | : | Bison by British Paints / Termiseal by ICI. |
| 13. Wood | : | Well Season Kapoor / Gumar / Badam. |
| 14. Drawer Channel | : | Telescopic. |
| 15. Screw | : | Nettlefold |
| 16. Key Board Drawer | : | EBCO. |
| 17. Telescopic CPU Stand /Trolley | : | EBCO. |
| 18. Cable Organiser | : | EBCO. |
| 19. Floor Tiles | : | Ceramic Tiles (400 x 400) Johnson / Euro/Kalaria. |
| 20. Cement | : | ACC / Lafarz / Birla Plus. |
| 21. Rubber foam | : | Dunlop |

| | | |
|------------------------------------|---|---|
| 22. Polyurethan foam | : | Dunlop |
| 23. Texture paint | : | Spectrum / Heritage |
| 24. MCB | : | Havells / L & T . |
| 25. Change over switch | : | L & T |
| 26. Modular Switch | : | Anchor Roma / MK / NorthWest |
| 27. Wires / cables | : | Anchor/ Finolex / Polycab |
| 28. Ceiling fans | : | Bajaj / Khaitan. |
| 29. Exhaust fans | : | Bajaj / Khaitan. |
| 30. Wall mounted fan | : | Bajaj / Khaitan. |
| 31. Ordinary tube light (Single) | : | Philips / Wipro (model specified in BOQ) |
| 32. Tube light fixtures (Double) | : | Philips / Wipro (model specified in BOQ.) |
| 33. 3X36 w recessed fixture | : | Philips / Wipro (model specified in BOQ). |
| 34. 12v, 50w halogens | : | Philips / Wipro (model specified in BOQ). |
| 35. MCCB | : | Havell / L & T |
| 36. ELCB | : | Havell / L & T |
| 37. Telephone wire | : | Anchor / MK / NorthWest |
| 38. Main panel | : | Anchor |
| 39. Isolator | : | Havell's |
| 40. LAN Cable (Cat 5) | : | D-Link |
| 41. I/O Switch | : | D-Link |

All other Materials shall be best quality heavy section mentioned in the drawing as well as in bill of quantities and also approved by Bank / Consultant.

For & On the Behalf of Architects

GURDEV GROUP OF ARCHITECTS

SCO 1094-95, SECTOR 22-B,

CHANDIGARH – 160 022

PHONE : 0172-2712201

MOBILE : 094170-08450

**BOQ FOR THE FURNISHING OF PROPOSED LOCAL HEAD OFFICE , BANK OF INDIA
SCO 181-182, SECTOR 17-C, CHANDIGARH**

| Sl. No. | Description of item | Quantity | Unit | Rate (in Rs.) | Amount (in Rs.) |
|---------|---|----------|------|---------------|-----------------|
| 1. | <u>False Ceiling (Armstrong)</u> Providing & fixing in position false ceiling in Armstrong 600 x 600 mm x 15/16 mm Dune Supreme RH 99 Prima tile with Tegular edge framework as specified by Armstrong Co. with suspenders wherever required. Making necessary framework for A.C. ducting, if any, and necessary cutouts for diffusers and light fittings, taping and finishing to proper line & level, including making grooves and trap doors for A.C unit in 18mm thick M.R. Grade Plywood with Stainless Steel hinges & locks with moulding 1" x 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respects. (Note:- Only the plan area will be measured for payment. No extra payment will be made for cutouts, grooves, mouldings, steps or any type of design etc.) | 870 | Sft. | | |
| 2. | <u>Painting</u> Providing & applying White Plastic Emulsion paint of Asian Paints/ ICI Dulux/ Berger and Sporty Yellow-X104 shade of Royal Luxury Emulsion of Asian Paints in minimum 2 coats including scrapping, opening of existing cracks, filling up of "V" cracks with epoxy expandable putty to required depths, making good weak plastered/ unplastered surfaces with cement plaster wherever required. Item to include Plaster of Paris, primer, palti & making good existing surface to receive new paint including cleaning on completion of painting work etc. complete in all respects. | 1000 | Sft. | | |
| 3. | <u>Solid Full Height Partition</u> Providing & fixing in position solid Full Height Partition in frame work including door in 2'x 2' grid (horizontally and vertically) comprising of 2"x 1½" T.W. Section with 6 mm thick plywood on both sides finished with 1 mm thick laminates of approved make and colour as shown in drawing no.17. Item to include 2" x 2" T.W. member for door frame and including wooden door shutter with all required hardware. All exposed T.W. surfaces to be finished in melamine polish of matching laminate colour as directed including all necessary Stainless Steel finish fittings/ hardware, door closers, Godrej locks and wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/ Bank complete in all respects. (Note: In case of false ceiling, the vertical T.W. members to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only). | 800 | Sft | | |
| 4. | <u>Low Height Partition</u> Providing and fixing in position 4'-0" high partly glazed low height partition with 3 Nos. gate (2.5" thick) in frame work with wooden. vertical members at 2' c/c and 3 horizontal members at equal distance comprising of 2" x 1 ½ " wooden. Section with 6 mm plywood on both sides finished with 1mm thick laminates of approved make and shade as shown in Drawing No. (14) or (3). Item to include 12mm thick frosted glass to be fixed as shown in Drawing. The exposed edges of | 100 | Sft. | | |

| Sl. No. | Description of item | Quantity | Unit | Rate (in Rs.) | Amount (in Rs.) |
|---------|--|----------|------|---------------|-----------------|
| | the glass to be finished in mirror polish. wooden runner should be melamine polished in matching colour of laminate etc. complete in all respects. | | | | |
| 5. | <p><u>Partly Glazed Full Height Partition</u></p> <p>Providing and fixing in position partly glazed Full Height Partition work as shown in the drawing nos. (3) & (4) including door as shown in the drawing No.(13) in frame work at 2' x 2' grid (horizontally and vertically) comprising of 2" x 1½" T.W. Section and / or as per frame work shown in the drawings with 6mm plywood on both sides finished with 1 mm thick laminates of approved shade and colour as shown in drawings.</p> <p>Item to include 8 mm thick glass with etching and frosting as per design and 2"x 2" T.W. member for door sides and glass sides and T.W. door frame including 8 mm thick glass with etching and frosting.</p> <p>All exposed T.W. surfaces to be finished in melamine polish of matching laminate colour as directed including all necessary Stainless Steel finish fittings/ hardware, door closers, Godrej locks and wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/ Bank complete in all respects.</p> <p>(Note: In case of false ceiling, the vertical T.W. members to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only).</p> | 300 | Sft | | |
| 6. | <p><u>Tables</u></p> <p><u>GM Table</u></p> <p>Providing and fixing in position GM Table of size 8'-0"x 2'-9" as per drawing no.(6) or / and as per layout plan / C.M. Table of size 6'-0" x 2'-9" as per drawing no. (5) including Side Storage (Credenza) by using 25mm thick plywood for top and 18 mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4"x 1 ½ " finished with french polish.</p> <p>Side Storage (Credenza) of size as per drawing shall be provided. Facia of Side Storage (Credenza) shall be finished with 1mm thick laminates as shown in the drawing and all other sides shall be finished with white enamel paint. The Side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.</p> <p>All exposed plywood surfaces to be finished with 1mm thk. laminate of approved make & shade, and all exposed edges of table top & ply verticals to have 1" x 1/4" T.W.lipping. All exposed T.W. sections to be melaminated and internal surfaces to have white enamel paint as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.</p> | 1 | Each | | |
| | <p><u>Officer Table</u></p> <p>Providing and fixing in position Officers Table of size 4'-6"x 2'-3 6" as per drawing no. (5) including Side Storage (Credenza) by using 25mm thick plywood for top and 18 mm thick</p> | | Each | | |

| Sl. No. | Description of item | Quantity | Unit | Rate (in Rs.) | Amount (in Rs.) |
|---------|--|----------|-------|---------------|-----------------|
| | <p>plywood for all other horizontal and vertical members. Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4"x 1 1/2 " finished with french polish.</p> <p>Side Storage (Credenza) of size as per drawing shall be provided. Facia of Side Storage (Credenza) shall be finished with 1mm thick laminates as shown in the drawing and all other sides shall be finished with white enamel paint. The Side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.</p> <p>All exposed plywood surfaces to be finished with 1mm thk. laminate of approved make & shade, and all exposed edges of table top & ply verticals to have 1" x 1/4" T.W.lipping. All exposed T.W. sections to be melaminated and internal surfaces to have white enamel paint as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.</p> | | | | |
| | <p><u>Staff Table</u> Providing and fixing in position officer's Table of size 5'-0"x 2'-6" and as per layout plan & as per drawing no. (5) including Side Storage (Credenza) by using 25mm thick plywood for top and 18 mm thick plywood for all other horizontal and vertical members. Telescopic CPU Stand/ ready made Keyboard tray shall be provided of approved model and make. Footrest made with T.W. member of size 4"x 1 1/2 " finished with french polish.</p> <p>Side Storage (Credenza) of size as per drawing shall be provided. Facia of Side Storage (Credenza) shall be finished with 1mm thick laminates as shown in the drawing and all other sides shall be finished with white enamel paint. The Side Storage (Credenza) shall be provided with handles (Stainless Steel finish) and channels as per approval of the Project Consultant / Bank.</p> <p>All exposed plywood surfaces to be finished with 1mm thk. laminate of approved make & shade, and all exposed edges of table top & ply verticals to have 1" x 1/4" T.W.lipping. All exposed T.W. sections to be melaminated and internal surfaces to have white enamel paint as directed. Item to include plywood boxing, all necessary hardware and fittings in Stainless Steel finish, lipping to all edges etc. complete in all respects.</p> | 2 | Each | | |
| 7. | P/F vertical blinds of vista / Mac of approved shade / colour. | 370 | Sqft. | | |
| 8. | Pin-up board finished with cotton cloth & rubber wood beading. | 120 | Sqft. | | |
| 9. | P/F wall paneling on RCC Cols only soft wood frame 1 1/2" x 2" placed @ 2'-0" c/c horizontally & vertically @ 1'-0" C/C, finished with 9mm thick commercial ply by making horizontal grooves of size 3/8"x3/8", 1.00 mm thick laminate with cedar ply combination as per design, the paneling shall be closed with 2" x 1" rubber wood beading. | 150 | Sqft. | | |

| Sl. No. | Description of item | Quantity | Unit | Rate (in Rs.) | Amount (in Rs.) |
|--------------|--|----------|------|---------------|-----------------|
| 10. | <p><u>i)Full height Storage / Low Height Storage/ Back Storage</u> Providing and fixing in position Full height Storage / Low Height Storage/ Back Storage(Credenza) as shown in Drg. No.(8), (9) & (10) respectively using Plywood of required thickness finished with 1mm thick laminates as shown in the drawing and all other sides shall be finished with white enamel paint as detailed therein. The Storage Units shall be provided with handles (Stainless Steel finish) as per approval of the Project Consultant / Bank.</p> <p>All exposed plywood surfaces to be finished with 1mm thk. laminate of approved make & shade and all exposed edges of plywood to have 1" x ¼" T.W.lipping. All exposed T.W. sections to be melaminated in matching colour laminate and internal surfaces to have white enamel paint as directed. Item to include all necessary hardware and fittings in Stainless Steel finish, Godrej multi purpose locks including magnetic ball catcher etc., complete in all respects.</p> | 130 | Sft. | | |
| 11. | Renovation of toilets | | | | |
| | Renovation of Executive toilet (Approx. area 8'x6') which includes (including dismantling existing) all ceramic coloured fixtures of Cera make such as European WC (2059) with ceramic cistern, jet, seat-cover, wash basin (1039), urinal (5006), floor jalis, mirror 18"x 24" as approved, towel rail, soap dish, all CP fittings such as taps etc. of Nova make as per sample approved, complete C.I. & G.I. fittings for disposal as well as water supply, wall tiles upto door ht. of Kazaria/Orient of size 8"x12" dark brown & ivory colour combination with two lines of decorative borders as approved. | 1 | Nos | | |
| | Renovation of another toilet (Approx. area 8'x6') which includes (including dismantling existing) all ceramic coloured fixtures of Cera make such as European WC (2059) with ceramic cistern, jet, seat-cover, wash basin (1039), urinal (5006), floor jalis, mirror 18"x 24" as approved, towel rail, soap dish, all CP fittings such as taps etc. of Nova make as per sample approved, complete C.I. & G.I. fittings for disposal as well as water supply, wall tiles upto door ht. of Kazaria/Orient of size 8"x12" dark brown & ivory colour combination with two lines of decorative borders as approved. | 1 | Nos | | |
| TOTAL | | | | | |

| B. | ELECTRICAL | QTY. | UNIT | RATE | (RS) |
|-----------|--|-------------|-------------|-------------|-------------|
| 1. | Providing & Fixing 3x36W CFL Mirror optic with tube – lights of Crompton. (CRFQ336/P5/D) | 10 | Nos. | | |
| 2. | Providing & Fixing CFL down – lighter 2x18W of Philips, Decon, Wipro (FBH 145/218 of Philips make). | 12 | Nos. | | |
| 3. | Providing & Fixing wall fans : Khaitan / Crompton Greaves / Orient . | 8 | Nos. | | |
| ii) | Exhaust Fans 12” Dia : 1400 rpm (Double ball bearing) Heavy duty Crompton Greaves / Phillips. | 3 | No. | | |
| 4. | <u>ELECTRICAL POINTS :</u> Providing laying, fixing & testing of electrical points including wiring from MCB’s to switches, plate type switches, socket & M.S. Modular boxes with rust proof treatment size to accommodate the required nos. of switches & sockets plus circuit wiring from switches to lights/fans/fixtures etc. wherever required complete with earthing 1.00 mm ² multi strand wire in 25mm dia. Unbreakable PVC conduit ISI marked with specials under floor / wall & above false ceiling or making truff under / along work – stations including chase cutting, disposal of melba away from the site and repair of the same with cement mortar, copper conductor wires only will be used of approved make. | | | | |
| a) | <u>Electrical wiring for Air-Conditioning :</u> P / F 32 Amp wiring with MCB from D/B to site of outdoor and indoor A/C Unit with 4mm sq. multi-strand PVC copper wire, earth wire with DP switches. | 4 | Nos. | | |
| b) | <u>Electrical wiring for UPS input-output :</u> P / F 32 Amp wiring with with 2 DP’s of 32 Amp. from D/B to the location of UPS/UPS room for input and output power supply with 2 runs of 4mm sq. and one run of 1.5 sq. mm as earth wire multi-strand PVC copper wires, with DP switches / power pt. i.e. switch-socket. | Job | LS | | |
| c) | 15 Amp wiring with 2.5mm sq. multi strand PVC copper wire & metal clad enclosure sockets & plus. | 5 | Nos. | | |
| d) | 5 Amp plug point wiring with 1.5mm sq. multi stand PVC copper wire inc. Plate switches, sockets, plugs. Etc. | 5 | Nos. | | |
| e) | Call-bell point wiring including call bell with 1.5mm sq. multi strand PVC copper wire including plate switches, sockets, etc. | 2 | Nos. | | |
| f) | 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). | 40 | Nos. | | |
| 5. | <u>UPS POINTS :</u> P/L & testing electrical three point wiring having individual | | | | |

| | | | | | |
|-------|--|--------|----------|--|--|
| | circuits for computers with 2.5mm ² Multi-strand copper PVC wire in unbreakable PVC conduits 25mm dia wall thickness 2mm thick with specials under floor / wall & above false ceiling including chase cutting, disposal of melba away from the site and repair of the same with cement mortar, incl. Switches & socket M.S. switch boxes with rust proof treatment size to accommodate the required nos. of Modular switches, sockets etc. & plate type sockets with indicator three in one plate including earthing with 1.00 mm ² multi strand wire complete in all respect. | | | | |
| i)- | Set of 6 amp. 4 sockets & 4 switches | 8 Sets | Each set | | |
| 6. | <u>Wiring & fixing telephone point</u> Incl. Providing and fixing of PVC conduit in wall floor incl. Telephone cable, M.S. box and two pin telephone sockets on or R.J. – 11 plates out let incl. Testing and commissioning etc. as required. | 4 | Nos. | | |
| 7.i) | Providing & laying CAT-VI/ Lucent / D-link computer networking cable in PVC conduit in floor or wall from server room to each table with I.O.' s (Socket) | 8 | Nos. | | |
| ii) | Supplying of patch chords for computers 1m & 2m length. | 12 | Nos. | | |
| 8. | <u>MAIN PANEL BOARD.</u> Voltmeter, Am-meter, selector switch ,CTs, back up fuses Incoming: 100 Amp TPMCCB -1 No. 3 phase Neutral 100 Amp copper busbar -1set. 63Amp change over switch with HRC fuses. Outgoing: 100Amp TPMCCB-1No. 63Amp TPMCB-3Nos. 40Amp DPMCCB-2Nos. Cable allies on all three sides. The cubicle panel shall be fabricated of 16 gauge MS sheet of superior paint over one coat of primer. The cable shall be property terminated with the help of cable glands / thimbles etc. (switches shall be L&T/Havell's). | 1 | each | | |
| 9. | CABLES : | | | | |
| i) | Providing & fixing main electrical cable 4- core al. cable armored 50mm dia. | 10 | Mtr. | | |
| ii) | P/F generator wire 16mm 4-core Alum. Cable. | 50 m | Mtr. | | |
| 10 | Connectivity for the VSAT / leaselines (material & labour) – P&F of 40mm PVC conduit of ISI make including data cable of D-link & RJ-45, complete for connectivity. | 70 | Mtr. | | |
| | TOTAL | | | | |

TOTAL (FURNISHING + ELECTRICAL)

= Rs.

ARCHITECT