**LIST OF APPROVED MAKE OF A C C E P T A B L E    MATERIALS**

**ENTIRE MATERIAL LISTED BELOW SHOULD BE FIRST APPROVED BY THE BANK AND CONSULTANT BEFORE EXECUTING)**

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| **S. No.** | **Item** | **Specified Material** |  |
| 1 | **False Ceiling-** |  |  |
| **1)Gypsum Board** | 1). 12.5mm thick Gypsum Board of Gypsum India Ltd.  with sections of 26 gauge GI sheet of “**Gypsum India Ltd**.” Company or equivalent. |  |
| **2)Armstrong Tiles** | 2). Armstrong 600x600x(12-15 mm thick) perforated tiles as per “**Armstrong Pvt. Ltd**.” company’s specifications or equivalent. |  |
| 2 | **Aluminum Sections** | 16-18 Gauge anodized Aluminum tubular sections with 20 micron (black) of 50x50mm, 50x40mm for partition and 16-18 gauge anodized Aluminum sections of 40x115mm for bottom rail & top rails of doors, 40x150mm lock rail and 40x20mm plain for shutters of the sliding window.  or equivalent. |  |
|  | All aluminum section to be anodized in black shade and shall be of **“Jindal/Nalco/ Hindalco**or equivalent.**”.** |  |
| **1.Partition** |  |  |
| **2.Door** |  |  |
| 3 | **Aluminum Grill** | Aluminum grill of 8- 10 mm dia. rod with 75x75mm mesh DG 202 of **“Jindal/Nalco/Hindalco**or equivalent.**”** |  |
| 4 | **MDF/Particle Board** | 12 mm thick both side laminated “**Greenlam /Archidlam /Century**or equivalent.**”** with Ivory/ Beige shade BSL, Interior grade **IS: 12823**. |  |
| 5 | **1.Plywood/ Block Board (BWP/BWR)** | 1)      Phenol bonded, water proof, plywood of all required thickness (6mm,9mm, 12mm, 19mm and 25mm) of  **“Century, Duro, Archid**or equivalent.**”**  conforming to IS: 303, IS: 710 & IS:1659 |  |
| **2. Plywood/ Block Board** | 2)      MRIS: 303. |  |
| 6 | **Wood** | Well-seasoned teak-wood |  |
| 7 | **Moulding & Lipping** | 1st Quality Teak Wood . |  |
| 8 | **Wood Preservative** | **“ASIAN/ NEROLAC/ BERGER/ICI/ DULUX**or equivalent.**”** |  |
| 9 | **Adhesive** | “FEVICOL ( SH)/ PIDILITE or equivalent.” |  |
| 10 | **Glass** | **Plain float glass** “**Modi / Saint Gobain**or equivalent.**”**   of all thickness |  |
| 11 | **Lock/Night Latches** | **“GODREJ/ LINK/HARRISON**or equivalent.**”** |  |
| 12 | **Hydraulic Door closer** | **“DORMA, GODREJ**or equivalent.**”**confirming to IS:3564:1986 |  |
| 13 | **Floor Spring** (Double action 100 kg. -150 kg) | **“GODREJ, DORMA** or equivalent.**”**confirming to IS: 6315:1992 & IS:7197:1972 |  |
| 14 | **Drawer Channel/ Slider** **(Telescopic)** | Sleek computer keyboard slide of required lengh mounting telescopic, steel ball slider STDS series keyboard of **“EARL BIHARI, EBCO, HETTICH, GODREJ** or equivalent.**”.** |  |
| 15 | **Key Board Drawer/Tray** | Ready to use, computer keyboard tray KBT series keyboard **of “EARL BIHARI , EBCO, HETTICH, GODREJ** or equivalent.**”.** |  |
| 16 | **Hard ware** | All the necessary hardware shall be of ISI marked with best quality/ and as per Bank’s approval. |  |
| 17 | **Teak wood** | Beading and Moulding to be of first quality teak wood. |  |
| 18 | **Paint** | 1.Acrylic paint/ Luster Paint:- **“ROYALE, ICI, ASIAN DULUX/NEROLAC** or equivalent.**”** |  |
| Off white, Desert White, Cream | 2.Oil bound distemper:-  **“ROYALE, ICI, ASIAN DULUX/NEROLAC** or equivalent.**”** |  |
|  | 3. Synthetic Enamel Paint:- **“ROYALE, ICI, ASIAN DULUX/NEROLAC** or equivalent.**”** |  |
|  | 4. Texture Paint:- **“WEATHER COAT, EXTERIOR, APEX, SNOCEM, ASIAN** or equivalent.**”** Exterior Crusade 0684 |  |
| 19 | **Flooring** | **1.      Vitrified tiles: - 600x600x (8-10 mm thick) Premium Range                   “NITCO/ MARBONITE/  JOHNSON**or equivalent.” |  |
| **(Off white)** | **2.**Ceramic Tiles**:-“NITCO/ MARBONITE /  JOHNSON** or equivalent.” |  |
|  | 3.      Vinyl Flooring:- 2mm thick **“Royale, LG, ASIAN KRISHNA, ARMSTRONG**or equivalent.**”** |  |
| 20 | **Roller /Venetian Blinds (Off white, Abstract Beige B/O-0002** | **“VISTA, MAC, AUROLUX**or equivalent.**”.** |  |
| 21 | **Chairs with fabric Red and Blue as per Bank’s standardization** | **“GODREJ, METHODEX, FEATHERLITE, DURIAN, WIPRO, AMARDEEP**or equivalent.**”** (High, Mid, Low back and visitors chairs) |  |
| 22 | **Visitors Seating** | Chrome plated Perforated seats OF ABOVE BRANDS |  |
| 3seater  and  2seater |  |
| 23 | **Rubber/ Polyurethane /Tapestry/Leather Foam** | Foam of all thickness of 40-50 density HD U- Foam of **“Dunlop, MM, TATA**or equivalent.**”.** |  |
|  |
| 24 | **Wash Basin** | Vitreous China, conforming to IS: 2556 “**Hindware /Cera /Johnson /Parryware**or equivalent.**”**. |  |
| 25 | **WC** (EWC/Orissa Pan) | Vitreous china, conforming to IS:2556  “**HINDWARE/CERA/JOHNSON/PARRYWARE**or equivalent.**”**. |  |
| 26 | **GI Pipes** | “C”- Class GI pipes, for all the diameters, **“JINDAL, BINDAL, TATA**or equivalent.**”** |  |
| 27 | **Tap & Flush cock** | CP Finish bib cock and pillar cock, flush cock. **“PLUMBER, JENITH,  JAL, JAGUAR, MAC,BELL**or equivalent.**”** |  |
| 28 | **Sink** | Stainless steel sink**. “NIRALI**or equivalent.**”** |  |
| 29 | **Cement** | Best quality, 53 Grade (OPC)- “**ACC, AMBUJA, BINANI, BIRLA** or equivalent. confirming to IS:1489-1976 |  |
| 30 | **Steel** | Hot rolled deformed bars confirming to IS:1139-1966 (Fe-415 HYSD)  “**TATA, Jindal, Rathi SAIL, RINL”** |  |
| 31 | **Aggregates** | Aggregates shall comply with the requirements of IS:383-1970 |  |
| 32 | **Brick Works** | All brick work shall confirm to IS:2212-1962 |  |
| 33 | **Reinforcement Bending and Fixing Works** | Bending and fixing of bars for concrete works shall be as per IS:2502-2009 |  |
|  |
| 34 | **RCC/PCC Works** | All RCC/PCC works shall confirm to IS:456-2000 |  |
| 35 | **Aluminum Composite Panel** | “Alstone / Alucobond /Eurobond or equivalent.” |  |
| 36 | **Modular Work Stations** | **“Godrej, Methodex, Wipro, Shapoorji Paloonji, Featherlite**or equivalent.**”** |  |

**ELECTRICAL**

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| **S. N.** | **Items** | **Make** | **Code** |
| 1 | MCCBs, MCBs, ELCBS, RCCBs, DB, ICTPN, TP, HRC fuse, Change over switch, Switch Fuse Unit | **L&T, Legrand,  Siemens or as equivalent.** | IS: 8828 for MCB  IS:13947 for MCCB  IS:12640 for RCCB  IS:13703 for HRC fuse  IS:13947 for SFU |
| **2** | **FRLS** insulated Elect. Wires Sheathed/ unsheathed, Flexible LT cable, Multi core/single core Cable, Flat cable for submersible pumps | **Finolex, Polycab, RR or as equivalent.** | IS: 694 for PVC cable  1.1 KV GRADE-FRLS |
| 3 | Rotary Switches. Selector Switches | **L&T, GE, ABB, Siemens or as equivalent.** | Relevant IS |
| 4 | Exhaust fan ,Pedestal fans, Ceiling fan | **Crompton, Orient, Usha or as equivalent.** | IS: 374 for ceiling fan  IS: 2312 for Exhaust fan |
| 5 | Electronic Energy Meter | **L&T,HPL, ABB or as equivalent.** | IS:13779/1999 |
| 6 | Central Air Conditioning Plants , Package type plant ,Window/Split AC, Cassette type AC | **Toshiba, Daikin, Hitachi or as equivalent.** | \*Only 3 star and above rating in Window/Split/Cassette AC |
| 7 | Electrical accessories Modular -switch, Plugs sockets, ceiling rose, Angle holder, holders | **Crabtree, MK, Legrand or as equivalent.** | IS: 3854 for switches  IS: 1293 for plugs& sockets  IS: 371 for ceiling rose  IS: 1258 for lamp holder Bakelite |
| 8 | Bell Buzzer | **Anchor, Cona, Leader or as equivalent.** | IS:2268 |
| 9 | Electronic fan regulator | **Crabtree, MK, Legrand or as equivalent.** | IS:11037 |
| 10 | PVC Conduit pipe & Casing -capping for electrical wiring | **AKG, Setia, BEC (ISI) 2 mm thick or as equivalent.** | IS:9537/93 |
| 11 | Current Transformer | **Siemens, L&T, Schneider or as equivalent.** | IS: 2705 |
| 12 | Relays | **Siemens, L&T, ABB, BHEL, GE or as equivalent.** | IS: 3231/65 |
| 13 | Data Cable | **D Link or as equivalent.** | (With 15 years certification) |
| 14 | Light Fittings | **LED – Philips/Osram or as equivalent.** |  |
| 15 | Telephone Cable | **Delton, Finolex, National or as equivalent.** | (Conductor dia – 0.61 sqmm) |
| 16 | Industrial Socket with box | **MDS Legrand – 32 amp / Hager L&T or as equivalent.** |  |
| 17 | Changeover Switches | **Havells – On Load (Euro Load) or as equivalent.** |  |
| 18 | Panel Board | **16 swg CRCA sheet steel** | Fabricated and vermin proof and dust proof with necessary stiffners  with indicators of Tele mechenique / L&T and Input/ Output Volt & Ampere Meter |

**SPECIFICATION OF WORKMANSHIP: -**

1)      All the exposed surfaces (that come in first sight or in direct vision) such as top/ front/ sides of counter, table etc. shall be covered with laminates/ tapes/border.

2)      All the hidden exposed surfaces (that does not come in first sight or in direct vision) shall be finished with 0.8 mm thick laminate of Green lam/ Archidlam / Sunmica/ Formica and there shall be no putty, primer or any oil bonded synthetic enamel paint in these areas.

3)      All the exposed edges and corners of plywood of 12mm & 18mm shall be protected by nailing wooden beads/border of required size.

4)      All the wooden beading/batons shall be finished with high-class sprit polish in natural shade.

5)      All the exposed edges and corners of furniture shall be comfortably and smoothly chamfered/ rounded off to avoid any sharp and pointed ends.

6)      A good surface preparation shall be done prior to applying primer/putty/paint/polish either on walls, ceiling or on furniture.

7)      All the finishing shall be done with due care & perfection so that final quality/look/appearance/glare/shine achieved is of the required standard and satisfaction.

8)      All the operative units/members of items, fixed hardware/ fittings/ fixture etc. such as locks, levers, hinges, door closures, latches etc. shall be adequately smooth and well in operation/performance at the time of handing over work/site to the Bank.

Name, Signature of the Auth. Signatory, with date, company/firm’s stamp