

TECHNICAL SPECIFICATION SHEET

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FOR

Resident Co-ordinator's OFFICE

TECHNICAL SPECIFICATION FOR FALSE CEILING

1. Gypsum Board False Ceiling

- Gypsum board Core shall be regular gypsum core
- Gypsum board Overall thickness shall be 12mm thick
- Surface Paper: 100 percent recycled content paper on front, back and long edges
- Gypsum board Long edges shall be Squared or tapered
- Fiber tape shall be used at the joints of minimum 50mm wide
- Ready mix joint compound shall be used
- GI frames with suspension hangers shall be placed with spacing no larger than 300 mm

2. Mineral Fiber Acoustic Suspended Ceiling

- Mineral Fiber Acoustic Suspended ceiling shall be of size 595mm x 595mm beveled tegular edged
- Mineral Fiber Acoustic Suspended ceiling Overall thickness shall be 14mm thick
- Mineral Fiber Acoustic Suspended ceiling board should have Noise Reduction Coefficient (NRC value) = 0.5, Humidity Resistance (RH) of 95%
- Mineral Fiber Acoustic Suspended ceiling board all edges shall be beveled or tapered
- Ceiling to be hanged on Silhoutte profile grid system with face profile 15mm, hot dipped galvanized steel
- Silhoutte profile grid need to be installed with Suspension system

3. WPC Baffles Ceiling

- WPC Baffle shall be made of mixture of wood dust & poly ethylene mainly.
- Colour shall be of wooden texture
- Size shall be 40mm x 100 mm (W x H) & shall have 100mm Gap, Including all accessories such as hanging arrangement, screws and other accessories
- All suspended hanger, clips, unigrd channel shall be Galvanised mild steel
- Installation shall be done as per manufacturer's specification
- Shall have dimensional stability, longevity resistance to rot and crack, Stable over a wide temperature range, weather resistant, Moisture resistant, low flame spread, High impact resistant, Outstanding screw and nail retention, Environmentally friendly, recyclable and Contains no toxic chemicals or preservatives
- Color of Baffle shall be approved prior to installation

TECHNICAL SPECIFICATION FOR COLUMN CLADDING & PARTITION

1. Column Cladding

- Cladding shall be 1/2" thk with designed laminate(Century Mica/Green Lam/ Merinolam) finish on all sides over 12mm ply (Surya/Sagun/Greenboard/Duro) with necessary packing for line level installation

2. Partition Low Height & full Height

- Partition shall be 3" thk with designed 1mm thick laminate(Century Mica/Green Lam/ Merinolam) finish on both sides over 12mm ply (Surya/Sagun/ Greenboard /Duro) fixed on haldu or pine wood frame work of 2"x2" sections
- The partition shall have necessary openings for door/windows all complete as per design drawing.
- There shall be separate slots for passage of data and electrical wires
- Glass shall be **8mm toughened** clear edge polished glass with frosted sticker.
- Smooth, seasoned Pinewood batten shall be used for fixing glass on partition along with proper silicon sealing & capping on top, open sides of low height partition.
- Size of capping on low height partition 3" x 3/4" as per design & lacquer finished clear polish on wooden capping

3. Wooden Glazed Door

- Door shall be 35mm thick with designed 1mm thick laminate (Century Mica/Green Lam/ Merinolam) finish on both sides
- Design & Dimension as per drawing details attached
- Glass shall be 8mm toughened clear edge polished glass with frosted sticker.
- 3 nos. of SS normal hinge to be used
- Mortise Lock of good company to be used
- Hydraulic Door closer of good company to be used

4. Wooden Skirting

- Smooth, seasoned Pinewood skirting of 3" height & 1/2 "thick
- Lacquer finished clear polish on wooden skirting with proper sanding

TECHNICAL SPECIFICATION FOR Toughen Glass Swing door

- Glass shall be clear 12mm toughened
- Dimension as per drawing details attached
- Lock to be used, Patch Lock type Patch lock with strike box for full height double door, suitable for 12mm glass
- Door Handle rectangular section pull handle with back to back installation on glass with gaskets to prevent the contact between glass & metal.
- Hinge, Lock & Handle shall be made of High quality SS material with high operational values

TECHNICAL SPECIFICATION FOR FURNITURE

1. Executive & Staff Working Tables

Work Top:

- 25mm thick Pre-laminated MDF board
- Work top size as per the drawing
- Color of work top shall be approved prior to fabrication
- Work top shall have both side laminated
- Work top edge shall be provided with machine pressed 2mm thick PVC lipping/ edge binding
- Table top shall have 8" x 1 ½" cutout for cable routing.

Front & Side panels:

- 18mm thick Pre-laminated MDF board
- Color of front & sides shall be approved prior to fabrication
- Front & sides shall have both side laminated
- Front & sides edge shall be provided with machine pressed 2mm thick PVC lipping/ edge binding

2. Three Drawer Pedestal

- Three drawer pedestal shall be of 18mm thick Pre-laminated MDF board with both side laminated & machine pressed 2mm thick PVC lipping/ edge binding
- Pedestal shall have adjustable wheel mounted on it
- Drawers shall be of 3 equal size drawer duly fixed under the work surface
- Drawers shall have channel arrangement for smooth operation, with best quality stainless steel profile handle and latest technology locking system as per drawing

3. Storage Cabinet

- Storage shall be of Pre-laminated MDF board, Top 25mm thick, sides 18mm thick and back 12mm thick having best quality stainless steel handle and latest technology locking system as per drawing
- It should have one adjustable shelf for effective space utilization
- Doors per unit shall be as per drawing
- All edges shall be provided with machine pressed 2mm thick PVC lipping/ edge binding

4. Planter Box

Structure:

- Planter box shall be of 19mm thick Ply/ board with GI sheet at base of planter vase placement position to avoid water dropping off
- Planter Box size as per the drawing
- Laminate Color of cabinet shall be approved prior to fabrication (Plain white)
- Planter Box shall have both side laminated
- Outer sides 1mm thick laminates & inner sides 0.8mm thick laminates
- All edge shall be provided with machine pressed minimum 2mm thick PVC lipping/ edge binding

5. Monitor Arm

- Monitor Arm shall be Stable & strong
- Shall provide ability to balance loads between 4 – 18 pounds
- Shall have Integrated wire management from monitor to worksurface
- Shall provide swivel & tilt adjustability for the monitor
- 12 inches of counterweight focal height adjustment
- 20 inches of focal depth adjustment
- Custom hub height of 6 inches to promote maximum user adjustability
- Angled arm designed to accommodate petite and large stature users
- Supported with desk-edge, bolt-through, grommet and Accessory Element

6. Staff Chairs

- High back rest ergonomically designed revolving chairs
- Adjustable lumbar support
- Two way adjustable armrest
- Chairs should have a hydraulic gas-lift for seat height adjustment.
- Superior multi lock tilt mechanism (push-back mechanism)
- Fabric shall be fire retardant.
- Seat should be foam-cushioned
- Back should be mesh
- Chair base should be of Steel base with 5 prong base

7. Visitor Chairs

- Medium back rest ergonomically designed fixed base chairs
- Back should have lumbar support
- Fabric shall be fire retardant.
- Seat should be foam-cushioned
- Back should be mesh
- Chair should have Steel base with nylon base boot (for protection against floor scratching)

TECHNICAL SPECIFICATION FOR WINDOW BLINDS (Roller)

- Window blinds system shall be a chain operated roller system utilizing a bidirectional, wrap spring clutch
- Shall be capable of smoothly raising and lowering the blind to any desired height, and maintaining that height with no slippage
- The clutch shall be nylon construction and available in White.
- End plug shall be a spring loaded for easier installation
- Universal mounting brackets must be capable of mounting inside, outside, or to the ceiling, with the clutch on either the right or left end of the roller.
- Roller tube shall be extruded aluminium
- Fabric shall be attached to the tube with an adhesive strip
- A minimum of one turn of fabric must be placed on the roller before the working section of fabric starts
- Fabric used shall be fire retardant
- Screen fabric for office area
- Fabric sample shall be approved prior to fabrication

TECHNICAL SPECIFICATION FOR FLOORING

Pre-laminated Wooden Parquet Floor:

- Pre-laminated wooden flooring
- High pressure laminated for high foot traffic area
- Total Thickness 8mm
- Tongue & Groove Locking system, without using glue
- Matt lacquer finished
- Fade resistant
- Termite Resistant
- Water Resistant
- Micro Beveled edge
- Single stripped pattern
- Footfall noise level less than 20dB
- 10 years minimum warranty
- Backing foam 3mm






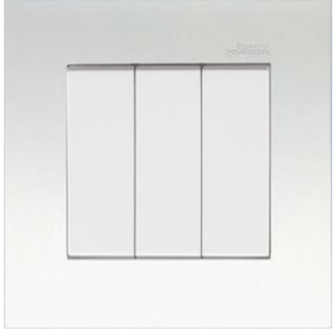



LIST OF APPROVED MAKES

General Specifications for Interior Works

S.No.	Material	Make
1	Ply/ Board	Surya, Sagun, Greenboard, Duro
2	Prelaminated MDF Board	Tesa, Green Panelmax
3	Laminates (1mm)	Greenlam, Century, Merinolam
4	Hardware	Hettich, Dorma, Godrej, Haffle
5	Gypsum Board	Boral, Elephant
6	WPC Baffles Ceiling	Armstrong, Rucca
7	Mineral Fiber Acoustic Suspended Ceiling	Armstrong
8	Pre-Laminated Parquet Flooring	Tesa, Krono Swiss
9	Window Blinds	Vista
10	Paints	Asian, Berger
11	Wall Putty	JK, Asian
12	Switches/ Sockets	Schneider
13	Lights	Wipro, Phillips, Bajaj
14	MCB, MCCB	Schneider, Havells
15	Chairs	Featherlite

Note: The shade/colour/texture/pattern of all the materials will be selected by the Designer /Employer and the samples shall be produce by the Contractor for selection.

SAMPLE OF ITEMS

<p>Door Lock</p> 	<p>Door Closer</p> 	<p>Monitor Arm</p> 
<p>Socket</p> 	<p>Popup Box</p> 	<p>Switches</p> 
<p>Glass Door Lock with strike box</p> 	<p>Glass Door Lock with strike Plate</p> 	<p>Chairs</p> 

Note: Above pictures of items are only sample provided by the Designer for contractor to understand the items and the proposed samples shall be produce by the Contractor for selection.