

- Item No. 1** Providing and placing Wooden VISITOR CHAIR (HOF - orient arm wooden chair / Equivalent Make) of Wooden frame structure of approved shape using high density U foam covering good quality of tapestry cloth on seat back as per requirement and the job as per design /drawing and shall get approved from engineer in charge



**Item No. 2** Providing and placing Wooden VISITOR CHAIR (HOF-Epic beige PU / Equivalent Make) of Wooden frame structure of approved shape using high density U foam covering good quality of tapestry cloth on seat back as per requirement and the job as per design /drawing and shall get approved from engineer in charge



**Item No. 3** Providing and placing Centre Wooden (HOF-227 A / Equivalent Make) Rectangular Table With round edge 12mm thick transparent table top glass as per requirement and the job as per design /drawing and shall get approved from engineer in charge



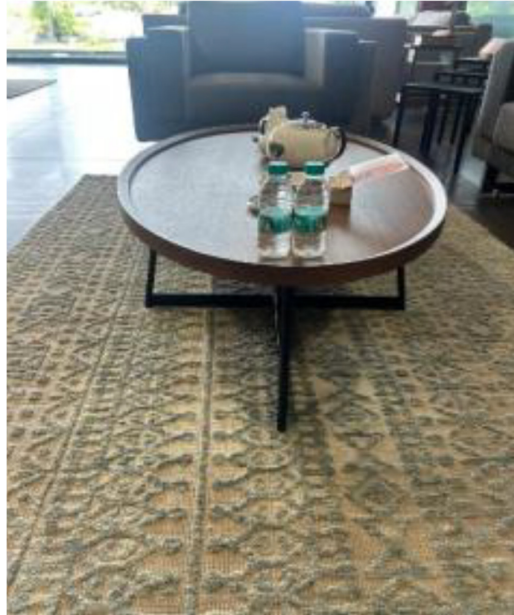
- Item No. 4** Providing and supplying THREE seater OFFICE SOFA with Premium Fabric material and wood polish (HOF VERO-3 series / Equivalent Make) etc comp as per requirement and the job as per design /drawing and shall get approved from engineer in charge



- Item No. 5** Providing and supplying TWO seater OFFICE SOFA with Premium Fabric material and wood polish (HOF VERO -2 series / Equivalent Make) etc comp as per requirement and the job as per design /drawing and shall get approved from engineer in charge



- Item No. 6** Providing and placing Centre Wooden (HOF / Equivalent Make) Round Table With 12mm thick transparent table top glass as per requirement and the job as per design /drawing and shall get approved from engineer in charge



**Item No. 7** Providing and placing Centre Wooden (HOF-307 A / Equivalent Make) Round Coffee Table with 12mm thick transparent table top glass as per requirement and the job as per design /drawing and shall get approved from engineer in charge



- Item No. 8** Providing and supplying (HOF Ventis / Equivalent Make) Make REVOLVING premium Executive Revolving Chair (HIGH BACK) including Aluminum Alloy Base with knee tilt synchro mechanism with Adjustable Armrests, single position back lock, seat and back, made from high density U -foam, arms, S.S. pipe with PU pad etc comp as per requirement and the job as per design /drawing and shall get approved from engineer in charge.





- Item No. 9** Providing and placing Wooden Glider (HOF M68+M68 P1 Rocking Chair / Equivalent Make) of Wooden frame structure of approved shape using high density U foam covering good quality of tapestry cloth on seat back as per requirement and the job as per design /drawing and shall get approved from engineer in charge



**Item No. 10** Providing and fixing Wooden tiles flooring using 8 MM thick Wooden tiles of Std. company including fixing with necessary solution for all floors.

### **1.0 MATERIAL**

- Teak wood shall confirm to M-29.
- 8mm thick Plywood should conform to IS Standard

### **2.0 WORKMANSHIP**

- 2.1 The whole work carried out as per detailed drawing and as per mentioned in description.
- 2.2 Wooden flooring using 8 MM thick shall be properly jointed and fixed exactly at right angle.
- 2.3 The size of wooden members shall be as per directed by Engineer-in-charge.
- 2.4 Wooden flooring also including distmental of existing tiles flooring with all lead and lift.

### **3.0 MODE OF MEASUREMENT AND PAYMENT:-**

- 3.1 The rate shall be considered for consolidated item includes all labour, materials. fixtures, Hardware etc complete the work as per instruction joineries ect. To complete the work as per instruction of engineer.
- 3.2 The work done shall be measured in Sq.mt. for visible area of work done. The length of width of the flooring shall be measured not between the faces of skirting or dedo or plastered face of wall as the case may be. The paving under dedo or skirting shall not be measured. No deduction shall be made not extra paid for any opening in the floor of area upto 0.1 Sqmt. Nothing extra shall be paid for laying the floors at different levels in the same rooms.
- 3.3 The rate shall be for a unit of one sq.meter.

**Item No. 11** Providing supplying and laying wooden partition with one side 12 mm thick marine water proof plywood and other side 8 mm thick marine water proof plywood with framing of 50 x 37.50 mm thick aluminium pipe with 600 mm distance horizontal and vertical both way with 1 mm premium lamination sheet with require all labour, material and fixture etc. complete

**1.00 Materials :**

- Plywood shall conform to M-37,
- Aluminium section shall confirm to M-31
- 1 mm thick decorative confirm to M-39 lamination sheet of premium quality I.S. standard.
- Wooden shall be confirm to M-29 of General Technical Specification for Building Works book-let, adhesive shall confirm to standard quality.
- Fixtures and fastening shall confirm to M-43.

**2.00 Workmanship :**

Wooden partition with one side 12mm thick weatherproof plywood and other side 8mm thick marine water proof plywood with framing of 50 x 37.50mm thick aluminum pipe, All angles and edges of the partition shall be line, square and free from chipping and giving a plane surface. The thickness shall be as specified in the item.

- 2.1 The wooden partition with one side 12mm thick weatherproof plywood and other side 8mm thick marine water proof plywood with framing of 50 x 37.50mm thick aluminum pipe, so prepared shall be fixed by providing necessary grooves fixing shall be done at required distance or as directed by the Engineer in charge. The fixing shall be carried out with white cement as directed by the Engineer-in-charge. The slab shall be washed clean before fixing. The wooden partition shall be fixed in level. The finished surface shall be true to level and slope as directed.

**3.0 Mode of measurement :**

- 3.1 The rate shall include the cost of all materials and labour involved in all operation. The marble stone shall be measured correct to a centimeter and between the finished work.
- 3.2 The payment shall be made on one Sqm. basis.

**Item No. 12** Providing and supplying Office Rectangular Metal (Powder coated) Cupboard (Godrej/ Equivalent Make) 1980mm Height X 900mm width and 2 door, 4 shelves with necessary stainless steel fitting and hinges, with key Lock etc comp design approved by Engineer-in-charge.

Office Rectangular Metal (Powder coated) Cupboard (Godrej/ Equivalent Make) 1980mm Height X 900mm width and 2 door, 4 shelves with necessary stainless steel fitting and hinges, with key Lock etc comp design approved by Engineer-in-charge.

### **3.0 MODE OF MEASUREMENT**

The rate shall be consider cutting the glass, polishing of glass edges etc. the rate shall be for unit of No.

**Item No. 13** Providing and fixing wall paper of premium quality acrylic coated two to three layers material, pretreated, non woven, washable and strippable, PVC base material including fixing the wall paper with glue as directed by Engineer-in-charge.

## **1.0 MATERIAL**

- Wall paper of premium quality acrylic coated two to three layers

## **2.0 WORKMANSHIP**

2.5 The whole work carried out as per detailed drawing and as per mentioned in description.

2.6 wall paper of premium quality acrylic coated two to three layers  
Material shall be properly jointed and fixed exactly at right angle.

2.7 wall paper of premium quality acrylic coated two to three layers  
material, pretreated, non woven, washable and strippable, PVC  
base material including fixing the wall paper with glue as  
directed by Engineer-in-charge.

wall paper also including distmental of existing single layer with all lead and lift.

**Item No. 14** Providing and fixing BOX type cupboard of size 450mm depth with using 18mm thick plywood in outer frame, shutter and shelves with both side laminated with 1mm thick decorative laminate sheet with necessary hardware materials like S.S. hinges handles and other fixture and fastening etc. complete or as directed.

### **1.0 MATERIALS**

- 1 18mm thick MDF sheet
- 2 Decorative laminated sheet 1mm thick

### **2.0 Workmanship**

The modular wooden box type cup board shall be of size 1800 x 900 x 450mm clear depth. The work of cup board shall be carried out using 19mm thick MDF sheet with both side 1mm thick decorative both side laminated sheet.

The shelves in the cup board and shutters shall be as per the design approved by the Engineer-in-charge.

Necessary hardware materials like hinges, handles and other fixtures and fastening shall be stainless steel. The fixtures and fastening shall be provided as per the instruction of Engineer-in-charge.

### **3.0 MODE OF MEASUREMENT AND PAYMENT**

Payment shall be done on finished measured complete work in Sqmt basis.

**Item No. 15** Providing and Fixing table top premium quality acrylic coated two to three layers material, pretreated, non woven, washable and strippable, PVC base material including fixing On table as design by Engineer - in - charge.

### **1.0 MATERIAL**

- Table top premium quality acrylic coated shall be confirm to M-38 as per General Specification of building work.

### **2.0 WORKMANSHIP**

Fixing table top premium quality acrylic coated two to three layers material, pretreated, non woven, washable and strippable, PVC base material including fixing On table as design by Engineer - in - charge.

### **3.0 MODE OF MEASUREMENT**

The rate shall be consider cutting the glass, polishing of glass edges etc. the rate shall be for unit of Sqmt.

**Item No. 16** Providing and placing Wooden Foot rest (42.5L x 12.5W x 29.5H CM) with Wooden frame structure as per requirement and the job as per design /drawing and shall get approved from engineer in charge

- This foot rest shall made from Wooden
- The overall size of foot rest must be 42.5L x 12.5W x 29.5H
- The angular movement of foot rest shall be  $0^0$  to  $20^0$
- The surface shall be texture or coarse with no slippery surface.
- Make EBCO or equivalent

**Rate of Measurement**

- This item shall be measured and pain in terms of unit number.

The rate shall include all labour, material, accessories etc. with all lead and lift.



**Item No. 17** Providing and supplying Providing and supplying Two Seater Sleeper, 53.5" W 83" L Convertible Sofa Bed Couch Futon Couches with Premium Fabric material etc comp as per requirement and the job as per design /drawing and shall get approved from engineer in charge

Two Seater Sleeper, 53.5" W 83" L Convertible Sofa Bed Couch Futon Couches with Premium Fabric material etc comp as per requirement and the job as per design /drawing and shall get approved from engineer in charge

The rate shall be for unit of No.

**Item No. 18** Providing and supplying of 12mm thick clear glass of table top and with polishing edge as design by Engineer - in - charge.

**1.0 MATERIAL**

- Glass shall be confirm to M-38 as per General Specification of building work.

**2.0 WORKMANSHIP**

The 12 mm thick clear glass table top shall be best quality. The glass shall be freefrom, specks, bubbles, smokes, veins, airholes, blisters and other defacts. The 12mm thick clear glass table tope shall be used as per item description. The thickness of glass panel shall be uniform. The cutting, polishing of edges of table top perfectly in true line.

**3.0 MODE OF MEASUREMENT**

The rate shall be consider cutting the glass, polishing of glass edges etc. the rate shall be for unit of Sqmt.

**Item No. 19** Providing, Supplying and Fixing in Position Roller Blind as per instruction of Engineer-in-Charge. The Fabric shall be Woven using either Polyester or Fibre Glass Materials. The selection of Fabric Category i.e. Privacy / Black Out or Sheer Shade shall be done by EIC.

### **1.0 MATERIAL**

The roller blind curtain shall be standard stainless steel as per the instruction of Engineer-in-charge.

### **2.0 WORKMANSHIP**

Roller Blind as per instruction of Engineer-in-Charge. The Fabric shall be Woven using either Polyester or Fibre Glass Materials. The selection of Fabric Category i.e. Privacy / Black Out or Sheer Shade shall be done by EIC

### **3.0 MODE OF MEASUREMENT AND PAYMENT**

The payment shall be made on Sqmt basis

**Item No. 20** Providing and Fixing Prepainted galvanized coated steel roof sheet semi corrugated (JSW) in salted colour having 0.50 MM thick & 6.00 MM thick insulation layer including fixing with SDS Screw to structural steel etc. complete as per instruction (Jindal or Eq. Made) of Engineer in Charge (Structural Sheet Shall be Paid Separately)

**The pre-painted galvanized coated galvanized coated sheet for roof shall be fixed, the shade and colour of galvanized coated sheet shall be got approved from in Engineer-in-charge before fixing.**

### **1.0. Materials :-**

Pre-painted Galvanized sheets shall conform to relevant I.S. specifications.

### **2.0. Materials :-**

**2.1** Spacing of purlines : One purlin shall be provided at the ridge and one at the eaves. The spacing of other purlines for 0.5 mm, thick Pre-printed G.I. sheet colour shall not exceed 1.80 meters. The purlin shall coincide with the centre line of the end lap. The ridges purlins shall be placed in such a way that the ridges can be fixed properly. The portion over hanging the wall support shall not be more than one fourth of one spacing of purlings.

**2.2.** The top surface of the purlins shall be painted before Galvanized coated sheets are fixed over them. Embedded portion of purlins shall be finished with two coats of coal-tar.

### **2.3. Laying of Sheets :-**

**2.3.1** Galvanized coated sheets shall be laid in purlins to a true plane with the line

**of selted colour having 00.60mm and 6mm thick insulation layer including fixing with SDS screws to structural steel truly parallel or normal to the sides of area to be covered. Galvanized coated sheets shall not generally be built into gables and parapets. They shall be bent up**

along their side edges close to the wall and the junction shall be protected by suitable flushing or by projecting drip course.

**2.3.2.** The laps at end shall be provided 150 mm, minimum for roof slopes 1 in 2 (1 vertical :2 horizontal) and steeper but 200 mm, shall be provided of flatted slopes than those above. The side lap shall be provided two ridges of corrugations at each side.

**2.3.3.** Galvanized coated sheet shall be cut to the dimension of the shape of the roof either along their lengths or their width or in slant across the line of corrugations at hips and valleys. Galvanized coated sheets shall be cut carefully with a straight edge and chisel to give a straight finish. Galvanized coated sheets shall be laid such that the laps are turned away from the usual direction of local

**2.3.4. Fixing of Sheets :-**

**2.3.4.1.** Sheets shall be fixed to the purlins or other roof members such as hips of valley rafter etc. with 'J' or 'L' galvanized hook bolts, and **SDS screws** with bitumen impet washers and G.I. washers. Limpet washers with white lead shall be used. Length of hook bolt shall be varied to suit the site requirement. Bolts shall be sufficiently long so that after fixing the project above the top of their nuts by not less than 12 mm. the grip of 'J' or 'L' hook bolts on the side of purlins shall not be shall than 25 mm. There shall be minimum of three hooks bolts placed at the ridge of corrugations in each sheets in every purlin, and their spacing shall not exceed 300 mm. coach screw shall not be used for fixing Galvanized coated sheets purlins, where the slopes of roof are not less than 2 % horizontal). (1 vertical :2 horizontal). Sheets shall be jointed together at the side laps by galvanized iron bolts and nuts 25 mm. x 6 mm. size, each bolt with a bitumen and G.I. limpet washer filled with white lead. Where the overlaps at the sides extend to two corrugations these bolts shall be placed zig-zag over the two over lapping corrugations, so that

the ends of the overlapping sheets are drawn tightly towards each other.

The spacing of same bolts shall not exceed 600mm. along each of the

- 2.3.5.** Holes for all bolts shall be drilled and not punched in the ridges of the corrugations from the under side, while Galvanized coated sheets are on the ground. The holes in Galvanized coated sheets shall be atleast 50 mm, from the edge. Sheets drilled wrongly shall be rejected. The holes in the washers shall be of the exact diameter of hook, bolts or the seam bolts. The nuts shall be tightened from above to give a leak-proof roof

- 2.3.6.** The roof when complete shall be true to lines and slopes and shall be lead-proof

### **3.0. MODE OF MEASUREMENTS :-**

- 3.1.** The measurements of the **Galvanized coated sheet** roof shall be taken for finished work in superficial area in general plane (not girthed on the roof). The laps between the **Galvanized coated sheet** sheets both at their ends and along the side edges shall not be measured. The overlaps of **Galvanized coated sheet** over the valley pieces and their under lap under the ridge, hip and flashing pieces shall be included in the measurements.

The unit rate of payment of this item shall be per 1-Sqm. of complete item excluding the cost of structural steel but including cost of sheet, its attachment, SDS screw, fixtures and fastening, all labour charges, cost of 12nls and plants and all lead and lift as directed.

- 3.2.** No deduction in measurements shall be made for openings for chimney stacks, sky light etc., of area upto 0.40 sq. mt. nor extra be paid for extra labour in cutting and for wastage etc., in forming such openings
- 3.3.** The rate of roof shall include tile cost of all materials and labour involved in all operations described above. The rate also includes the cost of provision. erection and removal of tile scaffolding. benching, lad- templates and tools required for the proper erection and completion of the work. The rate Includes the cost of purlines, rafters and trusses.
- 3.4.** The rate shall be for a unit of one sq. metre.

**Item No. 26** Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M.

### **32.0 Materials**

M.S. sliding shutters shall be fabricated of M.S. component as given in the description of item. M.S. sheets 1 mm. thick shall be fixed to the frame with rivets or welds as approved. The shutters shall be provided with top and bottom guide rails of angels or T-iron at-, specified and 25 mm. dia. steel pulleys at the top. The frame shall be reveitted and/or welded and wherever revetting shall be done 3.15 mm. gusset plates shall be provided at the junctions.

**32.1.** The rolling shutters shall conform to I.S. 6248-19-19. Rolling shutters shall be supplied of specified type with accessories. The size of the rolling shutters shall be specified-in the drawings. The shutter shall be constructed with interlocking lath sections formed from cold rolled steel strips not less than 0.9 mm. thick and 80 mm. wide for shutters upto 3.5 mm., width not less than 1.25 min. thick and 80 mm. wide for shutters 3.5 mm in width and above unless otherwise specified.

**32.2.** Guide channels shall be of mild steel deep channel section and of rolled pressed or built up (fabricated) joint less construction. The thickness of sheet used shall not be less than 3.15 mm.

**32.3.** Hood covers shall be made of M.S. Sheets not less than 0.92 mm. thickness. For shutters having, width 3.5 Meter and above, the thickness of M.S. Sheet for the hood cover shall be not less than 1.25 mm.

**32.4.** The spring shall be of best quality and shall be manufactured from tested high tensile spring steel wire or strip of adequate strength to balance the shutters in all position. The spring pipe shaft etc. shall be supported on strong M.S. or, malleable C.I. brackets. The brackets **shall** be fixed on or under the lintel as specified with raw plugs and screws bolts etc.

**32.5.** The rolling shutters shall be of self rolling type up to 8 Sq. in. clear area without ball bearing and up to 12 Sq.m clear area with ball bearing. If the rolling shutters are larger, then gear operated type shutters shall be used.

**32.6.** The locking arrangement shall be provided at the bottom of shutter at both ends. The shutters shall be opened from outside.

**32.7.** The shutters shall be completed with door suspension shafts, locking arrangements, pulling hooks, handles and other accessories.

**2.0. Workmanship:**

**2.1.** The shutters shall be single or double leaf shutters as specified. The guide rails shall be sufficiently long and continued along the wall on both ends so that the sliding shutters can rest against walls, leaving full opening when so required.

**2.2.** The guide rails shall be fixed to the floor by means of anchor bolts embedded in the cement concrete floor. The steel section at the top shall be suitably supported from the walls. Two channel sections shall be suitably fixed vertically below the extreme clamps in the wall and floor to avoid the shutters from going out of the supports at the top and bottom. A suitable clamping arrangement will be provided at either end of the opening to avoid the shutters from rolling back into opening.

**2.3.** All the adjoining work damaged while fixing shall be made good to match the existing work.

**2.4.** All members of the sliding shutter including T-iron shall be thoroughly cleaned of rust, scales, dust etc. and given a priming coat of red lead before fixing them in position.

**3.0. Mode of measurements & payment:**

**3.1.** The sliding doors shall be measured in sq. metre. The height of the shutters shall be measured from outside to cut of the guide rail and width outside to outside of shutters including vertical channels in side.

The rate includes providing handles, stoppers and locking arrangements etc. complete.

**3.2.** The rate shall be for unit of one sq. metre.



**Item No. 27** Providing and fixing 19MM thick commercial plywood shutter using teak wood beading 1-MM thick lamination sheet as approved by Engineer-in-Charge. On front side including oil paint to C.B. shutter back side shutter beading and frame of door, necessary fixture and fastening and including finishing of the existing wall surface with colour touching matching with all labour and material etc. complete.

## **1.0 MATERIALS**

- 1.01 19 mm thick commercial plywood shall conform to M-37. of approved brand and quality of ISI mark for C.B. work
- 1.02 Teak wood beading shall conform to M-29.
- 1.03 1 MM thick lamination sheet of approved brand and quality of ISI make.
- 1.04 Oil paint shall conform to M-44 of approved brand and quality
- 1.05 Fixtures and fastenings shall conform to M-43.

The fixture and fastening like M.S. or S.S> hinges. Handle, stopper, magnet catchments fasteners lock etc. as specified in item or its specification. The fixtures and fastenings shall be medium type bright and smooth finished. The sample of fixtures and fastenings shall be got approved as regards quality and shape before execution of work.

- 1.06 Adhesive shall be approved brand and quality.

## **2.0 WORKMANSHIP**

The shutter shall be made of 19mm thick commercial plywood as directed by Engineer-in-charge. 1 mm thick lamination sheet shall be fixed on front side of plywood shutter of cupboard by necessary adhesive all four side (edge) shall covered by teak wood beading. The fixtures and fastenings like iron hinges, stopper, stainless steel decorative type handle, magnet, lock fixing shall be fixed to necessary in cupboard shutter or directed by Engineer-in-charge. Oil paint shall be provided on back side of C.B. frame shutter and beading in two coats of oil paint including priming coat before preparing the surface smooth even for the same oil painting shall be carried out as per General Technical Specification item of 19.59C & 19.71 shall be followed. Existing C.B. shutter shall be disposed.

## **3.0 MODE OF MEASUREMENT AND PAYMENTS.**

The rate shall be paid for a unit for complete item of labour and required materials in Sqmt basis.