






**Additional Terms & Conditions**

- 1) Bidder must be principal OEM or their Authorized vendors. Bidder must submit bid specific OEM authorization along with technical bid.
- 2) Bidder/OEM must be ISO 9001: 2015, ISO 14001: 2015, ISO 45001: 2018, ISO 50001:2018 (For Design, Development, Manufacturing, and Marketing & Sale of Furniture items) and the certifying agency must be accredited by NABCB.
- 3) Bidder/OEM must be member of BIFMA. Valid certificate to be attached with technical bid.
- 4) The firm should have valid AIOTA certificate.
- 5) The bidder / OEM should not be debarred/ restrained/ blacklisted by any Central Govt. / State Govt. agency/Autonomous body of the Central or State Govt./PSU/ any university or Institute etc. during last 03 financial years (2022-23, 2023-24 & 2024-25). Affidavit on non-judicial stamp paper by Bidder as well as OEM to this effect must be attached with technical bid.
- 6) Bidder to provide in-house test certificates for all the offered products along with the technical bid. Bidder/OEM must submit raw material tests reports.
- 7) The Bidders should submit item wise specifications compliance as given in bid document.
- 8) At least 50% of the Furniture items should be UL Greenguard certified. Valid certificate to be enclosed with technical bid.
- 9) Joint ventures shall not be allowed.
- 10) The Bidder/OEM shall have complete in-house manufacturing facility for steel and wooden furniture /processed woods as required for the products/items mentioned in bid document. The bidder will submit documentary proof of the manufacturing facilities i.e. Factory License, EPF Registration, ESIC Registration, Trade Mark Certificate for relevant categories of the Brand Name, MOA of company, GST Registration etc. In case of Bidder being an Authorized vendor, OEM Documents to be attached along with authority letter from authorized signatory of OEM for submission of docs.
- 11) OEM shall have the documentary evidence of possession of machinery involved in furniture manufacturing, so as to ascertain the capacity of the manufacturer to complete the project in stipulated time.
- 12) The bidder and OEM should not have incurred any loss during the last 3 financial



years ending on 31st March 2024.

- 13) OEM/Bidder/**authorized channel partner** should have registered branch office in Punjab/Chandigarh/Haryana/NCR for prompt service. Documentary proof should be submitted with complete address and contact number.
- 14) Bidder/OEM should have operational toll free number/**helpline/dedicated number** for registering complaints & service support.
- 15) Escalation Matrix for Service Support: Bidder/OEM must provide Escalation Matrix of Telephone numbers for Service Support.
- 16) Experience clause as per GeM bid terms & conditions.
- 17) Past performance, in at least one of the last three FY 2022-23, 2023-24 & 2024-25. The past performance to be considered as 70% of the bid quantity of the primary product with highest bid value i.e. **The Primary product** Workstation 4 seater at S. No. 1 of BOQ. **However all products supplied under category "workstation" should meet this criterion for evaluation of past performance.** Prescribed compliance certificates/documents to be mandatorily submitted by bidder firm along with technical bid".
- 18) The bidder must submit CA certified ITR of last 03 FY.
- 19) The bidder must submit CA certified net worth and profit and loss statements of last 03 FY and submit CA certificate for turnover in last 03 years.
- 20) Warranty of the product should be 01 year followed by free maintenance for 01 (one) year through service camps twice in a year.
- 21) OEM current price catalogue to be submitted along with Technical bid. **OEM declaration for MRP of customized items on the basis of Rate analysis be attached with the technical bid. For rest of the items, under standard product range, OEM current price Catalogue to be submitted along with Technical bid.**
- 22) Integrity pact as per prescribed format to be submitted along with technical bid.
- 23) MII (Make in India) content declaration as per prescribed format to be submitted along with technical bid.
- 24) Rate Reasonability Certification as per prescribed format to be submitted along with technical bid.
- 25) The duration of the PBG/Security deposit should be for 26 months.

*Handwritten signatures and initials at the bottom of the page.*



Revised specification of furniture of Administrative Block & Library Block			
Sr No	Item	Qty	Specification
1	Workstation 4 seater	41	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of workstation 6000 X 1500 X 600 mm with tolerance of <math>\pm 10</math> mm.</li> <li>• The system is modular tile based open plan office system.</li> <li>• It comprises of both side panels as per thickness 52 mm minimum shall be made from aluminium extrusion having material AL96063-T6. All kinds of extrusions for 52 mm minimum shall have average wall thickness of 1.2 mm &amp; having finish of powder coating.</li> <li>• Top trim in 52 mm minimum thick panel shall be press fitted on the horizontal extrusion it shall be slide fitted/Snap Fitted Panels with the help of top trim connector made from PP copolymer 3530 grade/Die Cast End Cap.</li> <li>• The End trim for 52 mm minimum thick panel shall be slide fitted with the help of end trim connector made from 2.0mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>• Fabricated bottom frame for 52 mm minimum shall comprise of L- Channels made of 2mm thick CRCA steel (IS:513), formed plates of 3mm thick HR steel (IS:2062) &amp; ERW steel tube of size 35x15x1.6mm in oval cross section (IS:7138) welded together. This shall be coated with average 50 to 60 micron thickness of epoxy powder coating. This shall be bolted to the uprights with M6 screws.</li> <li>• Combination of top tiles are fabric trackable/white board. Bottom tiles - Plain metal. Fabric trackable tiles shall be upholstered metal tiles in 0.6mm thick G.I. grade O as per IS: 277, with P.E. foam in the tile for traceability.</li> <li>• The fabric shall be upholstered with adhesives. White board tiles shall be made of 8.0 mm thick particle board conforming to IS: 12823 laminated with 0.6mm thick white glossy high pressure laminate on outer side &amp; 0.6mm backing laminate on inner surface and will be having all its edges with minimum 0.5 mm thick PVC edging. Plain Metal tiles shall be powder coated metal tiles in 0.8 mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>• Intermediate blocks are of 52 mm minimum panel's thickness shall comprise of 38mm thick paper honeycomb with 3mm MDF on each sides/Wooden Battens of PLPB with 3 mm MDF on each side and 0.6mm fabric on both sides. Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks will be located in the middle bands of the panels.</li> <li>• Cable duct shall be made from 0.8 mm thick M.S. CRCA Grade D as per IS: 513 - 1994/Aluminium Powder coated race. It is constructed with two parts, one is body &amp; another is cover. It holds the cables &amp; gives aesthetic appearance by covering all cables entry, which are moving upward to the panels. Size of Cable duct is 107mm W X 154 mm H X 21 mm D.</li> <li>• The legs used for supporting panels &amp; worktop. The height of a panel leg shall be 126 mm. Panel legs/Single side legs shall be fabricated by CO2 welding MS Tube of section 38 mm x 25 mm (IS: 7138 ERW Tube) with the base plate of the MS plate of 35x22x5mm (IS: 2062, 5 mm HR) over which an M8 Leveler shall be fitted, which allows for adjustment of the height by 50mm. It will be coated with min. 45 micron thickness of epoxy powder coating.</li> <li>• Work surfaces shall be made of 25mm thick Pre laminated particle board Interior grade of approved shade conforming to IS: 12823. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue.</li> </ul>
2	Mid back chair	180	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Mid Back Chair with overall dimensions of : Width-76mm min, Depth-76 cm min, Height - min 89.0 to max 100 cm. (Minimum) , Seat Height - min 43 to max 54 cm with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat assembly should be made up of 1.2 <math>\pm 0.1</math>cm. thick hot-pressed plywood , upholstered with fabric upholstery covers and moulded Polyurethane foam with seat size 47.0 cm(W) x 48.0 cm. (D).</li> <li>• The back assembly should be made of powder coated (OFT 40-60 microns) tubular frame of 0 2.54 <math>\pm 0.03</math>cm. x 0.2 <math>\pm 0.016</math>cm.thk. MS ERW tube designed with contoured lumbar support for extra comfort. The back should be upholstered using double layer spacer mesh fabric with high tenacity yarn with back size 46 cm (W) x 60 cm (H).</li> <li>• The HR polyurethane foam should be moulded with density =45+/-2 kg/m<sup>3</sup> and hardness load 16 <math>\pm 2</math> kgf for 25% compression.</li> <li>• The one-piece armrests should be injection moulded from black Co-polymer Polypropylene.</li> <li>• The centre tilt mechanism should be designed with the following features: 360° revolving type. 17° <math>\pm 2^\circ</math> maximum tilt on pivot at centre. Upright position locking. Tilt tension adjustment.</li> <li>• The pneumatic height adjustment has an adjustment stroke of 11.0 <math>\pm 0.3</math>cm.</li> <li>• The telescopic bellow assembly should be 3 piece telescopic type and injection moulded in Black Polypropylene.</li> <li>• The pedestal should be injection moulded in black 33% glass-filled Nylon66 and fitted with 5 nos. twin wheel castors. The pedestal should be 66 min <math>\pm 0.5</math>cm. pitch-centre dia. (76 min <math>\pm 1.0</math>cm with castors.)</li> <li>• The twin wheel castors should be injection moulded in black nylon.</li> </ul>
3	Visitor chair	216	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Visitor Chair with overall dimensions of Width &amp; Depth of Chair as measured from pedestal - Width-61.0 cm and Depth-64.0 cm min, Seat Height - 46.0 cm minimum and Height - 93.0 cm minimum with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat assembly should be made up of 1.2 <math>\pm 0.1</math>cm. thick hot-pressed plywood , upholstered with fabric upholstery covers and moulded Polyurethane foam with seat size 47.0 cm. (W) x 48.0 cm. (D)</li> <li>• The back assembly. should be made of powder coated (OFT 40-60 microns) tubular frame of 0 2.54 <math>\pm 0.03</math>cm. x 0.2 <math>\pm 0.016</math>cm.thk. MS ERW tube designed with contoured lumbar support for extra comfort.</li> <li>• The back should be upholstered using double layer spacer mesh fabric with high tenacity yarn with back size 46 cm. (W) x 60 cm. (H)</li> <li>• The HR polyurethane foam should be moulded with density =45+/-2 kg/m<sup>3</sup> and hardness load 16 <math>\pm 2</math> kgf for 25% compression.</li> <li>• The one-piece armrests should be injection moulded from black Co-polymer Polypropylene.</li> <li>• The powder coated (DFT 40-60 microns) tubular frame should be cantilever type &amp; made of <math>\phi 2.54 \pm 0.03</math>cm. x 0.2 <math>\pm 0.016</math>cm thick M.S.E.R.W. Tube.</li> </ul>
4	Almirah	207	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of almirah with overall size Shall be 900 mm(W)x480mm(D)x1980mm(H) with welded construction with with tolerance of <math>\pm 10</math> mm</li> <li>• It should have the shelf thickness of 0.7 mm, Back thickness of 0.8mm, Door thickness of 0.8mm (high yield strength) and all other components shall have a thickness of 0.9mm. These components shall be made of CRCA 'D' grade high yield strength as per IS:513.</li> <li>• It should have a Mazak handle and three way locking mechanism with Shooting Bolts.</li> <li>• It should have a height wise adjustable shelf mounting which shall have a Uniformly Distributed Load Capacity of max 40 Kg.</li> <li>• It should also have a M10 Screw type Leveller with Hex plastic base. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10). Plenty of colour options and shelving options shall be available.</li> <li>• Intermediate blocks for 52 mm panel's thickness shall comprise of 38mm thick paper honeycomb with 3mm MDF on each sides and 0.6mm fabric on both sides.</li> <li>• Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks will be located in the middle bands of the panels.</li> </ul>

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5	Main Table	25	<ul style="list-style-type: none"> <li>Supplying and placing of Main Table &amp; ERU of the following specifications of 2100 Width mm x 1600 Depth mm x 760 Height mm with tolerance of <math>\pm 10</math> mm.</li> <li>The main top shall be of Particle board (Melamine Finish) 1800 x 790 mm.</li> <li>The top shall be 25 mm thick plus 15 mm frame and 2 mm PVC lipping on top. Also there shall be 0.35 mm PVC lipping on frame.</li> <li>The Modesty panel shall be 1100 x 400 x 45 mm thick particle board (Melamine Finish) with 0.35 mm thick PVC lipping.</li> <li>The Drawer Front shall be of size 500 x 170 x 15 mm thick Particle board (Melamine Finish) with 0.35 mm thick PVC lipping.</li> <li>The KBPT shall be 575 W x 280 D x 15 mm with 0.35 mm Thick PVC lipping.</li> <li>The ERU shall have all panels of 16 mm thick Particle board (Melamine Finish).</li> </ul>
6	High back chair	27	<ul style="list-style-type: none"> <li>Providing, supplying and placing of High Back Chair with seat and back assembly.</li> <li>The seat is made up of <math>1.2 \pm 0.1</math> cm thk. hot pressed plywood measured.</li> <li>The Back is made up of injection moulded glass filled nylon &amp; upholstered using Mesh fabric with high tenacity yarn with seat size : 47.0 cm. (W) x 51 cm (D) and back size 45.0 cm. (W) x 65 cm. (H) with tolerance of <math>\pm 1</math> cm.</li> <li>The HR polyurethane seat foam is moulded with density <math>45 \pm 2</math> kg/m<sup>3</sup> and hardness <math>16 \pm 2</math> kgf as per IS:7888 for 25% compression.</li> <li>The adjustable armrest is designed with the following features :Up-Down adjustment- 8 steps (8 <math>\pm 0.5</math> cm range), Height adjustable armrest structure which is Powder Coated &amp; fitted with an armrest top. Fixed Armrest Top is PU moulded over metal insert.</li> <li>The Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pad. Lumbar pad has an adjustment of <math>8.0 \pm 0.5</math> cm in height.</li> <li>The front pivot synchro adjustable tilting mechanism is designed with the following features. 360° revolving type. Single point control. Front-pivot for tilt with feet resting on ground ensuring more comfort. Tilt tension adjustment. 4-position locking with anti-shock feature. Seat/back tilting ratio of 1:2.</li> <li>The pneumatic height adjustment has an adjustment stroke of <math>10.0 \pm 0.3</math> cm.</li> <li>The pedestal is injection moulded in black 30% glass filled nylon and fitted with 5 nos. twin wheel castors. The pedestal pitch centre dia is <math>66 \pm 0.5</math> cm.</li> <li>The twin wheel castors are injection moulded in black Nylon.</li> <li>The Neckrest assembly consist of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric and is fixed to Back Assembly through Neckrest connector. Neckrest assembly has height adjustment of <math>4 \pm 0.5</math> cm and rotation adjustment of overall <math>76^\circ \pm 2^\circ</math>. The complete neckrest assembly is retro fit to the main chair.</li> </ul>
7	Workstation 2 seater	1	<ul style="list-style-type: none"> <li>Providing, supplying and placing of workstation 3000 X 1500 X 600 mm with tolerance of <math>\pm 10</math> mm.</li> <li>The system is modular tile based open plan office system.</li> <li>It comprises of both side panels as per thickness 52.0mm minimum shall be made from aluminium extrusion having material AL96063-T6. All kinds of extrusions for 52.0 mm minimum shall have average wall thickness of 1.2 mm &amp; having finish of powder coating.</li> <li>Top trim in 52.0mm minimum thick panel shall be press fitted on the horizontal extrusion It shall be slide fitted/Snap Fitted Panels with the help of top trim connector made from PP copolymer 3530 grade/Die Cast End Cap.</li> <li>The End trim for 52.0mm minimum thick panel shall be slide fitted with the help of end trim connector made from 2.0mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>Fabricated bottom frame for 52.0mm minimum shall comprise of L- Channels made of 2mm thick CRCA steel (IS:513), formed plates of 3mm thick HR steel (IS:2062) &amp; ERW steel tube of size 35x15x1.6mm in oval cross section (IS:7138) welded together. This shall be coated with average 50 to 60 micron thickness of epoxy powder coating. This shall be bolted to the uprights with M6 screws.</li> <li>Combination of top tiles are fabric trackable/white board. Bottom tiles - Plain metal. Fabric trackable tiles shall be upholstered metal tiles in 0.6mm thick G.I. grade O as per IS: 277, with P.E. foam in the tile for traceability.</li> <li>The fabric shall be upholstered with adhesives. White board tiles shall be made of 8.0 mm thick particle board conforming to IS: 12823 laminated with 0.6mm thick white glossy high pressure laminate on outer side &amp; 0.6mm backing laminate on inner surface and will be having all its edges with minimum 0.5 mm thick PVC edging. Plain Metal tiles shall be powder coated metal tiles in 0.8 mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>Intermediate blocks are of 52.0 mm minimum panel's thickness shall comprise of 38mm thick paper honeycomb with 3mm MDF on each sides/Wooden battens of PLPB with 3 mm MDF on each sides and 0.6mm fabric on both sides. Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks will be located in the middle bands of the panels.</li> <li>Cable duct shall be made from 0.8 mm thick M.S. CRCA Grade D as per IS: 513 - 1994/Aluminium Powder Coated Race. It is constructed with two parts, one is body &amp; another is cover. It holds the cables &amp; gives aesthetic appearance by covering all cables entry, which are moving upward to the panels. Size of Cable duct is 107mm W X 154 mm H X 21 mm D.</li> <li>The legs used for supporting panels &amp; worktop. The height of a panel leg shall be 126 mm. Panel legs/Single side legs shall be fabricated by CO2 welding MS Tube of section 38 mm x 25 mm (IS: 7138 ERW Tube) with the base plate of the MS plate of 35x22x5mm (IS: 2062, 5 mm HR) over which an M8 Leveler shall be fitted, which allows for adjustment of the height by 50mm. It will be coated with min. 45 micron thickness of epoxy powder coating.</li> <li>Work surfaces shall be made of 25mm thick Pre laminated particle board interior grade of approved shade conforming to IS: 12823. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue.</li> </ul>
8	Workstation 3 seater	8	<ul style="list-style-type: none"> <li>Providing, supplying and placing of workstation 4500 X 1500 X 600 mm with tolerance of <math>\pm 10</math> mm.</li> <li>The system is modular tile based open plan office system.</li> <li>It comprises of both side panels as per thickness 52.0mm minimum shall be made from aluminium extrusion having material AL96063-T6. All kinds of extrusions for 52.0mm minimum shall have average wall thickness of 1.2 mm &amp; having finish of powder coating.</li> <li>Top trim in 52.0mm minimum thick panel shall be press fitted on the horizontal extrusion It shall be slide fitted/Snap Fitted Panels with the help of top trim connector made from PP copolymer 3530 grade/Die Cast End Cap.</li> <li>The End trim for 52.0mm minimum thick panel shall be slide fitted with the help of end trim connector made from 2.0mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>Fabricated bottom frame for 52.0mm minimum shall comprise of L- Channels made of 2mm thick CRCA steel (IS:513), formed plates of 3mm thick HR steel (IS:2062) &amp; ERW steel tube of size 35x15x1.6mm in oval cross section (IS:7138) welded together. This shall be coated with average 50 to 60 micron thickness of epoxy powder coating. This shall be bolted to the uprights with M6 screws.</li> <li>Combination of top tiles are fabric trackable/white board. Bottom tiles - Plain metal. Fabric trackable tiles shall be upholstered metal tiles in 0.6mm thick G.I. grade O as per IS: 277, with P.E. foam in the tile for traceability.</li> <li>The fabric shall be upholstered with adhesives. White board tiles shall be made of 8.0 mm thick particle board conforming to IS: 12823 laminated with 0.6mm thick white glossy high pressure laminate on outer side &amp; 0.6mm backing laminate on inner surface and will be having all its edges with minimum 0.5 mm thick PVC edging. Plain Metal tiles shall be powder coated metal tiles in 0.8 mm thick M.S. CRCA Grade D as per IS: 513.</li> <li>Intermediate blocks are of 52.0mm minimum panel's thickness shall comprise of 38mm thick paper honeycomb with 3mm MDF on each sides/Wooden Battens of PLPB with 3 mm MDF on each side and 0.6mm fabric on both sides. Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks will be located in the middle bands of the panels.</li> <li>Cable duct shall be made from 0.8 mm thick M.S. CRCA Grade D as per IS: 513 - 1994/Aluminium Powder Coated Race. It is constructed with two parts, one is body &amp; another is cover. It holds the cables &amp; gives aesthetic appearance by covering all cables entry, which are moving upward to the panels. Size of Cable duct is 105 mm W X 150 mm H X 20mm D.</li> <li>The legs used for supporting panels &amp; worktop. The height of a panel leg shall be 126mm. Panel legs/Single side legs shall be fabricated by CO2 welding MS Tube of section 38 mm x 25 mm (IS: 7138 ERW Tube) with the base plate of the MS plate of 35x22x5mm (IS: 2062, 5 mm HR) over which an M8 Leveler shall be fitted, which allows for adjustment of the height by 50mm. It will be coated with min. 45 micron thickness of epoxy powder coating.</li> <li>Work surfaces shall be made of 25mm thick Pre laminated particle board interior grade of approved shade conforming to IS: 12823. All the edges of work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glue.</li> </ul>

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9	14 seater conference table	4	<ul style="list-style-type: none"> <li>Supplying and placing of 14 seater conference table with overall size shall be 4200 X 1500 X 740mm with tolerance of <math>\pm 10</math> mm.</li> <li>Work top-Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>Access panels provided with soft closing hinges.</li> <li>The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400</li> <li>WP profile is added at bottom edges for improving the aesthetics. The product has a knock-down construction.</li> <li>The Wire Management-Bottom cabinet with door is provided for flow of wires and cables. Cutout provision below Access flap at four locations for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting Audio Visual Cables (eg.HDMI,VGA-A,etc).</li> </ul>
10	40 seater conference table	1	<ul style="list-style-type: none"> <li>Supplying and placing of 40 seater U conference table with overall size shall be 33.8 W X 7.7D X 2.5H ft with tolerance of <math>\pm 0.5</math> ft.</li> <li>Work top Made of 36mm thick MDF one side pre laminate board conforming to IS14587:1998 with 0.4mm PVC membrane pressed on to top and having chamfered edge. Plastic ABS access flap is provided for easy access to wires and cables.</li> <li>The modesty panel Made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Powder coated accent metal strip provided below work surface to enhance aesthetics. It is made of 0.8mm CRCA as per IS 513, epoxy polyester powder coated (DFT 40-60 microns).</li> <li>Access panels provided with soft closing hinges.</li> <li>The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Aluminium alloy 63400 - WP profile is used for connecting panels together.</li> <li>The wire management is having an array of panels made of 0.8mm CRCA MS IS:513, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables. Provision to mount 6 module plate is provided below worktop. Cutout on top with two piece injection moulded plastic part polymer component is fitted to pullout audio,video cables onto worktop and connect devices charger to power socket below worktop.</li> </ul>
11	High back chair	50	<ul style="list-style-type: none"> <li>Providing, supplying and placing of high back chair with dimensions of Width 76.1 X Depth 76.1 and height 98.0-108 cm with tolerance of <math>\pm 1</math> cm.</li> <li>The seat ( size 47.0 cm. (W) x 49.5 (D) ) is made up of 1.2 + 0.1cm thk. hot pressed plywood measured as per QA method described in OCP-QLTA-PL14-18.</li> <li>The Back ( size 45.0 cm. (V) x 65.3 cm. (H) ) is made up of injection moulded glass filled nylon &amp; upholstered using Mesh fabric with high tenacity yarn.</li> <li>The polyurethane seat foam is moulded with density 45+/-2 kg/m<sup>3</sup> and hardness 16 + 2 kgf as per IS:7888 for 25% compression.</li> <li>The armrests are adjustable with features of Up-Down adjustment— 8 steps (8 0+0.5cm range), Height adjustable armrest structure which is Powder Coated &amp; fitted with an armrest top and Fixed Armrest Top is PU moulded over metal insert.</li> <li>The Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pa6.</li> <li>The adjustable tilting mechanism is designed with the following features.360° revolving type, Single point control and Front-pivot for tilt with feet resting on ground ensuring more comfort.</li> <li>Tilt tension adjustment has 4-position locking with anti-shock feature and Seat/back tilting ratio of 1:2.</li> <li>The pedestal is injection moulded in black 30% glass filled nylon and fitted with 5 nos. twin wheel castors. H=The pedestal pitch center dia is 66.1+0.5 cm</li> <li>The twin wheel castors are injection moulded in black Nylon.</li> </ul>
12	High back chair with headrest	4	<ul style="list-style-type: none"> <li>Providing, supplying and placing of high back chair with headrest having dimensions of Width 76.1 X Depth 76.1 and height 98.0-108 cm with tolerance of <math>\pm 1</math> cm. ( Excluding Headrest ).</li> <li>The seat ( size 47.0 cm. (W) x 49.5 (D) ) is made up of 1.2 + 0.1cm thk. hot pressed plywood measured as per QA method described in OCP-QLTA-PL14-18.</li> <li>The Back ( size 45.0 cm. (V) x 65.3 cm. (H) ) is made up of injection moulded glass filled nylon &amp; upholstered using Mesh fabric with high tenacity yarn.</li> <li>The polyurethane seat foam is moulded with density 45+/-2 kg/m<sup>3</sup> and hardness 16 + 2 kgf as per IS:7888 for 25% compression.</li> <li>The armrests are adjustable with features of Up-Down adjustment— 8 steps (8 0+0.5cm range), Height adjustable armrest structure which is Powder Coated &amp; fitted with an armrest top and Fixed Armrest Top is PU moulded over metal insert.</li> <li>The Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pa6.</li> <li>The adjustable tilting mechanism is designed with the following features.360° revolving type, Single point control and Front-pivot for tilt with feet resting on ground ensuring more comfort.</li> <li>Tilt tension adjustment has 4-position locking with anti-shock feature and Seat/back tilting ratio of 1:2.</li> <li>The pedestal is injection moulded in black 30% glass filled nylon and fitted with 5 nos. twin wheel castors. H=The pedestal pitch center dia is 66.1+0.5 cm</li> <li>The twin wheel castors are injection moulded in black Nylon.</li> </ul>
13	Full back chair	1	<ul style="list-style-type: none"> <li>Providing, supplying and placing of high back chair with dimensions of Width 75 X Depth 75 and height 109.3-124.4 cm with tolerance of <math>\pm 1</math> cm. The Cushioned seat assembly should be made up of seat outer (material-30% Glass Fiber Nylon)&amp; upholstered Seat inner (material- Poly Propylene) with moulded Polyurethane foam &amp; polyester fabric. The Net Back should be made up of Back outer (material-Glass Fiber Filled Nylon)&amp; Back inner (material- PP) and upholstered using Polyester Mesh fabric with high tenacity yarn.</li> <li>The seat size and back size are ( 51 cm. (W) x 49.0 (D) ) , ( size 45.0 cm. (V) x 65.3 cm. (H) ) • The polyurethane seat foam is moulded with density 45+/-2 kg/m<sup>3</sup> and hardness 16 + 2 kgf as per IS:7888 for 25% compression. The support spine should be made up of High Pressure Die cast polished Aluminum.</li> <li>The armrests should be having two adjustment, Height (6.0±0.5cm) and Depth (6.0±0.5cm). Height adjustment should be provided in Aluminum/Polypropylene Under Structure structure of armrest which should be connected to Aluminum colour/MS (Mild Steel) Back spine and should be operated by button. The depth adjustment should be provided in pad which should be fixed to armrest structure. Armrest Top should be made up of PU molded over plastic inner.</li> <li>The Lumbar support assembly should consist of lumbar spine (material-Glass Fiber Filled Nylon) which should be fixed to Aluminum colour/MS (Mild Steel) Back spine. The Lumbar pad (material- Poly Propylene) should be fixed to lumbar spine through lumbar Pad support. Lumbar Support Assembly has height adjustment</li> <li>Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pa6.</li> <li>The mechanism is designed with the following features.360° revolving type, Front-pivot for tilt with feet resting on ground &amp; continuous lumbar support ensuring more comfort, Tilt tension adjustment can be operated in seating position, 5 position Tilt limiter giving option of variable tilt angle to the chair, Seat / back tilting ratio of 1:2, The mechanism housing should be made up of HPDC Aluminum &amp; black powder coated (DFT 40 to 60 micron)</li> <li>The pedestal should be High Pressure Die cast polished Aluminum and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 ± 0.5cm. pitch-center dia.(75.0 ± 1.0cm. With castors.)</li> <li>The twin wheel castors should be injection moulded in black PP having 6.0± 0.1cm wheel Diameter.</li> </ul>
14	Mid back chair	50	<ul style="list-style-type: none"> <li>Providing, supplying and placing of Mid Back with dimensions : width 76.0 cm minimum, depth 76 cm , height 100-110 cm and seat height 44-54.0 cm with tolerance of <math>\pm 1</math> cm.</li> <li>The seat is made up of 1.5 ±0.1cm. thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam.</li> <li>The seat has extra thick foam on front edge to give comfort to popliteal area.</li> <li>The Back is injection moulded in glass filled Polypropylene which is upholstered with Mesh fabric.</li> <li>The back consist of adjustable lumbar support made of injection moulded Polypropylene having an adjustment of 5.0 ±0.1 cm.</li> <li>The chair seat &amp; back size are seat size 53.0 cm min. (W) x 51.0 cm. (D) mesh back size 51.0 cm. (W) x 70.0 cm. (H)</li> <li>The HR polyurethane seat foam is moulded with density 45±2 kg/m<sup>3</sup> and hardness 16±2 kgf as per IS:7888 for 25% compression.</li> <li>The adjustable armrest is designed with the following features : Up-Down adjustment— 6 steps (7.2 ± 0.5cm range). Armrest top is mounted on Armrest structure made of glass filled Nylon- Armrest Top is PU moulded over glass filled Nylon insert.</li> <li>The centre tilt mechanism with multilock is designed with the following features: 360° revolving type.3 position locking with anti shock mechanism and Tilt tension adjustment.</li> <li>The pneumatic height adjustment with adjustment stroke of 9.5 ± 0.3cm.</li> <li>The pedestal is injection moulded in glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66 ±0.5cm. pitch-centre dia.(76.1 ±1.0cm with castors).</li> <li>The twin wheel castors are injection moulded in Black Nylon.</li> </ul>

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15	High back chair	1	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of High Back Chair with dimensions : width 76.0 cm min, depth 76.0 cm min , height 117-130 cm and seat height : 44.5 – 54.0 cm with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat is made up of 1.5 <math>\pm 0.1</math>cm. thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam.</li> <li>• The seat has extra thick foam on front edge to give comfort to popliteal area.</li> <li>• The Back is injection moulded in glass filled Polypropylene which is upholstered with Mesh fabric.</li> <li>• The back consist of adjustable lumbar support made of injection moulded Polypropylene having an adjustment of 5.0 <math>\pm 0.1</math> cm.</li> <li>• The chair seat &amp; back size are seat size 53 cm. (W) x 51.0 cm. (D)*mesh back size 51.0 cm. (W) x 70.0 cm. (H)</li> <li>• The polyurethane seat foam is moulded with density 45<math>\pm 2</math> kg/m<sup>3</sup> and hardness 16<math>\pm 2</math> kgf as per IS:7888 for 25% compression.</li> <li>• The adjustable armrest is designed with the following features : Up-Down adjustment- 6 steps (7.2 <math>\pm 0.5</math>cm range). Armrest top is mounted on Armrest structure made of glass filled Nylon- Armrest Top is PU moulded over glass filled Nylon insert.</li> <li>• CENTER TILT SYNCHRO MECHANISM WITH MULTI LOCK : The centre tilt mechanism with multilock is designed with the following features: 360° revolving type, 3 position locking with anti shock mechanism and Tilt tension adjustment.</li> <li>• The Headrest sub-assembly is made up of injection moulded glass filled Polypropylene which is upholstered with moulded HR polyurethane foam and fabric. It has an adjustment of 4.0 <math>\pm 0.1</math>cm &amp; it is assembled over mesh back chair.</li> <li>• PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment with an adjustment stroke of 9.5 <math>\pm 0.3</math>cm.</li> <li>• The pedestal is injection moulded in glass-filled Nylon and fitted with 5 nos. twin wheel castors.</li> <li>• The pedestal is 66 <math>\pm 0.5</math>cm. pitch-centre dia.(76 <math>\pm 1.0</math>cm with castors).</li> </ul>
16	High back chair	4	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of High Back Chair with dimensions : width 74 cm, depth 74 cm, height 112-132.5 cm and seat height 44.5-58.0 cm with tolerance of <math>\pm 1</math> cm. SEAT ASSEMBLY:</li> <li>• The Cushioned seat inner is made of injection moulded glass filled poly-amide. Upholstered seat sub-assembly consists of moulded High Resilience (HR) Polyurethane foam of Density 45<math>\pm 2</math> kg/m<sup>3</sup>, and hardness load 16 <math>\pm 2</math> kgf as per IS:7888 for 25% compression.</li> <li>• The Cushioned back is made of PU Foam with Polypropylene Injection moulded Plastic Inner.</li> <li>• Seat size 45cm. (D) x 52 cm. (W)</li> <li>• Back size 50 cm. (W) x 75 cm. (D)</li> <li>• The armrest having four range of adjustment Up-Down adjustment has 8 position (10.5<math>\pm 0.5</math>cm range), Arm top swivel adjustment- 2 position, 12°<math>\pm 2</math>° swivel inside, Arm top width adjustment - Any position (2.0<math>\pm 0.5</math>cm range each arm top).</li> <li>• Arm top To - Fro Adjustment- any position (4.0<math>\pm 0.5</math>cm range)</li> <li>• Armrest top is made up of high density PU molded over glass filled Poly-amide inner.</li> <li>• The adjustable tilting mechanism is designed with the following features: 360° revolving type, Forward tilt of seat and back, Upright tilt lock, Tilt tension adjustment can be operated in seating position and 3-position Tilt limiter.</li> <li>• The Seat depth adjustment is housed below the seat and integrated with the mechanism with help of Polypropylene Seat cover. Seat Depth can be adjusted in sitting position. Seat depth adjustment range is of 5.0<math>\pm 0.5</math> cm.</li> <li>• At back support, there should be no gap from the chair at lumbar from neck to back during any reclining position.</li> <li>• The back Height can be adjusted in sitting position. It can be adjusted in the range of 7.5<math>\pm 0.5</math> cm.</li> <li>• The height adjustment has an adjustment stroke of 13.0<math>\pm 0.3</math> cm.</li> <li>• The pedestal is made of die-cast aluminium with buffing finish. It is fitted with 5nos. twin wheel castor. The pedestal is 67.0 <math>\pm 0.5</math>cm pitch-center dia.</li> <li>• The twin wheel soft castors are injection moulded in Poly-amide with PU lining, having 6.5<math>\pm 0.1</math>cm wheel Diameter and assembled to pedestal.</li> </ul>
17	Main table with ERU and back unit	2	<ul style="list-style-type: none"> <li>• Supplying and placing in position Main Table, ERU &amp; pedestal with dimensions : 2100x2250x750 mm with tolerance of <math>\pm 10</math> mm</li> <li>• The Primary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Soft closing access flap with in-build power box are provided on work surface for wire management.</li> <li>• The Secondary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.</li> <li>• The Modesty Panel Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.</li> <li>• The Under structure Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The Pedestal Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top</li> <li>• The Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal.</li> <li>• Drawers have a soft closing &amp; anti slam mechanism.</li> <li>• Handles are provided for ease of opening.</li> <li>• Pedestals are provided with lock for security.</li> </ul>
18	Sofa 3+1+1	8	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Sofa ( 3+1+1 )</li> <li>• One Seater Overall Size : Width : 110 cm Depth : 93 cm Height : 89cm Seating Height : 47cm. with tolerance of <math>\pm 1</math> cm</li> <li>• Three Seater Overall Size : Width : 210 cm Depth : 93 cm Height : 89cm Seating Height : 47cm. with tolerance of <math>\pm 1</math> cm</li> <li>• Stitching is thread- polyester.</li> <li>• pitch- 5 stitch per inch( pitch of thread i.e. stitch per inch). leather/pvc/fabric: (pu/pvc/cotton/ polyester/ composite)-</li> <li>• fabric: d3/d5/d6 leather look fabric 100%polyester. thickness (mm) :0.9mm. weight (gsm) : 250g/m2.</li> <li>• Frame material (tropical wood / pine wood/ rubber wood</li> <li>• Back foam: solid decron 7d/64mm. belt/ webbing material:nylon webbing- width of belt (mm) :back:45mm/seat:50mm.</li> </ul>
19	Centre table	16	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of wooden Centre table of size Width : 119 cm Depth : 59 cm Height : 45cm (Minimum) with tolerance of <math>\pm 1</math> cm.</li> <li>• High density plywood top 24 mm thickness. Rubber wood under frame.</li> <li>• Curved legs with ethnic design.</li> <li>• Top: Sheesham 18 mm</li> <li>• Legs: 80X80</li> <li>• Top Side 40X40</li> <li>• Bottom Side Support 45x25mm &amp; 8 Pcs Bolt &amp; Nut</li> </ul>
20	Corner table	10	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Corner table with overall Size : Width : 60cm Depth : 60cm Height : 45cm with tolerance of <math>\pm 1</math> cm.</li> <li>• Top :Sheesham 18 mm LEGS: 80X80 Top Side 40X40 Bottom Side Support 45x25mm &amp; 8 Pcs Bolt &amp; Nut with tolerance of <math>\pm 1</math> cm.</li> <li>• Rubber wood under frame.</li> <li>• Plywood top with 24 mm thickness</li> <li>• Curved legs with ethnic design.</li> </ul>
21	Sofa 2 seater	30	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of two seater leatherette Sofa of dimensions Width 130 cm, depth 85 cm, height 75 cm and seating height 39 cm with tolerance of <math>\pm 1</math> cm</li> <li>• Polypropylene stitching thread should used.</li> </ul>

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22	Table with pedestal	8	<ul style="list-style-type: none"> <li>Supplying and placing of table with ERU ( 1500 W x 1500 D x 750 H mm ) tolerance of <math>\pm 10</math> mm.</li> <li>Worktop shall be made of 25MM thick Pre-Laminated E1 grade E1 grade Board / Certified Low emitting board conforming to IS:12823. The top shall be laminated with a laminate of 0.6 mm thickness of approved shade as per IS:2046-1995. All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC lipping glued with low emitting hot melt EVA glue and configuration of access flap or grommet cut out. The bottom shall have a backing laminate of 0.6 mm thickness.</li> <li>Harp shape legs are made from <math>\phi</math> 10 MS rod (as per IS: 432) along with a PDC (Harp leg PDC cover) part made from Aluminum alloy, which is connected to the worktop and cross members. Argo Shield welding is used for fabrication. powder coated with an average 50-60micron thickness of epoxy powder coating as per the approved color scheme. This is a one-dimensional leg that has a straight M8 leveler with a bottom translucent cap that allows adjustment up to 50 mm height.</li> <li>A wire tray with integrated power box shall be made with a combination of 0.6 mm thick CRCA (IS:513) outer body along with 0.8 mm thick CRCA (IS: 513) switch plate 8+3 module cut out as standard. These are mounted either on leg lateral members or cross members with a bracket made from 3 mm thick HR (IS: 2062).</li> <li>Metal below worksurface modesty shall be made of 0.8 mm thick CRCA (IS: 513). Internal tapped stud is welded to the modesty for mounting. Internal tapped stud shall be welded to the modesty for mounting. It would terminate at 400 mm from the ground.</li> </ul>
23	Main table with ERU and back unit	1	<ul style="list-style-type: none"> <li>Supplying and placing in position Main Table, ERU &amp; pedestal of dimension of Main table shall be of size 3600 Width mm x 1080 mm Depth x 750 mm height with tolerance of <math>\pm 10</math> mm</li> <li>Top surface of the table shall made up of 25 mm thick MDF (Medium density fibre ) board with lipping of 2 mm Thickness duly finished with Veneer and final coating of PU.</li> <li>The Main desk should contain in Smart Case - space slides effortlessly in style.</li> <li>The mobile Pedestal shall be of size 480 Width mm x 640 Depth mm x 600 Height mm with tolerance of <math>\pm 10</math> mm.</li> <li>Mobile pedestal shall be coated of MDF (medium density fiber) with veneer coating and PU coating.</li> <li>The ERU Top shall be of MDF (medium density fiber) board duly finished with veneer and final PU coating with size 1900 Width mm x 480 Depth mm x 550(not from ground with castors).</li> <li>The main desk is provided with the wire management system with storage side unit.</li> </ul>
24	Main table with ERU and back unit	3	<ul style="list-style-type: none"> <li>Supplying and placing in position Main table of size 2400 Width mm x 1050 mm Depth x 750 mm height with tolerance of <math>\pm 10</math> mm.</li> <li>Top surface of the table shall made up of 25 mm thick MDF (Medium density fibre ) board with lipping of 2 mm thickness duly finished with Veneer and final coating of PU.</li> <li>The Main desk should contain in built key board pull out tray for keeping keyboard of computer.</li> <li>The modesty panel of the table shall be made up of MDF board of size 1640 mm x 600 mm x 16mm which shall also be duly finished with Veneer and PU coating with tolerance of <math>\pm 10</math> mm.</li> <li>One mobile pedestal (3 drawer unit) shall be provided of size 510 mm Width x 635 mm Height and 445 mm Depth. with tolerance of <math>\pm 10</math> mm.</li> <li>The storage pedestal shall also be made up of MDF duly finished with veneer &amp; final coating of PU. The ERU Side shall be of size 1200mm Width x 445mm Depth x 660 mm Height with tolerance of <math>\pm 10</math> mm.</li> <li>The side unit shall be made up of MDF board duly finished with Veneer and final finish by PU Coating.</li> <li>The design of the side unit shall be such that it can be placed on either side of the main table.</li> <li>The side unit shall contain open space for keeping cpu in extreme right side, one closed storage shutter at extreme left end &amp; open space in the middle with one shelf for keeping files.</li> <li>The thickness of the top of the side unit shall be 25mm.</li> </ul>
25	Book Rack	18	<ul style="list-style-type: none"> <li>Supplying and placing of book rack three bodies( one main plus two add on ) with dimensions 3600W X 600D X 2075H</li> <li>Side panels, Frame &amp; Cross L bracket are made using 0.8 mm CRCA (IS:513).</li> <li>The assembly consists of 2 tie rods, 4 fixing brackets and 2 turnbuckles. The tie rods are fixed in a shape of 'X' the tie rods are made of 4mm diameter rods of MS while fixing brackets are made of 2mm thick. CRCA IS:513 Grade.</li> <li>Both side wooden panel of 25mm thk PLT, E1-P2 grade board</li> <li>Edges shall be provided with machine pressed 2 mm thick PVC lipping glued with hot melt EVA glu.</li> <li>The Under structure is made of 0.8m CRCA (IS:513).</li> <li>The Shelves used are 10 bend panel made of 0.8mm CRCA (IS:513).</li> <li>The configuration consists of 6 loading levels formed by 5 no of adjusted shelf for each main and add on unit.</li> <li>Load Capacity per each shelf is 80 Kg maximum.</li> <li>Knock down construction.</li> <li>All MS sheetmetal and metal frame components are powder coated with epoxy polyester powder to the min thickness of min 45 microns.</li> <li>The add-on units can be stacked width wise to form a bank of racks having common side panel up to 4800W</li> <li>Shelves back stiffener - At the rear side of the shelves back stiffeners are provided.</li> <li>Label Holder -It is an aluminum extrusion of length 595 mm for double body bookrack , fitted on to front of body. The Paper is 300GSM matt finish, to be inserted into the aluminum extrusion. The length of paper is 595 mm for double body bookrack.</li> <li>There should be Rollout shelf pull-out tray which has 2 nos. 'C' shaped brackets of 1.2mm thk. This shelf opens outwards up to 250mm &amp; has load capacity of 40 KG UDL.</li> <li>The Book separator is made of 2mm thk. CRCA sheet (IS:513) and is used to as a partition and support for books placed vertically on a shelf.</li> </ul>

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26	Book case 4 drawer	30	<ul style="list-style-type: none"> <li>• Providing and placing of four door bookcase with metal top of dimensions 910mm(W)x320mm(D)x1740mm(H) with tolerance of <math>\pm 10</math> mm.</li> <li>• It shall be made from prime quality CRCA steel with anti rusting treatment with Rigid Knock Down Construction.</li> <li>• The Top Pannel, Back Pannel and Side Pannel are made from 0.7mm high yield CRCA and other components from 0.8mm CRCA.</li> <li>• Each door shall have a 6 Lever Cam Lock with Common Key.</li> <li>• 3mm thick glass should be used in each door for clear inside vision which shall be secured in a metal frame through a rubber gasket.</li> <li>• Scissor Mechanism should be provided in each door for receding inside the top of every compartment and it shall ensure parallel and smooth movement.</li> <li>• Each door should be provided with plastic side end caps as handle which is easy to grip.</li> <li>• Each compartment shall have a storage shelf with a UDL capacity of max 80 Kg.</li> <li>• The Book Case shall have 18mm PLB Top straight edge with PVC lipping. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10).</li> </ul>
27	Reading table ( 4 seater )	136	<ul style="list-style-type: none"> <li>• Providing and placing desk based Recta workstations - 1200W X 450D ( both side ) with System height - 1050 mm with tolerance of <math>\pm 10</math> mm.</li> <li>• The partial 8mm thick Laminated glass marker screen. Available in 450mm ht., mounted on Studs.</li> <li>• Providing metal powder coated leg.. Legs are of metal powder coated with standard workstation height of 750mm.</li> <li>• Under structure comprising of metal powder coated cross connectors between legs and legs and made up of metal powder coated finish and the entire assembly is fixed to the worktop.</li> <li>• For vertical wire management, wire risers with cover are considered.</li> <li>• For horizontal wire management - Wire Tray with integrated power box . Access flap cover will be provided. Switch plate of (8+3 ) module is considered for Power and Data points.</li> <li>• The worksurface is of 25 mm thick prelaminated particle board with flat pvc lipping edge banding of size 1200 mm w x 450mm d ( both side ).</li> <li>• The modesty should be Lazer cut perforated Metal and mounted on the worktop with the help of the modesty mounting brackets. Modesty terminates at 400 mm from ground.</li> </ul>
28	Reading table ( 2 seater )	16	<ul style="list-style-type: none"> <li>• Providing and placing desk based Recta workstations - 1500W X 600D ( both side ) with System height - 1050 mm with tolerance of <math>\pm 10</math> mm.</li> <li>• The partial 8mm thick Laminated glass marker screen. Available in 450mm ht., mounted on Studs.</li> <li>• Providing metal powder coated leg.. Legs are of metal powder coated with standard workstation height of 750mm.</li> <li>• Under structure comprising of metal powder coated cross connectors between legs and legs and made up of metal powder coated finish and the entire assembly is fixed to the worktop.</li> <li>• For vertical wire management, wire risers with cover are considered.</li> <li>• For horizontal wire management - Wire Tray with integrated power box . Access flap cover will be provided. Switch plate of (8+3 ) module is considered for Power and Data points.</li> <li>• The worksurface is of 25 mm thick prelaminated particle board with flat pvc lipping edge banding of size 1500 mm w x 600mm d ( both side ).</li> <li>• The modesty should be Lazer cut perforated Metal and mounted on the worktop with the help of the modesty mounting brackets. Modesty terminates at 400 mm from ground.</li> </ul>
29	Sofa 2 seater	40	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of two seater leatherette Sofa of dimensions Width 130 cm, depth 85 cm, height 75 cm and seating height 39 cm with tolerance of <math>\pm 1</math> cm</li> <li>• Polypropylene stitching thread should used.</li> </ul>
30	Centre table	5	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of wooden Centre table of size Width : 119 cm Depth : 59 cm Height : 45cm (Minimum) with tolerance of <math>\pm 1</math> cm.</li> <li>• High density plywood top 24 mm thickness. Rubber wood under frame.</li> <li>• Curved legs with ethnic design.</li> <li>• Top: Sheesham 18 mm</li> <li>• Legs: 80X80</li> <li>• Top Side 40X40</li> <li>• Bottom Side Support 45x25mm &amp; 8 Pcs Bolt &amp; Nut</li> </ul>
31	Mid back chair for computer table	50	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Mid Back with dimensions : width 76.0 cm minimum, depth 76 cm , height 100-110 cm and seat height 44-54.0 cm with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat is made up of 1.5 <math>\pm 0.1</math>cm. thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam.</li> <li>• The seat has extra thick foam on front edge to give comfort to popliteal area.</li> <li>• The Back is injection moulded in glass filled Polypropylene which is upholstered with Mesh fabric.</li> <li>• The back consist of adjustable lumbar support made of injection moulded Polypropylene having an adjustment of 5.0 <math>\pm 0.1</math> cm.</li> <li>• The chair seat &amp; back size are seat size 53.0 cm min. (W) x 51.0 cm. (D) mesh back size 51.0 cm. (W) x 70.0 cm. (H)</li> <li>• The HR polyurethane seat foam is moulded with density 45<math>\pm 2</math> kg/m<sup>3</sup> and hardness 16<math>\pm 2</math> kgf as per IS:7888 for 25% compression.</li> <li>• The adjustable armrest is designed with the following features :- Up-Down adjustment- 6 steps (7.2 <math>\pm 0.5</math>cm range). Armrest top is mounted on Armrest structure made of glass filled Nylon. Armrest Top is PU moulded over glass filled Nylon insert.</li> <li>• The centre tilt mechanism with multilock is designed with the following features: 360° revolving type.3 position locking with anti shock mechanism and Tilt tension adjustment.</li> <li>• The pneumatic height adjustment with adjustment stroke of 9.5 <math>\pm 0.3</math>cm.</li> <li>• The pedestal is injection moulded in glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66 <math>\pm 0.5</math>cm. pitch-centre dia.(76.1 <math>\pm 1.0</math>cm with castors).</li> <li>• The twin wheel castors are injection moulded in Black Nylon.</li> </ul>

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32	Almirah with glass	5	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Glass door almirah with overall dimensions 910mm(W)x485mm(D)x1980mm(H) with welded construction with tolerance of <math>\pm 1</math> cm</li> <li>• It should have shelf thickness of 0.7 mm, Back thickness of 0.8mm, Door thickness of 0.8mm (high yield strength) and all other components shall have a thickness of 0.9mm. These components shall be made of CRCA 'D' grade high yield strength as per IS:513.</li> <li>• It shall have a brass handle and a 2 way locking mechanism with shooting bolt.</li> <li>• It should have a height wise adjustable shelf mounting which shall have a Uniformly Distributed Load Capacity of max 40 Kg.</li> <li>• It should also have a M10 Screw type Leveller with Hex plastic base. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10). Plenty of colour options and shelving options shall be available.</li> </ul>
33	Computer table	50	<ul style="list-style-type: none"> <li>• Supplying and placing of computer table with dimensions : Length: 900 mm Width: 590 mm Height: 745 mm with tolerance of <math>\pm 10</math> mm.</li> <li>• Table Top: 40. Kg. Shelf: 15 Kg.</li> <li>• Number of Cartons : 01 Carton Specs: 5 ply, 120 gsm, 16 BS.</li> <li>• PLB: 25 mm for table top with 2.0 mm thick PVC lipping.</li> <li>• Metal Parts: MS ERW Tube, MS CRCA sheets &amp; MS Bright Bar.</li> <li>• Multi-coloured Modesty</li> <li>• Hardware details : Nut &amp; Bolts, 5 Glide screws, Self Tapping Screws &amp; Articulated</li> <li>• Plastic KBPT Construction: Knock down fitting.</li> </ul>
34	Main Table	5	<ul style="list-style-type: none"> <li>• Supplying and placing of Main Table &amp; ERU of the following specifications of 2100 Width mm x 1600 Depth mm x 760 Height mm with tolerance of <math>\pm 10</math> mm.</li> <li>• The main top shall be of Particle board (Melamine Finish) 1800 x 790 mm.</li> <li>• The top shall be 25 mm thick plus 15 mm frame and 2 mm PVC lipping on top. Also there shall be 0.35 mm PVC lipping on frame.</li> <li>• The Modesty panel shall be 1100 x 400 x 45 mm thick particle board (Melamine Finish) with 0.35 mm thick PVC lipping.</li> <li>• The Drawer Front shall be of size 500 x 170 x 15 mm thick Particle board (Melamine Finish) with 0.35 mm thick PVC lipping.</li> <li>• The KBPT shall be 575 W x 280 D x 15 mm with 0.35 mm Thick PVC lipping.</li> <li>• The ERU shall have all panels of 16 mm thick Particle board (Melamine Finish).</li> </ul>
35	High back chair	5	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of High Back Chair with seat and back assembly.</li> <li>• The seat is made up of <math>1.2 \pm 0.1</math> cm thk. hot pressed plywood measured.</li> <li>• The Back is made up of injection moulded glass filled nylon &amp; upholstered using Mesh fabric with high tenacity yarn with seat size : 47.0 cm. (W) x 51 cm (D) and back size 45.0 cm. (W) x 65 cm. (H) with tolerance of <math>\pm 1</math> cm.</li> <li>• The HR polyurethane seat foam is moulded with density <math>45 \pm 2</math> kg/m<sup>3</sup> and hardness <math>16 \pm 2</math> kgf as per IS:7888 for 25% compression.</li> <li>• The adjustable armrest is designed with the following features : Up-Down adjustment- 8 steps (8 <math>\pm 0.5</math> cm range), Height adjustable armrest structure which is Powder Coated &amp; fitted with an armrest top. Fixed Armrest Top is PU moulded over metal insert.</li> <li>• The Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. The Height of Lumbar pad can be adjusted through two projecting knobs provided on the rear side of the pad. Lumbar pad has an adjustment of <math>8.0 \pm 0.5</math> cm in height.</li> <li>• The front pivot synchro adjustable tilting mechanism is designed with the following features. 360° revolving type. Single point control. Front-pivot for tilt with feet resting on ground ensuring more comfort. Tilt tension adjustment. 4-position locking with anti-shock feature. Seat/back tilting ratio of 1:2.</li> <li>• The pneumatic height adjustment has an adjustment stroke of <math>10.0 \pm 0.3</math> cm.</li> <li>• The pedestal is injection moulded in black 30% glass filled nylon and fitted with 5 nos. twin wheel castors. The pedestal pitch centre dia is <math>66 \pm 0.5</math> cm.</li> <li>• The twin wheel castors are injection moulded in black Nylon.</li> <li>• The Neckrest assembly consist of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric and is fixed to Back Assembly through Neckrest connector. Neckrest assembly has height adjustment of <math>4 \pm 0.5</math> cm and rotation adjustment of overall <math>76^\circ \pm 2^\circ</math>. The complete neckrest assembly is retro fit to the main chair.</li> </ul>
36	Small storage almirah	10	<ul style="list-style-type: none"> <li>• Supplying and placing of almirah with 25 mm Wooden Top with dimensions: 900mm(W)x450mm(D)x1165mm(H) with tolerance of <math>\pm 10</math> mm.</li> <li>• The construction shall be rigid knock down construction and Material used shall be prime quality CRCA steel - panels from 0.6 mm thick &amp; front frame.</li> <li>• Shelf shall be 0.8 mm thick.</li> <li>• Door shall be full height steel hinged door.</li> <li>• Locking shall be Plastic Recessed Handle cum Cam lock with 3 way locking mechanism with shooting bolt arrangement.</li> <li>• Height wise adjustable shelf mounting.</li> <li>• load capacity per each full shelf shall be 40 Kg maximum.</li> <li>• The top shall be metal plus leveler shall be screw type with hex plastic base and Epoxy Powder coated finish to the thickness of 50 microns.</li> </ul>
37	Reception Table	1	<ul style="list-style-type: none"> <li>• Supplying and placing of reception table with overall dimensions : 2400mm W X 1770mm D X 740mm H with tolerance of <math>\pm 10</math> mm.</li> <li>• The work surface made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• Access Flap along with a Grommet is provided on work surface for wire management.</li> <li>• The Power box made with 0.8 mm thick CRCA (IS: 513), with switch plate (8+3 Module cut out provision) which is fixed with worktop along the width at Access Flap position.</li> <li>• The Modesty Panel &amp; Side Skirting - Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The under structure made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The top shelf made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The Hinge Door + Drawer unit - Made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>• The Drawer bottom is made of 5.5thk MDF whiteboard handle is provided for ease of opening.</li> <li>• The HDU and Drawer is provided with cam lock for security.</li> <li>• The Wire Riser made of 0.8mm CRCA (IS-513) is provided for proper wire management.</li> <li>• The Organizer Plate made of 1.2mm CRCA (IS-513) is provided for magnetic sticky notes.</li> <li>• The Bag Hanger Hook made of 1.2mm CRCA (IS-513) is provided for bag hanging.</li> </ul>

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38	Book stand	2	<ul style="list-style-type: none"> <li>Supplying and placing of periodical display rack with configuration of ( 1 main plus 2 add on wooden panels, skirting for all three units ) with wooden panels both side having overall Dimensions : 900mm(W)x450mm(D)x1830mm(H) with tolerance of <math>\pm 10</math> mm. Rigid Knockdown construction</li> <li>Panels shall be made from CRCA 0.6 mm thick and front frame shall be made from CRCA 0.8 mm thick . CRCA D grade as per IS 513 .</li> <li>There shall be 5 level racks</li> <li>Display tray shall be suitable for full-scale size magazines, periodicals, aesthetically appealing metal tray at an angle for easy viewing .</li> <li>Receding facility to access the storage behind .</li> <li>Sliding on plastic rollers .</li> <li>Behind storage shelving each of 5 level has a behind storage shelf .</li> <li>Load capacity per each shelf is 40 kg .</li> <li>Leveller shall be screw type with hex plastic base and finish shall be epoxy polyester powder coated to the thickness of 50 microns .</li> </ul>
39	14 seater conference table	1	<ul style="list-style-type: none"> <li>Supplying and placing of 14 seater conference table with all accessories.</li> <li>The worksurface made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>The under structure consist of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>The Aluminium alloy 63400 - WP profile is used for connecting panels together.</li> <li>The product has a knock-down construction.</li> <li>The plastic ABS access flap is provided for easy access to wires and cables.</li> <li>The Modesty Panel made of 18mm Thick Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>The powder coated accent metal strip provided below work surface to enhance aesthetics and is made of 0.8mm CRCA as per IS 513, epoxy polyester powder coated (DFT 40-60 microns).</li> <li>An array of panels made of 0.8mm CRCA MS IS:513, epoxy polyester powder coated (DFT 40-60 microns) is used for flow of wires and cables.</li> <li>Threse should be provision to mount 6 module plate is provided below worktop.</li> <li>Cutout on top with two piece injection moulded plastic part polymer component is fitted to pull out audio, video cables onto worktop and connect devices charger to power socket below worktop.</li> </ul>
40	Main table for librarian room	1	<ul style="list-style-type: none"> <li>Supplying and placing main table with ERU and attached pedestal having dimensions : 2100 Wx2250 Dx750 H with tolerance of <math>\pm 10</math> mm.</li> <li>Primary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Soft closing access flap with in-build power box are provided on work surface for wire management.</li> <li>Secondary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.</li> <li>The modesty Panel Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.</li> <li>The under structure made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>The Integrated Pedestal Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</li> <li>The Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.</li> <li>The pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM.</li> <li>The Drawers have a soft closing &amp; anti slam mechanism.</li> <li>Handles are provided for ease of opening.</li> <li>Pedestals are provided with lock for security.</li> </ul>
41	Almirah for librarian room	1	<ul style="list-style-type: none"> <li>Providing, supplying and placing of almirah with overall size Shall be 915mm(W)x485mm(D)x1980mm(H) with welded construction with with tolerance of <math>\pm 10</math> mm</li> <li>It should have the shelf thickness of 0.7 mm, Back thickness of 0.8mm, Door thickness of 0.8mm (high yield strength) and all other components shall have a thickness of 0.9mm. These components shall be made of CRCA 'D' grade high yield strength as per IS:513.</li> <li>It should have a Mazak handle and three way locking mechanism with Shooting Bolts.</li> <li>It should have a height wise adjustable shelf mounting which shall have a Uniformly Distributed Load Capacity of max 40 Kg.</li> <li>It should also have a M10 Screw type Leveller with Hex plastic base. The finishing shall include Epoxy powder coated to the thickness of 50 microns (+/- 10). Plenty of colour options and shelving options shall be available.</li> <li>Intermediate blocks for 52.4mm panel's thickness shall comprise of 38mm thick paper honeycomb with 3mm MDF on each sides and 0.6mm fabric on both sides.</li> <li>Particle board framing shall be used on outer boundary of these blocks as well as intermediately at certain locations forming conduit for passing cables. These blocks will be located in the middle bands of the panels.</li> </ul>
42	Main chair for librarian room	1	<ul style="list-style-type: none"> <li>Providing, supplying and placing the high back chair with head rest W 76.0 D 76.0 H 114.0- 128.0 cm (minimum) with tolerance of <math>\pm 1</math> cm.</li> <li>The seat is made up of 1.2 <math>\pm</math> 0.1cm thick, hot pressed plywood measured. Seat size : 47.0 cm. (W) x 50 cm (D)</li> <li>The Back is made up of injection moulded glass filled nylon &amp; upholstered using Mesh fabric with high tenacity yarn. Back size : 45.0 cm. (W) x 65 cm. (H)</li> <li>The polyurethane seat foam is moulded with density 45+/-2 kg/m<sup>3</sup> and hardness 16 <math>\pm</math> 2 kgf as per IS:7888 for 25% compression.</li> <li>The adjustable armrest is designed with the following features :Up-Down adjustment- 8 steps (8 <math>\pm</math> 0.5cm range), Height adjustable armrest structure which is Powder Coated &amp; fitted with an armrest top. Fixed Armrest Top is PU moulded over metal insert.</li> <li>The Lumbar support consists of polypropylene pad with moulded polyurethane foam &amp; covered with polyester fabric. lumbar pad has an adjustment of 8.0 <math>\pm</math> 0.5 cm in height.</li> <li>The adjustable tilting mechanism is designed with the following features.: 360° revolving type, Single point control, Front-pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 4-position locking with anti-shock feature, Seat/back tilting ratio of 1:2.</li> <li>The pneumatic height adjustment has an adjustment stroke of 10.0 <math>\pm</math> 0.3 cm<sup>3</sup>.</li> <li>The pedestal is injection moulded in black 30% glass filled nylon and fitted with 5 nos. twin wheel castors. The pedestal pitch center dia is 66.1 <math>\pm</math> 0.5 cm.</li> <li>The twin wheel castors are injection moulded in black Nylon.</li> <li>The Neckrest assembly consist of polypropylene pad with moulded polyurethane foam &amp; covered with polyester. The complete neckrest assembly is retro fit to the main chair.</li> </ul>

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43	Visitor chair for librarian and deputy librarian	10	<ul style="list-style-type: none"> <li>• Providing and placing the leatherette visitor chair of dimensions : Width-60.0 cm, Depth-64.0 cm, height 99.0 cm and seat height 44.0 cm (minimum) with tolerance of <math>\pm 1</math> cm.</li> <li>• The Cushioned seat should be made of Injection molded Plastic outer &amp; inner.</li> <li>• Plastic Inner should be upholstered with stitched cover and moulded Polyurethane foam of Density <math>45 \pm 2</math> kg/m<sup>3</sup>, and hardness load <math>16 \pm 2</math> kgf for 25% compression.</li> <li>• The stitched cover should be made from spacer fabric and leatherette.</li> <li>• Cushioned back should be made of PU Foam with moulded MS E.R.W Round Tube of size <math>1.9 \pm 0.03</math> cm x <math>0.16 \pm 0.0128</math> cm. It upholstered with spacer fabric and leatherette.</li> <li>• The seat size 47.0 cm. (W) x 48.0 cm. (D) and back size 45 cm. (W) x 60 cm. (D)</li> <li>• The powder coated (DFT 40-60 micron) tubular frame should be cantilever type &amp; made of <math>02.54 \pm 0.03</math> cm x <math>0.2 \pm 0.016</math> cm thk MS ERW tube.</li> <li>• The back connected to frame through powder coated (DFT 40-60 micron) high pressure die cast connector piece.</li> </ul>
44	Main high back chair	1	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of leatherette High Back Chair with dimensions: Width-76.0 cm, Depth-76.0 cm, Height -112.0-130.0cm (minimum) and Seat Height -43.0-53.0cm (minimum) with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat should be made of Injection molded Plastic outer &amp; inner.</li> <li>• Plastic Inner should be upholstered with leatherette and moulded High foam of Density <math>45 \pm 2</math> kg/m<sup>3</sup>, and hardness load <math>16 \pm 2</math> kgf as per IS:7888 for 25% compression. Seat size : 47.0 cm. (W) x 48.0 cm. (D)</li> <li>• The back should be made of PU Foam with molded MS E.R.W Round Tube of size <math>1.9 \pm 0.03</math> cm x <math>0.16 \pm 0.0128</math> cm. It upholstered with Leatherette. Back size : 47.7 cm. (W) x 76.4 cm</li> <li>• The armrest top should be moulded from polyurethane and mounted on to a drop lift adjustable type tubular armrest support made of <math>03.81 \pm 0.03</math> cm x <math>0.2 \pm 0.01</math> cm thk M.S. E.R.W tube having chrome plated finish.</li> <li>• The armrest height adjustable up to <math>6.5 \pm 0.5</math> cm in 5 steps.</li> <li>• The adjustable tilting active bio synchro mechanism should be designed with the following features: 360° revolving type, Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort. , Tilt tension adjustment can be operated in seating position, 5-position Tilt limiter giving option of variable tilt angle to the chair, Seat/back tilting ratio of 1: 2 • The mechanism housing should be made up of HPDC Aluminium black powder coated.</li> <li>• The Seat depth adjustment should be integrated in the seat through a sliding mechanism. Seat depth adjustment range should be of <math>6.0 \pm 0.5</math> cm.</li> <li>• The Back Frame should be connected to the Up/Dn mechanism housed in Plastic T spine. It can be adjusted in the range of <math>7.42 \pm 0.5</math> cm for the comfortable back support to suit individual need.</li> <li>• The pedestal should be High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be <math>65.0 \pm 0.5</math> cm. pitch-center dia. <math>(75.0 \pm 1.0</math> cm. With castors.)</li> <li>• The twin wheel castors should be Injection moulded in black PP having <math>6.0 \pm 0.1</math> cm wheel Diameter.</li> </ul>
45	Book rest	400	<ul style="list-style-type: none"> <li>• Supplying and placing of book rest of dimensions : <math>178 \times 232 \times 1.6</math> mm (+/- 0.5 mm tolerance)</li> <li>• Material - CRCA Steel</li> <li>• Finish : Powder Coated</li> <li>• Thickness : 1.6 mm (+/- 0.5 mm tolerance)</li> </ul>
46	Visitor chair for library reading room	560	<ul style="list-style-type: none"> <li>• Providing, supplying and placing of Visitor Chair with overall dimensions of Width &amp; Depth of Chair as measured from pedestal - Width-61.0 cm and Depth-64 cm, Seat Height - 46 cm and Height - 90 cm with tolerance of <math>\pm 1</math> cm.</li> <li>• The seat assembly should be made up of <math>1.2 \pm 0.1</math> cm. thick hot-pressed plywood , upholstered with fabric upholstery covers and moulded Polyurethane foam with seat size 47.0 cm. (W) x 48.0 cm. (D)</li> <li>• The back assembly. should be made of powder coated (OFT 40-60 microns) tubular frame of <math>02.54 \pm 0.03</math> cm. x <math>0.2 \pm 0.016</math> cm.thk. MS ERW tube designed with contoured lumbar support for extra comfort.</li> <li>• The back should be upholstered using double layer spacer mesh fabric with high tenacity yarn with back size 46.0 cm. (W) x 60cm. (H)</li> <li>• The HR polyurethane foam should be moulded with density <math>=45 \pm 2</math> kg/m<sup>3</sup> and hardness load <math>16 \pm 2</math> kgf for 25% compression.</li> <li>• The one-piece armrests should be injection moulded from black Co-polymer Polypropylene.</li> <li>• The powder coated (DFT 40-60.microns) tubular frame should be cantilever type &amp; made of <math>02.54 \pm 0.03</math> cm. x <math>0.2 \pm 0.016</math> cm thick M.S.E.R.W. Tube.</li> </ul>

Note: There is acceptable tolerance of +/-5 mm in the specifications. However, the technically better material being offered by any agency is accepted, no additional impact will be taken into consideration on this account.

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