

CHAIRS SPECIFICATIONS

A Tip-up seat which is spring free with a Gravity tip-up movement and warranted for 1 year with counter weight theory 21/ 22 / 23 inch.

TECHNICAL SPECIFICATIONS

Structure:

- Stand – To be 200 x 75 x 6mm M.S Flat welded to 38 x38 x 2mm with CRCA – Tube – 22” long further supported to 38 x 38 x 2mm – Tube – 11” long.
- Tip – Up movement supported by 200 x 75 x 6 mm M.S.Flat with M.S. twin support 12 mm in Dia.
- Seat Bracket to be 12 x 25 x 100 mm M.S.Flat welded to a plate of 80 x 100 x 3 mm.
- Back Bracket to be 200 x 70 x 70 mm by 1.6 mm CRCA sheet with 2 longitudinal holes for bolting.
- Rocking mechanism with 2 fibre glass plates of 80 x 230 x 8 mm.
- Rocking Bracket : 3 angled bracket of 300 x 50 x 6 mm supported by plate of 130 x50 x 5 mm in 2 sets. Fibreglass bracket of size 50 x 70 x5 mm with M.S stopper of size 9 Dia. Bent plate to be of size 160 x 50 x 5 mm supported by rubber washer for noise free rocking.

Seat

- Chair seat size to be of 460 x 490 mm with thickness of 130 mm. Inner seat to be made of 19 mm plywood moulded ergonomically with PU form of size 460 x 490 x 80 mm.

Seat Shell

- 580 x 540 x 2.65mm ABS virgin plastic in sheet form duly embossed & Manufactured by vacuum forming process

Back

- 38mm PU Foam of size 600 x 480 x 38mm inner ply to be 600 x 480 x 12mm curved and bend. Ergonomic lump in the lower part of the seat 170 x460mm.

Back Shell

- 780 X 540 X 2.65mm shell duly embossed bent and formed by ABS.

Side Panels

- All side panels to be of 12mm plywood covered with fabric and fused with foam, side panel to cover all metal parts.

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Arm rest - Wooden Handles

- To be of size 425 x 25 x 55 mm depending on the ctc of the chair.

Polyurethane foam:

- Seat Density : 50 ± 5 kg/m³
- Backrest density : 48 ±5 kg/m³

Eligibility Conditions for Vendors

- Company to be an ISO-9001 and Member of BIFMA.
- In-house Capabilities –
Vendor to have PU Injection/CNC cutting/Laser Cutting/Vacuum forming of Plastic/ 7 Tank powder coating/Conveyor assembly/Robotic welding /Circular grinding saw with wide belt grinding/Sanding/Polishing.
- Testing – Having equipment for measuring thickness/Densities.
- Vendor to be manufacturer and to have completed atleast one project of Order value of Rs 50 lacs or 2 projects of Rs 30 lacs each with minimum Company turnover of Rs 5 crores during last three years.

Fabric

100% polyester stretch fabric, to be fused with 5/7.5 mm foam, wherever quilting is required.

Powder coating

To be by hoist and crane system followed by degreasing / derusting /Activation followed by 7 Tank powder coating process.

Note:- The fabric should be fire retardant of make **NEXGEN, RSWM, RESPONSE FABRICS.**

Warranty 1 +1yr against manufacturing defect.

Notes

Please Furnish :-

1. **Details of specifications of your products, if different from above.**
2. **Profile of your Company and names of institutions/auditoriums where your chairs have been supplied.**

Quotation with Terms & Conditions to be sent at E-mail yps.pat@gmail.com and hard copy by Regd Post duly addressed to `Director, Yadavindra Public School, Patiala – 147001.