

SPECIFICATIONS

Sl. No.	Specifications
1	Supply & Installation of auditorium chair with the following specifications: Seat assembly: the seat assembly is made of polyurethane foam moulded with mild steel . tubular frame inserts which is upholstered with fabric. the insert is tubular frame made of 19 mm x 1.6 mm thick mild steel. Electric resistance welding round tube with flexible support straps running across the length and width of the frame. the seat shall have an auto-tip up feature making it stay in upright position when not in use enabling clear row passage. The seat size: 455mm (w) x 465mm (d), upon applying load of 57 kgs on the seat from drop height of 36mm and drop cycle at 10-30 cycles per minute there should be no loss of serviceability and disengagement. Backrest assembly: the back assembly shall have a flexi back mechanism : it will be made of polyurethane foam moulded with mild steel. tubular frame inserts, upholstered with fabric and shall have a plastic back cover. the insert is a tubular frame made of 19mm x 1.6 mm thick mild steel. Electric resistance welding round tube with flexible support straps running across the length and width of the frame. Approx. back size : high back- 455mm (w) x 824mm (h).high resilience (hr) polyurethane foam: the hr polyurethane foam is moulded with density 45 kg/m³ and it should be manufactured in house. Side panel / aisle panel: the chair shall rest on the ground on two side panel frames fabricated from 12 mm thick cold rolled steel sheet which is clad with fabric upholstery. the side panel frame is grouted to the floor using 2 nos. of anchors for each panel through 3 mm thick steel base plate. The product should be manufactured from a manufacturing unit that should be certified from the confederation of Indian industry as zero waste to landfill. Poly urethane armrest: the armrest is made up of integral skin polyurethane foam with 65 +/- 10 shore 'a' hardness and reinforced with wooden insert. The armrest is snap fitted with side panel. The steel components shall have epoxying polyester powder coating with dry film thickness of 40-60 microns. The seat assembly should have lights on sides for seats along the aisles using PP housing with 12 watt lamp. Aluminum cut-outs available for row & seat numbering. The seat assembly should have 2 back mounting brackets, 10 no's- integrated socket button head socket hex cap screw m8x16, 4 no's of integrated hexagonal bolt m8x25l zn black and seat mounting pivot fix poly urethra arm top and c channel for foundation bolt.