## SPECIFICATIONS FOR VISITOR CHAIR REVOLVING

- 1. The seat shall be made up of 1.2 +/- 0.1 cm thick hot-pressed plywood & upholstered with synthetic leather over moulded polyurethane foam.
- 2. The dimensions of the seat should be around 49.0 cm (W) x 51.4 (D) and that of the back should be around 51.6cm (W) x 65.7 cm (H).
- 3. High Resilience (HR) polyurethane foam should be used in making the seat & back which shall be moulded with density 45 +/- 2 kg/m <sup>3</sup> and hardness load 16+/- 2 kg as per IS: 7888 for 25% compression.
- 4. The adjustable armrests are designed with up-down adjustment in 8 steps (8.0+/-0.5 range).
- 5. The height adjustable armrest structure is chrome plated and fitted with PU moulded over a metal insert fixed armrest top.
- 6. The mechanism of the chair shall have the following features: 360° revolving type, Single point control, Tilt tension adjustment, 4 positions locking with the anti-shock feature, seat back tilt ratio 1:2, the front pivot for a tilt with feet resting on the ground ensuring more comfort.
- 7. The Back can be adjusted in 5 positions manually. Stroke of height adjustable spine is 7 cm. The chair shall be provided with pneumatic height adjustment which shall have a stroke of 10.0 +/- 0.3 cm. The back can be adjustable up and down manually also set slide feature should be in the chair.
- 8. The pedestal is High-Pressure Die-cast polished Aluminum and fitted with 5 nos. twin wheel castors. The pedestal is  $65.0 \pm 0.5$  cm. pitch-center dia.  $(75.0 \pm 1.0$ cm. With castors).
- 9. The twin wheel castors are injection moulded in black PP.
- 10. Seat can be slide horizontally as per user convenience. The stroke of the seat slide is 5 cm.
- 11. Overall dimensions of Chair shall be, Width of Chair 67.5cm approx, Depth of Chair 67.5 cm approx. as measured from pedestal below.
- 12. Height from the ground min 92.0 to max 110.0cm. Seat height min 45.0 to max 55.0cm.
- 13. Product should carry the UL Green guard certificate and should reflect on the website for validation, the certificate along with the test report, OEM specification sheet and

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Page 1 of 2

reference image to be attached to the technical bid. Which could be verified at the time of the technical bid.

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14. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO-14001:2015 and ISO-18001:2007, ISO13485, BIFMA Level at least one product reflecting on the website, AIOTA, and UL green guard certification.

Page 2 of 2