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|----------|---|----------------------|-----|--|-----|--|-----|---|----------------------|
| | CRCA Rectangular pipe of cross-section of 60 x 30 mm and 2 mm thickness shall be used with 70-80 microns pure epoxy powder coating. • | | Yes | | Yes | | Yes | | |
| | Horizontal members shall be connected using C-clamps/U-clamps with two adjacent C-Frames at a distance of 1500 mm together and that shall form the skeletal structure of the work bench on which the worktop can be placed. | | yes | | yes | | yes | | |
| 4 | Removable Back Panels | | | | | | | | |
| | Removable back panels cover the service lines that run behind them. | | Yes | Additional back panel sheet has to be provided | Yes | Additional back panel sheet has to be provided | Yes | | |
| | These should be easily removable (unclipped) and the service line be accessed for maintenance. This allows the equipment on the workbench to remain undisturbed | | Yes | | Yes | | Yes | | |
| | They should be made of CRCA sheet 1.2 mm of thickness and provided with 70-80 microns pure epoxy powder coating. | | Yes | | Yes | | Yes | | |
| 5 | Side Cover and Filler Panels | | | | | | | | |
| | All side cover and filler panels should be made from CRCA sheet of 1.2 mm thickness with 70 – 80 microns pure epoxy powder coating. | | Yes | | Yes | | Yes | | |
| 6 | Electrical Trunking | Sample not submitted | | | | | | | Sample not submitted |
| | The trunking for housing electrical switches and sockets shall be made from 1.2 mm thick CRCA sheet with 70 – 80 microns pure epoxy powder coating. | | Yes | | Yes | | Yes | | |
| | It should be available as single sided configurations (as per schedule of requirement) along with screwed caps | | No | Removable cover must be provided at end | No | Removable cover must be provided at end | No | Removable cover must be provided at end | |
| | The front surface that houses the electrical points should have a slope. | | Yes | | Yes | | Yes | | |
| | Each table should have 4 nos. of two in one 6/16 amp plug points with MCB. (2 plug pins in a single socket). | | Yes | | No | Not provided (MCB) | Yes | | |
| | | | | | | | | | |
| | | | Yes | | Yes | | Yes | | |
| 7 | Worktop | | | | | | | | |
| | Jet Black Granite worktop should be of 18 + 2 mm thick. | | Yes | | Yes | | Yes | | |
| | The front edge of the granite must be chamfered properly at an angle of 28 degrees and should be properly smoothed. | | No | Not available | Yes | | Yes | | |
| | The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages | | Yes | | Yes | | Yes | | |
| | The overhang for the worktop is 25 mm at the front side and 30 mm at the sides. | | Yes | | Yes | | Yes | | |

| | | | | | | | | | |
|--|---|-----------------------------|------------|---|------------|---|------------|---|-----------------------------|
| | The backing material used is a neoprene mat of 6 mm thickness | Sample not submitted | Yes | | Yes | | Yes | | Sample not submitted |
| | All front corners shall be smoothly curved; and sharp corners should be avoided | | Yes | | Yes | | Yes | | |
| | Recommendations/ Observations | | | Recommended with above observations for the opening of price bid | | Recommended with above observations for the opening of price bid | | Recommended with above observations for the opening of price bid | |

SAMPLE EVALUATION REPORT

| S.No | Item Description | M/s Durian Mumbai | | M/s Citizen Pvt. Ltd Bangalore | | M/s Geeken seating Pvt. Ltd, New Delhi | | M/s Modern lab India Chennai | | M/s Twenty first century, Pvt, Ltd, Indore |
|------|--|-----------------------------|---------|-----------------------------------|---------|---|---------|---------------------------------------|---------|---|
| | | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks | |
| | SET-2 (Under bench trolley) | | | | | | | | | |
| 1 | The complete GI material of cabinet in a weld less construction is pre-treated (degreased, Zinc phosphated) and epoxy powder coated for better corrosion resistance. Aluminium flush handles are to be provided. | Sample not submitted | | Yes | | Yes | | Yes | | Sample not submitted |
| | The thickness of powder coat shall be 70-80 microns conforming to relevant BIS code, which accordingly passes the test of Salt Spray for 1000 hours and having the scratch hardness of 3 kg | | Yes | | Yes | | Yes | | | |
| | The cabinet should be excellent corrosion resistant and spillage proof against acid and alkaline solutions | | Yes | | Yes | | Yes | | | |
| | Cabinet should be of square non-sharp edge construction. | | Yes | | Yes | | Yes | | | |
| | Module sheet thickness should be 1.2 mm or more | | Yes | | Yes | | Yes | | | |
| | The cabinet should consist of one drawer and two shutters as per the diagram. | | Yes | | Yes | | Yes | | | |
| | Drawer tray should be of single piece construction | | Yes | | Yes | | Yes | | | |
| | The drawer trays should be mounted on telescopic slides capable of bearing a load of 45 kg | | Yes | | Yes | | Yes | | | |
| | Castor wheels with a locking system are to be provided | | Yes | | Yes | | Yes | | | |
| | Provide Auto-closing type hinges in SS construction (hidden-type) with 180° opening | | Yes | | Yes | | No | Auto closing hinges were not provided | | |
| | Should facilitate an adjustable shelves system | | Yes | | Yes | | Yes | | | |
| | Provide Lock with two keys each for drawer and shutter. | | Yes | | Yes | | Yes | | | |
| 2 | Construction Detail: Cabinet end panels; min. 1.2 mm thick GI Sheet | | Yes | | Yes | | Yes | | | |
| | Cabinet rear panel and top panel; min. 1.2 mm thick GI sheet | | Yes | | Yes | | Yes | | | |
| | Cabinet base skid; 1.2 mm thick GI Sheet | | Yes | | Yes | | Yes | | | |
| | Cabinet drawers; 1.2 mm thick GI Sheet | Yes | | Yes | | Yes | | | | |
| | Cabinet shutters & drawer front panels; double skin const. min 0.8 mm thick GI sheet | Yes | | Yes | | Yes | | | | |
| | Cabinet main frame structure and drawer slide rails, 1.6 mm thick GI Sheet | Yes | | Yes | | Yes | | | | |

| | | | | | | | | | |
|--|--|-----------------------------|--------------------|---|---|--|------------------------|---|-----------------------------|
| | Suitable 4 Nos of castor wheel in each cabinet (Front 2 Nos are lockable and Rear 2 Nos are un-lockable) | | Yes | | Yes | | Yes | | |
| | Dimensions Length -600 mm Width-500 mm Depth -635 mm | | Yes | Dimensions Length -600 mm Width-500 mm Depth -635 mm | NO | Dimensions Length -600 mm Width-500 mm Depth -570 mm Depth of rack has to increase 60mm | NO | Dimensions Length -600 mm Width-500 mm Depth -570 mm | |
| | Recommendations/ Observations | Sample not submitted | Recommended | | Recommended with above observations for the opening of price bid | | Not Recommended | | Sample not submitted |

SAMPLE EVALUATION REPORT

| S.No | Item Description | M/s Geeken seating Pvt. Ltd, New Delhi | | M/s Twenty first century, Pvt, Ltd, Indore | |
|------|---|--|---|--|---------|
| | | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks |
| | SET-3 (wall mounted cabinets) | | | | |
| 1 | The cabinets should be suitable for mounting on wall. The cabinets shall be fabricated out of Galvanized Iron (Zinc coated). Cabinets should be provided with 1 adjustable shelf. | Yes | | Not submitted sample | |
| | Proper design, stiffening/ structural members should be provided for strength and rigidity. | Yes | | | |
| | Front door of the cabinet shall be in twin door design having glass panel with metallic frame in Galvanized Iron construction. No of Shelves: 1 shelf, forming 2 compartments. Shelf should be adjustable in height. | Yes | | | |
| 2. | Construction Detail: | | | | |
| | End Panel, Top Panel & Bottom Panel: 1.2 mm thick Galvanized Iron Sheet | Yes | | | |
| | Rear Panel: 1.2 mm Galvanized Iron Sheets | Yes | | | |
| | Front door: 5 mm thick transparent glass with metallic frame in GI construction | Yes | | | |
| | Shelf: 1.2 mm thick GI sheet | Yes | | | |
| | Door Supporting frames: 1.6 mm thick GI Sheet | Yes | | | |
| | Door Hinges: Knuckle and Barrel type SS hinges | Yes | | | |
| | Door handles: SS 304 const or better. | Yes | | | |
| | Lock: - With two keys for doors | Yes | | | |
| 3 | Dimensions Length -750 mm Width-350 mm Depth -600 mm | Yes | Dimensions Length -750 mm Width-350 mm Depth -750 mm Depth must be reduced to 600 mm | | |
| | Recommendations/ Observations | Recommended with above observations for the opening of price bid | | Not submitted sample | |

SAMPLE EVALUATION REPORT

| S.No | Item Description | M/s Durian Mumbai | | M/s Geeken seating Pvt. Ltd, New Delhi | | M/s Twenty first century, Pvt, Ltd, Indore | |
|------|--|------------------------|---|---|---------|--|------------------------------------|
| | | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks |
| | SET-4 (Chairs) | | | | | | |
| 1 | STUDENT CHAIRS (Type 1-UG Labs) (The chair should be capable of carrying load of 150 kgs. | Yes | | Yes | | Yes | |
| 2 | The seat is to be made up of 1.2 ± 0.1cm thick flat plywood and with moulded Polyurethane foam and are-upholstered with replaceable synthetic leather covers | Yes | | Yes | | yes | |
| 3 | The back foam is to be designed with contoured Lumbar support for extra comfort. The upholstery is available in synthetic leather | Yes | | Yes | | yes | |
| 4 | HR polyurethane foam moulded with density of 45 ± 2 kg/m ³ and Hardness load 16 ± 2 kgf as per IS: 7888 for 25% compression shall be provided | Yes | | Yes | | yes | |
| 5 | The manual height adjustment shall be done with knob and to be locked at the most comfortable position. Overall height without extension 103 cm (Approximately) with 10 cm height adjustment facility with hand rest | Yes | | Yes | | No | 85 mm up and down |
| 6 | The five -prong pedestal is to be fabricated from 0.2 ± 0.02 cm thick HR sheet powder coated (DFT 40-60 microns) and fitted with an injection moulded black Polypropylene Hub Cap and 5 nos. twin wheel castors. The pedestal is 55.0+0.5 cm pitch-circle diameter (65.0+-1.0 cm with castors). Circular foot - ring of diameter 52.0 ± 0.2 cm made up of dia 1.9 ± 0.2 x 0.12 ± 0.0096cm thick MS ERW Tube for foot support in High-base stool. | No | Circular footrest & revolving wheels are not available. | Yes | | No | Circular footrest is not available |
| 7 | Injection moulded twin wheel castors in Black Nylon shall be provided. | Yes | | Yes | | Yes | |
| | Recommendations/ Observations | Not Recommended | | Recommended for the opening of price bid | | Not Recommended | |

SAMPLE EVALUATION REPORT

| S.No | Item Description | M/s Durian Mumbai | | M/s Geeken seating Pvt. Ltd, New Delhi | | M/s Twenty first century, Pvt, Ltd, Indore | |
|------|---|--------------------|--|--|---------|--|--|
| | | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks | Complied (Yes/ No) | Remarks |
| | SET-4 (Chairs) | | | | | | |
| 1 | Overall Dimensions of Chair: a. Seat Height - 450 mm ± 5mm b. Overall Height - 920 mm ± 5mm c. Seat width - 480 mm ± 5mm d. Seat depth - 480 mm ± 5mm e. Backrest height - 570 mm ± 5mm f. Backrest width - 440 mm± 5mm | Yes | | Yes | | Yes | |
| 2 | Seat assembly should be 12 ±1mm thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam | Yes | | Yes | | Yes | |
| 3 | Backrest should be made up of upholstered using double-layer spacer mesh Fabric with high tenacity yarn. The backrest is made of one-piece injection moulded frame. The backrest should be symmetrical lumber support | Yes | The lumber support is not comfortable It is provided without fabric support. | Yes | | Yes | The lumber support is not comfortable It is provided without fabric support. |
| 4 | HR polyurethane foam should be moulded with density of 45 ± 2 kg/m ³ and hardness load 16 ± 2 kgf for 25% compression | yes | | Yes | | yes | |
| 5 | One-piece armrests should be injection moulded from black copolymer polypropylene. | NO | Arm rest provided with multiple peace of poly propylene | yes | | NO | Arm rest provided with multiple peace of poly propylene |
| 6 | Center-tilt mechanism should be designed with the following features: a. 360° revolving type b. 17° ±2° maximum tilt on a pivot at the Centre c. Upright position locking d. Tilt tension adjustment | Yes | | Yes | | Yes | |
| 7 | Pedestal should be injection moulded in black 33% glass filled nylon and 5 Nos. Twin wheel castors. The pedestal should be 620 ±5 mm. Pitch-center dia. (720 ± 10 mm with castors) | NO | Provided with Chrome Plate | Yes | | Yes | |
| | Pneumatic height adjustment has an adjustment stroke of 120 ± 5mm | Yes | | Yes | 120 mm | Yes | 127 mm |
| | Twin wheel castors: The twin wheel castors should be injection moulded in black nylon. The chair should be capable of carrying load of 150 kgs | Yes | | Yes | | Yes | |
| | Recommendations/ Observations | Not Recommended | | Recommended for the opening of price bid | | Not Recommended | |

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