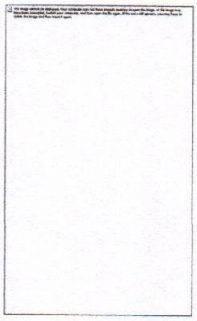
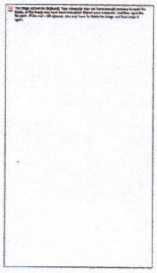
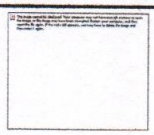
S. K. Medical College, Muzaffarpur
All Item should be of reputed brand

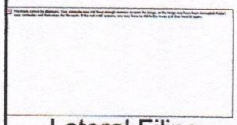
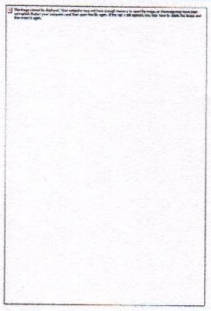
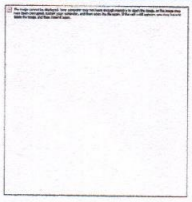
List of Furniture (2018 – 2019)

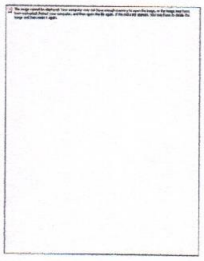
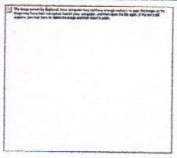
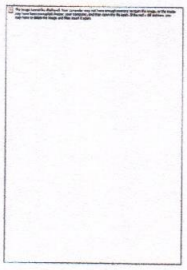
Sl. No.	Item	Specification
1	Electrical Table with Wire Manager	Electrical Table of over all size : 3700mm (L) x 1520mm (W) x 900mm (H) approx. The steel frames, panels & shutters are made from Prime Quality CRCA Steel. All cabinet bodies are of over closing design with fully knock down construction and having a main and add on construction to avoid any gaps in between two units. All units have interlocking type construction to form a rigid integral structure. These units are supported on wide base high grade plastic legs of diameter 40 mm. These legs are height adjustable with a range of +/- 50 mm. Each unit has a locking facility with 180° and 10 lever cam lock mechanism. • Surface Treatment: The complete M.S. material to be pre–treated and epoxy powder coated. The thickness of powder coat to be 50 microns, which passes the test of Salt Spray for 1000hrs and having Scratch Hardness of 3Kgs. • Cabinet frame: Frame of 1.2mm horizontal stiffeners and 0.8mm vertical panel of CRCA MS sheet. • Cover panels: All panels 0.8mm thick CRCA MS sheet. • Shelves and Drawers: CRCA shelves have a load carrying capacity of 40kg per shelf and overall carrying capacity of 80kg of UDL of a cabinet. • Door Pulls: Pull should be SS steel (SS304) with D type construction. Flush pulls for sliding doors should be of PVC, providing a recessed finger grip. • Slides: High precision Double Extension Ball slides which enable the drawer to open fully with a 15kg load in the drawer. • Shutters: Metal Shutters are double walled and made up of 0.8mm thick CRCA MS sheet with profil inserts and 40-50 microns pure epoxy powder coated. • Legs: All Legs to be made of plastic with a load carrying capacity of 450 kg/each. All units to be on plastic legs for better clean ability of the lab area. Leg should be able take evenness of the floor. It should have at least 50mm adjustability. • Storage Units: Storage unit with one drawer, one/ two shutters and one adjustable shelf. **Electrical Trunking** - Electrical trunking should be made up of of 0.8mm thick CRCA MS Sheet. The complete M.S. material of cabinet to be pretreated and epoxy powder coated for better corrosion resistance. The thickness of powder coat to be 45-50 microns. It should have a high temperature withstanding capacity with excellent electrical insulation properties. The rear portion of above accessories which is in contact with live metal should be be made from thermo set material which should not melt on heating. **Switches and Sockets** – It should be made of High gloss virgin grade engineering thermoplastics to impart a defect free surface. It should also impart excellent electrical insulation properties i.e. should not melt on heating or catches fire. Owing to this all electrical switches and sockets should be capable of handling higher currents and operating temperatures. Front plates should be able to be changed at any time with ease without disturbing the wiring to quickly and economically match changes in the surroundings.
2	Practical Table	**Practical Table** of Size in mm: 3760L x 1520W x 900H approx. with Granite Top and Understorage of Shelf & Drawer made of Steel Frame Panels & Shutters having provision for fitting of accessories like Reagent Racks, Gas Valve, Sink and Water Tap. The steel frames, panels & shutters are made from Prime Quality CRCA Steel. All cabinet bodies are of over closing design with fully knock down construction and having a main and add on construction to avoid any gaps in between two units. All units have interlocking type construction to form a rigid integral structure. These units are supported on wide base high grade plastic legs of diameter 40 mm. These legs are height adjustable with a range of +/- 50 mm. Each unit has a locking facility with 180° and 10 lever cam lock mechanism. • Surface Treatment: The complete M.S. material to be pre–treated and epoxy powder coated. The thickness of powder coat to be 50 microns, which passes the test of Salt Spray for 1000hrs and having Scratch Hardness of 3Kgs. • Cabinet frame: Frame of 1.2mm horizontal stiffeners and 0.8mm vertical panel of CRCA MS sheet. • Cover panels: All panels 0.8mm thick CRCA MS sheet. • Shelves and Drawers: CRCA shelves have a load carrying capacity of 40kg per shelf and overall carrying capacity of 80kg of UDL of a cabinet. • Door Pulls: Pull should be SS steel (SS304) with D type construction. Flush pulls for sliding doors should be of PVC, providing a recessed finger grip. • Slides: High precision Double Extension Ball slides which enable the drawer to open fully with a 15kg load in the drawer. • Shutters: Metal Shutters are double walled and made up of 0.8mm thick CRCA MS sheet with profil inserts and 40-50 microns pure epoxy powder coated. • Legs: All Legs to be made of plastic with a load carrying capacity of 450 kg/each. All units to be on plastic legs for better clean ability of the lab area. Leg should be able take evenness of the floor. It should have at least 50mm adjustability. • Storage Units: Storage unit with one drawer, one/ two shutters and one adjustable shelf.
3	Practical Table Accessories (Reagent Racks)	**Reagent Racks** for Each Pracitcal Table Double Sided 2 tier shelf of size 300mm (D) and 660mm (H) of 1 Main Unit - 1500mm (W) & 1 Addon Unit - 1500mm (W) made from Prime Quality CRCA Steel of 0.8mm thickness, pre-treated and epoxy powder coated. The thickness of powder coat to be 50 microns. **Switches and Sockets** for Reagent Racks – It should be made of High gloss virgin grade engineering thermoplastics to impart a defect free surface. It should also impart excellent electrical insulation properties i.e. should not melt on heating or catches fire. Owing to this all electrical switches and sockets should be capable of handling higher currents and operating temperatures. Front plates should be able to be changed at any time with ease without disturbing the wiring to quickly and economically match changes in the surroundings.
4	Practical Table Accessories (Gas Valve)	**2 Way Gas Valve** for each Practical Table Double at 180° Laboratory Push/turn Gas Valve fitting Deck mounted with POP - UP indicator disc for LPG

10/7/18

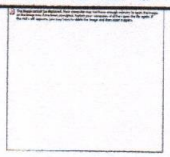
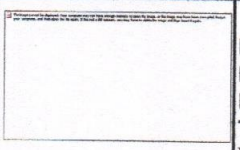
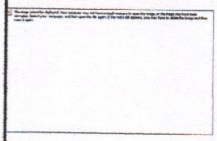
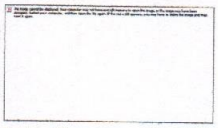
5	Practical Table Accessories (Sink Assembly with Water Tap)	**Sink Assembly with Water Tap** for each Practical Table It Contains Sinks and Accessories & Water Faucets. Ceramic Sink of Overall Size: 515 x 375 x 145 (mm) Bushing Nut for Ceramic Sink of Size: 1-1/4" x 1-1/2" (32 x 40) Waste Coupling for Ceramic Sink of size: 1 1/4" dia & 3" L Anti-Siphon bottle trap of Size: 38mm Flexible/ F Serated Connector of size: 38mm x Length = 1m and 3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck.
6	Practical Table (Wall Side)	**Practical Table for Wall Side Area** of Size in mm: 3700L x 760W x 900H approx. with Granite Top and Understorage of Shelf & Drawer made of Steel Frame Panels & Shutters. The steel frames, panels & shutters are made from Prime Quality CRCA Steel. All cabinet bodies are of over closing design with fully knock down construction and having a main and add on construction to avoid any gaps in between two units. All units have interlocking type construction to form a rigid integral structure. These units are supported on wide base high grade plastic legs of diameter 40 mm. These legs are height adjustable with a range of +/- 50 mm. Each unit has a locking facility with 180° and 10 lever cam lock mechanism. • Surface Treatment: The complete M.S. material to be pre–treated and epoxy powder coated. The thickness of powder coat to be 50 microns, which passes the test of Salt Spray for 1000hrs and having Scratch Hardness of 3Kgs. • Cabinet frame: Frame of 1.2mm horizontal stiffeners and 0.8mm vertical panel of CRCA MS sheet. • Cover panels: All panels 0.8mm thick CRCA MS sheet. • Shelves and Drawers: CRCA shelves have a load carrying capacity of 40kg per shelf and overall carrying capacity of 80kg of UDL of a cabinet. • Door Pulls: Pull should be SS steel (SS304) with D type construction. Flush pulls for sliding doors should be of PVC, providing a recessed finger grip. • Slides: High precision Double Extension Ball slides which enable the drawer to open fully with a 15kg load in the drawer. • Shutters: Metal Shutters are double walled and made up of 0.8mm thick CRCA MS sheet with profil inserts and 40-50 microns pure epoxy powder coated. • Legs: All Legs to be made of plastic with a load carrying capacity of 450 kg/each. All units to be on plastic legs for better clean ability of the lab area. Leg should be able take evenness of the floor. It should have at least 50mm adjustability. • Storage Units: Storage unit with one drawer, one/ two shutters and one adjustable shelf.
7	Revolving Stool with Height Adjustment	Revolving Stool Hight Adj. Hi Back - DIMENSIONS (±1.0cm) : 65.0cm(W)x65.0cm(D)x66.0-77.5cm(H) Seat Height-45.0-56.5cm. SEAT ASSEMBLY : Seat size - Dia 40.0cm, Adjustments - 360° Revolving type. BACK ASSEMBLY : Back size - 45.0 cm (W) covered with polyurethane foam. HEIGHT ADJUSTMENT : The manual height adjustment is very easy to operate with a help of a knob. It can be easily locked at the most comfortable position. TWIN WHEEL CASTORS : The twin wheel castors are injection moulded in Black Nylon.
8	 4 Door Book Case	Size : 914 mm (W) X 320 mm (D) x 1742 mm (H) Construction & Material Rigid Knock down construction. • Top panel, Back panel and Side panel are made from 0.7mm high yield strength CRCA, rest in O.8mm CRCA Configuration (Doors) - 4 Door Door Features / Locking - Each Door has 6 Lever Cam lock with common key. Each Door has 3 mm Thk transparent glass for clear inside vision secured in a Metal Frame through rubber gasket. Each door has a Scissor mechanism for receding inside the top of respective compartment & ensures parallel & smooth movement. Each door has Plastic side end caps as Handle which is easy to grip Behind Storage Shelving - Each compartment has storage shelf Uniformly Distributed Load Capacity per each shelf is 80 Kg maximum. Top Panel - 4 Door has Inside Metal Top Panel Finish - Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).
9	 Book Rack Steel	1. Book Rack Single Sided having Product Size: Width 900mm, Height: 1850mm, Depth: 316mm 2. Construction: Rigid knockdown construction. 3. Material: Racks, Back Panels & Skirting of CRCA 0.8mm Thickness and Side panels: 26mm thk Prelaminated particle board (PLB) with laminate on both sides. 4. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). 5. Stackability: The add-on units can be stacked width wise to form a bank of racks having common side panel. 6. Number of Adjustable shelf: five adjustable shelves. (Total 6 Loading levels). Uniformly Distributed Load Capacity per each shelf is 80 Kg maximum. 7. Label holder & range indicator : Label Holder & Range indicator on each main unit for inserting labels. 8. Accessories: Optional stand of 125 mm Height with leveling screws.
10	 Imirah with Glassdo	**PRODUCT SIZE** : 916mm(W) x 486mm(D) x 1980mm#(H) #-Excluding Leveler. With 4 Glass windows in front doors for inside viewing. **LOCKING & HANDLE** : Brass handle & Two way locking mechanism with shooting bolt. **SHELVING** : Height wise adjustable shelf mounting. 4 Nos of adjustable full shelf. Box file A4 size (85Wx345Hx285D) can be stored vertically on three shelves and the clear space above fourth shelf is 240mm. **FINISH** : Epoxy Powder coated to the thickness of 50 microns (± 10)

10/7/18

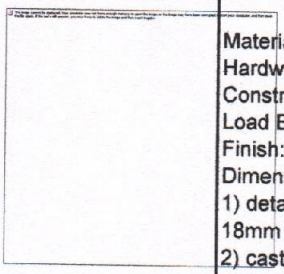
11	 Steel Almirah	**Size -** 1980mm (H) X 916mm (W) X 486mm (D), **Construction & Material -** Welded Construction, 0.7mm thick (±0.07mm) CRCA (D Grade as per IS:513) for shelf, 0.8mm thick (±0.08mm) High yield strength (D Grade High yield Strength as per IS:513) CRCA for Doors & Back, 0.9mm thick (±0.08mm) CRCA (D Grade as per IS:513) for all other components. **Locking & Handle -** Mazak Handle, Three way locking mechanism with shooting bolt. **Shelving -** Height wise adjustable shelf mounting, Uniformly distributed load capacity per each full shelf is 40 Kg maximum, 4 Nos. adjustable full shelf, **Leveler -** M10 Screw type leveler with hex plastic base. **Finish -** Epoxy powder coated to the thickness of 50 microns (±10)
12	Verticle Slidingdoor Unit	Dimension: 900 mm (W) x 450 mm (D) X 710 mm (H) Construction & Material § Rigid Knock down construction. Prime Quality CRCA Steel – 0.8 mm Thick. Sliding Door Arrangement § Sliding Door with top hanging arrangement to prevent derailment. Each door provided with 2 Plastic roller having steel ball bearing for smooth movement of door & less noise. VSDU 8 have Glass door for visibility of the content. Locking & handle : § Snap on type aesthetically appealing die cast 5 Lever Cam lock for safe locking. Plastic flush & recessed handle Shelving : · Height wise Adjustable Shelf Mounting- Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum & for half shelf it is 40 Kg.1 No. of Adjustable Full Shelf. Top option of Metal or Plain Wooden (PLB) Top (add in unit height 1 mm for Metal Top & 25 mm for PLB top) (Note: PLB top packed separately). Accessories Optional § Craddle with pipes for hanging Godrej Instadex files. Leveler § Screw type leveler with hex plastic base (add in unit height min.8mm & additional 5 mm max for adjustment). Finish § Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10).
13	 Lateral Filing Cabinet	1 Drawer Lateral Filing Cabinet plus seating for visitor having Cushion with slab stock foam and leatherite upholstery for comfortable seating. Safety ensured with cam lock and anti-rebound drawers. Skirting to maintain uniform looks with workstation design made from wooden drawer front. Over all size - 905mm (W) x 455mm (D) x 502mm (H)
14	 Chair 1	**Size** : Depth (D) - 57.0 cm Width (W) - 58.0 cm Height (H) - 88.0 cm Seat Height (SH) - 45.0 cm SEAT/BACK ASSEMBLY : The seat and back are made from chemically treated and seasoned wood, caned and finished with synthetic paint (Colour: Black with matt finish). *BACK SIZE: 45.1CM(W) X 39.0CM(H). *SEAT SIZE: 45.1cm(W) x 42.4cm(D). CANE FOR SEAT/BACK: Cane is made from mix of LDPE + HDPE Mix Material. The caning used for seat/back has high tensile strength as per IS: 5378 Part II, 1990. Cane breaking strength = 3000 Kg/cm 2 (min.) % Elongation at break =25%. ARMREST TUBE : The armrest tube is made of M.S. E.R.W. tube dia. 2.54cm. (1") x 16BG thick and welded to the understructure assy. ARMREST : The armrest is gas-assisted injection moulded from black Polypropylene. UNDERSTRUCTURE ASSEMBLY : The understructure assembly is a cantilever type frame made of dia. 2.54cm. (1") x 14BG. thick M.S. E.R.W. tube and powder coated.
15	 Chair 2	Chair of Over all size : 43.1cm (W) x 57.5cm (D) x 88.0cm (H) & 45.0cm (SH) SEAT/BACK ASSEMBLY: The seat and back are made from chemically treated and seasoned wood, caned and finished with synthetic paint (Colour: Black with matt finish). *BACK SIZE: 38.1CM(W) X 39.0CM(H). *SEAT SIZE: 38.1cm(W) x 42.4cm(D). CANE FOR SEAT/BACK: Cane is made from mix of LDPE + HDPE Mix Material. The caning used for seat/back has high tensile strength as per IS: 5378 Part II, 1990. Cane breaking strength = 3000 Kg/cm2 (min.) % Elongation at break =25%. UNDERSTRUCTURE ASSEMBLY: The understructure assembly is a cantilever type frame made of dia. 2.54cm. (1") x 14BG. thick M.S. E.R.W. tube and powder coated.

16	 Table with 1 Drawer	Table Size in mm = 1200 X 600 X 750 having top made of 18 mm thick superior quality pre-laminated particle board of Grade II Type II conforming to IS:12823 of approved quality and shade. The edges of the table shall be banded with PVC strip 2 mm thick using hot melt glue under heat and pressure. The table top shall be supported by 1 mm thick M.S. 'C' frame stiffener of size 24.2 mm (W) x 38 mm (H). The table shall have 4 legs made of Electric Resistant Welded prime quality CRCA steel round tubular frame of Dia 25.4mm size and of 1.2mm thickness. The base of legs of the tables shall be covered with plastic caps. The table shall have one no. drawer units i.e right side drawer unit shall have three box drawers. And overall size of drawer 355 mm (W) x 560 mm (D) x 430 mm (H). The drawer unit shall be made of 0.8 mm thick CRCA sheet and drawer trays shall be made of 0.6 mm thick CRCA sheet. The drawers shall glide on frictionless slides of 1.2 mm thick CRCA sheet and shall have a multi purpose steel lock with handles built in place. The drawer units to have a mechanism to ensure only one drawer opens at a time. Both the drawers are fitted to 'C' frame by machine screws. Joints shall be interlocked and welded to render a flawless appearance. All steel parts shall be pretreated for seven stage anti-corrosion treatment followed by powder coating of thickness 50–55 microns complete as per drawing and
17	 Table with Small DWR	Table of over all size - 900mm (W) x 590mm (D) x750mm (H) Top: Worksurface made of 18 mm thick superior quality pre-laminated particle board with edges duly sealed with 2mm thick PVC beading. Understructure: Made up of Tubular frame MS ERW SQ. Tube of 25.4mm x 25.4mm x 1.2mm Thick. Storage: 1 No. of Drawer Unit (DUN111) having Shell of thickness 0.5mm CRCA MS, Drawer Tray of thickness 0.5mm CRCA MS, Drawer Front of thickness 0.8mm CRCA MS, Lock - 10Lever Cam Lock and Handel - Built in Plastic.
18	 Revolving Chair High Back	Seat/Back Assembly: The seat is made up of 1.2 ±0.1cm thick hot pressed plywood measured as per QA method described in OCP-QLTA- P14-18 and upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back is made up of 1.2 ±0.1cm hot pressed plywood upholstered with fabric or synthetic leather upholstery covers and moulded polyurethane foam. The back ply and foam is designed with contoured lumber support for comfortable seating posture. High Back Size - 48cm (W) x 76cm (H). Seat Size - 51cm (W) x 48cm (D) Armrest (Adjustable): The armrest top is made up of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height is adjustable up to 6.5±0.5cm in 5 steps & also has swivel adjustment of 22° ± 2° on both sides. Knee Tilt Synchro Mechanism with Seat Deapth Adjustment Mechanism: The 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 feat- ure, Seat back tilting ratio of 1:2 & Seat depth adjustment of 6.0 ± 0.5cm can be locked in 6 positions. Adjustable Backrest: The backrest consists of a sliding up down mechanism, which can be adjusted in the range of 7.5 ± 0.5cm and can be locked in 4 positions for correct position of lumber support. Pneumatic Height
19	Revolving Chair High Back	"Model: Monarch High Back: The seat is made up of 1.2cm. thick hot-pressed plywood, upholstered with pure leather (Black) at body contact areas and polyurethane foam. The back is made up of Dia 10mm M.S tubular frame, upholstered with pure leather (Black) at body contact areas. The polyurethane foam for the seat is of density = 32 ±2 kg/cu.m and for the back is of density = 24 ±2 kg/cu.m. The armrest top is soft touch upholstered with pure leather mounted on to an injection moulded height adjustable type armrest. The mechanism is designed with the following features: § 360 degree revolving type. § Single point control. § Tilt tension adjustment. § 5-position locking with anti-shock feature Spine bracket is made of M.S. plate connecting the back with mechanism. The pneumatic height adjustment has an adjustment stroke of 8.5+/-0.5 cm. Pedestal is made of High Pressure Die-cast Aluminum fitted with 5 nos. twin wheel nylon castors (castor wheel diameter 5.0 cm). The pedestal is of 65.0cm Pitch Center Diameter and with castors the outer dimension is 75.0 cm. "

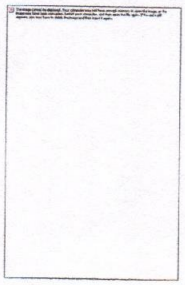
10/7/18

20	3 Seater Visitor Chair 1	Providing and placing 3 Seater Chair for TV Hall with Cross Beam: It is made up of black powder coated rectangular M.S.E.R.W tube having 8.0+-0.03 cm x 4.0 +-0.03 cm x 0.2 +-0.014cm size. Leg and armrest: It is chrome plated made of cold rolled steel with 0.12+-0.013 cm thickness. Seat/Back sheel: It is powder coated perforated shell made from cold rolled M.S.Sheet (DIN1623 Part 1 ST-12 Grade) 0.14 +-0.013 cm thickness. The side bar is made of Chrome plated solid steel 3.0+- 0.03 cm x 1.2+- 0.03 cm with fluting and plastic inserts. The shell is assembled on the cross beam with help of M8 bolts (per seat-8 nos. Seat to Bracket and 4 Nos. bracket to Cross beam) including numbering on each unit with white paint all complete as per direction of Engineer-in-charge (Including the serviced for 24 months free of cost).
21	Seater Visitor Chair	Metal Perforated 3 seater Bench having of size: W 1680 mm X D 570 mm X H 850 mm Seat height 460 mm, SEAT/BACK FRAME ASSEMBLY: The seat and back are made of 18BG thick CR steel perforated sheets which are welded to a seat/back frame assembly made of Dia. 1.9cm (3/4") x 16BG thk MS ERW tube. Connecting Strips made of 0.5cm thick HR steel are welded to the structure for assembly with the connecting beam. SEAT SIZE: 39.0cm. (W) X 41.5cm. (D) (Approx.) BACK SIZE: 39.0cm. (W) X 21.5cm. (H) (Approx.). ARMREST: It is made up of oblong tube of size 35mm x 15mm x 1.6Thk. & Dia. 15mm bright bar welded to seat & back frame assembly. CONNECTING BEAM ASSEMBLY: It is a U-shaped fabricated assembly made of Dia. 3.81cm. (1 ½") x 14 BG. MS ERW twin tubes.The connecting tubes are welded together with MS base plates made of 12BG thick CR. Steel and mounting plate made of 0.5cm thk HR Steel. Threaded inserts are provided on both ends of each connecting tube for fixing leg assembly on each side. The connecting beam assembly is powder coated. LEG ASSEMBLY: It is a 2-piece fabricated to form a box section made of 16BG thk. CR steel. Threaded nuts are welded to the box section for fixing adjustable glide screws. The leg assembly is powder coated. ADJUSTABLE GLIDE: The adjustable glide is injection moulded in black Nylon 6 and is used for level adjustment of the beam seating on uneven floor surface. It is fitted to the leg assembly.
22	 Table	Overall size in mm : 1800W x 900D x 740H having top made of 25 mm Thick Pre-laminated particle board (PLB) with 2mm Thick PVC Edge Beading. C - Frames - 1.6 mm thick M.S Cframe Supporting the Top. The table shall have 4 legs made of Electric Resistant Welded prime quality CRCA steel round tubular frame of Dia 38.1 x 1.6 mm thick M.S ERW tube.
23	 Executive Table 1	MAIN TOP: MDF+VENEER+PU Coating, Size: 3600 W * 1080 D * 750 H, TOP THICKNESS – 90 mm MOBILE PEDESTAL: MDF+Veneer+ PU Coating, Size: 480 W X 640 D X600 H mm ERU TOP: MDF+VENEER+PU Coating, Size: 1900 W X 480D X 550 (Not From Ground with Castors), TOP THICKNESS – 25 mm PU COATING HARDNESS - 1.5 H
24	 Executive Table 2	Main Desk with ERU & Pedestal made from - MAIN TOP - MDF + VENEER + PU Coating, Size: 1800 W * 900 D * 750 H, TOP THICKNESS – 65 mm. MODESTY- Size: 1640 X 600 X16 mm, MDF + Veneer + PU Coating. MOBILE PEDESTAL- MDF + Veneer + PU Coating, Size: 510W * 635H * 445D mm. ERU TOP - MDF + VENEER + PU Coating, Size: 1200W x 445D x 660H TOP THICKNESS – 25 mm. PU COATING HARDNESS 1.5H.
25	 Main Desk with ERU	Work Surface Size : 1665 x 900 x 25mm thick. Prelaminated Board. All work surface edges are dulysealed with 2mm thick beading. MS ERW square tube 30 x 30 x 1.6mm thick Prelaminated twin board of 18mm thick MS ERW tube of 32 x 19 x 1.6mm thick. ERU Size: 900 x 483 x 18mm thick.

10/11/18

26	Executive Table 3	**Overall size** in mm : 1650 (W) x 900 (D) x 728 (H) **Top :** **Worksurface** - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding **Understructure :** **Modesty Panel** - 18mm thk. Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding **Rectangular Frame** - Fabricated component in 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) **Leg** - Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester) **CPU Modesty** - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) **Plastic Cap for Cable travel** - Injection Moulded Polypropylene **Leveler glide for Leg** - Nylon 6 & MS Bolt **Storage : Pedestal** - Shell : 0.6mm thick CRCA (IS:513) , Finish: Powder coat (Epoxy polyester) Drawer Tray : 0.6mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Drawer Front : 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Frame Assembly : 1.2mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) Lock : 10 Lever Cam Lock Handle : Injection Moulded Polypropylene Leveller : Nylon6 & MS Bolt **Wire-Management :** **Horizontal Wire Carrier** - 0.7mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester) **Vertical Wire Carrier** - 0.8mm thick CRCA (IS:513), Finish: Powder coat (Epoxy polyester)
27	Revolving Chair without Arm	"Model: 4103: SEAT /BACK ASSEMBLY: The seat is made up of 1.2 cm +/- 1mmthick hot pressed plywood and back injection moulded from black Co-polymer Polypropylene are upholstered with fabric and moulded Polyurethane foam together with covers. The back foam is designed with contoured lumbar support for extra comfort. The chair is available in two models. BACK SIZE : 39.0cm(W) x 24.0cm.(H) SEAT SIZE : 45.5cm(W) x 41.0cm.(D) POLYURETHANE FOAM: The polyurethane foam is moulded with density = 45 +/-2 Kg./m3 and hardness = 16 +/-2 on Hampden machine at 25% compression. SEAT / BACK COVERS: The upholstered seat is covered on the underside with black Polypropylene non-woven fabric and the upholstered back is covered with a back cover injection moulded in black Co-polymer Polypropylene. ADJUSTABLE BACK MECHANISM: The adjustable back mechanism is designed with the following features: 3600 revolving type. Provision for backrest tube (3.5cm. x 1.5cm. x 16BG.) Back height adjustment 9.0 cm. Infinite locking of back height. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 11.0 cm +/- 3mm. PEDESTAL ASSEMBLY: The pedestal is fabricated from 0.2cm. thick HR sheet (IS: DD 1079/HR), powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal is 55.0cm +/- 5mm. pitch-center dia. (65.0 cm with castors). TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in Black
28	 Computer Table	Material: Top 18 mm Melamine laminated Particle Board & rest 15 mm Paper laminated Particle board Hardware: screw, KD Fittings, Castors Construction: Knock down Load Bearing Capacity: 30 Kgs. Finish: Melamine laminated Top & rest Paper lamination Dimensions: W 600 X D 450 X H 750 1) detailed specifications i.e. type of material, type of lamination, thickness of paper lamination used, Top 18mm melamine face chipboard, others 15mm chipboard laminated with decorative paper 2) castor size, how many lockable and how many unlockable etc. Castor size: 40mm x 45mm, 2 lockable, 2 unlockable Specification: 18mm melamine table top with 4 sides 2mm PVC edging, the rest 15mm PU paper lamination

Biswas
10/5/18

29	Computer Table	Material: Top 18 mm Melamine laminated Particle Board & rest 15 mm Paper laminated Particle board Hardware: screw, KD Fittings, Castors Construction: Knock down Load Bearing Capacity: 30 Kgs. Finish: Melamine laminated Top & rest Paper lamination Dimensions: W 900 X D 500 X H 750 1) detailed specifications i.e. type of material, type of lamination, thickness of paper lamination used, Top 18mm melamine face chipboard, others 15mm chipboard laminated with decorative paper 2) castor size, how many lockable and how many unlockable etc. Castor size: 40mm x 45mm, 2 lockable, 2 unlockable Specification: 18mm melamine table top with 4 sides 2mm PVC edging, the rest 15mm PU paper lamination
30	Table with 2 Drawer	Table Size in mm = 1365 X 680 X 750 having top made of 18 mm thick superior quality pre-laminated particle board of Grade II Type II conforming to IS:12823 of approved quality and shade. The edges of the table shall be banded with PVC strip 2 mm thick using hot melt glue under heat and pressure. The table top shall be supported by 1 mm thick M.S. 'C' frame stiffener of size 24.2 mm (W) x 38 mm (H). The table shall have 4 legs made of Electric Resistant Welded prime quality CRCA steel round tubular frame of Dia 25.4mm size and of 1.2mm thickness. The base of legs of the tables shall be covered with plastic caps. The table shall have two no. drawer units i.e right side drawer unit shall have three box drawers & left side drawer unit shall have two box drawers. And overall size of drawer 355 mm (W) x 560 mm (D) x 430 mm (H). The drawer unit shall be made of 0.8 mm thick CRCA sheet and drawer trays shall be made of 0.6 mm thick CRCA sheet. The drawers shall glide on frictionless slides of 1.2 mm thick CRCA sheet and shall have a multi purpose steel lock with handles built in place. The drawer units to have a mechanism to ensure only one drawer opens at a time. Both the drawers are fitted to 'C' frame by machine screws. Joints shall be interlocked and welded to render a flawless appearance. All steel parts shall be pretreated for seven stage anti-corrosion treatment followed by powder coating of thickness
31	Table with 2 Drawer	Table Size in mm = 1665 X 900 X 750 having top made of 25 mm thick superior quality pre-laminated particle board of Grade II Type II conforming to IS:12823 of approved quality and shade. The edges of the table shall be banded with PVC strip 2 mm thick using hot melt glue under heat and pressure. The table top shall be supported by 1 mm thick M.S. 'C' frame stiffener of size 24.2 mm (W) x 38 mm (H). The table shall have 4 legs made of Electric Resistant Welded prime quality CRCA steel square tubular frame of 25.4mm size and of 1.2mm thickness. The base of legs of the tables shall be covered with plastic caps. The table shall have twp no. drawer units i.e right side drawer unit shall have three box drawers & left side drawer unit shall have two box drawers. And overall size of drawer 355 mm (W) x 560 mm (D) x 430 mm (H). The drawer unit shall be made of 0.8 mm thick CRCA sheet and drawer trays shall be made of 0.6 mm thick CRCA sheet. The drawers shall glide on frictionless slides of 1.2 mm thick CRCA sheet and shall have a multi purpose steel lock with handles built in place. The drawer units to have a mechanism to ensure only one drawer opens at a time. Both the drawers are fitted to 'C' frame by machine screws. Joints shall be interlocked and welded to render a flawless appearance. All steel parts shall be pretreated for seven stage anti-corrosion treatment followed by powder coating of thickness
32	 Revolving Chair High Back	SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam with PVC lipping all around. The back foam is designed with contoured lumbar support for extra comfort. BACK SIZE: 49.0cm.(W) x 47.0cm.(H). SEAT SIZE: 49.0cm.(W) x 44.0cm.(D). POLYURETHANE FOAM: The polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. ARMRESTS: The armrest tops are injection moulded from black Polypropylene. They are fitted to tubular armrest supports made of Dia.2.54cm. (1") x 14 BG M.S. E.R.W. tube and black powder coated. The tubular armrest supports hold together the seat and back. 4A) CENTRE PIVOT MECHANISM: The centre pivot mechanism is designed with the following features:3600 revolving type.17° maximum tilt on pivot at centre. Tilt tension adjustment. Upright locking. PNEUMATIC HEIGHT ADJUSTMENT : The pneumatic height adjustment has an adjustment stroke of 12.5 cm. TELESCOPIC BELLOW ASSEMBLY: The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. PEDESTAL ASSEMBLY: The pedestal is fabricated from 0.2cm. thick CR steel, powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal is 60.0cm. pitch-centre dia. (70.0 cm with castors).TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in 30% Glass Filled black Nylon.

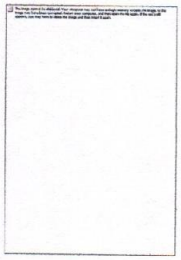
10/5/18

33	Revolving Chair Mid Back	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with changeable fabric upholstery covers and moulded Polyurethane foam, together with moulded back-spine cover. BACK PLY SIZE: 43.0cm. (W) X 46.0cm. (H). SEAT PLY SIZE: 47.0cm. (W) X 50.0cm. (D). The Polyurethane foam is moulded with density = 45 +/-2 kg/m^3 and Hardness = 20 +/- 2 on Hampden machine at 25% compression. The armrests are made of polyurethane reinforced with M.S. insert. The P.U.armrests are then fixed to black powder coated armrest brackets made of 0.5cm.thk. HR steel fitted with claddings made of injection moulded Polypropylene. Approx. size of the armrest is 21.0cm. (L) X 6.4(W). The permanent contact mechanism is designed with the following features: 360° revolving type. 14° maximum back-tilt only. Upright position locking. Tilt tension adjustment. The pneumatic height adjustment has an adjustment stroke of 12.0 cm. The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal is fabricated from 0.2cm. Thick CR steel, powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal is 60.0cm. Pitch-centre dia. (70.0 cm with castors). The twin wheel castors are injection moulded in Black Nylon.
34	Visitor Chair	SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area. BACK SIZE : 47.5 cm. (W) x 58.0cm. (H) SEAT SIZE : 47.0 cm. (W) x 48.0 cm. (D) POLYURETHANE FOAM: The Polyurethane foam is moulded with density = 45 +/-2 kg/m^3 and Hardness = 20 +/- 2 at 25% compression. ARMRESTS: The one-piece armrests are injection moulded from black Co-polymer Polypropylene. TUBULAR FRAME : The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk M.S. ER.W. Tube. PNEUMATIC HEIGHT ADJUSTMENT (FOR 9U01RX, 9U02RX): The pneumatic height adjustment has an adjustment stroke of 12.0 cm. TELESCOPIC BELLOW ASSEMBLY (FOR 9U01RX, 9U02RX): The bellow is 3 piece telescopic type and injection moulded in black Polypropylene.
35	Revolving Chair High Back	1) SEAT ASSEMBLY: The seat assembly is made up of I .5±0.1 cm. thick hot pressed measured as per QA method described in OCP-QLTA-PL14-18, upholstered with fabric upholstery covers and moulded Polyurethane foam. * Seat Size : 45.0 cm (W) x 50.5 cm (D) 2) HIGH RESILIENCE (HR) POLYURETHANE FOAM : The HR Polyurethane foam is moulded with density = 45 ±2 kg/m3 and Hardness 16±2 kgf as per IS:7888 for 25% compression. 3) BACK ASSEMBLY: The back ¡s a fabricated tubular frame assy, designed with contoured lumbar support for extra comfort, powder coated (DFT 40-60 microns) & upholstered with a high tenacity Polyester mesh fabric. The M.S tubular frames is made of Ø1.9±0.02 cm x 0.2±0.016 cm MS ERW Tube. BACK SIZE: 46.0 cm (W) x 63.0 cm (H) 4) ARMRESTS: The armrests is made pf plastic injection moulded nylon. 5) CENTER TILT SYNCHRO MECHANISM: The mechanism is designed with the following features • 360° revolving type. • Upright position locking. • Tilt tension adjustment. • Seat/back tilting ratio of 1:3 6) PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment of 10.0+0.3 cm. 7) PEDESTAL ASSEMBLY: The pedestal is injection moulded in black 30% glass-filled Nylon 66 and fitted with 5 nos. twin wheel castors. The pedestal pitch-center dia is 66.1±0.5 cm.(76.1+1.0 cm with castor). 8) TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in recycled compounded Nylon having 5.0±0.1cm wheel dia and assembled to pedestal.

10/7/18

36	Single Bed APO	Single Bed of size: 2060mm (W) x 915mm (D) x 650mm (H) x 400mm (Bed Stead Height) This dimension are product out to out dimension & variation ±1.0 cm are Normal. Bed Frame Assyembly: Bed Frame Assembly is a welded of side frame, Inner Slat. The side frame are made of Rect. Pipe 50.8 x 25.4 x 1.2 mm Thick MS, Inner Slats of SQ. Tube 19 x 1.0 MS ERW Tube IS : 7138 MS Sheet 1.0mm Thick. Head Board & Tail Board: Head Board & Tail Board are made up of SQ. Pipe 40.0 x 1.2 mm & SQ. Pipe 25 x 1.0 mm Thick MS ERW Tube IS : 7138 and Support Bracket 3.2mm Thick MS Sheet IS : 513 Head / Tail Board connected with bed frame with M8 Bolt. Finish: Epoxy Polyester Power Coated - Colour (as per work order) DFT - 40-60 Micron
37	Single Bed	Overall Size: L - 2060.0mm x W - 1131.0mm x H - 930.0 mm Material: Bed Structure consist of metal frames made of M.S. Channels in 1.0 mm Thickness. Horizontal plinths and bottom plinth are made of 25 mm Thick Prelaminated Particle Board. Head board is made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trims fixed to it. Tail board is made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trims fixed to it. Side rail is made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trims fixed on to it. Mattress panels of Bed are made of 18 mm thick Prelaminated Particle Board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Construction : Knock Down construction. Packets : 1 Bed in 1 packets. Finish: 18 mm thick Prelaminated Particle Board is in Walnut shade. Metal frames are powder coated in shade Mat Black to the thickness of 50 microns(+-10).
38	Mattress for Single Bed	Mattress for Single Bed of Size - 78" x 36" of Thickness 10 cm. Mattress can be used both sides. Equal parts of Hard and PU Foam lend appropriate support to the user. Make - Peps / Kurlon / Godrej / King Koil
39	Sofa 2 Seater	2Seater Sofa for lounge seating of overall size - ~~146cm~~ (W) x 92cm (D) x 82cm (H) & Seat Height 45cm. 1) SEAT FOAM: The seat is made of PU foam with Density 32 ± 2 kg/cu.mtr having an additional top layer of PU foam with Density 28 ± 2 kg/cu.mtr. Seat is upholstered with fabric or leatherette. 2) BACK FOAM: The back is made of PU foam with Density 28 ± 2 kg/cu.mtr with two additonal top layer of supersoft foam of density 23 ± 2 kg/cu.mtr upholstered with fabric or leatherette. 3) UNDERSTRUCTURE: Understructure is made up of 1.2 ± 0.1 cm thick hot pressed plywood measured as per QA method described in OCP-QLTA-PL14-184 Dia 4mm zigzag spring assembly is mounted in understructure for support and additional cushioning purpose. 4) LEG ASSEMBLY: It is a welded assembly made in stainless steel (grade SS 202) tube & plate.
40	Equipment Table	Table of over all size - 1180mm (W) x 750mm (D) x 750mm (H) Top: The top is in Stainless Steel brushed finish with PLB insert for durability. Easy to clean and maintain hygiene. Understructure: Side Frame Made from 30mm x 30mm x 1.5mm thick M.S Powder coated tubes at base which are welded and are fixed to top with screws. The bottom ends are closed with Plastic buffers. MS Shade : S/G Mettalic Dark Grey (Nerocoat - 9000626) Cross Member Made from 30mm x 30mm x 1.5mm thick M.S Powder coated tube, which is welded and bolted to side frames.
41	Stackable Chair	Plastic Chair of over all size: 52.5cm (W) x 55.8cm (D) x 84.5cm (H) & 45.0cm (SH) Seat/Back: The Seat and Back are made up of injection moulded high impact Strenght Polypropylene polymer compound with indoor grade UV resistance (Refer Colour chart in product catalog) *Seat Size: 52.5cm (W) x 53.2cm (D) *Back Size: 51.6cm (W) x 40.5cm (H) S.S. Understructure: The tubular welded frame is made from Dia 2.22 ± 0.03 cm x 0.12 ± 0.0128 cm and 3.5 ± 0.03 cm x 1.5 ± 0.03 cm x 0.12 ± 0.0128 cm Stainless Steel 202 grade tube. The tubes are buff polished to give shiny finish. Shoe: The shoes are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and pressed fitted with tubular frame. Armrest: The Armrest are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and assembled over the tubular frame.

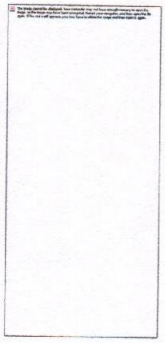
10/7/18

42	 Office Workstation	General Specification: • 'Frontier' is a Panel based furniture system for banking layouts. • This system has panel in 52.4mm thick. • The 52.4 mm panel has more elaborate and flexible construction offering various functional and decorative finishes as well as cable management capacity. • These panels can be connected together with various post connectors in many geometric configurations and support worktops via brackets and legs to construct workstations to suite a wide spectrum of banking layouts. • Frontier offers a unique solution for today's banking workstation needs. The panel structure: The 52.4mm panel - 1) 2 nos. of vertical trims made of aluminum extrusions. 2) Horizontal trims made of aluminum extrusions at every division of tile/block. The numbers of these horizontal trims vary as per panel height. 3) Blocks made out of a composite construction of MDF and paper honeycomb. Numbers of these blocks vary as per panel height. 4) 1 no. of fabricated bottom frame as a welded structure of steel components. 5) 2 nos. of bottom tiles. 6) 2 nos. of top tiles. 7) 1 no. of top trim made of aluminum extrusions. 8) Connector are aluminum extrusion to construct configuration modules consists of junction like 2 Way 90deg,3 way 90deg, 2 way &3 Way universal post. These panels are supported on legs with levelers at various locations depending on the layout requirements.
43	Library Table1	Work Top HT. - 750mm (approx.) Work Surface - In Prelaminated Particle Board (PLB) and PVC Lipping, Board thickness 25mm & Of Dimension - Recta Worktop - 1800mm W x 600mm D - 2 Nos with 2 Nos of Wire Carrier and Cross Connector below work surface, 2 Nos Power Box & Access Flap. Screen - Prelam Screen.
44	Library Table 2	**Modular Desk** of size in mm: 1800mm (L) x 600mm (D) x 750mm (H) approx. with Cable Wall, Cable Riser, OverHead Storage Units, Access Flap, Screens and Mambrane Finish. **THE STRUCTURE:** The Understructure comprises of Leg Assemblies on which the Work-surfaces, Cable management systems, screens and OHSU are fixed. **LEG ASSEMBLY:** Leg Asslembly supports the entire workstation. Leg assemblies are fitted to the cross rails with M6 x 45 L Philip pan head screws. The Legs used in the entire systemare Aluminium extrusions (AL 96063 – T6) welded with 60 X52 X8 mm Thk Al plate.(6063 – T6) The Legs are available in two options, Serrated leg and legs with powder coated 0.6 mm thk CRCA metal strips.(IS:513). The leg assembly is powder coated with epoxy polyester coating. The legs are Inclined in orientations. Leg Assembly have Aluminiumextrusion welded with Al plate and press fitted Leg end cap made of ADC 12 Aluminium alloy and Leveller glide assembly which is an insert moulded Nylon 6 component used for leveling the unit upto 70 mm.The leveler assembly is fitted with Leg leveler base which is made of Nylon 6. **CABLE MANAGEMENT SYSTEM:** The cable management systemhave components like cable trays, cable wall, cable riser, lower trays etc., **Cable Tray Assembly:** Cable trays acts primary element of cable management which carries the power box . Excess cables can also be dumped into cable trays to get an clean work surface. The cable tray assembly is fabricated of cable tray made of 0.8 mm thk CRCA (IS:513) with end plates made of 1.5 mm thk CRCA (IS:513) welded to it. CABLE TRAY OF SIZE: 1529mm Cable tray assembly is powder coated with epoxy polyester coating. **SCREENS:** Screens under OHSU of size - 1200mm (L) x 1200mm Height from Ground.
45	Hospital Sheet Bed	**Overall Sizes:** (L)2268 mm X (W)922 mm X (H) 610 mm **Description:** Sheet Bed should be a plain bed used in the recovery ward. Material Specifications: Under Structure has a Higher diameter tube which should provide a sturdy understructure. Lying surface area of CRCA **Finish Specifications:** Head Board/Leg Board should be made of frame MS ERW RoundTube of sections Ø19, Ø25.4& Ø31.75mm, of thickness1.6 mm Provision for mounting of IV Pole and Mosquito Net pole should be present **Finish Specifications:** Powder coating should be Bacteriostatic and thermosetting epoxy Polyester, formulated to fulfill the requirements for bacterial protection. All powder coated parts in RAL white **Performance Specifications:** Maximum patient load should be 135 kg

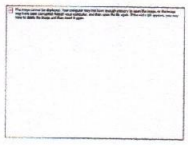
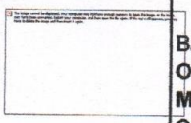
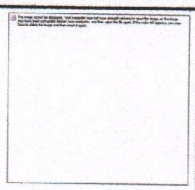
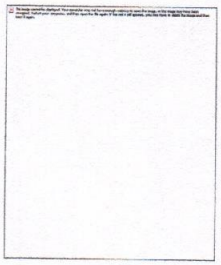
10/1/18

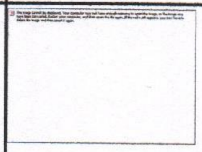
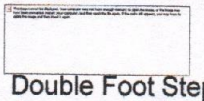
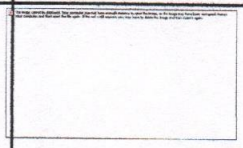
46	Rexine Mattress	**Thickness-Mattress:** 3"+ **SANDWITCH CONSTRUCTION:** Round corners - YES **Hitlon thickness** (MM): 60 **Hitlon density** (Gm/dcm3): 23 **Coir(Both side)** Thickness MM: 20 **Density** (Gm/dcm3): 70, DRC (%): 22 **QUILTING - COMBINATION / LAYERS:** **Pilled Foam – Quilting (One Side)** Thickness MM - 14 **Pilled Foam Density** Gm/dcm3 - 18 **PU foam / EPE sheet side walling** Thickness MM - 3 **TOTAL MATTRESS** THICKNESS-MM - 114 **REXINE** (GSM): 150 **Guaranty period** (Years): 1 **Note:** * Finish product thickness should be measure from outer to outer surface . Tolerance +5 mm
47	I.V. Pole	**Overall Sizes** Hook Arm PCD 366 mm X (H) 980 mm from bed frame top **Material Specifications** 1 Bottom Adaptar - Made from SS 304 Rod of Section 12.8 (This portion is inserted into IV pole holder fitted onto bed for the mounting) 2 Fixed height SS Tube - Made from SS 304 of Section Ø19 having Thickness 1.63 mm (SS304 tube is buffed finished and corrosion resistant for the long lasting application) 3 Saline Hook- Made from SS 202 of Section Ø8mm Rod (Two hooks for hanging saline bags) **Finish Specifications** 1 Finish - Buffed mirror finish for SS parts 2 Color - Knob in black colour
48	Saline Stand with Castor	**Overall Sizes** - Base circle dia 695 mm X (H) Adjustable from 1568 mm to 2121mm Material Specifications 1 Bottom Frame - Made from M.S. Sheet of thickness 1.63 mm (Press formed base gives round and clean look) and M.S. of Section Ø30 (Bushes for castor mounting) 2 Fixed Tube - Made from M.S. ERW Tube of Section Ø31.75 and thickness 1.63mm 3 Telescopic Tube - Made from SS 304 of Section Ø19 and thickness 1.63mm (Buffed mirror finish SS tube is used for the telescopic function to provide smooth operation without wear and corrosion) 4 Screw Knob - Made from Nylon 6 with MS toughened Nickel plated threaded stud (For adjusting the height of adjustable tube and locking it in the position) 5 Saline Hook - Made from SS 202 of section Ø8mm (Four hooks for hanging saline bags) 6 Accessory mounting cover - Made from Nylon6 Ribbed section of thickness 2mm (Plastic parts provided to cover accessory mounting joints) 7 Internal safety stopper cum guide bush - Made from Nylon 6 (Telescopic tube has plastic guide bush at the bottom which provide the smooth linear motion during height adjustment. Bush also help to stop the telescopic tube at predefined height so that telescopic tube could not hit the hand in case of accidental fall) 8 Castors - Made from High endurance Plastic injection molded castors of section 50mm dia wheel, threaded stem.

10/5/14

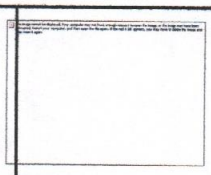
49	Crash Cart	Overall Sizes 1048 mm x 475mm x 1555mm Material Specifications 1 Top Shelf - Made from S.S.304 SHEET of thickness 1mm (Provlded to keep materials at top) 2 Middle Shelf - Made from S.S.- 304 SHEET of thickness 1 mm (S.S. Shelf, provided for the placement of the instruments being used) 3 Bottom Shelf - Made from S.S. 304 SHEET of thickness 1 mm (Provided to keep materials at the bottom) 4 Frame - Made from S.S.304 Tube of section Ø25.4 r Sq19,1.2mm Thk Ø12.7mm tube 5 O2 Cylinder Case - Made from S.S Tube of section Ø12.7 tube and thickness 1.2mm (Used to mount 02 cylinder) 6 I V Pole - Made from S.S.304 Rod ø12 mm (Provision provided to mount IV rod) 7 Castor - Made from High endurance anti-static, plastic injection molded castors (Ø125mm wheel dia with positioned for diagonal locking Ø50 wheel for cylinder case) 8 Handle - Made from S.S. 304 PIPE of section Ø25.4mm and thickness 1.2mm (used To maneuver the trolly) 9 Bins - Made from PPCP (Six different Coloured bins are provided to keep medicines) 10 Drawer Set - Made from PPCP (Two drawer set with 3 drawer each central locking RH side on each set) 11 CARDIAC BOARD - Made from Compact laminate of thickness 6.0mm
50	Stretcher on Trolley	**Description -** Stretcher on trolley is a removable stretcher mounted on a sturdy trolley having castors for ease of movement.**Overall Size -** (L)2005 mm x (W) 620 mm x (H)790 mm. **Material Specification - Trolly -** ERW Tube, Section 31.75 & 25.4mm, Thickness - 1.6mm, Provides the base to rest the stretcher on its four resting pads. **Holder for Stretcher -** MS with rubber pad, Used to hold the stretcher in position on to the trolly. **Castor Wheel -** 200mm dia Wheel with diagonal lockable castor. **Stretcher -** ERW Tube, Section 25.4mm, Thickness 1.6mm, Removable from Trolly to provide flexibility of reach. **Stretcher Top Sheet -** CRCA Sheet, Thickness - 1.2mm, Contoured stretcher top provides safety to patient during handling. **Powder Coating -** Epoxy Polyster. **Colour -** MS Part in RAL White Powder Coating, Plastic parts in Pantone cool grey 8C. **Performance Specification -** Maximum Patient Load 135 Kg.
51	 Mayo's Trolley	**Desciption** The Mayos Troley with Screw-Knob mechanism for height adjustment **Overall Sizes** 504mm x 650 mm X Adjustable from 814 mm to 1340mm **Material Specifications** 1. Bottom Frame - S.S. 304 TUBE, Squar-38 X 38mm Thickness 1.2mm (Square Tube for caster mounting and welded with thick plate and Buffed neatly.) 2 Top Frame - S.S. 304 TUBE, Rectangular 30x30mm Thickness 1.2mm 3. Fixed Tube - S.S. 304 TUBE, Square-38 X 38mm Thickness 2.6mm (Fixed Tube for providing guide way to telescopic tube) 4. Telescopic Tube - S.S. 304 TUBE, Rectangular 30x30mm Thickness 2mm (Buffed finish SS tube is used for the telescopic function to provide smooth operation without wear and corrosion) 5. Locking Knob mechanism - S.S. Screw with Nylon6 knob, Standard (Aesthetically and ergonomically designed Knob and lever mechanism is used to lock the SS telescopic tube at desired height. Knod 0D of Ø60mm) 6. Tray Supporting Frame - S.S. 304 TUBE, Square 30x30mm Thickness 1.2mm (Square Tube for Tray Mounting and welded with square tube and Buffed neatly / Square Tube for Supporting the top frame and welded with telescopic tube) 7. Tray - S.S 304, Bend Section Thickness - 1mm (Aesthetically designed flanged Section for usage as a tray) 8. Castors - High endurance, Plastic Injection molded castors, Ø50mm (For easy of movement) **Finish Specifications** S.S. - (Buffed) to Glossy Mirror Finish **Performance Specifications** Maximum safe working load - 20Kg **Note:** Overall dimesions may vary within ±5mm

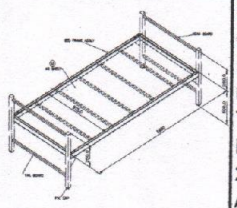
10/5/18

52	 Instrument Trolley with Bowl & Bucket	Material Specification - Top Shelf - SS 304 Sheet, thickness 1mm, Supporting Legs -SS 304 tube, section 31.8mm pipe, thickness 1.2mm, Horizontal Bar - SS 304 Tube, section 12.7mm, thickness 1.2mm, welded with the legs. Bottom shelf - SS 304 Sheet, thickness 1mm. Castors - High endurance, Plastic injection moulded castors, section 125mm. Finish Specification - SS buffed to Glossy mirror finish. Performance Specification - Maximum safe working load 20 Kg.
53	 Infant Crib	Baby Crib on Trolley with Castors **Overall Size** L - 865 mm x W - 508 mm x H - 771 mm **Material Specification** MS E.R.W. Tube **Castors** High endurance Plastic injection moulded castors
54	Examination Table	**Description** The examination table is made of sturdy structure. The backrest has a ratchet mechanism for tilting the backrest. **Overall Sizes** L - 1830 mm x W. - 600 mm x H. - 850 mm **Material Specifications** 1. LegFrame - MSE.R.WTube 30x30 Thickness 1.6mm 2. Intermediate Frame - MS E.R.W Tube 30 x 30 Thickness 1.6mm 3. Leg Shoe Nylon 6 (To avoid wear and tear) 4. Lying surface - MSS. Sheet Thickness 1.2mm 5. Ratchet - M.S plate Thickness 5mm (Provides the bask rest tilt 0°, 15°, 30° adjustment positions. **Finish Specifications** 1. Powder coating Epoxy polyester. 2. Color RAL white, Plastic parts in Gray (Pantone cool gray 8C) **Performance Specifications** Maximum safe patient Load - 135 Kg.
55	 Basin Stand	**Description -** 4 legged basin stand mounted on castors. **Overall Sizes-** Base circle dia 425 X (H) 850mm. **Material Specification: Stand -** SS 304 tube of section 12.7mm & 25.4 mm thickness 1.2mm, **Bowl -** SS 202 sheet, spin section, thickness 0.8mm. **Castors -** High endurance Plastic injection moulded castors, 50mm in dia. **Finish Specification -** SS (Buffed) glossy mirror finish. **Performance Specification -** Maximum safe working load 20 Kg.
56	 Partition Screen	**Description** Three fold screen is a portable screen on castors having three screens which can be folded to provide privacy in recovery ward **Overall Sizes** (L)2637 mm X (W)640 mm X (H) 1720 mm **Material Specifications** 1 Fix Frame - Made from E.R.W Tube of Section Ø25.4 having Thickness 1.2 mm (To provide hinging to movable frame) 2 Movable Frame - Made from E.R.W Tube of Section Ø19.05 having Thickness 1.2 mm (Flexible frame has plastic hinge. It can be adjusted in provided space) 3 Leg Frame - Made from E.R.W Tube of Section SQ. 30 having Thickness 1.6mm 4 Caster Wheel - Of Section Ø50 (For Ease of movement) 5 Bush For Holding Pipe - Made from Nylon 6 (Plastic bush) 6 Screen - Casement fabric for screen which is opaque for providing modesty. **Finish Specifications** 1 Powder coating - Epoxy polyester. 2 Color - Powder coated parts in RAL white, Plastic parts in Gray (Pantone cool gray 8C), Casement fabric in green (RAL 6026)

57	Examination Table for Gyneac	**Overall Sizes** (L)2065 mm x (W)850 mm x (H) 850 mm **Material Specifications** 1 Leg Frame - Made from E.R.W Tube of section 30 x 30mm and thickness 1.6 mm 2 Intermediate Frame - Made from E.R.W Tube of section 30 x 30mm and thickness 1.6 mm 3 Leg Shoe - Made from NYLON 6 (To avoid wear and sound) 4 Lying surface - Made from CRCA Sheet of thickness 1.2mm 5 Rachet - Made from M.S of thickness 5mm (Provides the back rest tilt 0°, 15°, 30° adjustment positions. 6 Bowl Stand - Made from S.S. 304 of section Ø15.9 7 S.S. Bowl - Made from S.S. 304 (To collect the fluids during the procedure) 8 Head Rest - Made from CRCA Sheet of thickness 1.2mm 9 Calf Rest - Made from Leathrite (Leatherite wth PU Foam and MS backing Sheet) 10 Lithotomy Rod - Made from SS 304 (To provide variable height & swivel position as per desired position) **Finish Specification** 1 Powder Coating - Epoxy polyester powder coating 2 Colour - Ral white, plastic parts in Gray **Performance Specification** Maximum Patient load - 135Kg
58	 Single Foot Step	Single Step Stool. **Overall Size -** 485 (L) X 335 (W) X 206 (H)mm. **Understructure -** MS, section 20 X 20mm of thickness 1.6mm. **Stool Top -** MS thickness 1.2mm. **Rubber Mat -** Rubber thickness 3mm. **Powder Coating -** Anti Microbial and thermosetting epoxy polyester. **Color -** RAL white, rubber mat in grey.
59	 Double Foot Step	Two Step Stool. **Overall Size -** 660 (L) X 480 (W) X 392 (H)mm. **Understructure -** MS, section 20 X 20mm of thickness 1.6mm. **Stool Top -** MS thickness 1.2mm. **Rubber Mat -** Rubber thickness 3mm. **Powder Coating -** Anti Microbial and thermosetting epoxy polyester. **Color -** RAL white, rubber mat in grey.
60	 Medicine Trolley	**Material Specification - Top Shelf -** SS 304 Sheet, thickness 1mm, **Supporting Legs -** SS 304 tube, section 31.8mm pipe, thickness 1.2mm, **Horizontal Bar -** SS 304 Tube, section 12.7mm, thickness 1.2mm, welded with the legs. **Bottom shelf -** SS 304 Sheet, thickness 1mm. **Castors -** High endurance, Plastic injection moulded castors, section 125mm. **Finish Specification -** SS buffed to Glossy mirror finish. **Performance Specification -** Maximum safe working load 20 Kg.
61	 Simple Bedside Locker	**Overall size** 402 mm(L)x404 mm(W)x835 mm(H)-Locker with one cabinet with stainless steel,rest structureis in MS powder coated ,cabinet provided with cam lock.It has ERQ sq tube structure of 25.4 mm Sq section of 1.6 mm thickness.Shoe is made up of PVC+nitrrile and top is SS 304 sheet with 0.8 mm thcikness and cabinet of CRCA of 1 mm thcikness.Handles are ABS.Powder coated epoxy polyster,rubber and plastics parts in grey,SS top buffered mirror finish.The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007 and should have Green Guard Certification for few of its products.
62	Stool	**Description -** SS Top Stool is mounted on 4 leg Base & has a screw nut mechanism for height adjustment. It has a SS Top plate for sitting purpose. **Overall Size -** Base outer dia 538mm (H) Adjustable from 470mm to 655mm. **Material Specification : Leg -** MS ERW Tube Section 25.4 mm, Thickness - 1.6mm, Press formed pipe leg gives round & clean look and welded with round hub. **Hub -** MS ERW Tube, Section 38mm, Thickness 2.0mm Tube for bush mounting and welded with legs. **Screw -** EN-8, Section OD22, Used for height adjustment of seat base. **Seat Base -** Welded construction made up of MS ring & mounting plate. **Top Plate -** SS 202 Sheet, Section 305mm round, Thickness 1 mm, Top plate, provide asthetic look and it is non corrossive. **Leg Shoes -** Nylon 6, Moulded, Plastic bush avoid contact between metal & floor surface. **Finish Specification:** Epoxy polyster powder coating and buffed glossy mirror finish (SS Top), Plastic parts in Grey. **Performance Specification:** Maximum safe working load 135 Kg.

10/5/18

63	 Wheel Chair Folding	Seat and back easily removable and replaceable. Fine and durable upholstery for seat and back. Nylone Handgrips and Padded arm rest. Polished SS constrct. Solid tire wheels with Rear wheel lock. Aluminium leg rest-swing away type. All the stainless steel should be seamless conforming to 304 grade/16 gauge and polished finished.
64	 Oxygen Cylinder Trolley	**Description -** Oxygen Cylinder Trolly is mounted on castors. **Size -** L-410mm X W-375mm X H-1112mm. **Material Specification : Main Frame -** MS ERW Tube, Section 25.4mm Thickness 1.6mm for holding the cylinder. **Locking Rod -**MS Rod, section 10mm, keeps the cylinder in position during transit. **Base Frame -**MS ERW Tube, section 25.4 X 25.4, thickness - 1.6mm, sturdy base for resting the cylinder. **Castor Wheel -**PU wheel, section 100mm, thickness 25mm, for ease of movement. **Leg Cap -**LDPE, to cap the open ends at the bottom. **Finish Specification-**RAL White, epoxy polyster powder coating, plastic parts in pantone cool grey 8c. **Performance Specification -**Maximum safe working load 50 Kg.
65	Examination Table	**Description -** Overall Sizes (L)1957mm X (W)625 mm X (H)808. Elixir has gas-lift assisted head rest with continuous adjustment from 0° to 30°. The design focuses on ease of operation, hygiene, doctor and patient ergonomics, and aesthetics. Homogeneous soft forms with rounded edges evoke feeling of comfort and safety. **Material Specification -** Mattress and Up-holstery is made with PU molded foam with density 50-55, of 625mm x 65mm section, of 23 mm thickness. Mattress is projecting out from the understructure to provide soft touch from all sides. Seamless upholstery is provided to avoid spread of bacteria. Head Rest is made of PU molded foam with density 50-55, Section is made of 625mm x 65 mm.Thickness is 23mm. Gas-lift assisted head rest with continuous adjustment from 0° to 30°. UnderStructure and top frame is made of ERW square tube , os section 30mm X 30mm and 1.6 mm. Understructure is made of MS square tubes with unique styling that provides better strength and stability. It is provided to reduce visual clutter and offers better access and reach."Top Drawer Unit is provided, made of CRCA sheet construction with SS handle & SS hinge. Sheet thickness 1.2 ,0.8 and 0.6. Two drawers at top; each of volume 510 x 334 x 95 mm are provided". "BP Apparatus tray: CRCA sheet construction with SS handle and SS hinge Dia 10 for handle. Sheet thickness 1.2 ,0.8 and 0.6. swivel tray is designed for BP Apparatus that can be concealed when not in use. SS Handle: SS 202 Dia 10 - Aesthetically designed handles are placed in such a way that gives a unique look also provide wider space for griping to users. "Ergonomics: Increased width of the table (625mm) gives better comfort for patients. Optimized height (808mm) of the table for comfortable observation and reach. Tapered shape is provided to give a unique look and better access for doctor. L-shape leg is provided for better stability." Single Step stool is made of ERW square tube. Textured and Rubber mat is provided, of 20mm X 20mm size. Tube 1.2 mm thick and mat 3.0 mm thick Size:485(L) x 335 (W) X 210 (H) Step stool is made of MS square tubes, is strong and firm. Top is made of textured rubber offering firm grip for climbing. Tissue roll Holder SS304 , made of ERW TUBE Ø12.7 mm and 1.2 thk, is used to mount Tissue roll. **Finish Specification -** Powder coating is Bacteriostatic and thermosetting epoxy polyester,formulated to fulfill the requirements for bacterial protection. **Performance Specification -** Maximum patient load is 135 kg. Head Rest is adjustable 0 - 30°.BP Apparatus tray is provided to Swivel angle 0 to 180 deg. Approx.

66	Paediatric Bed with Mattress	Overall Sizes in mm: 1500 (L) x 850 (W) x 1210 (H) Flat single section bed with grille frame on 4 sides. Suitable for children up to 12 years. Drop down grill frame on both sides for protection of the patient. Material Specifications: Under Structure has a Higher diameter tube which should provide a sturdy understructure. Lying surface area of CRCA Finish Specifications: Head Board/Leg Board should be made of frame MS ERW RoundTube of sections Ø19, Ø25.4& Ø31.75mm, of thickness1.6 mm Provision for mounting of IV Pole and Mosquito Net pole should be present Finish Specifications: Powder coating should be Bacteriostatic and thermosetting epoxy Polyester, formulated to fulfill the requirements for bacterial protection. All powder coated parts in RAL white
67	 Overbed Table Fixed Ht.	Dimension: Top Size - 760 (L) x 360 (W) x 850 (H) mm Featured with Laminated board top extending over the width of the bed, Tubular Frame work with 50mm Dia. Non-rusting Castors, and Pre-treated and Powder Coated.
68	Semi Fowler Bed with Castor & 2 Section Mattress 75mm	Single Function bed which has an adjustable backrest and a fixed lower section. Overall Size in mm : 2268 (L) x 922 (W) x 610 (H) Material Specification : 1. Bed Frame made from (a) MS ERW Rect. Tube of section 30mm x 60mm and thickness 1.6 mm (b) MS ERW Round tube of section 30 mm x 30 mm and thickness 1.6 mm. 2. Laying Surface Frame made from MS ERW Round Tube of section Æ 25.4mm and thickness 1.6 mm. 3. Head Board/Leg Board Frame made from MS Round Tube of section Æ19, Æ25.4 & Æ31.75 mm and Thickness 1.6 mm with Higher diameter tube provides a studay understracture. 4. Lead Screw EN8 ACME 6 MM Pitch Thread Rolled En8 Lead Screw,with ACME thread and 6mm pitch gives good strrength, with ease of opreation. 5. Handle PPCO Snap Locking Handle lever with handle body keep it in folding position when not use. 6. Lying Surfaces CRCA 1.0 mm Laying Surface area consists of mattress ratainer to define the position of the mattress. 7. Castors High endurance metal series castor and provided with dual locking arrangement are diagonally placed wheel Dia 125mm & Stem dia is 22mm. Diagonal locking provides better s stability to bed in the locked position. 8. Mosquito Net Ple Holder: Privision for mounting of mosquito net pole. 9. IV Pole Holder: Provision for mounting of IV pole
69	 Single Bed APO	Single Bed of size: 2060mm (W) x 915mm (D) x 650mm (H) x 400mm (Bed Stead Height) This dimension are product out to out dimension & variation ±1.0 cm are Normal. Bed Frame Assyembly: Bed Frame Assembly is a welded of side frame, Inner Slat. The side frame are made of Rect. Pipe 50.8 x 25.4 x 1.2 mm Thick MS, Inner Slats of SQ. Tube 19 x 1.0 MS ERW Tube IS : 7138 MS Sheet 1.0mm Thick. Head Board & Tail Board: Head Board & Tail Board are made up of SQ. Pipe 40.0 x 1.2 mm & SQ. Pipe 25 x 1.0 mm Thick MS ERW Tube IS : 7138 and Support Bracket 3.2mm Thick MS Sheet IS : 513 Head / Tail Board connected with bed frame with M8 Bolt. Finish: Epoxy Polyester Power Coated - Colour (as per work order) DFT - 40-60 Micron
70	Mattress for Single Bed	Mattress for Single Bed of Size - 78" x 36" of Thickness 10 cm. Mattress can be used both sides. Equal parts of Hard and PU Foam lend appropriate support to the user. Make - Peps / Kurlon / Godrej / King Koil

71	 Study Table	Study Table of Over all Size: 600W x 500D x 760H mm Top Panel: Wooden top panel is made from 18mm thk Pre-laminated twin board with polypropylene injection molded edges. The panels have corners rounded for safety usage. The design of desk-top is such that there is provision for pen/pencil storage also. Understructure: All side metal frames and cross connectors are made from Mild steel ERW tubes, 40 x 20 x 02 mm thk (approx. 14 SWG) as per IS:7138 which are welded together. The Welded structures and cross connectors are coated with min 45 micron thickness of epoxy polyester coating. Shelf tray and desktop mounting brackets made of 2mm thk Mild steel sheet (as per 15:513) are welded to the understructure for fixing shelf tray and desktop respectively. Hooks are provided on the vertical side frames on both sides of the desk for hanging bags/bottles. They are made from Æ9 Mild steel rod (As per 15:432) and are welded to the main understructure. Plastic Caps made of Polypropylene are provided on the foot rest side tubes and front leg tubes adding more aesthetic value to the product.
72	 Study Chair	Seat Back: Seat back is made of blow molded High-density polyethylene and is fixed on the understructure assembly with the help of Stainless steel pop rivets. Seat: Seat is made of blow molded High-density polyethylene and is fixed on the understructure assembly. Understructure: All side metal frames and cross connectors are made from Mild steel ERW tubes, 40 x 20 x 02mm Thk (approx. 14 SWG) as per IS:7 138 which are welded together. The Welded structures and cross connectors are coated with min 45 micron thickness of epoxy polyester coating. Bag storage tray made of Æ4 Mild steel rod (as per IS:432) forms a cage at the bottom and is welded to the main understructure. Seat support channel made of 1mm thk Mild steel sheet (as per IS:513) is welded to the understructure for fixing seat. Plastic Caps made of Polypropylene are provided on the foot rest side tubes and back leg tubes adding more aesthetic value to the product. Seat Size: 426W x 420D x 460H mm Back Rest Angle: 100°
73	 Steel Almirah	**Size -** 1980mm (H) X 916mm (W) X 486mm (D), **Construction & Material -** Welded Construction, 0.7mm thick (±0.07mm) CRCA (D Grade as per IS:513) for shelf, 0.8mm thick (±0.08mm) High yield strength (D Grade High yield Strength as per IS:513) CRCA for Doors & Back, 0.9mm thick (±0.08mm) CRCA (D Grade as per IS:513) for all other components. **Locking & Handle -** Mazak Handle, Three way locking mechanism with shooting bolt. **Shelving -** Height wise adjustable shelf mounting, Uniformly distributed load capacity per each full shelf is 40 Kg maximum, 4 Nos. adjustable full shelf, **Leveler -** M10 Screw type leveler with hex plastic base. **Finish -** Epoxy powder coated to the thickness of 50 microns (±10)
74	 Dining Table	Over all dimension : 1135X1175X750mm.Cafeteria Table: work Surface:base material 25 mm MDF board PVC membrane Foil On top Understructure : bent Pipe of MS powder coated pipe dia 38 mm ,23 mm Thick .Legs MS powder coated legs and plastic glide fixed at understructure to prevent damage of table top during staking
75	 Dining Chair	Chair of over all size: 52.5cm (W) x 55.8cm (D) x 84.5cm (H) & 45.0cm (SH) Seat/Back: The Seat and Back are made up of injection moulded high impact Strenght Polypropylene polymer compound with indoor grade UV resistance (Refer Colour chart in product catalog) *Seat Size: 52.5cm (W) x 53.2cm (D) *Back Size: 51.6cm (W) x 40.5cm (H) S.S. Understructure: The tubular welded frame is made from Dia 2.22 ± 0.03 cm x 0.12 ± 0.0128 cm and 3.5 ± 0.03 cm x 1.5 ± 0.03 cm x 0.12 ± 0.0128 cm Stainless Steel 202 grade tube. The tubes are buff polished to give shiny finish. Shoe: The shoes are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and pressed fitted with tubular frame. Armrest: The Armrest are made of high impact strenght Polypropylene polymer compound with indoor grade UV resistance and assembled over the tubular frame.

10/5/18

76	 Steel Rack 6 Shelves	Load bearing members of the system should be made out of High strength HR steel having properties equivalent to grades specified by IS 5986:2002 / IS 2062:2006 In addition to high strength, the raw material used for structural load bearing members also should possesses adequate ductility to ensure toughness. The material should also have the necessary impact strength for cold room applications upto -30° C Surface finish: All components must have thorough anti-rust treatment to prevent corrosion, thereby increasing the life of the component. Steel components must be powder coated for obtaining a smooth, scratch resistant and a lasting attractive, finish. The Dry Film Thickness (DFT) of 35 microns is required on an average after Powder coating. All components are to be an elaborate 4 step, six zone anti corrosion treatment, viz. De-greasing as per IS 6005:1970, Rinsing, Phospating as per IS 3618:1966 and De-mineralized water rinsing. Angle: Vertical load carrying member that transfers load to the ground via base plates, its Material Specifications should be as per IS: 5986 (ST 42). Angles should be of rolled formed construction to ensure minimal residual stresses and accuracy throughout the length of the angles, and should take the designated load. Slots at every 19.05 mm for height optimisation or adapt to ever changing SKU sizes and Grouted through base plates. Surface Finish: Epoxy-Polyester Powder Coated – Lead Free BS Grey/Oxford Blue in colour. Panel: Should conform to IS:513 D, and minimum yield strength 210 MPa. No. of bends : 6 Manufacturing : Press forming. Panels are to be provided with lipped flanges. Width of the flange being 31 mm and depth of lip 17 mm. Panels are provided with 9 mm holes on the flange for corner plates, cladding sheets. Design Criteria : Deflection to be under SEMA guidelines.

10/5/18