

**MINISTRY OF EXTERNAL AFFAIRS
GOVT. OF INDIA
SOUTH BLOCK, NEW DELHI**

**Furniture Works
For
District General Hospital at
Dickoya/Hatton,
Sri Lanka**

**Vol.-II - Furniture Specifications
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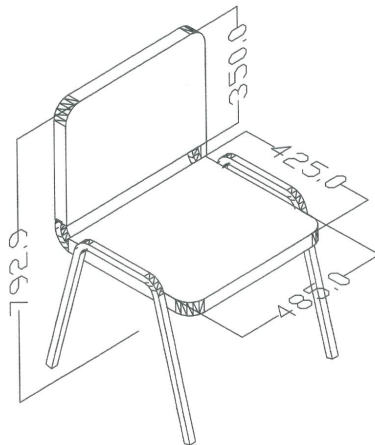
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Doctor's Chairs – 41nos.

Chair shall have same look without Revolving Mechanism as shown above with Overall height 920mm, overall width 630mm, overall depth 650mm, seat size 550-535mm (W) x 530(D) and back size 520-530 (W) x 540 (H), seat and back are made up of 12mm thick hot pressed, single piece ply wood upholstered with leatherette and molded with polyurethane foam, visitor chair, the back plywood shall be designed with contoured lumbar support for extra comfort. The one piece arm rest should be made up of black integral skin polypropylene with 50-70 Shore “A” hardness reinforced with MS insert, the armrest are scratch and whether resistant. The arm rests are fitted to the seat and back with 6mm dia. and 57mm long screw made of HR steel. The understructure shall be out of tubular frame of cantilever type and of dia. 3cm x 14 BG M.S. ERW tube and black powder coated.

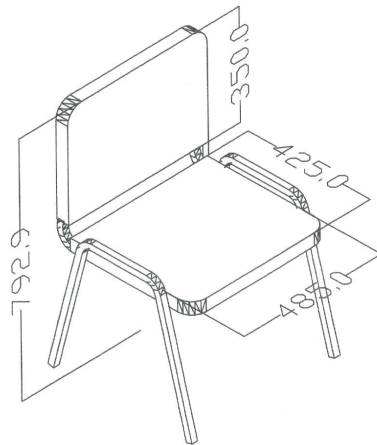
Visitor's Chairs – 68nos.

Overall height 800mm, overall width 535mm, overall depth 550mm, seat size 485mm (W) x 425(D) and back size 495 (W) x 350 (H) seat and back are made up of 12mm thick hot pressed, two piece ply wood upholstered in fabric back and front, molded with polyurethane foam visitor chair, the back plywood shall be designed with contoured lumbar support for extra comfort. The understructure shall be out of frame of M.S. and 14 BG M.S. ERW and black powder coated.



Staff Chairs – 147nos.

Overall height 800mm, overall width 535mm, overall depth 550mm, seat size 485mm (W) x 425(D) and back size 495 (W) x 350 (H) seat and back are made up of 12mm thick hot pressed, two piece ply wood upholstered in fabric back and front, molded with polyurethane foam visitor chair, the back plywood shall be designed with contoured lumbar support for extra comfort. The understructure shall be out of frame of M.S. and 14 BG M.S. ERW and black powder coated.



Waiting Chairs 1- seat : 306nos.

Overall height 780-790mm , overall width 670mm, overall depth 800mm, seat size 500mm (W) x 540(D) and back size 490 (W) x 740 (H), seat and back are made up of 12mm thick hot pressed, single piece ply wood upholstered fabric in front and back in leatherette, molded with polyurethane foam visitor sofa, the back plywood shall be designed with contoured lumbar support for extra comfort. The understructure shall be out of frame of M.S. and 14 BG M.S. ERW and black powder coated.

Waiting Chairs 2-seater – 4nos.

Overall height 780-790mm, overall width 1090mm, overall depth 800mm, seat size 1020mm (W) x 540(D) and back size 490 (W) x 740 (H), seat and back are made up of 12mm thick hot pressed, single piece ply wood upholstered fabric in front and back in leatherette, molded with polyurethane foam visitor sofa, the back plywood shall be designed with contoured lumbar support for extra comfort. The understructure shall be out of frame of M.S. and 14 BG M.S. ERW and black powder coated.

Waiting Chairs 3-seater : 2nos.)

Overall height 780-790mm, overall width 670mm, overall depth 800mm, seat size 1740mm (W) x 540(D) and back size 490 (W) x 740 (H), seat and back are made up of 12mm thick hot pressed, single piece ply wood upholstered fabric in front and back in leatherette, molded with polyurethane foam visitor sofa, the back plywood shall be designed with contoured lumbar support for extra comfort. The understructure shall be out of frame of M.S. and 14 BG M.S. ERW and black powder coated.



Examination Stools : 19nos.

Frame	:	Welded sheet metal construction.
Top	:	Machine pressed 18G S.S. steel sheet top (04 Cr 18 Ni 10) or (07 Cr 18 Ni 9) IS-6911-1972.
Shoes	:	Mounted on square rubber shoes.
Dimension	:	300mm square rubber shoes.
Material	:	Angle and channels 14G CRCA sheet.
Finish	:	Pretreated and powder coated 50 microns thickness.
Test	:	As per 6.1.2 of IS-4033-1068 & latest amendments issued if any.
Marking	:	According to 7 of IS-4033-1968 & latest amendments issued if any.

Patient Beds : 98nos.

- Bed size 204-206 (L) x 90(W) x 54 – 56 (H)cms.
- Two sections with perforated CRMS sheet 16 gauge.
- Mechanically operated through a crane mechanism at foot. Collapsible handle permanently attached to the screw.
- Head should be raisable upto 80⁰C.
- Spare should be pneumatic. Spring mechanism for immediate raise for Trendelenburg and reversed Trendelenburg positions.
- Frame ERW rectangular tubular with H/U shaped legs. Frame will be provided with four castors of 12.5cms (nylon/rubber). Two castors with a brake.
- Detachable head and foot SS bows with laminated panel.
- Side droppable safely guard rails.
- Four locations for dip rod.
- Mattress should be covered with stain free foam leather of good quality.
- Preheated and epoxycoated 50 micron.
- Spare – Two castors (one with brake) and two saline rods.
- In house quality test certificate to be provided with each bed.

Examination Beds: 28nos.

Frame : MS Tubular Section MS sheet shutters, drawn with cabinet. All MS work shall preheated & powder coated 50 micron.

Size : Overall approx. size: 1890 L x 510mm W x 820mm H.

Shape & Dimension : Gas spring assisted adjustable backrest of size 450mm L x 510mm W with Polyurethane foam, 5 cms thick, covered with stain free.

Upper section with three drawers Lower section comprises of cabinet with lockable sliding doors, swinging tray for B.P. Apparatus.

Pretreated and powder coated.

Attendant Couch: 20nos.

Size : 206 L x 66 W x 46H cm

Mattress : Matching size

Surface : 198 L x 61 W cm

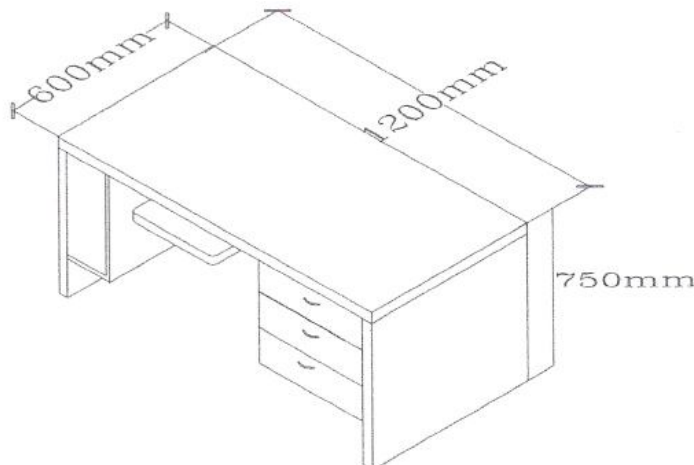
Patient's attendant, perforated CRCA sheet top bed. Strong "U" – shaped legs on rubber stamps.

Pretreated, Epoxy finish.

Consultation Table: 15nos.

The main desk of size 1200mm (L) X 600mm (D) X 750mm (H) made out of 18mm thick MDF batons and 0.5mm paper veneer to achieve an overall thickness of worktop 40mm, veneered portion shall be finished in high gloss polyester. The under structure made out of 18mm thick MDF board, provision for wire management and side panel out of 18mm thick MDF coated with melamine.

The modesty panel shall be made out of 18mm thick MDF board and coated with melamine; the drawer unit shall be constructed out of 18mm thick MDF board shall have a combination of 3 drawers. The drawer fronts shall be in paper veneer coated with high gloss polyester or melamine.

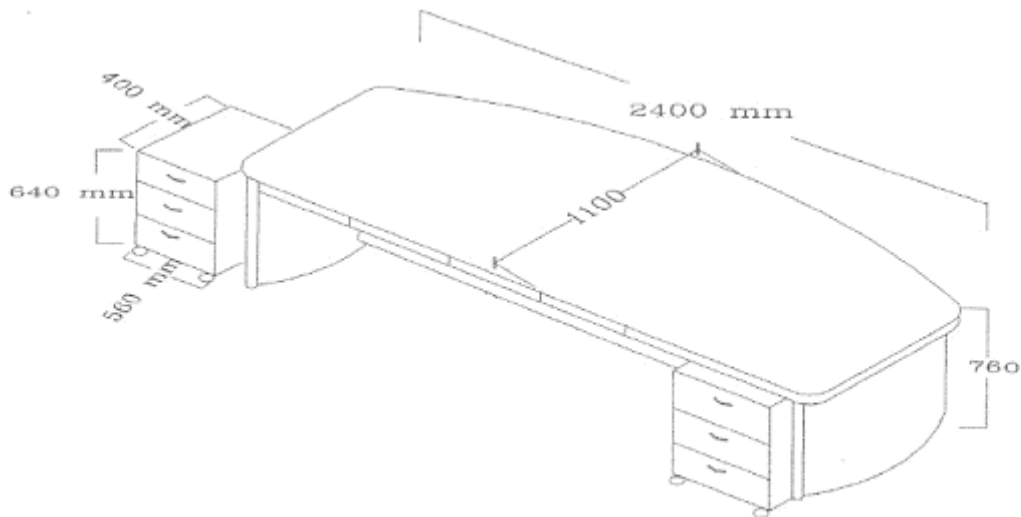


Office Table : 1no.

The main desk of size 2400mm (L) X 1100mm (D) X 760mm (H) made out of 18mm thick MDF batons and 0.5mm paper veneer to achieve an overall thickness of worktop 50mm, veneered portion shall be finished in high gloss polyester. The under structure made out of 18mm thick MDF board, provision for wire management and side panel out of 18mm thick MDF pigmented black and coated with melamine.

The sides return unit shall be of size 1200mm L x 430mm D x 640mm H. The worktop shall be made out of 18mm MDF with 0.5mm thick paper veneer finished in high glass polyester (overall thickness of top 19mm). The modesty panel shall be made out of 18mm thick MDF board and coated with melamine, the drawer unit shall be constructed out of 18mm thick MDF board shall have a combination of 3 drawer size is 640mm (H) x 400mm (D) x 560mm (W). The drawer fronts shall be in paper veneer coated with high gloss polyester or melamine.

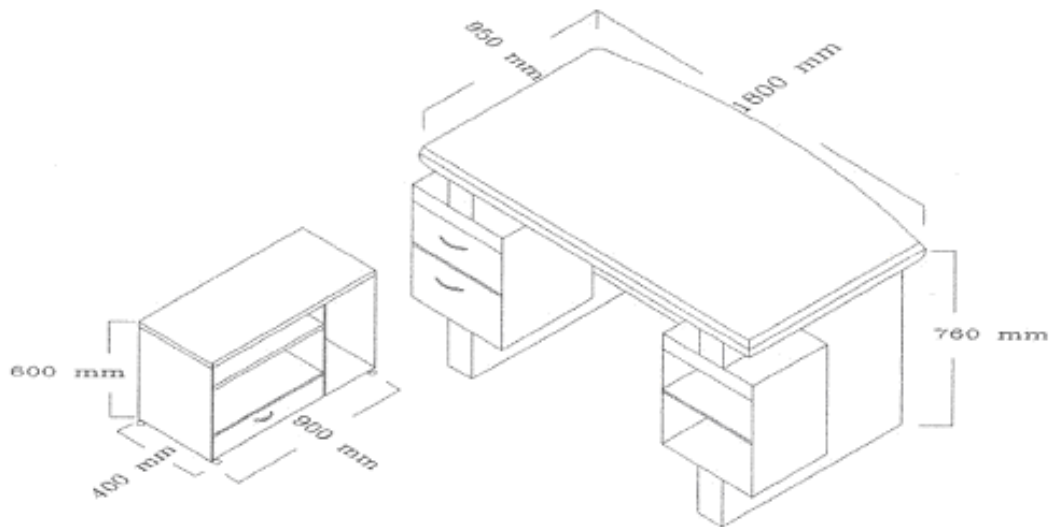
The main desk shall have a mobile back storage size 1600mm L x 400mm D x 670mm H and made out of 18mm thick MDF boards, shall have a combination of Sutter door unit, the drawer fronts shall be in paper veneer coated with high gloss polyester or melamine



Office Table : 8nos.

The main desk of size 1800mm (L) X 950mm (D) X 760mm (H) made out of 18mm thick MDF batons and 0.5mm paper veneer to achieve an overall thickness of worktop 40mm, veneered portion shall be finished in high gloss polyester. The under structure made out of 18mm thick MDF board, provision for wire management and side panel out of 18mm thick MDF coated with melamine.

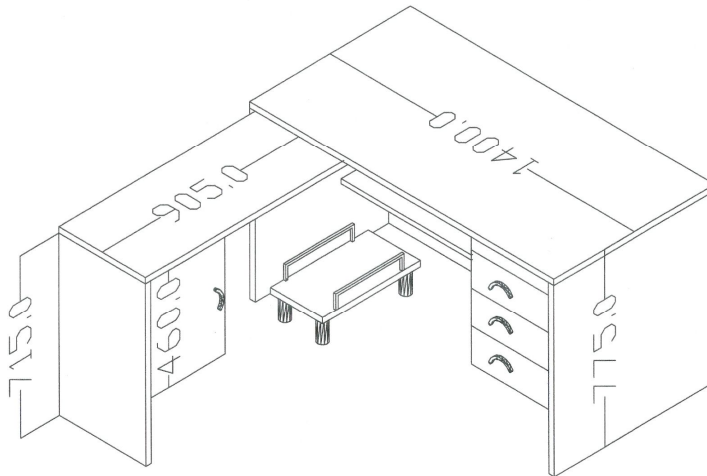
The sides return (mobile storage) unit shall be of size 900mm L x 400mm D x 660mmH. The worktop shall be made out of 18mm MDF with 0.5mm thick paper veneer finished in high gloss polyester (overall thickness of top 19mm). The modesty panel shall be made out of 18mm thick MDF board and coated with melamine, the drawer unit shall be constructed out of 18mm thick MDF board shall have a combination of 2 drawer and other pedestal is open with two shelf's. The drawer fronts or sides shall be in paper veneer coated with high gloss polyester or melamine.



Office Tables: 3nos.

The main desk of size 1400mm (L) X 740mm (D) X 740mm (H) made out of 18mm thick MDF top and 0.5mm paper veneer to achieve an overall thickness of worktop 19mm, veneered portion shall be finished in high gloss polyester. The under structure made out of 18mm thick MDF board, provision for wire management and side panel out of 18mm thick MDF coated paper veneer with melamine polish.

The sides return (fixed storage) unit shall be of size 930mm L x 400mm D x 715mmH. The worktop shall be made out of 18mm MDF with 0.5mm thick paper veneer finished in high gloss polyester (overall thickness of top 19mm). The modesty panel shall be made out of 18mm thick MDF board and coated with melamine, the drawer unit shall be constructed out of 18mm thick MDF board shall have a combination of 3 drawer with single lock. The drawer fronts or sides shall be in paper veneer coated with high gloss polyester or melamine.



Bedside Table :135nos.

The general requirements shall be as per IS-4033-1968

Frame	:	Basic frame of rectangular tube welded construction. Top frame tubular Welded constructions and stems of sheet metal fabrication or any other Reputed design.
Top	:	Laminated board in two piece construction.
Castors	:	Rolling-cum-swivelling castors (4 nos.) as per IS-4034-1979.
Shape & Dimension	:	Overall length 760mm L x 350mm W and height adjustable from 750 -770mm to 1050-1070mm (Approx.).
Material used	:	Base frame of rectangular tube of 30 x 60 1.6mm top frame of square tube of 25 x 25 x 1.25mm and stem made from 14G CRCA sheet of IS-513 D quality.
Finish	:	Pretreatedand powder coating 60 micron thickness.
Test	:	As per IS-4033-1968 & latest amendments issued if any.
Marking	:	As per IS-6207-1971 & latest amendments issued if any.

Center Tables : 2nos.

The under structure shall be an assembly of tubular frames made of MS ERW oval tubes of 35mm x 15mm x 1.8 mm thick held together with perforated MS shelf and threaded nuts and m/c screws. The ends of tubular frames shall be fitted with rubber studs at top and bottom, the top studs shall be fitted with PVC vacuum pads for mounting and gripping glass top of 9.5mm thick float glass with rounded corners, the powder coated shelf shall be made out of 0.5mm thick perforated MS sheet welded to MS square pipe 15mm x 15mm x 1.4mm thick with 3mm thick HR steel plate on each side for fixing under structure assembly. The tables shall have Top size 800mm (W) x 550mm (D) an overall height of 425 mm.

Foot Stool (Single) : 13nos.

The general requirements shall be as per IS-4033-1968

Frame	:	Frame work of welded tubular construction.
Top	:	Top CRCA 18 G Sheet. Aluminium top treat plates.
Shoes	:	Legs fitted with rubber shoes durable quality (free for 1 year use).
Dimension	:	Height 20 to 22cms. Step size about 500mm x 300mm W.
Material	:	Vertical tube of ERW 18G support rod of 9.8mm and top of CRCA 18G sheet.
Finish	:	Pretreated and powder coated in 50 microns thickness.
Test	:	As per IS-4033-1068 & latest amendments issued if any.
Marking	:	As per IS-4033-1968 & latest amendments issued if any.

Foot Stool (Double) : 12nos.

The general requirements shall be as per IS-4033-1968

Frame	:	Frame work of welded tubular construction.
Top	:	Top CRCA 18 G Sheet. Aluminium top treat plates.
Shoes	:	Legs fitted with rubber shoes durable quality (free for 1 year use).
Dimension	:	Overall Height 450mm. Step size about 510mmL x 300mm W.
Material	:	Vertical tube of ERW 18G support rod of 9.8mm and top of CRCA 18G sheet.
Finish	:	Pretreated and powder coated in 50 to 60 microns thickness.
Test	:	As per IS-4033-1068 & latest amendments issued if any.
Marking	:	As per IS-4033-1968 & latest amendments issued if any.

Side Tables : 28nos.

The under structure shall be an assembly of tubular frames made of MS ERW oval tubes of 35mm x 15mm x 18 BG thick held together with perforated MS shelf and threaded nuts and m/c screws. The ends of tubular frames shall be fitted with rubber studs at top and bottom, the top studs shall be fitted with PVC vacuum pads for mounting and gripping glass top of 9.5mm thick float glass with rounded corners, the powder coated shelf shall be made out of 0.5mm thick perforated MS sheet welded to MS square pipe 15mm x 15mm x 14BG thick with 3mm thick HR steel plate on each side for fixing under structure assembly. The tables shall have top size 550mm (W) x 550mm (D) and overall height of 425 mm.

Side Credenza : 42nos.

Size : 1200mm W x 500mm D x 705mm H with top made from 25mm thick plain particle board clad with 0.5-0.6mm thick laminate post formed & backing laminate and the edges sealed with 2mm thick beeding. Sides, shutters/doors & inner shelves made from 18mm thick prelaminated particle board sealed with 2mm thick beeding.