

BOQ For Networking NTU Faisalabad			
S. No	Item	Unit	Qty
Active Equipments for Network			
1	24 Port Network Layer 2 Ethernet Gigabit switch with 4 SFP+ and 2 RJ45 interfaces For 10G Uplink	No.	24
2	Network Layer 3 10G with 24 port SFP+	No.	2
3	Wireless Access Point (AP)	No.	10
4	WLAN Controller	No.	1
Servers Mechine and Software			
1	Server Computer	No.	2
2	Network Management Software	No.	1
UPS			
1	UPS 10 KVA with 1.0 Power Fector	No.	3
2	Battery Bank	No.	3
Passive Equipment for Network (Copper)			
1	CAT-VI UTP Cable (Reel=305meter)	Reel	130
2	CAT-VI UTP Patch Panel 24 Ports	No.	25
3	Cable Organizer in metal material	No.	25
4	CAT-VI UTP I/O (Information Outlet)	No.	600
5	CAT-VI UTP Dual Port Shuttered Face Plate	No.	600
6	Backbox Material PVC Size (H=3.5"W=3.5"D=1.5") with thickness of 1/8" brass female bush for screw	No.	600
7	CAT-VI UTP Patch Cable 1M	No.	600
8	CAT-VI UTP Patch Cable 3M	No.	300
9	CAT-VI UTP Patch Cable 5M	No.	300
10	3 core flexible cable (2.5mm)In Meter and Black Color	Meter	1500
11	Network Cabinet 42-U	No.	3
12	Network Cabinet 12-U Double Section	No.	20
13	PDU 8-Port	No.	30
Passive Equipment for Network (Optical Fiber)			
1	Single Mode Fiber Optic Cable 10G 12-Core (In Meter)	Meter	3000
2	Fiber optic ODF 12 Ports with Double Fiber Coupler	No.	22
3	Fiber Optic Patch Cord SC-SC SM 10G 3 Meter	No.	50
4	Fiber Optic Patch Cord SC-LC SM 10G 3 Meter	No.	50
5	Fiber Optic Patch Cord LC-LC SM 10G 3 Meter	No.	50
6	Transceiver SM-LC SFP+ (long range 10Km) 10G	No.	40
7	Transceiver SM-LC SFP+ (long range 120Km) 10G	No.	10
Duct			
1	Adamjee Duct 16x38 (Per feet)	Feet	As Per Actual
2	Adamjee Duct 40x40 (Per feet)	Feet	As Per Actual
3	Adamjee Duct 60x60 (Per feet)	Feet	As Per Actual
4	Adamjee Duct 100x100 (Per feet)	Feet	As Per Actual
5	Cable Tray GI Size 12"x6" With thickness of 1.5mm top cover and all allied accessories	Feet	As Per Actual

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Miscellaneous items			
1	Cable Tie 18" Nylon Natural White Color	PKT	75
2	Cable Tie 12" Nylon Natural White Color	PKT	75
3	Cable Tie 10" Nylon Natural White Color	PKT	100
4	Cable Tie 08" Nylon Natural White Color	PKT	150
5	Cable Tie 06" Nylon Natural White Color	PKT	250
6	30x10mm Transparent Clear Waterproof Wire Sign Cable Tie Marker Labeled Tag Box	PKT	20
7	Rawal Bolt Pipe Shape (1/2"x3")	No.	500
8	Cage Nut Bolt SS with top shape +	No.	500
9	Electrical insulation tape (19mm x 0.18mm x 20m) Red Color	No.	200
10	Screw 1.25" 6mm with Top of +	PKT	As Per Actual
11	Plastic Screw Anchor (Gati)	PKT	As Per Actual
12	washer with inner diameter of 1/8"	PKT	As Per Actual
13	HDPE Pipe with inner diameter 2" with thickness of 3/16" Black Color	Meter	As Per Actual
14	Flexible pipe	Feet	As Per Actual
15	Hand holes for Fiber Optic Cable. Size (H=3'xW=3'xD=3')	No.	As Per Actual
16	Caution tape	Feet	As Per Actual
Installation of Network Equipment (Labour works Only)			
1	Laying of Duct	Feet	As Per Actual
2	Laying of Cable tray	Feet	As Per Actual
3	Laying of UTP Cable	Feet	As Per Actual
4	Installation of Face plate, Back Box and termination of I/O	No.	As Per Actual
5	Termination of CAT-VI UTP Patch Panel	No.	As Per Actual
6	Digging for laying of hdp pipe (Depth=36" and width=6") and Back Filling using briks and caution tape	Feet	As Per Actual
7	Boring crossing road	Feet	As Per Actual
8	Laying of Optical Fibe cable	Feet	As Per Actual
9	Splicing	No.	As Per Actual
10	Fluke Testing of Ethernet Cable with Test Report	No.	As Per Actual



Network Administrator




Incharge IT

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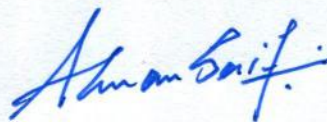
Incharge IT Department
National Textile University
Faisalabad

Specifications for Office Furniture

Sr. No.	Description/Specifications	Qty
01	<p>Executive Chair ("A" Type)</p> <p>Revolving Chair High quality Genuine Leather/PU, High quality wooden frame Stable, painting fine finishing</p> <p>Minimum Dimensions: Dimensions: Width (69 cm or 27.25"); Depth (117 cm or 46.25") o Back Dimensions: Width (58 cm or 23"); Height (80 cm or 31.5") o Weight: 76 lbs. o Traditional big and tall design o Black leather</p> <div style="text-align: center;">  </div> <p>Pictures are shown for reference only. The bidders must provide actual technical brochures of the types, models and specifications of the furniture offered.</p>	01



02	<p>Executive Table with Side Rack ("A" Type) Made of melamine laminated Particle board or MDF 50mm or MDF 50mm with veneer and painting, have the character of anti-water, anti-dirty, anti-scratch</p> <p>Top grade MDF; Edge: PVC 2mm fine finish, Sealing Edge; Two grommets with sheet writing pad on desktop</p> <p>Minimum Dimensions: Table size (2000W X 2000D X 750H) Sample available on site</p> <p>Side Table 1200W X 400D X 750H Sample available on site</p>	01
03	<p>Executive Visitors Chair ("A" Type) High quality Genuine Leather/PU, High quality Steel frame Stable, Best quality leather cushioning</p> <p>Minimum Dimensions: Steel chair with arms, seat and back cushioned covered (Size seat height 18", high back 20" from seat width 20", depth 20" – 22")</p> <p>Sample available on site</p>	13
04	<p>Sofa Set (3+2) ("A" Type)</p> <p>Outside Frame: solid wood frame (Sheesham) and plywood. Top: High quality flocking fabric, genuine leather,</p>	02 Set


wear-resistant, anti-fouling, high hardness.



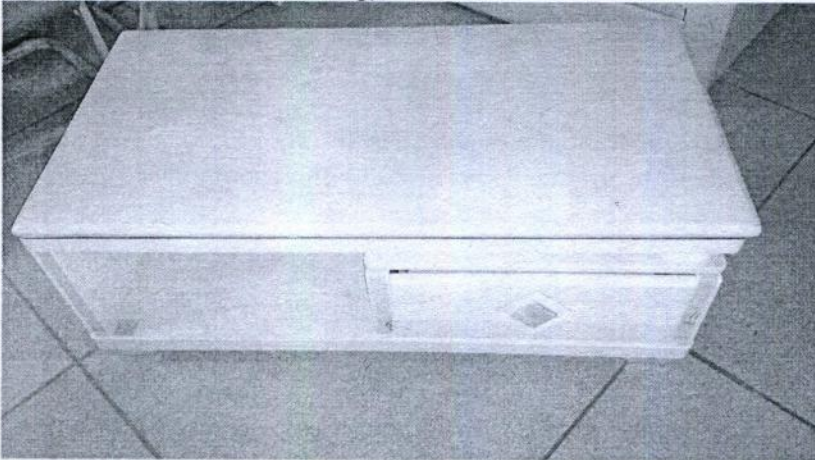
Pictures are shown for reference only. The bidders must provide actual technical brochures of the types, models and specifications of the furniture offered.

05 **Center Table ("A" Type)**

Top grade MDF;
Scratch resistant;
Edge: PVC fine finish, Sealing Edge;

Minimum Dimensions:

Size: 1200*600*750mm
50mm (Desk top and side Leg)



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06 **Executive Chair ("B" Type)**

Minimum Dimensions:

Revolving Chairs - Adjustable lumbar support and instant seat height adjustment. Heavy duty metal 5- prong base Height/width adjustable arms

02


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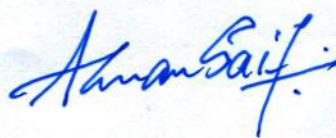
	<p>with soft, durable urethane pads. With best quality of 4" thick foam seat & leather with 3" thick foam leather back</p> <p>Minimum Dimensions: Overall: 30-1/4"Wx28-3/4"Dx42" to 44-1/2"H. Best quality leather cushioning , Back Rest etc</p> <p>Sample available on site</p>	
07	<p>Executive Table with Side Rack ("B" Type)</p> <p>Top grade MDF; Scratch resistant; Edge: PVC fine finish, Sealing Edge; Two grommets with writing pad sheet on desktop</p> <p>Minimum Dimensions: Table size 1600W X 1800D X 750H made of MDF 3 drawers Right side (with central locks) on one side and Drawer and cabinet on other side.</p> <p>Sample available on site</p> <p>Side Table 1200W X 400D X 750H</p> <p>Sample available on site</p>	25
08	<p>Executive Visitors Chair ("B" Type)</p> <p>High quality Mesh Back, High quality Steel frame Stable, Best quality mesh Foam Pad</p> <p>Minimum Dimensions: Steel chair with arms, seat and bade (Size seat height 18", high back 20" from seat width 20", depth 20" – 22")</p> <p>Sample available on site</p>	68
09	<p>Sofa Set (3+2) ("B" Type)</p> <p>Inside: Steel frame, spring, high-density foam, Outside: PU, Steel Leg</p> <p>Minimum Dimensions: Size in CM: 74*77*85/187*77*85CM</p> <p>Sample available on site</p>	03 Set
10	<p>Center Table ("B" Type)</p> <p>Top grade MDF; Scratch resistant;</p>	03

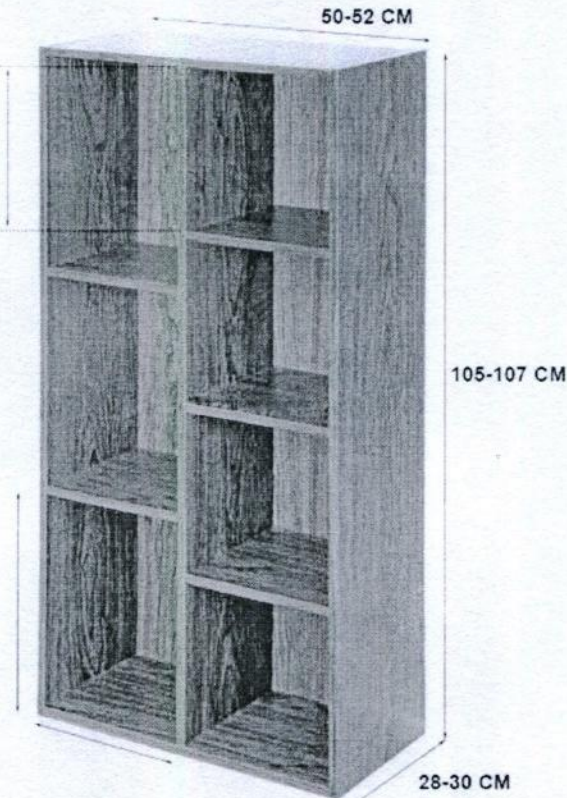


Amran Saifi



	<p>Edge: PVC fine finish, Sealing Edge;</p> <p><u>Minimum Dimensions:</u> <u>Size:</u> 1200*600*750mm 50mm (Desk top and side Leg)</p> <p>Sample available on site</p>	
11	<p>File Cabinet ("B" Type) Made of melamine laminated Particle board or MDF 50mm or MDF 50mm with veneer and painting, have the character of anti-water, anti-dirty, anti-scratch</p> <p>Top grade MDF; Scratch resistant; Edge: PVC 2mm fine finish, Sealing Edge;</p> <p><u>Minimum Dimensions:</u> 1668W X 400D X 2000H</p>  <p>Pictures are shown for reference only. The bidders must provide actual technical brochures of the types, models and specifications of the furniture offered.</p>	05


12	<p>Wooden Rack ("B" Type)</p> <p>Made of melamine laminated Particle board or MDF 50mm or MDF 50mm with veneer and painting, have the character of anti-water, anti-dirty, anti-scratch</p> <p>Top grade MDF; Scratch resistant; Edge: PVC 2mm fine finish, Sealing Edge;</p>  <p>Pictures are shown for reference only. The bidders must provide actual technical brochures of the types, models and specifications of the furniture offered.</p>	15
13	<p>Meeting Table for 20 Persons</p> <p>Top grade MDF; Scratch resistant; Edge: PVC fine finish, Sealing Edge;</p> <p><u>Minimum Dimensions:</u></p>	01



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14	<p>Meeting Chairs</p> <p>Minimum Dimensions: Revolving Chairs - Adjustable lumbar support and instant seat height adjustment. Heavy duty metal 5- prong base Height/width adjustable arms with soft, durable urethane pads. With best quality of 4" thick foam seat & leather with 3" thick foam leather back</p> <p>Minimum Dimensions: Overall: 30-1/4"Wx28-3/4"Dx42" to 44-1/2"H. Best quality leather cushioning , Back Rest etc</p> <p>Sample available on site</p>	20
15	<p>Office Chair (A)</p> <p>Revolving Chairs - Adjustable lumbar support and instant seat height adjustment. Heavy duty metal 5- prong base Height/width adjustable arms with soft, durable urethane pads. With Mesh Fabric Back</p> <p>Minimum Dimensions: Overall: 63*61.5*103-113cm</p>	36

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16

Table with Side Rack

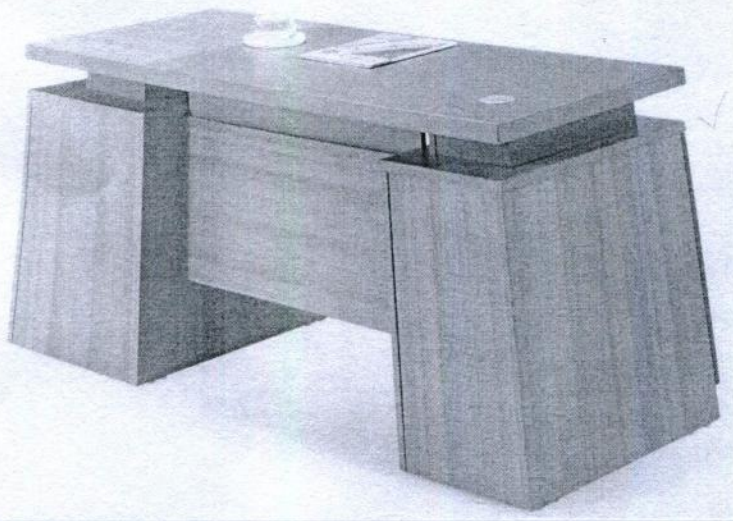
Made of melamine laminated Particle board or MDF 50mm or MDF 50mm with veneer and painting, have the character of anti-water, anti-dirty, anti-scratch

Top grade MDF; Scratch resistant; Edge: PVC fine finish, Sealing Edge; Two grommets with writing pad sheet on desktop

Minimum Dimensions:

Table size 1400W X 700D X 750H made of MDF 3 drawers (with locks) on one side and Drawer and cabinet on other side.

49



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Side Table 1200W X 400D X 750H
 Sample available on site

17	<p>Visitor Chairs Wooden</p> <p>VISITOR CHAIRS</p> <p>Upholstered with best quality foam & leather</p>	110
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Frame: Made of A class wood, Polished with approved colour/Finish. Soft rubber foot for all legs

Minimum Dimensions:

Seat Height 18 inches
Overall Height 36 inches
Backrest Width 20 inches
Overall Depth 18 inches
Base Diameter 25 inches



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18 **Office Chair (B)**

20

1.5mm plating Leg,plywood,High Density ,spong,mesh,fabric

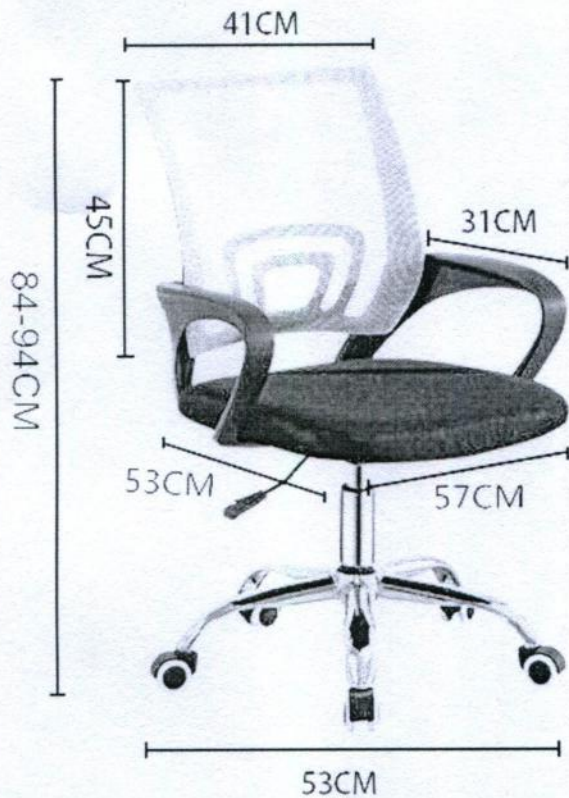
Minimum Dimensions:

Minimum Dimensions: Overall: L570*W530*H840-940

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A handwritten signature in blue ink, appearing to be 'Ahman Saif'.

A handwritten signature in blue ink, appearing to be 'Z. J. J.' with a large flourish.



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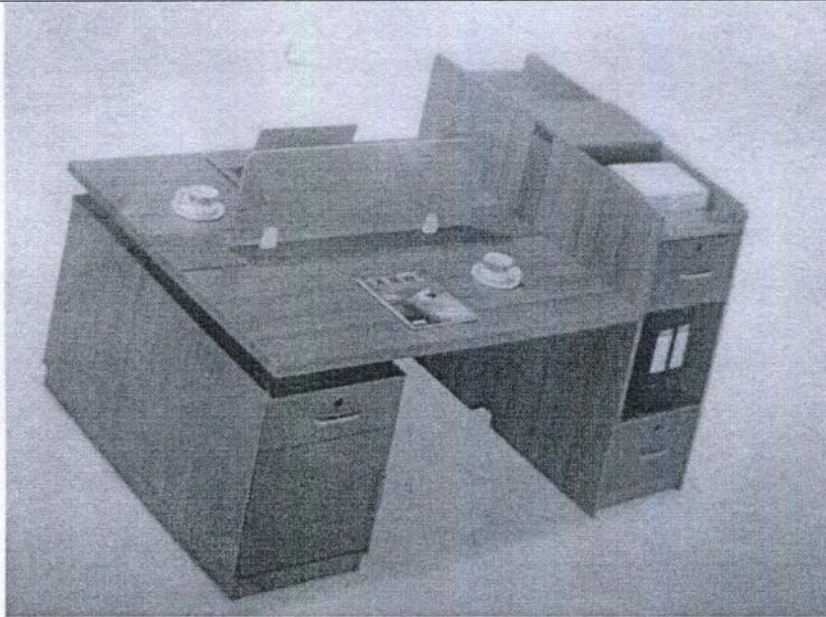
17 **Work Station Complete Set**
 Made of melamine laminated Particle board or MDF 50mm or MDF 50mm with veneer and painting, have the character of anti-water, anti-dirty, anti-scratch

Top grade MDF; Scratch resistant;
 Edge: PVC fine finish, Sealing Edge;
 One grommet on each desktop

Minimum Dimensions:
Size: 1600W X 1200D X 1120H

For 04 persons (03 workstations)

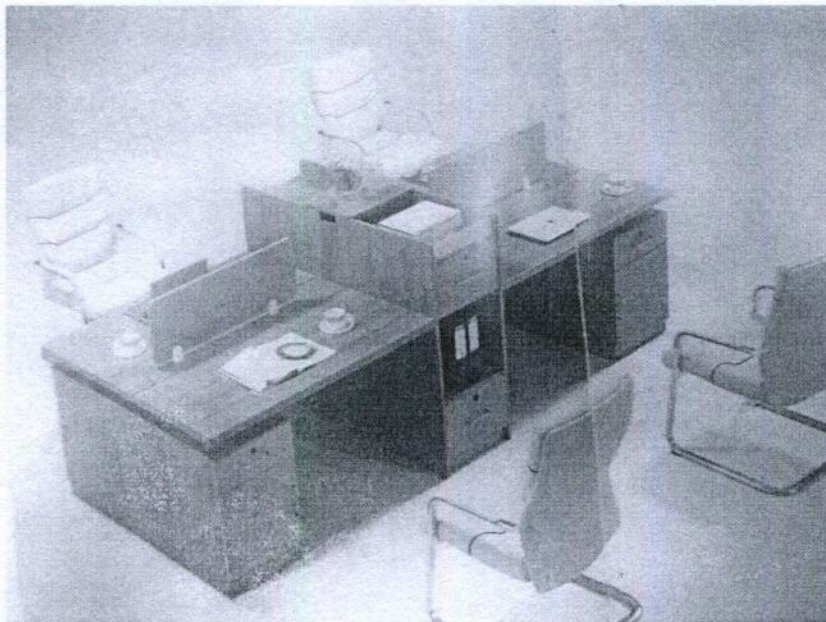
 For 02 persons (02 workstations)



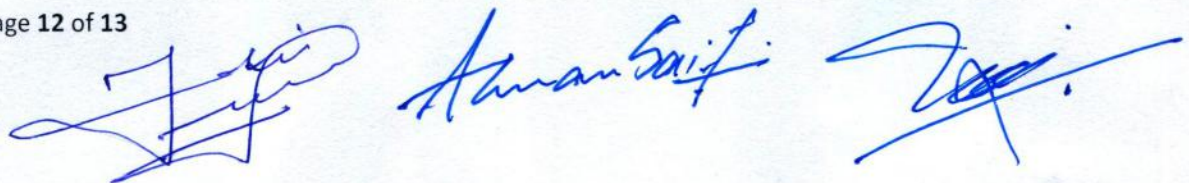
Pictures are shown for reference only. The bidders must provide actual technical brochures of the types, models and specifications of the furniture offered.

Minimum Dimensions:

Size: 2800W X 1200D X 1120H



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18

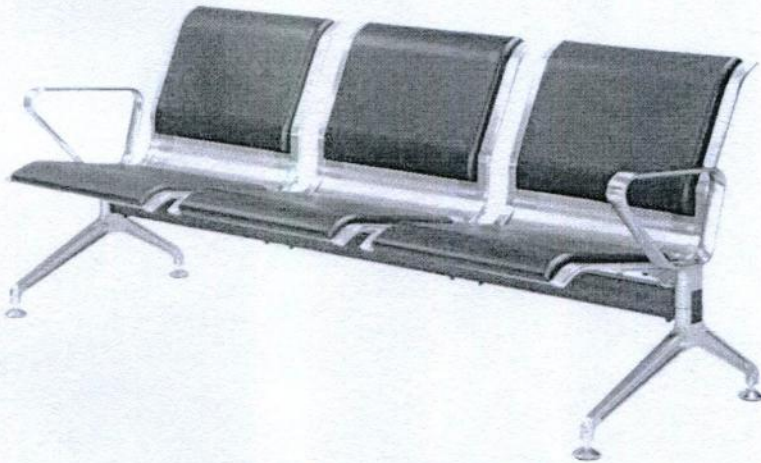
Steel Three Seater Bench

02

Made from top quality stainless steel after precise pressing, 1.5mm thickness perforated stainless steel board, Made from top Quality stainless steel, Arms/Legs: 1.5mm thickness stainless steel

Minimum Dimensions:

1800mm*680mm*800mm



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A handwritten signature in blue ink, appearing to be a stylized name.

Aman Saifi

A handwritten signature in blue ink, appearing to be a stylized name.