




Annex - B
List of Equipment and Furniture for
Vocational Technical Institute – Buffer Zone, Karachi

1. Computer Lab Equipment and Furniture

Computer Lab Equipment and Furniture				
S #	Equipment Name	Product Description	Quantity	Reference Picture
1	Computer Desktop + Flat LED screen + Mouse + Keyboard	<p>Processor: Intel Core-i7 12 Generation or higher, Memory: 16 GB DDR4 RAM Hard Disk: 1-TB SSD Internal Storage Drive, Graphics Card: Intel 630 Graphics, Optical Drive: DVD-RW Drive, Mouse: USB Optical Mouse, Keyboard: USB Keyboard, Others: Ethernet 100/1000 Mbs Adapter, Wi-Fi, USB Type-A and Type-C port, Ethernet, VGA/HDMI Ports with Cables. Installed with original windows 11 Flat Screen Computer Monitor 22-Inch IPS Display (1080p) – Built-In Speakers and VESA Mounting - Height/Tilt Adjustment for Ergonomic Viewing – HDMI and VGA Port</p>	25	

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2	UPS for Desktop computers	<p style="text-align: center;">Providing and Installation of Brand New UPS Output power capacity 390/400 Watts / 650 VA Nominal Output Voltage 230V Output Frequency 50/60 Hz +/-1 Hz Transfer Time 6ms typical: 10ms maximum Out Put Connections (4), IEC 320 C13 (Battery Backup of 15 to 20 minutes) APC or Equivalent</p>	25	
3	Laptop	<p style="text-align: center;">Core i7 Processor already installed – Original Windows 11, Memory 16 GB RAM or higher Hard drive 1Tb or higher, Graphic card – 1GB Video Memory or higher, 15” Screen, Screen resolution 1920x1080-pixel resolution (Full HD), wireless wifi included, Inbuilt Wide Vision 720p HD camera and digital microphones Along with accessories Bag</p>	1	

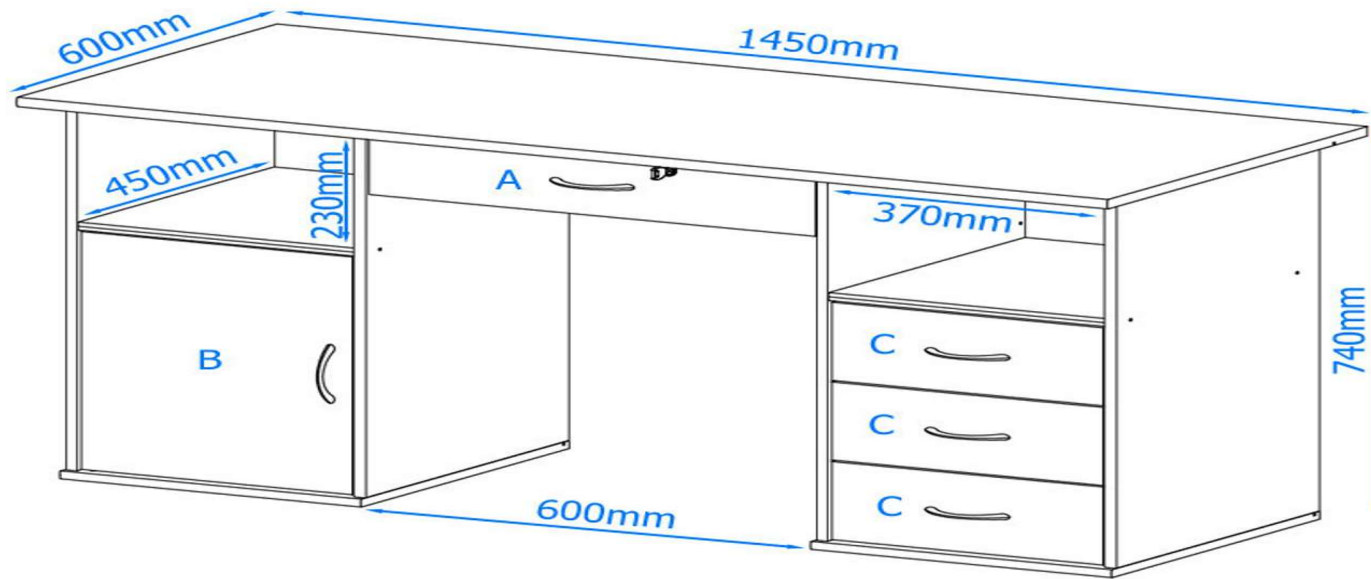
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4	Instructor Chair	Revolving Chairs, High back, Height/width adjustable, With full arms rest. Leatherette material, Black Color	1 x Pcs	Dimensions as per below
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5	Instructor Desk	Steel base, laminated top 3-Drawers on the right and 1-Cabinet on the left side	1 x Pcs	Dimensions as per below
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Internal Dimensions

A - H120 × W580 × D370 mm

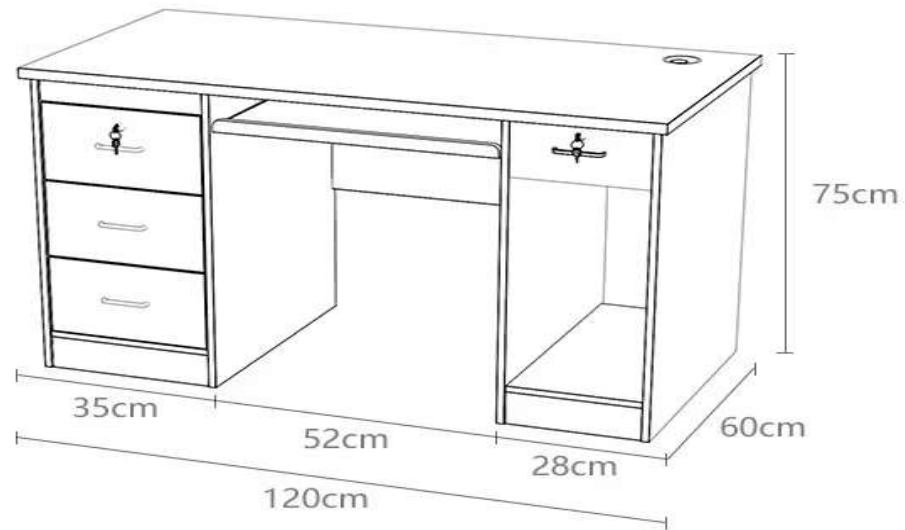
B - H445 × W370 × D430 mm

C - H70 × W310 × D370 mm

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6	Computer Desk	Compact Wooden Computer Desk, Made with High Quality Melamine Laminated Flakeboard or MDF	25 x Pcs	Dimensions are as below
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【GOODS SIZE】




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7	Computer / Student Chair	Revolving Chairs – Low Back, Adjustable Height. With full arms	25 x Pcs	As per below Dimensions
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<p>8</p>	<p>Projector</p>	<p>Projection System: 0.65" WXGA Native Resolution: 1280x800 Brightness: 5000 (ANSI Lumens) Light Source Type: Laser Phosphor</p>	<p>1 x Pcs</p>	
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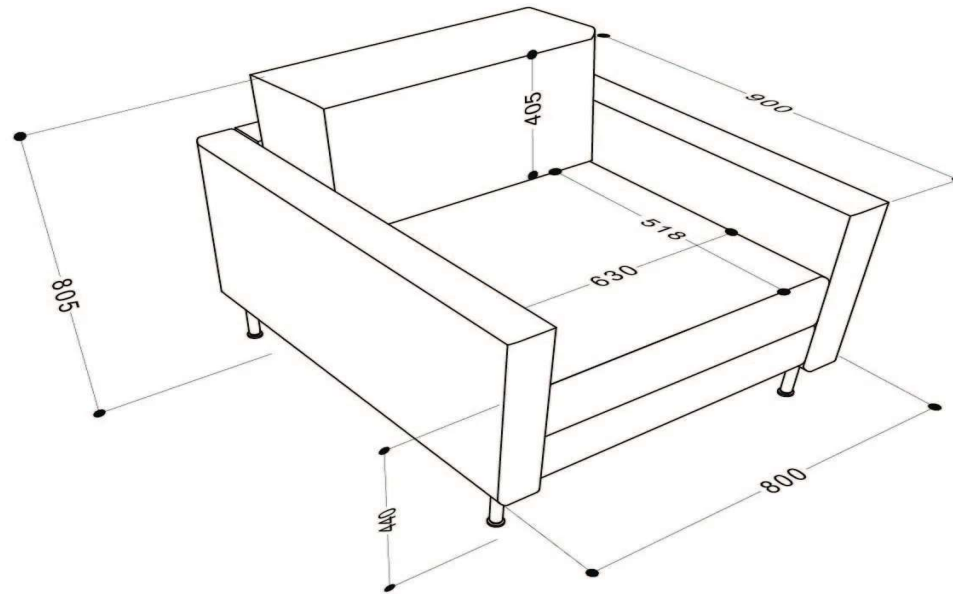
2. Auditorium Equipment and Furniture

Auditorium equipment and Furniture			
S#	Equipment Name	Product Description	Quantity
1	Wooden chair	Made in Solid Sheesham wood frame with Master Molty foam seat and back, upholstered in Approved color fabric with complete structure polish finish. A1 brand fabric will be used, and sample color book will be provided for color selection. Dimensions are as per attached Picture.	25 x Pcs



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2	Single seat executive sofa with MS base:	Structure made from the solid and seasoned sheesham wood frame structure with proper binding from all sides, along with Master Molty foam on seat and back support. Upholstered in leatherette material of black color, sample of color will be provided after approval. With 4inch armrest with 1.5in foaming of same brand.	20 x Pcs
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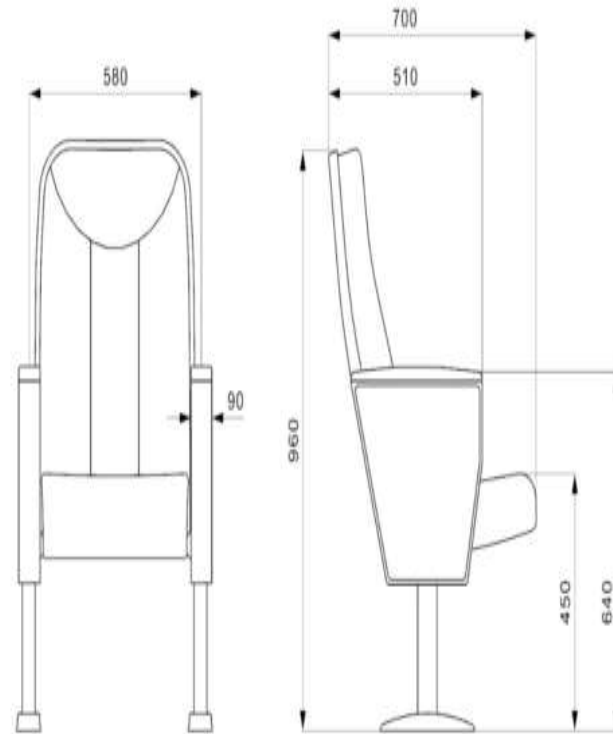


GARIS 1 Seater Sofa

Overall Dimension : W800 x D900 x H805
Seat Depth: 518mm Seat Height: 440mm Seat Width: 630mm

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3	Auditorium chair local made including installation	Base structure made in solid MS pipe 18 gage Karachi white I.L brand with approved color powder coating, along with floor binding nut bold, with armrest sides will be upholstered in A-1 brand fabric of approved color, with 3inch Master Molty foam, seating area foam & 2.5inch back support foam. Seat will be in folding position. Armrest sides will also be upholstered in same color fabric or different color fabric as per client approval. Sample will be provided after approval. Installation of chairs on site should be included in the price. Installation location: Karachi	300 x Pcs
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5	Projector	Projection System: 0.65" WXGA Native Resolution: 1280x800 Brightness: 5000 (ANSI Lumens) Light Source Type: Laser Phosphor	1 x Pcs
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6	Supply and Installation of Sound system	Complete Sound System as per below requirements. Includes installation at site (Karachi)	1 x System						
		<p>The sound system will be first assessed on site before quoting</p> <div style="text-align: center;"> </div> <p>1. The sound reinforcement system is mainly composed of speakers, power amplifiers, mixers, microphones, sound sources and other equipment, which can realize simple meetings, lectures, special reports, etc.</p> <p><u>Product List</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">ITEM NO.</th> <th style="text-align: left;">Name</th> <th style="text-align: right;">QTY</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">1</td> <td style="text-align: left;">UHF Wireless microphones</td> <td style="text-align: right;">1</td> </tr> </tbody> </table>	ITEM NO.	Name	QTY	1	UHF Wireless microphones	1	1 x System
ITEM NO.	Name	QTY							
1	UHF Wireless microphones	1							

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2	Desktop UHF Wireless Microphone System	1
3	16 Channel Audio Mixer (YAMAHA/EQUIVALENT)	1
4	Feedback Suppressor	1
5	16 channel Digital Audio Processor	1
6	Professional Stereo Amplifier (8Ω ; 2x650W)	1
7	Professional Stereo Amplifier (8Ω ; 2x300W)	3
8	Professional Stereo Amplifier (8Ω ; 2x250W)	2
9	Professional Stereo Amplifier (8Ω ; 2x400W)	3
10	200W 8" Passive Array Full Range Speaker	6
11	400W 15" Passive Array Subwoofer	2
12	8" 150W Professional Two-Way Cabinet speaker 8 Ohm	4
13	10" 250W Professional Two-Way Cabinet speaker 8Ohm	6
14	Speaker Bracket (Wall Mount)	6
15	Active Wall Mount Speaker for Monitoring	1
16	8 Channel Power Supply Sequence Controller	2
		1
17	40U 19" Audio Racks with Door and Fan	

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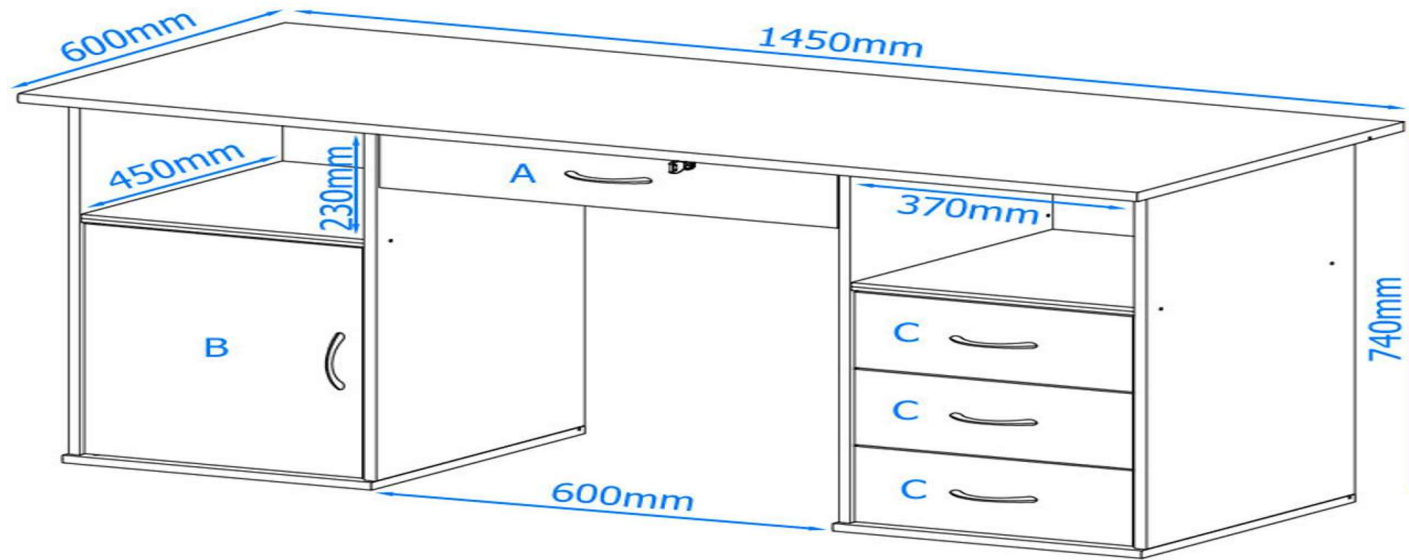
3. Textile Lab equipment and furniture

Textile Lab equipment and furniture				
S #	Equipment Name	Product Description	Quantity	Dimension
1	Instructor Chair	Revolving Chairs, High back, Height/width adjustable, With full arms rest.	1	As per below

A black leather instructor chair with dimensions: 18" (back width), 29.5" (back height), 20" (seat width), 19" (seat depth), 5" (seat height), 46.5-49.5" (total height), and 17-23" (base height).

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2	Instructor Desk	Steel base, laminated top	1	As per below
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Internal Dimensions

A - H120 x W580 x D370 mm




B - H445 x W370 x D430 mm

C - H70 x W310 x D370 mm


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3	Student Chair	Revolving Chairs – Low Back, Adjustable Height. With full arms	25	As per below
 <p>The image shows a black revolving office chair with a gold-colored base and five casters. The chair has a low back and full arms. Dimensions are shown: total height 85-89cm, seat height 46-50cm, backrest height 64-68cm, and seat width 59cm.</p>				

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4	Projector	Projection System: 0.65" WXGA Native Resolution: 1280x800 Brightness: 5000 (ANSI Lumens) Light Source Type: Laser Phosphor	1	
5	Schacht Tapestry School Loom (Weaving)	Weaving Width: 15", Sett: 6 or 12 DPI, Dimensions: Width: 15", Height: 25.5", Folded Depth: 2.25", Open Depth: 19", Weight: 3.5 lbs, 2 - Pick Up Sticks, Weaving Needle, Built-In Stand, Solid Maple Construction	25	
6	Frame for Silk Painting and Batik	Adjustable wooden frame for stretching and suspending fabric for batik and silk/fabric painting. Loosen bolts to slide sides and adjust to varying widths. Frame should be with the adjustment slots along the side pieces. Maximum opening range up to 100cm	10	

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7	Stain Removing Gun	Air Pressure Up to 100 psi Body Material SS and Plastic Cup Capacity 750 ml	5	
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Note:

- Delivery Basis: Delivery at place (DAP) – Karachi (Buffer zone)
- For Auditorium chair and sound system, the selected bidder will provide commissioning and testing items at site.
- UNHCR reserves the right to increase or decrease the quantities of any item listed, or to remove any item entirely from the list.