

01. Desktop Computers

Description	Minimum Specification	Compliance Yes/No
Brand	(Specify)	
Model	(Specify)	
Country of Origin & Country of Manufacture / Assembly	(Specify)	
Year of Manufacture	(Specify)	
Form Factor	Desktop PC – Tower type	
Processor	Intel Core i7 8 <sup>th</sup> Gen or higher	
Processor Speed	3.2 GHz Base frequency or higher up to 4.6GHz,12MB Cache	
Chip Set	Intel B360 or higher	
Memory	8GB DDR4 2666MHz – upgradable up to 32GB	
Hard disk	1TB 7200rpm or better	
Monitor & Resolution	18.5” LED Backlit Anti-Glare , 1366x768 Resolution – Wide Screen only	
Graphics	Intel UHD Graphics 610/630 with shared graphics memory	
Optical drive	Integrated DVD+ RW Drive	
Pointing Device	USB Mouse – Same Brand	
Sound	Integrated Audio with USB speakers	
Key Board	USB Standard Keyboard – Same Brand	
Communications	10/100/1000 Mbps LAN, Integrated Wi-Fi & Bluetooth (Dual band ) Dongle is not accepted	
Interfaces	Front – Minimum 2 USB 3.0 Ports, Rear – Minimum 4 USB Ports including 2 USB 2.0 1 x RJ 45 1 x HDMI Port built in 1 x VGA Port 3-stack audio jacks supporting 5.1 surround sound 5:1 media card reader	
PCI Interface	Minimum 2 Expansion slots including 1 Nos PCI x 16, (specify)	
Security	Chassis lock slot	
Operating System	•Microsoft Genuine Windows 10 Professional OS with OEM License inclusive of required software Components / drivers	
Standards and Certifications for manufacture of the quoted Brand	Valid ISO 9001 : 2015, ISO 14001:2015 Offered Model must possess FCC or CE or Equal certified documentary evidence must be provided as proof	
Warranty	05 Years comprehensive onsite island wide warranty (Labor & parts & Power adapter) Confirmation letter from the manufacture should be provided  Service/Repairs should be done within 3 working days.	

<p>Manufacture Authorization Certificates</p>	<p>Manufacture Authorization Certificate should be provided</p> <p>Bidders should have attached a letter from the computer manufacturer showing that the proposed computers are given under comprehensive warranty for Five (05) years from the date of the installation.</p>	
<p>Manufacturer's Experience</p>	<p>The Brand offered should have minimum of 10 years satisfactory performance after obtaining the brand/ trademark registration</p>	
<p>Bidders Experience</p>	<p>The vendor should have successfully sold the Computers &amp; Laptops for the last five years in the local market. The bidder should provide documentary evidence to support the above.</p>	

OR

02, TECHNICAL SPECIFICATIONS FOR UPS

	Purchaser's Requirements	Bidder's Offer		Remarks
		Conformity Yes(Y)	No(N)	
1	Make & Model :			
2	Capacity			
3	Backup Time at Full Load			
4	Battery Type			
5	Output			
6	Transfer Time			
7	Frequency			
8	Warranty			
9	Unit Price			

Information given under "Bidder's Offer" is true & correct.

Make & Model : .....

Country of Manufacture : .....

Bidder's Name, Signature & Date : .....

Company Seal : .....

03. **Technical Specifications**

*The Bidder shall fill the bidder's offer column. Bidder's failure to provide information requested in the bidder's offer column may be a reason for the rejection of the bid.*

**Portable Hard Disk**

Description	Minimum Specification	Bidder's Offer
Brand	<i>(Specify)</i>	
Model	<i>(Specify)</i>	
Country of Origin &	<i>(Specify)</i>	
Country of Manufacture / Assembly	<i>(Specify)</i>	
Year of Manufacture	<i>(Specify)</i>	
Make	International reputed brand	
Capacity	2TB	
Interface	USB 3.0	
Data Transfer rate	Up to 4.8 GB/s	
Speed	5400/ 7200RPM	
Supported OS	Windows XP/ Vista/ 7/ 8/ 8.1/ 10	
Warranty	1 year	

Signature of Bidder .....  
(Signature of person signing the bid)

#### 04. Technical Specifications

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#### **External bluray DVD writer**

Description	Minimum Specification	Bidder's Offer
Brand	(Specify)	
Model	(Specify)	
Country of Origin &	(Specify)	
Country of Manufacture / Assembly	(Specify)	
Year of Manufacture	(Specify)	
Drive Supported:	12.7mm SATA Optical Drive	
Model:	Slim	
Interface:	USB 2.0 / 3.0	
Read Speeds:	6x for Blu Ray, 8x for DVD, 24x for CDs, 4x for M-Disc	
Write Speeds:	6x for Blu Ray, 8x for DVD, 24x for CDs, 4x for M-Disc	
Data Transfer Rate:	480Mbps	
Power Supply:	DC Power	
Warranty	1 year	

Signature of Bidder .....  
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## Technical Specifications

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### 05 . Laser Printer (Duplex)

Description	Minimum Specification	Bidder's Offer
Brand	<i>(Specify)</i>	
Model	<i>(Specify)</i>	
Country of Origin &	<i>(Specify)</i>	
Country of Manufacture / Assembly	<i>(Specify)</i>	
Year of Manufacture	<i>(Specify)</i>	
Printer Speed	UP to 30 PPM (A4)	
Print Resolution	600 dpi × 600 dpi, 1200x1200 dpi	
Paper Size	A4, Letter, A5, A5 (Long Edge), A6, Executive, Legal,	
Network Printing	10BASE-T / 100BASE-TX	
Paper Input	250 Sheet Input Tray	
Paper out	100 Sheet	
Duplex printing	Automatic 2-sided Printing	
Interfaces	Hi -speed USB 2.0 Port	
Operating System Support	Windows 7/8.1/10	
Warranty	One year or more	
A sample unit with all above features, Documents / manuals and Software CDs should be submitted with the offer		

Signature of Bidder .....  
(Signature of person signing the bid)

06. Colour Inkjet Printer with High yield Ink Tank system

Feature	Requirement		Bidders Response
Print Head / Ink	Type:	Individual Ink Bottle	
	Ink Droplet Size:	2pl min	
Print Speed Based on ISO / IEC 24734	Document: Col	Approx. 5.0ipm	
	Document: B / W	Approx. 8.8ipm	
Printable Area	Borderless Printing	Top / Bottom / Right / Left margin: each 0mm	
	Bordered Printing	Top margin: 3mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm	
Paper Size	A4, A5, B5, Letter, Legal, 4 x 6", 5 x 7", Envelopes		
Paper Handling (Maximum Number)	Plain Paper	A4, A5, B5, Letter = 100, Legal = 10	
	High Resolution Paper	A4 = 80	
	Glossy & Matte Photo Paper	A4 = 10, 4 x 6" = 20	
	Envelope	European DL/US Com. #10 = 10	
Paper Weight	Plain Paper: 64 - 105g/m <sup>2</sup> , Max paper weight: approx. 275g/m <sup>2</sup>		
<b>General Specifications</b>			
Interface	Hi-Speed USB		
Paper Output Tray	A4, Letter = 50, Legal = 10		
Power	AC 100 - 240V; 50 / 60Hz		

07.

**SPECIFICATIONS FOR COLOR LASER PRINTER**

Printing Method	Colour Laser Beam Printing	
Fixing Method	On Demand Fixing	
Print Speed	Mono:	14ppm (A4/Letter)
	Colour:	14ppm (A4/Letter)
Print Resolution	600 x 600dpi	
	9600 (equivalent) x 600dpi	
	1200 x 1200dpi (equivalent)	
First Printout Time (FPOT)	18/18 secs. (A4 / Letter)	
Warm-up Time (from Power On)	20secs. or less	
Recovery Time (from Deep Sleep)	Approx. 4secs.	
<b>Paper Handling</b>		
Paper Input (based on 80g/m2)	150 sheets or more	
Paper Output (based on 80g/m2)	125 sheets (Face-Down) or more	
Paper Size	A4 / B5 / A5 / Letter / Legal* / Executive / 16K / Foolscap / Statement / Envelope COM-10 / Envelope Monarch / Envelope C5 / Envelope DL / 3x5 index card / Custom (Width: 83 ~ 215.9mm x Length: 127.0 ~ 355.6mm) * Legal refers to paper measuring 215.9 x 355.6mm (8.5 x14 inches)	
Paper Weight	60~220g/m2	
Print Margins	5mm-top, bottom, left and right (Envelope: 10mm)	
<b>Connectivity and Software</b>		
Standard Interfaces (Wired)	USB 2.0 High Speed; 10Base-T / 100Base-TX	
Compatible Operating Systems	Windows:	Windows 7, 8, 10 (32bit / 64bit)
	Macintosh:	Mac OS 10.6 and above *1
<b>General Specifications</b>		
Device Memory	64MB	
Power Consumption	Maximum:	800W or less
	During Operation:	Approx. 340W
	During Standby:	Approx. 10W
	During Sleep:	Approx. 0.9W
Energy Star TEC (Typical Electricity Consumption)	0.4 kWh/week	
Dimensions (Width x Depth x Height)	406 x 454 x 255mm (Excluding protrusion)	
Warranty	One Year Warranty	

08



08.

**Technical Specification of Multimedia Projector – Portable**

The Bidder shall fill the bidder's offer column. Bidder's failure to provide information requested in the bidder's offer column may be a reason for the rejection of the bid.

1.

Projector	Specification	Bidder's respond
Brand		
Model		
County of Manufacture		
Year of Manufacture		
<b>Brightness</b>	3300 ANSI LUMENS	
<b>Native Resolution</b>	XGA (1024 X 768)	
<b>Supported Resolutions</b>	VGA/SVGA/XGA/WXGA/WXGA+ /SXGA/SXGA+/UXGA/MAC 16	
<b>Contrast Ratio</b>	20,000 :1	
<b>Projection Technology</b>	LCD	
<b>Audio</b>	16 WATT	
<b>Image Size (Diagonal)</b>	30 – 300 (INCH)	
<b>Lamp Life (Normal Mode)</b>	6000 Hours -proof document required	
<b>Lamp Life (ECO Mode)</b>	12500 Hours-proof document required	
<b>Video Input Signals</b>	NTSC/NTSC4.43/ PAL / SECAM/M-PAL/N-PAL /SDTV 480i,480p,576i, HDTV 720p,1080i/1080p	
<b>Video Input</b>	Composite Video: RCA jack x 1	
<b>Audio Input</b>	3.5mm Stereo mini jack x 1	
<b>Computer Input</b>	Analog RGB: 15 pin mini D-sub X 2	
<b>HDMI Port</b>	HDMI x 2	
<b>Audio Output</b>	Specify	
<b>Monitor or Output</b>	Analog RGB: 15 pin mini D-sub x 1	
<b>Control &amp; Mouse</b>	9-pin D sub x 1 for RS232C	
<b>USB</b>	USB type A x 1 for PC-less presentation, USB Type B x 1	
<b>Wired Network (LAN)</b>	RJ-45 x 1	
<b>Mic. Input</b>	3.5mm mono mini x 1	
<b>Projection Types</b>	Front/Rear/Ceiling & Desktop projection	
<b>Weight</b>	Approx. 3.7kg	
<b>Supplied Accessories</b>	Computer cable, Remote control, Batteries, Power code, User's manual	
<b>Warranty</b>	3 years Comprehensive onsite warranty	
Signature of Bidder .....		

(Signature of person signing the bid)

08.  
II

**Technical Specification of Multimedia Projector -fixed**

The Bidder shall fill the bidder's offer column. Bidder's failure to provide information requested in the bidder's offer column may be a reason for the rejection of the bid.

Projector	Specification	Bidder's respond
Brand		
Model		
County of Manufacture		
Year of Manufacture		
<b>Brightness</b>	3300 ANSI LUMENS	
<b>Native Resolution</b>	XGA (1024 X 768)	
<b>Supported Resolutions</b>	VGA/SVGA/XGA/WXGA/WXGA+ /SXGA/SXGA+/UXGA/MAC 16	
<b>Contrast Ratio</b>	20,000 :1	
<b>Projection Technology</b>	LCD	
<b>Audio</b>	16 WATT	
<b>Image Size (Diagonal)</b>	30 – 300 (INCH)	
<b>Lamp Life (Normal Mode)</b>	6000 Hours -proof document required	
<b>Lamp Life (ECO Mode)</b>	12500 Hours-proof document required	
<b>Video Input Signals</b>	NTSC/NTSC4.43/ PAL / SECAM/M-PAL/N-PAL /SDTV 480i,480p,576i, HDTV 720p,1080i/1080p	
<b>Video Input</b>	Composite Video: RCA jack x 1	
<b>Audio Input</b>	3.5mm Stereo mini jack x 1	
<b>Computer Input</b>	Analog RGB: 15 pin mini D-sub X 2	
<b>HDMI Port</b>	HDMI x 2	
<b>Audio Output</b>	Specify	
<b>Monitor or Output</b>	Analog RGB: 15 pin mini D-sub x 1	
<b>Control &amp; Mouse</b>	9-pin D sub x 1 for RS232C	
<b>USB</b>	USB type A x 1 for PC-less presentation, USB Type B x 1	
<b>Wired Network (LAN)</b>	RJ-45 x 1	
<b>Mic. Input</b>	3.5mm mono mini x 1	
<b>Projection Types</b>	Front/Rear/Ceiling & Desktop projection	
<b>Weight</b>	Approx. 3.7kg	
<b>Supplied Accessories</b>	Computer cable, Remote control, Batteries, Power code, User's manual	
<b>Warranty</b>	3 years Comprehensive onsite warranty	

Signature of Bidder .....  
(Signature of person signing the bid)