

Revised standard specifications for Purchasing of Computers

Branded Desktop Computers (Type 01) -Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the proposed System		
Form Factor	Micro Tower		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Processor	7th Generation or higher Intel Core i3		
Chipset	Intel Q270 Chipset or higher		
Memory	Minimum 8GB, Dual channel DDR4 SDRAM expandable up to 32GB		
Hard Disk	1TB SATA drive with 7200RPM or better		
Optical drive	DVD-RW SATA drive		
Sound	Integrated sound		
Video controller	Integrated graphics		
Monitor	18.5' or better LED monitor (Res 1366x768) (Same Brand)		
Network interface	Integrated Gigabit Ethernet		
	Integrated Wireless LAN		
I/O Ports	4 x USB Ports including at least 2x USB 3.0 ports. (minimum 02 in front)		
	1 x Microphone on front		
	1 x Headphones on front		
	RJ 45		
Expansion slots	Please specify		
Mouse	USB 2-Button Optical Scroll Mouse		
Keyboard	USB 104 keys with windows keyboard		
Power	Please specify		
	Should have Energy Star Certification		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be included Hardware Drivers on CD Media		
Security	Cable lock, chassis security slot and padlock loop		
Accessories	UPS 650 VA (with 2 years warranty)		
Warranty	03 Years comprehensive warranty (Labour, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand.		
	Bidder should have minimum of 08 years experience in selling the quoted Similar Products in Sri Lanka.		
	Manufacturer should have minimum of 10 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line (Corporate client) for not less than 05 years. An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Desktop Computers – (Type 02) -Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the proposed System		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Form Factor	Micro Tower		
Processor	7th Generation or higher Intel Core i5		
Chipset	Intel Q270 Chipset or higher		
Memory	Minimum of 8GB, Dual channel DDR4 SDRAM expandable up to 32GB		
Hard disk	1TB SATA drive with 7200RPM or better		
Optical Drive	DVD-RW SATA drive		
Sound	Integrated sound		
Video Controller	Integrated graphics		
Monitor	18.5' or better LED monitor (Res 1366x768) (Same brand)Brand)		
Network interface	Integrated Gigabit Ethernet		
	Integrated Wireless LAN		
I/O Ports	4 x USB Ports including at least 2 x USB 3.0 ports. (Minimum 02		
	1 x Microphone on front		
	1 x Headphones on front		
	RJ 45		
Expansion slots	Please specify		
Mouse	USB 2-Button Optical Scroll Mouse		
Key Board	USB 104 keys with windows keyboard		
Power	Should have Energy Star Certification		
	Please specify		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be included Hardware Drivers on CD Media		
Security	Cable lock, chassis security slot and padlock loop		
Warranty	03 Years comprehensive warranty (Labour, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand. Bidder should have minimum of 08 years experience in selling the quoted similar products in Sri Lanka. Manufacturer should have minimum of 10 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line not less than 05 years (Corporate client). An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Desktop Computers (Type 03) -Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the proposed System		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Type	Micro Tower		
Processor	7th Generation or higher Intel Core i7 –with at least 8MB Smart cache		
Chipset	Intel Q270 Chipset or higher		
Memory	Minimum of 16GB, Dual channel DDR4 SD RAM expandable up to 64GB		
Internal Storage	128 GB 2.5" SATA SSD for OS		
	1TB SATA drive with 7200RPM or better		
Optical Drive	DVD-RW SATA drive		
Sound	Integrated sound		
Video Controller	Integrated graphics		
Monitor	18.5' (Res 1366x768) or better LED monitor (Same Brand)		
Network Interface	Integrated Gigabit Ethernet		
	Integrated Wireless LAN		
I/O Ports	Minimum 4 External USB 3.0 ports		
	Minimum 10 USB ports (minimum 2/4 in front)		
	1 x Microphone on front		
	1 x headphones on front		
	1 x RJ 45		
	2 x Display ports (HDMI, DVI or VGA)		
Expansion slots	specify		
Mouse	2-Button Optical Scroll Mouse		
Key Board	104 keys with windows keyboard		
Power	Please specify		
	Should have Energy Star Certification		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be included Hardware Drivers on CD Media		
Security	Cable lock, chassis security slot and padlock loop		
Warranty	03 Years comprehensive warranty (Labour, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand.		
	Bidder should have minimum of 08 years experience in selling the quoted Similar Products in Sri Lanka.		
	Manufacturer should have minimum of 10 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line (Corporate client) for not less than 05 years. An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Laptop Computers - Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be an internationally brand from a reputed vendor		
Model	Please Specify the exact model name of the laptop		
Country of Origin	Please specify		
Country of Manufacture	Please Specify		
Processor	7th Generation or higher Intel Core i5		
Chipset	Compatible Intel Chipset		
Memory	Minimum of 16GB, Dual channel DDR4 SD RAM expandable up to 32GB		
Internal Storage	128 GB 2.5" SATA SSD for OS		
	1TB SATA drive with 7200RPM or better		
Optical drive	DVD-RW SATA drive		
Audio	Intergraded High define audio		
Speakers	Intergraded Internal Speakers		
Monitor	15.6" LED HD (1366x768) Anti-Glare		
Web CAM	Integrated HD video webcam		
Video	Intel HD Graphics (512 MB Shared Memory or higher)		
Pointing Device	Single pointing device		
Wireless	Wireless (802.11 n/ac or later)		
Bluetooth	Bluetooth v4.0		
Network	Gigabit Ethernet		
I/O Ports	1. External Display (VGA or HDMI)		
	2. minimum 3 USB ports (at least 2 x USB 3.0)		
	3. Headphone / Speaker out		
	4. Memory Card Reader,		
	5. 1 USB 2.0/e SATA combo		
	6. RJ 45		
Power	Please specify		
Battery type	4 Cell (58WHR) or better Primary Battery		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be Included Hardware Drivers on CD Media		
Caring case	Back pack type (Carrying Case should from the same Brand)		
Warranty	3 Years comprehensive warranty (Labor, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand. Bidder Should have minimum of 10 years experience in selling the quoted Similar Products in Sri Lanka. Manufacturer should have minimum of 8 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line (Corporate client). An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Laptop (Notebook) Computers - Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the laptop		
Country of Origin	Please specify		
Country of Manufacture	Please Specify		
Processor	7th Generation Intel Core i5 or higher		
Chipset	Compatible Intel Chipset		
Memory	Minimum of 8GB, Dual channel DDR4 SD RAM expandable up to 16GB		
Hard disk	1TB SATA drive with 7200RPM or better		
Optical drive	DVD-RW SATA drive (Optional, Please specify)		
Audio	Intergraded High define audio		
Speakers	Intergraded Internal Speakers		
Monitor	13.3' LED (1366x768) Anti-Glare		
Web CAM	Integrated HD video webcam		
Video	Intel HD Graphics (512 MB Shared Memory or higher)		
Pointing Device	Single pointing device		
Wireless	Wireless (802.11 n/ac or later)		
Bluetooth	Bluetooth v4.0		
Network	Gigabit Ethernet		
I/O Ports	1. External Display (VGA or HDMI)		
	2. minimum 2 USB ports (at least 1 x USB 3.0)		
	3. Headphone / Speaker out		
	4. Memory Card Reader,		
	5. 1 USB 2.0/e SATA combo		
	6. RJ 45		
Power Adapter	Please specify		
Battery type	4 Cell (58WHr) or better Primary Battery		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be Included Hardware Drivers on CD Media		
Caring case	Carrying Case should from the same Brand		
Warranty	3 Years comprehensive warranty (Labor, Parts, Onsite Backup)		
Product Experience	Product brand must be a internationally recognized brand. Bidder Should have minimum of 10 years experience in selling the quoted Similar Products in Sri Lanka. Manufacturer should have minimum of 8 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line (Corporate client). An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded All in One Computer - Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the system		
Country of Origin	Please specify		
Country of	Please specify		
Type	All-in one Desktop PC		
Operating System	Windows 10, Professional 64 bits		
Processor	Intel® Core™ i5 7th Generation or higher		
Chipset	Please specify		
RAM	8GB upgradable at least up to 16GB DDR4		
Hard Disk	1TB or higher, 7200rpm		
Graphics	Intel HD integrated Graphics (Specify model)		
Wireless	Wireless (802.11 n/ac or later)		
Optical Device	DVD +/- RW (Internal) or better		
Mouse	2 Buttons Optical Scroll Mouse USB		
Keyboard	USB Keyboard		
Expansion Ports	Microphone		
Display Type	Headphone/Speakers		
	RJ-45 (10/100/1000)		
	06 USB Ports at least 2 x 3.0 USB		
	LED 23.8" or upper Resolution - Please specify (HD Preferred)		
Security option	Chassis lock slot		
Warranty	3 Years comprehensive warranty (Labor, Parts, Onsite Backup)		
Authorization	Manufacturing Authorization Letter should be provided with		
Product Experience	Product brand must be a internationally recognized brand.		
	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.		
	The manufacturer should have minimum of ten years experience in manufacturing the same brand.		
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Desktop Computers – (For Lab Use Type 01- High speed, low storage) - Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the proposed System		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Form Factor	Micro Tower		
Processor	7th Generation or higher Intel Core i5		
Chipset	Intel Q270 Chipset or higher		
Memory	Minimum of 8GB, Dual channel DDR4 SDRAM expandable up to 32GB		
Hard disk	256 GB 2.5" SATA SSD		
Optical Drive	DVD-RW SATA drive		
Sound	Integrated sound		
Video Controller	Integrated graphics		
Monitor	18.5' or better LED monitor (Res 1366x768) (Same brand)Brand)		
Network interface	Integrated Gigabit Ethernet		
	Integrated Wireless LAN		
I/O Ports	4 x USB Ports including at least 2 x USB 3.0 ports. (Minimum 02		
	1 x Microphone on front		
	1 x Headphones on front		
	RJ 45		
Expansion slots	Please specify		
Mouse	USB 2-Button Optical Scroll Mouse		
Key Board	USB 104 keys with windows keyboard		
Power	Should have Energy Star Certification		
	Please specify		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be included Hardware Drivers on CD Media		
Security	Cable lock, chassis security slot and padlock loop		
Warranty	03 Years comprehensive warranty (Labour, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand. Bidder should have minimum of 08 years experience in selling the quoted similar products in Sri Lanka. Manufacturer should have minimum of 10 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line not less than 05 years (Corporate client). An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Branded Desktop Computers – (For Lab Use Type 02- High speed, low storage) -Requirement		Conform (Yes / No)	Remarks
Make	Please specify - Should be a brand from an internationally reputed vendor		
Model	Please Specify the exact model name of the proposed System		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Type	Micro Tower		
Processor	7th Generation or higher Intel Core i7 –with at least 8MB Smart cache		
Chipset	Intel Q270 Chipset or higher		
Memory	Minimum of 16GB, Dual channel DDR4 SD RAM expandable up to 64GB		
Internal Storage	256 GB 2.5" SATA SSD		
Optical Drive	DVD-RW SATA drive		
Sound	Integrated sound		
Video Controller	Integrated graphics		
Monitor	18.5' (Res 1366x768) or better LED monitor (Same Brand)		
Network Interface	Integrated Gigabit Ethernet		
	Integrated Wireless LAN		
I/O Ports	Minimum 4 External USB 3.0 ports		
	Minimum 10 USB ports (minimum 2/4 in front)		
	1 x Microphone on front		
	1 x headphones on front		
	1 x RJ 45		
	2 x Display ports (HDMI, DVI or VGA)		
Expansion slots	specify		
Mouse	2-Button Optical Scroll Mouse		
Key Board	104 keys with windows keyboard		
Power	Please specify		
	Should have Energy Star Certification		
Operating System	Genuine Windows 10 Professional 64 bit		
Driver Software	Should be included Hardware Drivers on CD Media		
Security	Cable lock, chassis security slot and padlock loop		
Warranty	03 Years comprehensive warranty (Labour, Parts, Onsite Backup)		
Product Experience	Product brand must be an internationally recognized brand.		
	Bidder should have minimum of 08 years experience in selling the quoted Similar Products in Sri Lanka.		
	Manufacturer should have minimum of 10 years experience in manufacturing of the same Brand (Attach proof)		
The bidder should be an authorized service provider for the quoted product line (Corporate client) for not less than 05 years. An authorized letter from the principal supplier should be attached.			
Bidders who have service centre for quoted product in Kandy/ Peradeniya area will be preferred			

Revised standard specifications for Purchasing of Portable Hard Drives

<i>Specification for Portable Hard Drive - Requirement</i>		<i>Conform (Yes / No)</i>	<i>Remarks</i>
Make & Model	Please specify - Should be a brand from a reputed vendor		
HDD Type	Please specify		
Rotational Speed	Please specify		
Transfer Rate	Please specify		
Capacity	1 TB		
System Requirements	Windows® 10 (32-bit/64-bit), Windows® 8/ 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit)		
Interface	USB 3.0 (Compatible with USB 2.0)		
Power	USB Powered (Without external power supply)		
Warranty	01 Year Warranty on site		

<i>Specification for Portable Hard Drive - Requirement</i>		<i>Conform (Yes / No)</i>	<i>Remarks</i>
Make & Model	Please specify - Should be a brand from a reputed vendor		
HDD Type	Please specify		
Rotational Speed	Please specify		
Transfer Rate	Please specify		
Capacity	2 TB		
System Requirements	Windows® 10 (32-bit/64-bit), Windows® 8/ 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit)		
Interface	USB 3.0 (Compatible with USB 2.0)		
Power	USB Powered (Without external power supply)		
Warranty	01 Year Warranty on site		

Revised standard specifications for Purchasing of Laser Printers

Monochrome Laser Printer			
<i>Requirement</i>		<i>Conform (Yes / No)</i>	<i>Remarks</i>
Make	Please specify - Should be a brand from a reputed vendor		
Model	Please Specify the exact model name of the proposed printer		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Type	Monochrome laser		
Print Resolution	Minimum 1200 x 1200 dpi or Higher		
Print speed black	Up to 28 ppm or more		
Time to First Page	Less than 07 Seconds		
Media sizes	A4, A5, letter, Legal, Envelope , Universal		
Media types	Paper (light, heavy, recycled), envelopes, labels, transparencies		
Duty cycle	Up to 30,000 pages		
Duplex printing	Yes - Automatic		
Input paper capacity	250 or more Sheets input tray		
Memory	128 MB or more		
Processor Minimum	750 MHz		
Connectivity	Hi-speed USB 2.0, 100/1000 Base TX Ethernet (RJ45)		
Software drivers	Compatible with Windows 10/08/07		
Power and data Cables, user manuals and driver CD's to be included			
Warranty	Three Year Warranty on site		
Cost per Toner Cartridge	Please specify		
Yield	Please specify		
Cost per Copy	Please specify		
Authorization	Manufacturing Authorization Letter should be provided with warranty details		
Vendor Qualification	The manufacturer should have minimum of Five years experience in manufacturing the same brand.		

Multi Functional Monochrome Laser Printer			
<i>Requirement</i>		<i>Conform (Yes / No)</i>	<i>Remarks</i>
Make	Please specify - Should be a brand from a reputed vendor		
Model	Please Specify the exact model name of the proposed printer		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Functions	Print, copy, scan, fax		
Display	Please specify		
Print Resolution	Minimum 1200 x 1200 dpi or Higher		
Print speed black	Up to 28 ppm or more		
Time to First Page	Less than 07 Seconds		
Media sizes	A4, A5, letter, Legal, Envelope , Universal		
Media types	Paper (light, heavy, recycled), envelopes, labels, transparencies		
Duty cycle	Up to 30,000 pages		
Duplex printing	Yes - Automatic		
Input paper capacity	250 or more Sheets input tray		
Memory	128 MB or more		
Processor Minimum	750 MHz		
Connectivity	Hi-speed USB 2.0		
	100/1000 Base TX Ethernet (RJ45)		
	Built-in Wi-Fi preferred		
	1 Phone line RJ11		
Software drivers	Compatible with Windows 10/08/07		
Power and data Cables, user manuals and driver CD's to be included			
Warranty	Three Year Warranty on site		
Cost per Toner Cartridge	Please specify		
Yield	Please specify		
Cost per Copy	Please specify		
Authorization	Manufacturing Authorization Letter should be provided with warranty details		
Vendor Qualification	The manufacturer should have minimum of Five years experience in manufacturing the same brand.		

Color Laser Printer			
<i>Requirement</i>		<i>Conform (Yes / No)</i>	<i>Remarks</i>
Make	Please specify - Should be a brand from a reputed vendor		
Model	Please Specify the exact model name of the proposed printer		
Country of Origin	Please specify		
Country of Manufacture	Please specify		
Type	Color laser		
Display	Please specify		
Print Resolution	Minimum 600 x 600 dpi or Higher		
Print speed	Up to 20 ppm or more		
Time to First Page	Black - Less than 11 Seconds		
	Color - Less than 13 Seconds		
Media sizes	A4, A5, letter, Legal, Envelope , Universal		
Media types	Paper (light, heavy, recycled), envelopes, labels, transparencies		
Duty cycle	Up to 30,000 pages		
Duplex printing	Yes - Automatic		
Input paper capacity	250 or more Sheets input tray		
Memory	128 MB or more		
Processor Minimum	750 MHz		
Connectivity	Hi-speed USB 2.0		
	100/1000 Base TX Ethernet (RJ45)		
	Built-in Wi-Fi preferred		
Software drivers	Compatible with Windows 10/08/07		
Power and data Cables, user manuals and driver CD's to be included			
Warranty	Three Year Warranty on site		
Cost per Toner Cartridge	Please specify		
Yield	Please specify		
Cost per Copy	Please specify		
Authorization	Manufacturing Authorization Letter should be provided with warranty details		
Vendor Qualification	The manufacturer should have minimum of Five years experience in manufacturing the same brand.		

Revised standard specifications for Purchasing of Photocopy Machines

Item Specifications		Small Office Copier	Medium Office Copier	Heavy-duty Copier
Make				
Model				
Country of Origin				
Maximum Original Size		A3	A3	A3
Copying Speed	A4	20 PPM or more	20 PPM or more	40 PPM or more
	A3	10 PPM or more	10 PPM or more	20 PPM or more
First Copy Time		8 Secs or less	6.5 Secs or less	4 Secs or less
Warm-Up Time	From Power On	14 Secs or less	35 Secs or less	35 Secs or less
	From Sleep Mode	3 Secs or less	3 Secs or less	3 Secs or less
Resolution	Scan	Please specify	Please specify	Please specify
	Copy	Please specify	Please specify	Please specify
	Print	Please specify	Please specify	Please specify
Multiple Copies		Please specify	1 to 999 sheets	1 to 999 sheets
Duplex Printing		Please specify	Inbuilt Standard	Inbuilt Standard
Scan Features	Colors	B / W & Color	B / W & Color	B / W & Color
	Maximum Size	A3	A3	A3
Processor speed		400 MHZ or more	Please specify	Please specify
Memory Capacity		128 MB or more	256 MB or more	512 MB or more
Storage		Please specify	Please specify	Please specify
Paper Handling	Tray 01	A3, B4, A4R, A4, B5R, B5, A5R	A3, B4, A4R, A4, B5R, B5, A5R	A3, B4, A4R, A4, B5R, B5, A5R
	Tray 02	Optional	A3, B4, A4R, A4, B5R, B5, A5R	A3, B4, A4R, A4, B5R, B5, A5R
	Bypass Tray	A3, B4, A4R, A4, B5R, B5, A5R, Envelope	A3, B4, A4R, A4, B5R, B5, A5R, Envelope	A3, B4, A4R, A4, B5R, B5, A5R, Envelope
Paper Capacity	Tray 01	Please specify	Please specify	Please specify
	Bypass Tray	Please specify	Please specify	Please specify
Connectivity	Network	Ethernet 100BASE-TX / 10BASE-T	Ethernet 100BASE-TX / 10BASE-T	Ethernet 100BASE-TX / 10BASE-T
		Wifi - Please specify	Wifi - Please specify	Wifi - Please specify
	Network Protocol	TCP/IP v4	TCP/IP v4	TCP/IP v4
Other Interfaces	USB	USB	USB	
OS compatibility		Windows 10/ 8.1 / 8 / 7	Windows 10/ 8.1 / 8 / 7	Windows 10/ 8.1 / 8 / 7
Operating Language		English	English	English
Power		Please specify	Please specify	Please specify
Toner Yield		Please specify	Please specify	Please specify
Drum Yield		Please specify	Please specify	Please specify
Warranty		03 Year Comprehensive	03 Year Comprehensive	03 Year Comprehensive

Revised standard specifications for Purchasing of Multimedia Projectors

Specification for Multimedia Projector (Normal) - Requirement		Conform (Yes / No)	Remarks
Make & Model	Please specify - Should be a brand from a reputed vendor		
Type	Long throw, desktop mountable and ceiling mountable		
Projection System	RGB liquid crystal shutter projection system (3LCD)		
LCD Panel	Please specify		
Colour Light Output	3,300 Lumen- 2,050 Lumen (economy) In accordance with IDMS15.4		
White Light Output	3,300 Lumen - 2,050 Lumen (economy) In accordance with ISO 21118:2012		
Resolution	HD		
Contrast Ratio:	15,000:1		
Wireless Specification	Inbuilt Wireless (802.11 n/ac or later)		
Start-up period	Less than 10 seconds		
Warm-up period	Less than 30 seconds		
Cool down period	Instant off		
Inputs	HDMI, VGA, S-Video		
Warranty	01 Year Warranty on site		

Specification for Multimedia Projector(Short Throw) - Requirement		Conform (Yes / No)	Remarks
Make & Model	Please specify - Should be a brand from a reputed vendor		
Type	Short Throw, desktop mountable and ceiling mountable		
Projection System	RGB liquid crystal shutter projection system (3LCD)		
LCD Panel	Please specify		
Colour Light Output	3,400lm		
White Light Output	3,400lm / 1,900lm		
Resolution	HD		
Contrast Ratio:	16,000:1		
Wireless Specification	Inbuilt Wireless (802.11 n/ac or later)		
Start-up period	Less than 7 seconds		
Warm-up period	Less than 30 seconds		
Cool down period	Instant off		
Inputs	HDMI, VGA, S-Video		
Warranty	01 Year Warranty on site		

Revised standard specifications for Purchasing of UPS

<i>Specification</i>	<i>650 VA</i>	<i>3 kVA</i>	<i>5 kVA</i>
Make & Model	Please specify	Please specify	Please specify
Output	325Watts / 650VA	2.7 KWatts / 3.0 kVA	4.5 KWatts / 5.0 kVA
Max Configurable Power	325Watts / 650VA	2.7 KWatts / 3.0 kVA	4.5 KWatts / 5.0 kVA
Output voltage	220V/240V +-5%, Frequency 50/60Hz +- 1Hz	220V/240V , Frequency 50/60Hz +- 3Hz	220V/240V , Frequency 50/60Hz +- 3Hz
Backup time	10 minute backup time at full load, and 20 minute backup time at 50% load	15 minute backup time at full load, and 30 minute backup time at 50% load	15 minute backup time at full load, and 30 minute backup time at 50% load
Topology	Line Interactive	Double Conversion Online	Double Conversion Online
Waveform type		Sine wave	Sine wave
Bypass	Internal Bypass (Automatic)	Internal Bypass (Automatic	Internal Bypass (Automatic and
Output Connections	2 x Universal Receptacle	6 x IEC 320 C13 (Battery	6 x IEC 320 C13 (Battery
Transfer time	4ms typical, 6ms maximum	Please specify	Please specify
Nominal Input Voltage	230V	230V	230V
Battery	1 x Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leak proof
Typical recharge time	Please specify	Please specify	Please specify
Expected battery life	2-4 Years	3-5 Years	3-5 Years
Interface ports		RJ-45 10/100 Base-T , RJ-45 Serial , Smart-Slot , USB	RJ-45 10/100 Base-T , RJ-45 Serial , Smart-Slot , USB
Control Panel	LED status display with On	Multi-function LCD status	Multi-function LCD status and
Audible alarm	Please specify	Audible and visible alarms	Audible and visible alarms
Warranty	01 Year Warranty on site	03 Year Warranty on site	03 Year Warranty on site