

Proceedings of 1st Sub committee meeting constituted for verification and finalization of Technical specifications for procurement of Desktop Computers, Laptops, Printers, Scanners, UPS and Photocopiers held on 26-06-2020 at 3PM in Board Room KPTCL.

Members Present:

1	Dr. N.Manjula	Managing Director	Chairman
2	Sri. G.M.Gangadhara Swamy	Director (Admin & HR)	Member
3	Sri Sidalingappa Teli	Director (Finance)	Member
4	Prof Chandrashekar	IIIT,Bengaluru	Member
5	Prof Rajgopalan	IIIT,Bengaluru	Member
6	Sri. LakshmiKantha B.S	SEE(IT&MIS)	Convener

SEE(IT&MIS), welcomed the Managing Director, KPTCL and all the members of the Committee.

The following subject was discussed.

Subject	Technical specifications for procurement of Desktop Computers, Laptops, Printers, UPS and Photocopiers
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1. At the outset MD, KPTCL welcomed all the participants of sub Committee to the meeting.
2. The Technical specifications prepared by KPTCL for Desktop computers, Printers, Photocopiers and UPS was briefed to the committee by SEE(IT&MIS).
3. The Sub committee proposed the following technical specifications as in Annexure 1 to 10.

B.S. LakshmiKantha 10/7/2020
Convener,
Superintending Engineer (Ele),
IT&MIS


Annexure-1

i5 DESKTOP COMPUTER SPECIFICATION

Sl.No	Technical details	Description
1	Processor	Intel Core i5 7th Gen or Equivalent
2	Chipset	Compatable Chipset
3	Graphics	Integrated HD Graphics
4	Operating System (Pre-Loaded)	Windows 10 Professional
5	Hard Disk	1000 GB SATA HDD
6	Type of RAM	DDR 4
7	RAM Speed	2133 MHz
8	RAM Size	8 GB
9	RAM Expandability	32 GB
10	DIMM Slots	2 No.
11	Optical Drive	DVD RW
12	Cabinet	Tower
13	Network Connectivity	10/100/1000 on board
14	Expansion Slots (PCIe x 16)	1 No.
15	USB 2.0 Port	2 nos
16	USB 3.0 Port	3 nos
17	VGA Port	1 no
18	HDMI Port	1 no
19	Monitor	21.5" LED Backlit Monitor
20	Keyboard	USB Keyboard
21	Mouse	USB Optical scroll mouse
22	Software	Microsoft Office, Nudi, Acrobat Reader
23	Warranty	3 Years


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Annexure-2.

i7 DESKTOP COMPUTER SPECIFICATION


Sl.No	Technical details	Description
1	Processor	Intel Core i7 7th Gen or Equivalent
2	Chipset	Compatible Chipset
3	Graphics	Integrated HD Graphics
4	Operating System (Pre-Loaded)	Windows 10 Professional
5	Hard Disk	1000 GB SATA HDD
6	Type of RAM	DDR 4
7	RAM Speed	2133 MHz
8	RAM Size	8 GB
9	RAM Expandability	32 GB
10	DIMM Slots	2 No.
11	Optical Drive	DVD RW
12	Cabinet	Tower
13	Network Connectivity	10/100/1000 on board
14	Expansion Slots (PCIe x 16)	1 No.
15	USB 2.0 Port	2 nos
16	USB 3.0 Port	3 nos
17	VGA Port	1 no
18	HDMI Port	1 no
19	Monitor	21.5" LED Backlit Monitor
20	Keyboard	USB Keyboard
21	Mouse	USB Optical scroll mouse
22	Software	Microsoft Office, Nudi, Acrobat Reader
23	Warranty	3 Years


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Annexure-3

i5 Laptop Specification		
S.No.	Technical Details	Description
1	PROCESSOR	Intel Core i5, 8th Gen or Equivalent
2	RAM	8 GB DDR4 with 1 memory slot
3	DISPLAY	14.0" LED backlit display
4	GRAPHICS	Integrated Graphics
5	WEBCAM	Integrated HD Webcam
6	HARD DISK	1 TB SATA Hard disk
7	SSD DRIVE	256 GB SSD Drive
8	WIRELESS DEVICE	Compatible 802.11 ac wireless device
9	INTERFACES	RJ-45, USB3.0, VGA, HDMI
10	KEYBOARD & TOUCH PAD DEVICE	Standard Keyboard and touch pad with Multi gesture support
11	CARRY CASE	OEM Carry Bag or Back Pack
12	OPERATING SYSTEM (OS)	Microsoft Windows 10 professional 64 bit
13	Software	Microsoft Office, Nudi, Acrobat Reader
14	WARRANTY	3 years



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Annexure-4


i7 Laptop Specification		
S.No.	Technical Details	Description
1	PROCESSOR	Intel Core i7, 8th Gen or Equivalent
2	RAM	8GB DDR4 with 1 DIMM slot
3	DISPLAY	14.0" LED backlit display
4	GRAPHICS	Integrated Graphics Card.
5	WEBCAM	Integrated HD Webcam
6	HARD DISK	1 TB SATA Hard disk
7	SSD	256 GB SSD Drive
8	WIRELESS DEVICE	Compatible 802.11 ac wireless device
9	INTERFACES	RJ-45, USB3.0, VGA,HDMI
10	KEYBOARD & TOUCH PAD DEVICE	Standard Keyboard and touch pad with Multi gesture support
11	CARRY CASE	OEM carry Bag or Back pack
12	OPERATING SYSTEM (OS)	Microsoft Windows 10 professional 64 bit
13	Software	Microsoft Office, Nudi, Acrobat Reader
14	WARRANTY	3 Years


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Printer Specification

Sl.No	Technical details	Description
1	Print speed	Single sided : 30 ppm(A4) (+/- 3ppm) Double sided :15 ppm(A4) (+/- 2ppm)
2	Printing method	Monochrome laser beam
3	Cartridge Technology	Composite/Separate toner and drum
4	Resolution	600X600dpi
5	Paper input(standard)	250-sheet X 1 Tray 1-sheet Bypass tray
6	Paper Size	A4
7	Autoduplexing	Yes
8	Connectivity	Ethernet 10/100, USB
9	Memory	256 MB
10	Warranty	1 Year


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Annexure-6

Multifunction Printer Specification

Sl.No	Technical details	Description
1	Print/Copy speed	Black(A4) : 16ppm (+/- 4ppm) Colour(A4) : 16ppm (+/- 2ppm)
2	Print Technology	Laser
3	Cartridge Technology	Composite/Separate toner and drum
4	Paper Size	A4
5	Scanning Feature	Yes
6	Paper Input	150 sheet X 1 Tray
7	Connectivity	Ethernet 10/100, USB
8	Memory	256 MB
9	Processor speed	600 MHz
10	Warranty	1 Year



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30 PPM(COLOR) PHOTOCOPIER MACHINE SPECIFICATION

SL.NO	TECHNICAL DETAILS	DESCRIPTION
1	PRINT/COPY SPEED - MONO/ COLOR	30 +/- 5 PPM
2	PRINT TECHNOLOGY	LASER
3	CARTRIDGE TECHNOLOGY	COMPOSITE/SEPARATE TONER & DRUM
4	TYPE OF PRINTING	COLOR
5	PAPER SIZE	A3, A4
6	RAM	7GB
7	HDD	250GB SATA
8	TRAYS	500 SHEETS X 2 TRAYS
9	BYPASS TRAY	100 SHEETS X 1
10	INTERFACE	NETWORK - ETHERNET 10/100/1000
11	DUPLEX	YES
12	DOCUMENT FEEDER	RADF - YES
13	DOCUMENT FEEDER CAPACITY	100 SHEETS
14	WARRANTY	1 Year



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30PPM PHOTOCOPIER MACHINE SPECIFICATION

Sl.No	TECHNICAL DETAILS	DESCRIPTION
1	PRINT/COPY SPEED - MONO	30 +/- 5 PPM
2	PRINT TECHNOLOGY	LASER
3	CARTRIDGE TECHNOLOGY	COMPOSITE/SEPARATE TONER & DRUM
4	TYPE OF PRINTING	MONO
5	PAPER SIZE	A3, A4
6	RAM	4GB
7	TRAYS	250 SHEETS X 1 TRAYS
8	BYPASS TRAY	100 SHEETS X 1
9	INTERFACE	NETWORK - ETHERNET 10/100/1000
10	DUPLEX	YES
11	DOCUMENT FEEDER	RADF - YES
12	DOCUMENT FEEDER CAPACITY	100 SHEETS
13	WARRANTY	1 Year



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Annexure-9

50 PPM PHOTOCOPIER MACHINE SPECIFICATION

SL.NO	TECHNICAL DETAILS	DESCRIPTION
1	PRINT/COPY SPEED - MONO	50 +/- 5 PPM
2	PRINT TECHNOLOGY	LASER
3	CARTRIDGE TECHNOLOGY	COMPOSITE/SEPARATE TONER & DRUM
4	TYPE OF PRINTING	MONO
5	PAPER SIZE	A3, A4
6	RAM	4GB
7	HDD	250GB SATA
8	TRAYS	500 SHEETS X 4 TRAYS
9	BYPASS TRAY	100 SHEETS X 1
10	INTERFACE	NETWORK - ETHERNET 10/100/1000
11	DUPLEX	YES
12	DOCUMENT FEEDER	SPDF - YES
13	DOCUMENT FEEDER CAPACITY	200 SHEETS
14	WARRANTY	1 Year


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TECHNICAL SPECIFICATION FOR 1KVA Line Interactive UPS SYSTEM

Sl. No	Technical details	Description
1	Capacity	1000VA or better
2	Rated Output (Volt)	Single phase sinewave 230v AC , 50Hz
3	Technology	MOSFET-PWM
4	Input Voltage Range	170-270VAC
5	Input Frequency Range	45 to 60 Hz
6	Input Protection	Fuse
7	Nominal Output voltage	230 VAC
8	Nominal Output Frequency	50/60 Hz
10	Indications	LED
11	Audible Alarms	Battery mode, Low battery, Over load, Battery replacement & Fault
12	Batteries Type	Inbuilt Sealed Maintenance Free (SMF)
13	Degree of protection	IP-20 or 21
14	Warranty for the battery	1 Year
15	Warranty for Line Interactive UPS	2 Year


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