

**Info Tech Corporation of Goa Limited- (Government of Goa Undertaking)**

IT HUB, 3rd Floor, Althinho-Panaji, Goa-403001, website: infotechgoa.com

**Ref no: ITG-IT/0108/Emp & Proc-ICT/2017**

**Date: 26.09.2017**

INFO TECH CORPORATION OF GOA LTD. (ITG), an ISO 9001:2008 Certified Organization, has been set up by the Government of Goa to promote overall growth of the state's economy through the use of Information Technology. The Government decided to entrust the work of development of infrastructure for IT Industry to this Corporation.

ITG under its business model generate revenue by undertaking works of IT infrastructure under IT facility management services wherein it provides various type of IT services like AMC of IT Infrastructure, activities of LAN & UPS and WAN connectivity to the Government Department/Organization/Institutions, Corporations/ Autonomous Bodies throughout the state of Goa.

ITG has also been identified ITG as State Designated Agency for executing AMC of IT infrastructures for all Government Departments & organizations vide Circular no. 7(368)/2011/DOIT/AMC Guidelines/1214 dated 21/08/2014 Additionally, ITG also assists Government departments in providing the required Computer systems & Peripherals (ICT).

**Procedure for Procurement of ICT Equipment's**

1. Department / Organization has to submit the Requisition form **Annexure I** and fill all the details like the preferred empaneled vendor, required make & quantity for supply of ICT equipment(s) and forward the same to office of ITG with approval to place the purchase order.
2. Based on the approval received from the Department/Organization, ITG will place the purchase order as per the Requisition form **Annexure I**. Simultaneously, office of ITG will also raise the bill on the Department/Organization.
3. After supply and installation of ICT equipment(s) ITG will carry out the inspection and obtain the ICT Installation Certificate from the concerned Department/Organization as per the format mentioned in **Annexure II**.
4. ITG will release the payments to the empaneled vendor only after receiving the same from the Department/Organization along with the following:
  - a. ICT Installation Certificate as per **Annexure II** on Department/Organization letter head duly signed by authorized nodal officer
  - b. Bill settlement letter from the concerned Department/Organization.

All orders shall be placed on M/s InfoTech Corporation of Goa Ltd. Departments/ Organizations are not allowed to place the orders on the empaneled vendors directly using the above specification and Rates.

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**On Department Letter Head**

**Annexure I**

**D: Form for Procurement of ICT Equipment's**

To  
**The Managing Director**  
Info Tech Corporation of Goa Limited  
IT HUB, 3rd Floor, Altinho, Panaji – Goa

**Date:** \_\_\_\_\_

**Department Details**

<b>Department Name:</b> _____
<b>Department Address:</b> _____
<b>HOD Name:</b> _____
<b>Contact No:</b> _____
<b><u>Nodal Officer Details</u></b>
<b>Nodal Officer Name</b> _____
<b>Designation:</b> _____
(Not below Group "B" Gazetted)
<b>Contact No:</b> _____ <b>E-Mail</b> _____

**Details of ICT Equipment's to be Procured:**

Sr. No	Description of Item	Make	Qty.	Purchase Cost per item (incl. ITG charges & GST)	Location (if there are multiple locations)	Preferred Eligible Empanelled Vendor (as per list uploaded on ITG website)
1						
2						
3						
4						
5						
6						
7						

**Remarks (if any):** \_\_\_\_\_

**Signature with seal (Head of Dept.)**

- *Note: Kindly attach this form along with covering letter of the department*

**On Department Letter Head**

**Annexure II**

**D: ICT installation Certificate** (Attestation of Works)

To

**The Managing Director**

Info Tech Corporation of Goa Limited

IT HUB, 3rd Floor, Altinho, Panaji – Goa

Date: \_\_\_\_\_

Department Name: \_\_\_\_\_

Department Address: \_\_\_\_\_

Nodal Officer Name

Designation : \_\_\_\_\_ Ph. No: \_\_\_\_\_

(Not below Group "B" Gazetted)

Details of Supplied & installed ICT equipments are mentioned below:

<b>Sr. No.</b>	<b>Supplied &amp; installed ICT equipment's</b>	<b>Make</b>	<b>Qty.</b>

This is to certify that all the above mentioned ICT equipments are supplied installed and working fine with no calls pending till date.

**Signature of Nodal Officer for Department with stamp**

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Sr. No	Item Name & Technical Specifications	BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
1	<b>All in One Computer Intel core i3 (5 yrs warranty)</b>		60844.00	M/S. A S Enterprises M/s Apex Computer & Engineering Services M/s. Delta Technologies M/s J. P. Computer Services Pvt Ltd M/s. Technoworld M/s. Syscon Automation M/s. Nupur Technologies Pvt Ltd M/s. Centaur Computer Technology Pvt Ltd M/s. Cyber Engineer M/s. Amey Computers	HP, LENOVO LENOVO , ACER HP , DELL LENOVO /ACER ACER LENOVO DELL ACER ACER ACER	
	Processor	Intel Core i3-7100T or its higher version.				HP 400G3 AIO
	Memory	4 GB DDR4 RAM with 16 GB Expandability or higher				LENOVO V310Z
	Hard Disk Drive	1TB HDD				ACER Veriton Z1951
	Display	19.5 "or larger, LED TFT Digital Colour Monitor				DELL Optiplex 3050AIO
	Keyboard	104 keys or higher OEM USB Keyboard				
	Mouse	Optical Scroll with USB interface				
	Ports	6 USB Ports including min 1 USB 3.0 Ports, audio ports for microphone and headphone				
	Optical Drive	8X or higher DVD-R/W				
	Networking Features	10/100/1000 Mbps on board Integrated Network Port				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	OS Certification	Windows & Linux Certifications				
	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	Patch Cord	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	Warranty	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
	Open Office suite	Preinstall Open Office suite				
2	<b>All in One Computer Intel core i5 (5 yrs warranty)</b>		64980.24	M/S. A S Enterprises M/s Apex Computer & Engineering Services M/s. Delta Technologies M/s J. P. Computer Services Pvt Ltd M/s. Technoworld M/s. Syscon Automation M/s. Nupur Technologies Pvt Ltd M/s. Centaur Computer Technology Pvt Ltd M/s. Amey Computers	HP, LENOVO LENOVO HP , DELL LENOVO ACER LENOVO DELL ACER ACER	
	Processor	Intel Core i5-7200T or its higher version.				HP 400G3 AIO
	Memory	4 GB DDR4 RAM with 16 GB Expandability or higher				LENOVO V310Z
	Hard Disk Drive	1TB HDD				ACER Veriton Z1951
	Display	19.5 "or larger, LED TFT Digital Colour Monitor				DELL Optiplex 3050AIO
	Keyboard	104 keys or higher OEM USB Keyboard				
	Mouse	Optical Scroll with USB interface				
	Ports	6 USB Ports including min 1 USB 3.0 Ports, audio ports for microphone and headphone				
	Optical Drive	8X or higher DVD-R/W				
	Networking Features	10/100/1000 Mbps on board Integrated Network Port				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	OS Certification	Windows & Linux Certifications				
	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	Patch Cord	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	Warranty	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
	Open Office suite	Preinstall Open Office suite				

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>All in One Computer AMD A8 (5 yrs warranty)</b>					
3	<b>Processor</b>	AMD A8 8650 or its higher vesion	LENOVO TIO	68729.10	M/S. A S Enterprises	LENOVO
	<b>Memory</b>	4 GB DDR3 RAM with 16 GB Expandability or higher			M/s Apex Computer & Engineering Services	LENOVO
	<b>Hard Disk Drive</b>	1TB HDD			M/s J. P. Computer Services Pvt Ltd	LENOVO
	<b>Display</b>	19.5 "or larger, LED TFT Digital Colour Monitor			M/s. Syscon Automation	LENOVO
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard				
	<b>Mouse</b>	Optical Scroll with USB interface				
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports, audio ports for microphone and headphone				
	<b>Optical Drive</b>	8X or higher DVD-R/W				
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port				
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded				
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					
<b>Open Office suite</b>	Preinstall Open Office suite					
	<b>All in One Computer AMD A10 (5 yrs warranty)</b>					
4	<b>Processor</b>	AMD A10 8750 or its higher vesion	LENOVO TIO	74977.20	M/S. A S Enterprises	LENOVO
	<b>Memory</b>	4 GB DDR3 RAM with 16 GB Expandability or higher			M/s Apex Computer & Engineering Services	LENOVO
	<b>Hard Disk Drive</b>	1TB HDD			M/s J. P. Computer Services Pvt Ltd	LENOVO
	<b>Display</b>	19.5 "or larger, LED TFT Digital Colour Monitor			M/s. Syscon Automation	LENOVO
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard				
	<b>Mouse</b>	Optical Scroll with USB interface				
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports, audio ports for microphone and headphone				
	<b>Optical Drive</b>	8X or higher DVD-R/W				
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port				
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded				
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					
<b>Open Office suite</b>	Preinstall Open Office suite					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>Mini / Tiny / Small Desktop Computer Intel i3</b>					
5	<b>Processor</b>	Intel 7th Generation Core i3-7100 @ 3.4 Ghz, dual core, 3 MB Cache	<b>LENOVO</b> ProDesk 400 G3 Mini	50172.24	M/S. A S Enterprises	LENOVO/HP
	<b>Memory</b>	4 GB DDR4 RAM with 16 GB Expandability	<b>HP</b> M710 Tiny		M/s. Delta Technologies	HP / DELL
	<b>Hard Disk Drive</b>	1 TB 7200 rpm SATA or higher	<b>DELL</b> OptiPlex 3050USFF		M/s. Syscon Automation	HP / LENOVO
	<b>Display</b>	21.5 inch Full HD monitor (Should be capable of VESA Mount to mount the cabinet behind the monitor)			M/s. Nupur Technologies Pvt Ltd	DELL
	<b>Keyboard</b>	104 keys OEM USB Keyboard or higher			M/s. Cyber Engineer	LENOVO
	<b>Mouse</b>	Optical with USB interface				
	<b>Ports</b>	6 USB Ports or more ( at least 2 USB with 3.0 and 2 USB ports in front), 1 Display port/VGA Port, universal audio jack				
	<b>Optical Drive</b>	External USB 8X or higher DVD-R/W				
	<b>Networking Features</b>	10/100/1000 on board integrated Network port				
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded				
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows 10 Certification				
	<b>Cabinet</b>	Ultra-Small Form Factor with VESA Mount behind the monitor				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Graphics</b>	Intel HD Graphics				
	<b>Audio</b>	High Definition Integrated Audio				
<b>Secuity</b>	TPM Security Chip 2.0					
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					
<b>Open Office suite</b>	Preinstall Open Office suite					
	<b>Mini / Tiny / Small Desktop Computer AMD A6</b>					
6	<b>Processor</b>	AMD 7th Generation A6-9500E @ 3 Ghz, dual core, 2 MB Cache	<b>LENOVO</b> M715q Tiny	49172.55	M/S. A S Enterprises	LENOVO/HP
	<b>Memory</b>	4 GB DDR4 RAM with 16 GB Expandability	<b>HP</b> Elite Desk 400 G3 Mini		M/s. Delta Technologies	HP
	<b>Hard Disk Drive</b>	1 TB 7200 rpm SATA or higher			M/s J. P. Computer Services Pvt Ltd	LENOVO.
	<b>Display</b>	21.5 inch Full HD monitor (Should be capable of VESA Mount to mount the cabinet behind the monitor)			M/s. Syscon Automation	HP / LENOVO
	<b>Keyboard</b>	104 keys OEM USB Keyboard or higher			M/s. Cyber Engineer	LENOVO
	<b>Mouse</b>	Optical with USB interface				
	<b>Ports</b>	6 USB Ports or more (at least 2 USB with 3.0 and 2 USB ports in front), 1 Display port/VGA Port, universal audio jack				
	<b>Optical Drive</b>	External USB 8X or higher DVD-R/W				
	<b>Networking Features</b>	10/100/1000 on board integrated Network port				
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded				
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows 10 Certification				
	<b>Cabinet</b>	Ultra-Small Form Factor with VESA Mount behind the monitor				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Graphics</b>	AMD Radeon Graphics				
	<b>Audio</b>	High Definition Integrated Audio				
<b>Secuity</b>	TPM Security Chip 2.0					
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					
<b>Open Office suite</b>	Preinstall Open Office suite					

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Sr. No	Item Name & Technical Specifications	BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
<b>Desktop Computer Intel core i3 (5 yrs warranty)</b>						
7	<b>Processor</b>	Intel Core i37100 or its higher version.	HP 280G3	53108.85	M/S. A S Enterprises	HP, LENOVO
	<b>Memory</b>	4 GB, DDR4 RAM with 16 GB Expandability or higher	LENOVO V520		M/s Apex Computer & Engineering Services	LENOVO,HP,A CER
	<b>Hard Disk Drive</b>	1TB HDD	ACER Veriton M200		M/s. Delta Technologies	HP, DELL
	<b>Display</b>	18.5 " or larger, LED TFT Digital Colour Monitor TCO-05 certified	DELL Vostro 3268		M/s J. P. Computer Services Pvt Ltd	LENOVO /HP /ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			M/s. Technoworld	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			M/s. Syscon Automation	HP / LENOVO
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports (with at least 2 in front), audio ports for microphone and headphone in front.			M/s. Nupur Technologies Pvt Ltd	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			M/s. Centaur Computer Technology Pvt Ltd	ACER
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port			M/s. Cyber Engineer	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			M/s. Amey Computers	ACER
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
<b>Open Office suite</b>	Preinstall Open Office suite					
<b>Desktop Computer Intel core i5 (5 yrs warranty)</b>						
8	<b>Processor</b>	Intel Core I5, 7400 or its higher version.	HP 280G3	59344.45	M/S. A S Enterprises	HP, LENOVO
	<b>Memory</b>	4 GB, DDR 4 with 16 GB Expandability or higher	LENOVO V520		M/s Apex Computer & Engineering Services	LENOVO ,HP , ACER
	<b>Hard Disk Drive</b>	1TB HDD	ACER Veriton M200		M/s. Delta Technologies	HP , DELL
	<b>Display</b>	18.5 " or larger, LED TFT Digital Colour Monitor TCO-05 certified	DELL Vostro 3268		M/s J. P. Computer Services Pvt Ltd	LENOVO /HP /ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			M/s. Technoworld	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			M/s. Syscon Automation	HP / LENOVO
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports (with at least 2 in front), audio ports for microphone and headphone in front.			M/s. Nupur Technologies Pvt Ltd	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			M/s. Centaur Computer Technology Pvt Ltd	ACER
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port			M/s. Cyber Engineer	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			M/s. Amey Computers	ACER
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
<b>Open Office suite</b>	Preinstall Open Office suite					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>Desktop Computer Intel core i5 with 8 GB RAM (5 yrs warranty)</b>					
8.1	<b>Processor</b>	Intel Core I5, 7400 or its higher version.	<b>HP 280G3</b>	63105.81	<b>M/S. A S Enterprises</b>	HP, LENOVO
	<b>Memory</b>	8 GB, DDR 4 with 16 GB Expandability or higher	<b>LENOVO V520</b>		<b>M/s Apex Computer &amp; Engineering Services</b>	LENOVO , ACER
	<b>Hard Disk Drive</b>	1TB HDD	<b>ACER Veriton M200</b>		<b>M/s. Delta Technologies</b>	HP , DELL
	<b>Display</b>	18.5 “ or larger, LED TFT Digital Colour Monitor TCO-05 certified	<b>DELL Vostro 3268</b>		<b>M/s J. P. Computer Services Pvt Ltd</b>	LENOVO /ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			<b>M/s. Technoworld</b>	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			<b>M/s. Syscon Automation</b>	HP / LENOVO
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports (with at least 2 in front), audio ports for microphone and headphone in front.			<b>M/s. Nupur Technologies Pvt Ltd</b>	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			<b>M/s. Centaur Computer Technology Pvt Ltd</b>	ACER
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port			<b>M/s. Cyber Engineer</b>	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			<b>M/s. Amey Computers</b>	ACER
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
<b>Open Office suite</b>	Preinstall Open Office suite					
	<b>Desktop Computer AMD A6 (5 yrs warranty)</b>					
9	<b>Processor</b>	AMD A6 9500 or its higher version.	<b>HP 705 G3 SFF</b>	47360.60	<b>M/S. A S Enterprises</b>	HP, LENOVO
	<b>Memory</b>	4 GB 2133 Mhz DDR4 RAM with 16 GB Expandability or higher	<b>LENOVO M715</b>		<b>M/s Apex Computer &amp; Engineering Services</b>	ACER
	<b>Hard Disk Drive</b>	1TB HDD	<b>ACER Veriton M2120G</b>		<b>M/s. Delta Technologies</b>	HP, DELL
	<b>Display</b>	18.5 “or larger, LED TFT Digital Colour Monitor TCO-05 certified	<b>DELL Optiplex 5055</b>		<b>M/s J. P. Computer Services Pvt Ltd</b>	ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			<b>M/s. Technoworld</b>	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			<b>M/s. Syscon Automation</b>	LENOVO
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports (with at least 2 in front), audio ports for microphone and headphone in front.			<b>M/s. Nupur Technologies Pvt Ltd</b>	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			<b>M/s. Centaur Computer Technology Pvt Ltd</b>	ACER
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port			<b>M/s. Cyber Engineer</b>	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			<b>M/s. Amey Computers</b>	ACER
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
<b>Open Office suite</b>	Preinstall Open Office suite					

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Sr. No	Item Name & Technical Specifications	BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
	<b>Desktop Computer AMD A10 (5 yrs warranty)</b>					
10	<b>Processor</b>	AMD A10 9700 or its higher version.	HP 705 G3 SFF	51421.86	M/S. A S Enterprises	HP, LENOVO
	<b>Memory</b>	4 GB DDR4 RAM with 16 GB Expandability or higher	LENOVO M715		M/s Apex Computer & Engineering Services	ACER
	<b>Hard Disk Drive</b>	1TB HDD	ACER Veriton M2120G		M/s. Delta Technologies	HP , DELL
	<b>Display</b>	18.5 “or larger, LED TFT Digital Colour Monitor TCO-05 certified	DELL Optiplex 5055		M/s J. P. Computer Services Pvt Ltd	ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			M/s. Technoworld	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			M/s. Syscon Automation	LENOVO
	<b>Ports</b>	6 USB Ports including min 1 USB 3.0 Ports (with at least 2 in front), audio ports for microphone and headphone in front.			M/s. Nupur Technologies	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			M/s. Centaur Computer Technology Pvt Ltd	ACER
	<b>Networking Features</b>	10/100/1000 Mbps on board Integrated Network Port			M/s. Cyber Engineer	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			M/s. Amey Computers	ACER
	<b>Recovery</b>	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Power Management</b>	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					
<b>Open Office suite</b>	Preinstall Open Office suite					
	<b>Low end Desktop Computer (5 yrs warranty)</b>					
10.1	<b>Processor</b>	Intel celeron G3900 or equivalent AMD	HP 280G3	47048.19	M/S. A S Enterprises	HP, LENOVO
	<b>Memory</b>	4 GB DDR4 RAM	LENOVO V520		M/s Apex Computer & Engineering Services	ACER
	<b>Hard Disk Drive</b>	500 GB HDD	ACER Veriton M200		M/s. Delta Technologies	HP , DELL
	<b>Display</b>	18.5 “or larger, LED TFT Digital Colour Monitor TCO-05 certified	DELL Vostro 3268		M/s J. P. Computer Services Pvt Ltd	ACER
	<b>Keyboard</b>	104 keys or higher OEM USB Keyboard			M/s. Technoworld	ACER
	<b>Mouse</b>	Optical Scroll with USB interface			M/s. Syscon Automation	HP / LENOVO
	<b>Ports</b>	4 USB Ports (with at least 2 in front)			M/s. Nupur Technologies Pvt Ltd	DELL
	<b>Optical Drive</b>	8X or higher DVD-R/W			M/s. Centaur Computer Technology Pvt Ltd	ACER
	<b>Networking Features</b>	10/100 Mbps on board Integrated Network Port			M/s. Cyber Engineer	ACER
	<b>Preloaded Softwares</b>	Windows 10 Professional 64 bit preloaded			M/s. Amey Computers	ACER
	<b>OS Certification</b>	Windows & Linux Certifications				
	<b>Patch Cord</b>	CAT6 Patch Cord of 3 Meters length (Factory crimped only)				
	<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)				
	<b>Open Office suite</b>	Preinstall Open Office suite				

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>Laptop with Intel Core i3 (5 yrs warranty)</b>					
11	Processor	Intel Core i3 7100 U	LENOVO V310	61856.19	M/S. A S Enterprises	LENOVO
	Memory	4GB DDR4 RAM	ACER Travelmate TMP249-G2-M		M/s Apex Computer & Engineering Services	ACER
	Hard Disk Drive	1TB HDD	DELL Vostro 3468		M/s. Delta Technologies	DELL
	Display	14"HD or larger Antiglare Display			M/s J. P. Computer Services Pvt Ltd	ACER
	Video controller	Integrated Intel HD Graphics			M/s. Technoworld	ACER
	Webcam	Integrated Webcam			M/s. Syscon Automation	LENOVO
	Wireless Connectivity	Integrated wireless b/g/n,Integrated Bluetooth			M/s. Nupur Technologies Pvt Ltd	DELL
	DVD Writer	Integrated or external DVD Writer 8X			M/s. Centaur Computer Technology Pvt Ltd	ACER
	Expansion Port	Minimum 2 X USB 3.0, 1 X USB 2.0, 1 Ethernet port, card reader, VGA Port, HDMI Port, Combo Audio Jack			M/s. Cyber Engineer	ACER
	Speakers and Microphone	Integrated Speaker and Microphone			M/s. Amey Computers	ACER
	Keyboard & Mouse	Key Board with Touch Pad & wireless mouse				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	carry case / backpack	To be provided of OEM Make				
Warranty	5 Years Comprehensive onsite warranty Covering all parts i.e. Battery, Charger & OS.					
Open Office suite	Preinstall Open Office suite					
	<b>Laptop with Intel Core i5 (5 yrs warranty)</b>					
12	Processor	Intel Core i5 7200 U	HP 348 G4	71603.23	M/S. A S Enterprises	HP, LENOVO
	Memory	4GB DDR4 RAM	LENOVO V310		M/s Apex Computer & Engineering Services	ACER
	Hard Disk Drive	1TB HDD	ACER Travelmate TMP249-G2-M		M/s. Delta Technologies	HP, DELL
	Display	14"HD or larger Antiglare Display	DELL Vostro 3468		M/s J. P. Computer Services Pvt Ltd	ACER
	Video controller	Integrated Intel HD Graphics			M/s. Technoworld	ACER
	Webcam	Integrated Webcam			M/s. Syscon Automation	LENOVO
	Wireless Connectivity	Integrated wireless b/g/n,Integrated Bluetooth			M/s. Nupur Technologies Pvt Ltd	DELL
	DVD Writer	Integrated or external DVD Writer 8X			M/s. Centaur Computer Technology Pvt Ltd	ACER
	Expansion Port	Minimum 2 X USB 3.0, 1 X USB 2.0, 1 Ethernet port, card reader, VGA Port, HDMI Port, Combo Audio Jack			M/s. Cyber Engineer	ACER
	Speakers and Microphone	Integrated Speaker and Microphone			M/s. Amey Computers	ACER
	Keyboard & Mouse	Key Board with Touch Pad & wireless mouse				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	carry case / backpack	To be provided of OEM Make				
Warranty	5 Years Comprehensive onsite warranty Covering all parts i.e. Battery, Charger & OS.					
Open Office suite	Preinstall Open Office suite					

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**Info Tech Corporation of Goa Limited- (Government of Goa Undertaking)**

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Sr. No	Item Name & Technical Specifications	BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
<b>Laptop with Intel Core i7 (5 yrs warranty)</b>						
13	Processor	Intel Core i7 7500 U	HP 348 G4	81975.07	M/S. A S Enterprises	HP, LENOVO
	Memory	8 GB DDR4 RAM	LENOVO V310		M/s. Delta Technologies	HP, DELL
	Hard Disk Drive	1TB HDD	ACER Travelmate TMP249-G2-M		M/s. Syscon Automation	LENOVO
	Display	14"HD or larger Antiglare Display	DELL Vostro 3468		M/s. Nupur Technologies Pvt Ltd	DELL
	Video controller	Integrated Intel HD Graphics			M/s. Centaur Computer Technology Pvt Ltd	ACER
	Webcam	Integrated Webcam			M/s. Amey Computers	ACER
	Wireless Connectivity	Integrated wireless b/g/n,Integrated Bluetooth				
	DVD Writer	Integrated or external DVD Writer 8X				
	Expansion Port	Minimum 2 X USB 3.0, 1 X USB 2.0, 1 Ethernet port, card reader, VGA Port, HDMI Port, Combo Audio Jack				
	Speakers and Microphone	Integrated Speaker and Microphone				
	Keyboard & Mouse	Key Board with Touch Pad & wireless mouse				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	carry case / backpack	To be provided of OEM make				
	Warranty	5 Years Comprehensive onsite warranty Covering all parts i.e. Battery, Charger & OS.				
Open Office suite	Preinstall Open Office suite					
<b>Laptop with AMD A8 (5 yrs warranty)</b>						
14	Processor	AMD A8-7410 Processor	HP 245G6	67479.48	M/S. A S Enterprises	HP, LENOVO
	Memory	4GB DDR3 RAM	LENOVO E475		M/s Apex Computer & Engineering Services	HP
	Hard Disk Drive	1 TB HDD			M/s. Delta Technologies	HP
	Display	14"HD or larger			M/s. Syscon Automation	HP
	Video controller	Integrated Graphics			M/s J. P. Computer Services Pvt Ltd	HP
	Webcam	Integrated Webcam				
	Wireless Connectivity	Integrated wireless b/g/n,Integrated Bluetooth				
	DVD Writer	Integrated or external DVD Writer 8X				
	Expansion Port	Minimum 2 X USB 3.0, 1 X USB 2.0, 1 Ethernet port, card reader, VGA Port, HDMI Port, Combo Audio Jack				
	Speakers and Microphone	Integrated Speaker and Microphone				
	Keyboard & Mouse	Key Board with Touch Pad & wireless mouse				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	carry case / backpack	To be provided of OEM make				
	Warranty	5 Years Comprehensive onsite warranty Covering all parts i.e. Battery, Charger & OS.				
Open Office suite	Preinstall Open Office suite					
<b>Laptop with AMD A10 (5 yrs warranty)</b>						
15	Processor	AMD A10-9600P Processor	HP 455G4	79025.97	M/S. A S Enterprises	HP, LENOVO
	Memory	4GB DDR3 RAM	LENOVO E475		M/s Apex Computer & Engineering Services	LENOVO ,HP
	Hard Disk Drive	1 TB HDD			M/s. Delta Technologies	HP
	Display	14"HD or larger			M/s J. P. Computer Services Pvt Ltd	LENOVO /HP
	Video controller	Integrated Graphics			M/s. Syscon Automation	HP / LENOVO
	Webcam	Integrated Webcam				
	Wireless Connectivity	Integrated wireless b/g/n,Integrated Bluetooth				
	DVD Writer	Integrated or external DVD Writer 8X				
	Expansion Port	Minimum 2 X USB 3.0, 1 X USB 2.0, 1 Ethernet port, card reader, VGA Port, HDMI Port, Combo Audio Jack				
	Speakers and Microphone	Integrated Speaker and Microphone				
	Keyboard & Mouse	Key Board with Touch Pad & wireless mouse				
	Preloaded Softwares	Windows 10 Professional 64 bit preloaded				
	Recovery	Image of the OS should be available on HDD, additionally the same should be made available on USB / CD to ITG and concern Department				
	carry case / backpack	To be provided of OEM make				
	Warranty	5 Years Comprehensive onsite warranty Covering all parts i.e. Battery, Charger & OS.				
Open Office Suite	Preinstall Open Office suite					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>Laser Printer (A4) without networking (3 yrs warranty)</b>						
16	<b>Print Technology</b>	Monochrome Laser Printer	HP M12A	12976.05	M/S. A S Enterprises	HP, CANON
	<b>Print Speed (ppm)</b>	min. 18 ppm	CANON LBP6030B		M/s Apex Computer & Engineering Services	HP ,CANON
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON , HP
	<b>Duty Cycle in pages</b>	Up to 5,000 pages			M/s J. P. Computer Services Pvt Ltd	HP /CANON
	<b>Paper Size</b>	A4			M/s. Technoworld	CANON
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0			M/s. Syscon Automation	HP
	<b>Software</b>	Drivers & Utilities			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)			M/s. Centaur Computer Technology Pvt Ltd, M/s. Cyber Engineer	CANON
<b>Laser Printer Mid-Range (A4) with networking &amp; Duplex (3 yrs warranty)</b>						
17	<b>Print Technology</b>	Monochrome Laser Printer	HP M203DN	19169.17	M/S. A S Enterprises	HP, CANON
	<b>Print Speed (ppm)</b>	min. 27 ppm	CANON LBP151DW		M/s Apex Computer & Engineering Services	HP
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON , HP
	<b>Duty Cycle in pages</b>	Up to 15,000 pages			M/s J. P. Computer Services Pvt Ltd	HP
	<b>Paper Size</b>	A4 & Legal			M/s. Syscon Automation	HP
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Software</b>	Drivers & Utilities				
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)				
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
<b>Heavy Duty Network Colour Laser (A3) Printer (3 yrs warranty)</b>						
18	<b>Print Technology</b>	Colour Laser Printer	HP CP 5225DN	220795.36	M/S. A S Enterprises	HP, CANON
	<b>Print Speed (ppm)</b>	min. 15 ppm (Colour/Black)	CANON LBP841CDN		M/s Apex Computer & Engineering Services	CANON
	<b>Resolution</b>	min 600 x 600 dpi			M/s. Delta Technologies	CANON, HP
	<b>Duty Cycle in pages</b>	Up to 75,000 pages			M/s J. P. Computer Services Pvt Ltd	CANON
	<b>Paper Size</b>	A3, Legal, A4,A5,B4,B5			M/s. Technoworld	CANON
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Syscon Automation	HP
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Software</b>	Drivers & Utilities			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Cyber Engineer	CANON
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
<b>Multifunction Laser Printer (3 yrs warranty)</b>						
19	<b>Print Technology</b>	Monochrome Multifunction Laser Printer (Print,Scan,Copy)	HP M227SDN	23742.78	M/S. A S Enterprises	HP, CANON
	<b>Print Speed (ppm)</b>	min. 25 ppm	CANON MF 244DW		M/s Apex Computer & Engineering Services	CANON
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON
	<b>Duty Cycle in pages</b>	Up to 15,000 pages			M/s J. P. Computer Services Pvt Ltd	CANON
	<b>Paper Size</b>	A4, Legal			M/s. Technoworld	CANON
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Syscon Automation	HP
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Software</b>	Drivers & Utilities			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Cyber Engineer	CANON
		<b>Scanner Specifications</b>				
		<b>Scan Type -</b>	CIS Flatbed			
		<b>Scan Resolution -</b>	600 x 600 dpi			
		<b>ADF Capacity</b>	Appx 30 Sheets or higher			
		<b>Bit depth -</b>	24-bit			
		<b>Copier Specifications</b>				
		<b>Copy Speed -</b>	23 CPM			
	<b>Copy Resolution -</b>	600 x 600 dpi				
<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)					

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**Info Tech Corporation of Goa Limited- (Government of Goa Undertaking)**

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Sr. No	Item Name & Technical Specifications	BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
<b>Color Inkjet Printer (3 yrs warranty)</b>						
20	<b>Printing Method</b>	On-demand inkjet (Piezo electric)	EPSON L805	25617.21	M/S. A S Enterprises	EPSON
	<b>Nozzle Configuration</b>	90 Nozzles Black, 90 Nozzles per Color			M/s Apex Computer & Engineering Services	EPSON
	<b>Minimum Droplet Size</b>	1.5 pl, With Variable-Sized Droplet Technology			M/s. Delta Technologies	EPSON
	<b>Ink Technology</b>	Dye Ink			M/s. Technoworld	EPSON
	<b>Printing Resolution</b>	5,760 x 1,440 DPI			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	<b>Application</b>	Home, Photo			M/s. Cyber Engineer	EPSON
	<b>Printing Speed ISO/IEC 24734</b>	Up to 5.1 ipm / 5 ipm				
	<b>Printing Speed</b>	37 Pages/min Monochrome (plain paper 75 g/m <sup>2</sup> ), 38 Pages/min Colour (plain paper 75 g/m <sup>2</sup> ), 12 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper)				
	<b>Colours</b>	Light Magenta, Magenta, Yellow, Light Cyan, Cyan, Black				
	<b>Paper Formats</b>	A4, A5, A6, B5, C6 (Envelope), DL (Envelope), No. 10 (Envelope), Letter, 9 x 13 cm, 10 x 15 cm, 13 x 18 cm, 16:9, Legal				
	<b>Paper Tray Capacity</b>	120 Sheets Standard, 120 Sheets Maximum, 20 Photo Sheets				
	<b>Media Handling</b>	Auto Sheet Feeder, Borderless print, CD / DVD				
	<b>Compatible Operating Systems</b>	Windows 7 to Windows 10 -(32 bit or higher)				
<b>Interfaces</b>	USB, WiFi					
<b>Power Supply</b>	100V, 110V, 220V, 240V					
<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts)					
<b>A4 Monochrome Ink tank MFP - Print / Copy &amp; Scan (3 yrs warranty)</b>						
21	<b>Print And Copy Speed</b>	More Than 30 Ppm	EPSON M200	19619.03	M/S. A S Enterprises	EPSON
	<b>Print Resolution</b>	1440 X 720 Dpi			M/s Apex Computer & Engineering Services	EPSON
	<b>Colour Scan</b>	48 Bit, 1200 X 2400 Dpi			M/s. Delta Technologies	EPSON
	<b>Adf</b>	30 Pages			M/s J. P. Computer Services Pvt Ltd	EPSON
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Technoworld	EPSON
	<b>Software Compatibility</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)			M/s. Cyber Engineer	EPSON
<b>Color Laser Printer (A4) (3 yrs warranty)</b>						
22	<b>Print Technology</b>	Colour Laser Beam Printing	HP CP 5225DN	23230.44	M/S. A S Enterprises	HP, CANON
	<b>Print Speed (ppm)</b>	min. 16 ppm (Black) & min. 4 ppm (Colour)	CANON LBP841CDN		M/s Apex Computer & Engineering Services	CANON
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON
	<b>Duty Cycle in pages</b>	Up to 15,000 pages			M/s J. P. Computer Services Pvt Ltd	CANON
	<b>Paper Size</b>	A4 & Legal			M/s. Technoworld	CANON
	<b>Interface &amp; connectivity</b>	USB 2.0 Hi-Speed			M/s. Syscon Automation	HP
	<b>Software</b>	Drivers & Utilities			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)			M/s. Cyber Engineer	CANON

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>Multifunction color Laser Printer (3 yrs warranty)</b>						
23	<b>Functions</b>	Print, copy, scan	HP M377DW	66217.36	M/S. A S Enterprises	HP, CANON
	<b>Print technology</b>	Laser	CANON MF635CX		M/s Apex Computer & Engineering Services	CANON
	<b>Print speed</b>	18 ppm (Mono & Colour)			M/s. Delta Technologies	CANON
	<b>Print resolution</b>	600 x 600 dpi			M/s J. P. Computer Services Pvt Ltd	CANON
	<b>Duty Cycle in pages</b>	Up to 30,000 pages			M/s. Technoworld	CANON
	<b>Connectivity</b>	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Paper Size</b>	A4, & Legal			M/s. Cyber Engineer	CANON
	<b>Duplex printing</b>	Automatic Double sided printing (Duplex printing)				
	<b>Copier settings</b>	Minimum number of copies: Up to 999 copies				
	<b>Scanner specifications</b>	Scanner type: Flatbed, DADF Scan				
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
<b>Color Laser Printer (A4) with networking &amp; Duplex (3 yrs warranty)</b>						
24	<b>Print Technology</b>	Color Laser Printer	HP M254DW	47185.65	M/S. A S Enterprises	HP , CANON, BROTHER
	<b>Print Speed (ppm)</b>	min. 18 ppm	CANON LBP -613CDW		M/s Apex Computer & Engineering Services	HP
	<b>Resolution</b>	600 x 600 dpi	BROTHER HL 3150 CND		M/s. Delta Technologies	CANON , HP
	<b>Paper Size</b>	A4 & Legal			M/s J. P. Computer Services Pvt Ltd	HP
	<b>Duty Cycle in pages</b>	Up to 30,000 pages			M/s. Syscon Automation	HP
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Software</b>	Drivers & Utilities				
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)				
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>24 Pin Dot Matrix Printer</b>						
25	Printer type	80 Col	EPSON LQ 310	14120.71	M/s Apex Computer & Engineering Services	EPSON
	print speed	347 cps 10 cpi draft			M/s. Delta Technologies	EPSON
	Ribbon life	2.5 million character			M/s J. P. Computer Services Pvt Ltd	EPSON
	Printhead life	400 million strokes / wire			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	interface	usb, parallel & serial			M/s. Cyber Engineer	EPSON
	copies	1+3				
	input data buffer	128 kb				
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except ribbon)				
<b>9 Pin Dot Matrix Printer</b>						
26	Printer type	80 Col	EPSON LX 310	10559.29	M/s Apex Computer & Engineering Services	EPSON
	print speed	347 cps 10 cpi HSD			M/s. Delta Technologies	EPSON
	Ribbon life	4 million character			M/s J. P. Computer Services Pvt Ltd	EPSON
	Printhead life	400 million strokes / wire			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	interface	usb, parallel & serial			M/s. Cyber Engineer	EPSON
	copies	1+4				
	input data buffer	128 kb				
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except ribbon)				
<b>ADF Scanner (A3) (5 yrs warranty)</b>						
27	Scanner Type	ADF	HP DS-60000	239920.79	M/S. A S Enterprises	EPSON
	Optical Resolution	Min 600 dpi	EPSON N9120FN2		M/s Apex Computer & Engineering Services	HP ,EPSON
	Grey scale levels	256			M/s. Delta Technologies	HP, EPSON
	Bit Depth	24 Bit			M/s. Technoworld	EPSON
	Scanning options (ADF)	Single pass duplex			M/s. Syscon Automation	HP
	Feeder Capacity	50 sheets			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	Paper Size	A3, A4, Legal			M/s. Cyber Engineer	EPSON
	Interface & connectivity	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network				
	Software	Drivers & Utilities				
	Compatible operating systems	Windows 7 to Windows 10 -(32 bit or higher)				
	Warranty	5 Years Comprehensive onsite warranty (Covering all parts)				
<b>Flatbed Scanner (A4)</b>						
28	Scanner Type	Flatbed	CANON Lide 120	6498.02	M/s Apex Computer & Engineering Services	CANON ,EPSON
	Optical Resolution	Min 1200 dpi	EPSON V39		M/s. Delta Technologies	EPSON
	Grey scale levels	256			M/s J. P. Computer Services Pvt Ltd	EPSON.
	Bit Depth	48 Bit			M/s. Technoworld	EPSON
	Scanning options (ADF)	N / A			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	Feeder Capacity	N / A			M/s. Cyber Engineer	EPSON ,CANON
	Paper Size	A4				
	Interface & connectivity	High Speed USB 2.0				
	Software	Drivers & Utilities				
	Compatible operating systems	Windows 10 to Windows XP (all versions)				
	Warranty	5 Years Comprehensive onsite warranty (Covering all parts)				
<b>Heavy Duty Photocopier machine with MFP &amp; Automatic Doc. Feeder</b>						
29	Digital Multifunctional Office Machine <b>PRINT / SCAN / COPY</b>		HP M436NDA	114297.45	M/s J. P. Computer Services Pvt Ltd	HP
	Size	A-3			M/s. Syscon Automation	HP
	Minimum copying/printing speed (cpm)	min. 20 ppm				
	paper size (original / image):	A3/A3				
	RAM (mb)	128				
	other Features					
	100 sheet bypass Duplex ARDF					
	Network					
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				

All orders shall be placed on M/s InfoTech Corporation of Goa Ltd.

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>1 KVA offline UPS with 20 min backup</b>						
30	Battery Load Capacity	1 KVA	IBALL	6777.60	M/s Apex Computer & Engineering Services	IBALL
	Battery	20 Minutes backup on full resistive load.	UNILINE SMARTLINE		M/s. Delta Technologies	IBALL
	Input Voltage	160V to 270V AC, Single Phase	ARTIS		M/s J. P. Computer Services Pvt Ltd	IBALL .
	Input Frequency	45 Hz to 55 Hz	POWER		M/s. Technoworld	IBALL -
	Output frequency	50 Hz ± 2 Hz			M/s. Nupur Technologies Pvt Ltd	UNILINE SMARTLINE
	Output Voltage	230V ± 2%			M/s. Cyber Engineer	I BALL
	Isolation Transformer	Built Inn			M/s. Amey Computers	ARTIS
	Overload protection and Alarm	Yes			M/s. Power Resources	POWER
	Warranty	5 years Comprehensive onsite warranty (3 years for Batteries)				
<b>2 KVA online UPS with 30 min backup</b>						
31	Battery Load Capacity	2 KVA	TECHSER	61543.79	M/s Apex Computer & Engineering Services	TECHSER
	Battery	30 Minutes backup on full resistive load, Sealed Maintenance Free (SMF) batteries of 12V/26AHx10nos	CONSUL NEOWATT FINCH		M/s. Delta Technologies	CONSUL NEOWATT FINCH 3KVA
	Input Voltage	160V to 280V AC, Single Phase	ARTIS POWERSAFE		M/s J. P. Computer Services Pvt Ltd	TECHSER
	Input Frequency	45 Hz to 55 Hz	POWER		M/s. Technoworld	TECHSER
	Output frequency	50 Hz ± 2 Hz	UNILINE MAXIPOWER		M/s. Nupur Technologies Pvt Ltd	UNILINE MAXIPOWER
	Output Voltage	220V ± 10%			M/s. Amey Computers	ARTIS POWERSAFE
	Built-in Automatic Voltage Regulator (AVR), Built-in Isolation Transformer mandatory				M/s. Techser Power Solutions (P) Ltd.	TECHSER
	Overload protection and Alarm Built-in Static bypass switch				M/s. Power Resources	POWER
	Warranty	5 years Comprehensive onsite warranty (3 years for Batteries)				
<b>5 KVA online UPS with 1 HR backup</b>						
32	Rectifier Type	IGBT rectifier	TECHSER	149954.40	M/s Apex Computer & Engineering Services	TECHSER
	Input Voltage Range	160 - 260 VAC	CONSUL NEOWATT FINCH		M/s. Delta Technologies	CONSUL NEOWATT FINCH 6 KVA
	Frequency Range	45 - 55 Hz	ARTIS POWERSAFE		M/s J. P. Computer Services Pvt Ltd	TECHSER
	Phase	Single phase with ground	POWER		M/s. Technoworld	TECHSER
	Power factor	≥ 0.9 at full Load	UNILINE MAXIPOWER		M/s. Nupur Technologies Pvt Ltd	UNILINE MAXIPOWER
	<b>Output Ratings (Single Phase)</b>				M/s. Amey Computers	ARTIS POWERSAFE
	Inverter Type	IGBT Inverter			M/s. Techser Power Solutions (P) Ltd.	TECHSER
	Voltage	230V AC			M/s. Power Resources	POWER
	Voltage Regulation	± 3%				
	Frequency	50 Hz ± 0.125Hz				
	Output Waveform	Pure Sine Wave				
	Efficiency (AC – AC)	≥ 90%				
	Power Factor	> 0.8				
	<b>Battery Details</b>					
	Nominal Voltage	180V DC				
	Type	Sealed Maintenance Free (SMF) batteries				
	Indications	Main ON, Inverter ON/OFF/ Faulty, Battery Level, Static Bypass ON, Load Level				
	Audible Alarm	Mains Failure Alarm, Low Battery Alarm and Overload				
	Protection	Advanced Electronic protection for device safety backed with MCBs/MCCBs/Fast acting fuses. High speed pulse blanking. Electronic over voltage/under voltage Bypass – Static Bypass				
	No. of batteries	40/42AH (Minimum 15 Batteries of 12V each).				
	UPS battery Rating Calculation formula					
Separate Battery Cabinet	To be provided, with adequate ventilation					
Backup Time on Full Load	1 Hour					
<b>Built-in Isolation Transformer mandatory, Built-in Static bypass switch</b>						
Warranty	5 years Comprehensive onsite warranty (3 years for Batteries)					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>10 KVA online UPS with 1 HR backup (Three Phase)</b>					
33	Rectifier Type	IGBT rectifier	TECHSER	248674.38	M/s Apex Computer & Engineering Services	TECHSER
	Input Voltage	400 V AC	ARTIS POWERSAFE		M/s J. P. Computer Services Pvt Ltd	TECHSER
	Phase	Three Phase, Neutral with Ground	POWER		M/s. Technoworld	TECHSER
	Input Voltage Range	340-460V AC	UNILINE MAXIPOWER		M/s. Nupur Technologies Pvt Ltd	UNILINE MAXIPOWER
	Freq. Range	45 - 55 Hz			M/s. Amey Computers	ARTIS POWERSAFE
	Power Factor	≥ 0.9 at full Load			M/s. Techser Power Solutions (P) Ltd.	TECHSER
	Output Ratings (Single Phase)				M/s. Power Resources	POWER
	Inverter Type	IGBT Inverter				
	Voltage	230V AC				
	Voltage Regulation	± 3%				
	Voltage Distortion	≤ 5% (nonlinear load) ≤ 2% (linear load)				
	Output Frequency	50 Hz ± 0.125Hz				
	Power Factor	> 0.8				
	Communication Interface	LAN Interface for IP-based Monitoring				
	Short circuit protection	Yes				
	Battery					
	Battery Voltage	240V DC				
	Type	Sealed Maintenance Free (SMF) batteries				
	Number of Batteries	65/70 AH (Minimum 20 Batteries of 12V each)				
	UPS battery Rating Calculation formula					
	Separate Battery Cabinet	To be provided, with adequate ventilation				
	Backup Time on Full Load	1 Hour				
	Other Parameter					
	Noise	≤ 55 db				
	Indication	Mains ON, Inverter ON/OFF/Faulty, Battery Level, Static Bypass ON, Load Level, Over Temperature				
Audible Alarm	Mains Failure Alarm, Low Battery Alarm, Overload and Load on Bypass					
<b>Built-in Isolation Transformer mandatory, Builtin Static bypass switch</b>						
Protection	Advanced Electronic protection for device safety backed with MCBs Soft start feature for rectifier and inverter, Battery current limiting protection, built in overload protection, output short –circuit protection, Parallel Redundant Configuration-Option Unitary/Parallel Redundant/Redundant Hot standby					
Warranty	5 years Comprehensive onsite warranty (3 years for Batteries)					



Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>10 KVA online UPS with 1 HR backup (single Phase)</b>					
34	Rectifier Type	IGBT rectifier	TECHSER	287412.60	M/s Apex Computer & Engineering Services	TECHSER
	Input Voltage Range	160 - 260 VAC	ARTIS POWERSAFE		M/s J. P. Computer Services Pvt Ltd	TECHSER
	Frequency Range	45 - 55 Hz	POWER		M/s. Technoworld	TECHSER
	Phase	Single phase with ground	UNILINE MAXIPOWER		M/s. Nupur Technologies Pvt Ltd	UNILINE MAXIPOWER
	Power factor	≥ 0.9 at full Load			M/s. Amey Computers	ARTIS POWERSAFE
	Output Ratings (Single Phase)				M/s. Techser Power Solutions (P) Ltd.	TECHSER
	Inverter Type	IGBT Inverter			M/s. Power Resources	POWER
	Voltage	230V AC				
	Voltage Regulation	± 3%				
	Voltage Distortion	≤ 5% (nonlinear load) ≤ 2% (linear load)				
	Output Frequency	50 Hz ± 0.125Hz				
	Power Factor	> 0.8				
	Communication Interface	LAN Interface for IP-based Monitoring				
	Short circuit protection	Yes				
	Battery					
	Battery Voltage	240V DC				
	Type	Sealed Maintenance Free (SMF) batteries				
	Number of Batteries	65/70 AH (Minimum 20 Batteries of 12V each)				
	UPS battery Rating Calculation formula					
	Separate Battery Cabinet	To be provided, with adequate ventilation				
	Backup Time on Full Load	1 Hour				
	Other Parameter					
	Noise	≤ 55 db				
	Indication	Mains ON, Inverter ON/OFF/Faulty, Battery Level, Static Bypass ON, Load Level, Over Temperature				
	Audible Alarm	Mains Failure Alarm, Low Battery Alarm, Overload and Load on Bypass				
	<b>Built-in Isolation Transformer mandatory, Built-in Static bypass switch</b>					
	Protection	Advanced Electronic protection for device safety backed with MCBs Soft start feature for rectifier and inverter, Battery current limiting protection, built in overload protection, output short –circuit protection, Parallel Redundant Configuration-Option Unitary/Parallel Redundant/Redundant Hot standby				
Warranty	5 years Comprehensive onsite warranty (3 years for Batteries)					



Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>32 inch LED / LFD TV</b>						
35	Display Type:	LED / LFD	SAMSUNG	56232.90	M/s. Nupur Technologies Pvt Ltd	SAMSUNG
	Screen Size:	32 inch or Above	LG		M/s. PC Station	LG
	Connectivity:	HDMI, USB				
	Speakers	Built in speaker				
	Resolution:	1920 x 1080				
Warranty	5 years' Comprehensive onsite warranty					
<b>40 inch LED / LFD TV</b>						
36	Display Type:	LED / LFD	SAMSUNG	50967.55	M/s. Delta Technologies	VU
	Screen Size:	40 inch or Above	LG		M/s. Nupur Technologies Pvt Ltd	SAMSUNG
	Connectivity:	HDMI, USB	VU		M/s. PC Station	LG
	Speakers	Built in speaker				
	Resolution:	1920x1080				
Warranty	5 years' Comprehensive onsite warranty					
<b>48 inch LED / LFD TV</b>						
37	Display Type:	LED / LFD	SAMSUNG	70487.04	M/s. Delta Technologies	VU
	Screen Size:	48 inch or Above	LG		M/s. Nupur Technologies Pvt Ltd	SAMSUNG
	Connectivity:	HDMI, USB	VU		M/s. PC Station	LG
	Speakers	Built in speaker				
	Resolution:	1920x1080				
Warranty	5 years' Comprehensive onsite warranty					
<b>55 inch LED / LFD TV</b>						
38	Display Type:	LED / LFD	SAMSUNG	84974.16	M/s. Delta Technologies	VU
	Screen Size:	55 inch or Above	LG		M/s. Nupur Technologies Pvt Ltd	SAMSUNG
	Connectivity:	HDMI, USB	VU		M/s. PC Station	LG
	Speakers	Built in speaker				
	Resolution:	1920x1080				
Warranty	5 years' Comprehensive onsite warranty					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>General duty Bar code scanner along with the stand (5 yrs warranty)</b>						
39	<b>Dimensions (LxWxH)</b>	104 mm x 71 mm x 160 mm (4.1" x 2.8" x 6.3")	ZEBRA DS-4308	11871.39	M/s. Centaur Computer Technology Pvt Ltd	ZEBRA
	<b>Weight</b>	147 g (5.2 oz)				
	<b>Input Voltage</b>	4 VDC to 5.5 VDC				
	<b>Operating Power</b>	2.3 W (450mA @ 5 VDC)				
	<b>Standby Power</b>	0.45 W (90mA @ 5 VDC)				
	<b>Host System Interfaces</b>	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)				
	<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)				
	<b>Storage Temperature</b>	(-40°C to 70°C) (-40°F to 158°F)				
	<b>Humidity</b>	0% to 95% relative humidity, non-condensing				
	<b>Drop</b>	Designed to withstand 50 1.8 m (6') drops to concrete Ratchet stand; Designed to withstand 50 1.2 m (4') drops to concrete on each of the faces				
	<b>Environmental Sealing</b>	IP41				
	<b>Light Levels</b>	0 to 100,000 lux (9,290 foot-candles)				
	<b>Ratchet Cycles</b>	The ratchet stand shall support 10,000 cycles (each cycle is one full movement of the scanner either up or down) without losing its ability to keep the scanner in any ratchet position				
	<b>scan pattern</b>	Area Image (838 x 640-pixel array)				
	<b>Motion Tolerance</b>	Up to 610 cm/s (240 in/s) for 13 mil UPC at optimal focus				
	<b>Scan Angle</b>	HD Focus: Horizontal 41.4°; Vertical: 32.2° SR Focus: Horizontal: 42.4°; Vertical: 33° ER Focus: Horizontal: 31.6°; Vertical: 24.4°				
	<b>Symbol Contrast</b>	20% minimum reflectance difference				
<b>Pitch, Skew</b>	45°, 65°					
<b>Decode Capability</b>	Reads standard 1D, PDF, 2D, Postal and OCR symbologies *Note: Decode capabilities dependent on kit configuration					
<b>Warranty</b>	5 years' Comprehensive onsite warranty					
<b>Double sided PVC card printer (with RFID module) (3 yrs warranty)</b>						
40	<b>Print Mode</b>	300dpi colour dye sublimation, monochrome thermal printing.	EVOLIS PRIMACY	179945.28	M/s. Delta Technologies M/s. Centaur Computer Technology Pvt Ltd	EVOLIS PRIMACY
	<b>Printer Interface</b>	USB rev1.1 (USB 2.0 compatible), Ethernet	ZEBRA ZXP3			ZEBRA / ORPHICARD DUPLET
	<b>Print Speed</b>	Minimum 125 cards per hour	ORPHICARD DUPLET			
	<b>Cleaning Kit</b>	Min. 10 cleaning cards, 1 pen.				
	<b>Cleaning Roller Kit</b>	Min. 5 cleaning rollers, 1 metal roller bar.				
	<b>Card Supported</b>	CR80/CR79 PVC ISO blank cards, HiCo magnetic stripe, smart cards, self-adhesive				
	<b>Smart Card Encoder Module</b>	combi smart card encoding (for contact chip, Mifare®, Desfi re®, iClass®)				
<b>Warranty</b>	3 years' Comprehensive onsite warranty					
<b>Rack Server</b>						
41	<b>Processor</b>	Intel® Intel Xeon E7-8800 v4	HP	937215.00	M/S. A S Enterprises M/s. Nupur Technologies Pvt Ltd	HP/LENOVO
	<b>Memory</b>	32 GB with Expandable capability or higher	LENOVO			DELL
	<b>Hard Drive</b>	6 TB or higher				
	<b>Power Supply</b>	Dual				
	<b>Networking Features</b>	04 nos of 10/100/1000 Mbps on board Integrated Network Port s				
	<b>Drive Bays</b>	Up to 24 x 2.5" hot-plug 12Gb/6Gb SAS HDD or SAS/SATA SSD, Up to 8 front-accessible Express Flash NVMe PCIe SSD (PCIe 3.0)				
	<b>RAID Controllers</b>	Internal controllers: PERC H330, PERC H730P   External HBAs (RAID): PERC H830   External HBAs (non-RAID): 12Gbps SAS HBA				
	<b>Video Card</b>	Matrox® G200 with 8MB memory				
	<b>Keyboard</b>	104 keys or higher OEM USB keyboard				
	<b>Mouse</b>	Optical with USB interface				
	<b>Preloaded Operating Systems</b>	Microsoft® Windows Server® 2008 R2				
<b>Warranty</b>	5 Years Comprehensive onsite warranty (Covering all parts including OS)					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>Projector with presenter</b>						
42	Type	DLP	RICOH PJWX4152	49476.48	M/s. A S Enterprises	RICOH/EPSON
	Native Resolution	XGA 1024 X 768, 3D VIA HDMI	EPSON X36		M/s. Delta Technologies	VIEWSONIC
	Brightness	3,600 ANSI Lumens (Standard), 2,880ANSI Lumens (ECO)	VIEWSONIC PA503X		M/s. Centaur Computer Technology Pvt Ltd	VIEWSONIC
		(Compliant with ISO 21118 standard)			M/s. Amey Computers	RICOH
	Contrast	MIN 10000:1				
	Aspect Ratio	4:3 (Native)				
	Lamp Life	5,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco)				
	Projection Lens	F = 2.56 ~ 2.68, f = 22.0 mm ~ 24.1 mm Manual Zoom and Manual Focus				
	Input	Analog RGB/Component Video (D-sub) x 1, Composite Video (RCA) x 1				
		HDMI (Video, Audio, HDCP) x 1				
	Output	Analog RGB (D-sub) x 1, PC Audio (Stereo mini jack) x 1				
	Noise Level	30 DBA (Standard), 26 dBA (ECO)				
	Remote	IR REMOTE CONTROL				
Powersupply	100-240 V AC 50 HZ					
Warranty	5 Years Comprehensive onsite warranty					
<b>USB Finger Print Scanner</b>						
43	Dimensions (L x W x H)	68.7 x 39.7 x 15.3 mm (2.7 x 1.56 x 0.6 inches)	SAFRAN MSO 1300 E3	7747.64	M/s. Delta Technologies	SAFRAN
	Weight	40g (1.41 oz)				
	Database capacity (users)	500, 3000(1) or 5000(2)				
	Database capacity (templates or fingers)	1000, 6000(1) or 10 000(2)				
	Match-on-Device capability (1:N)	1:500, 1:3000(1) or 1:5000(2)				
	Matching speed	0.6s in 1:1 mode / 0.7s in 1:500 modes				
	Fake Finger Detection	yes				
	Security Layer	optional				
Warranty	5 Years Comprehensive onsite warranty					
<b>10" Tablet</b>						
44	Operating System	Android 6.0, Marshmallow or higher	IBALL Slide Brace X1 4G	34027.15	M/s Apex Computer & Engineering Services	IBALL
	Processor	Octa Core 1.3GHz ARM Cortex A53 64bit Processor or higher			M/s. Delta Technologies	IBALL
	Design and Display	Full Capacitive Multi-Touch			M/s J. P. Computer Services Pvt Ltd	IBALL
		25.5cm (10.1") Display			M/s. Technoworld	IBALL
	Memory & Storage	2 GB RAM or higher			M/s. Cyber Engineer	IBALL
		16GB Built-in storage or higher				
	Network & Connectivity	Micro SD Slot, expandable up to 64GB.				
		4G VoLTE Support				
		Wi Fi				
		Bluetooth V4.0				
	Camera	USB OTG Function				
		8MP AF Rear Camera with LED Flash				
	Battery	5MP Front Camera for video Chatting.				
GPS	7800mAh Lithium-ion Battery					
Sensors	GPS & A-GPS					
Warranty	G-Sensor for auto rotate screen					
	5 years					
<b>2-in-1 Tablet</b>						
45	Processor	Intel® Atom™ x5-Z8350 CPU, up to 1.92 GHz or equivalent	IBALL Slide PenBook	44547.70	M/s Apex Computer & Engineering Services	IBALL
	Screen Size	25.65 cm (10.1") IPS HD Display			M/s. Delta Technologies	IBALL
	Screen resolution	1280*800 resolution			M/s J. P. Computer Services Pvt Ltd	IBALL
	Touch	Touch Pad with Multi-Touch functionality			M/s. Technoworld	IBALL
	Operating System	Windows 10			M/s. Cyber Engineer	IBALL
	Graphics	Intel® HD Graphics 400				
	Battery (mAh)	6000 mAh Li-Polymer				
	Camera (MP)	5 MP Rear camera / 2 MP Front camera				
	Speaker	Dual				
	Memory	32 GB or higher				
	RAM	2 GB or higher				
	USB Port	Yes ( 2 USB Ports on keyboard)				
	Bluetooth	Yes				
	Wi-Fi	Yes				
	HDMI	Yes				
	Special Features	HLK and WHQL certified Cortana MIC,				
		Windows Ink				
	Finger Print Reader.					
Warranty	5 years					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for	
<b>Smart and Portable scanner (5 yrs warranty)</b>							
46	Document scanner	upto A3 size	IBALL ClickScan A305	24367.59	M/s Apex Computer & Engineering Services	IBALL	
	object photos	upto A3 size in 1 second			M/s. Delta Technologies	IBALL	
	presenter	to project paper document or a real object to the large screen using pc or laptop			M/s J. P. Computer Services Pvt Ltd	IBALL	
	video recording	record video of operation or demo			M/s. Technoworld	IBALL	
	OCR function	convert image to text into characters			M/s. Cyber Engineer	IBALL	
	capture size	uptp A3 size					
	adjustable height options	A5/A4/A3					
	capture speed	Appx. 1 sec					
	Image Adjustment	Color (R/G/B)					
	power	usb power (no adapter required)					
	scanner Type	foldable and contactless with adjustable height					
	image resolution	2592 x 1944 pixels (5.0 MP)					
	Warranty	5 Years Comprehensive onsite warranty (Covering all parts)					
<b>Color Inkjet Printer (3 yrs warranty)</b>							
47	Print Technology	Inkjet	EPSON L310	14120.71	M/S. A S Enterprises	EPSON	
	Print Speed (ppm)	min. 15 ppm (Black) & min.15 ppm (Colour)			M/s Apex Computer & Engineering Services	EPSON	
	Resolution	4800 x 600 dpi			M/s. Delta Technologies	EPSON	
	Paper Size	A4, Legal			M/s J. P. Computer Services Pvt Ltd	EPSON	
	Interface & connectivity	High Speed USB 2.0			M/s. Centaur Computer Technology Pvt Ltd	EPSON	
	Software	Drivers & Utilities			M/s. Cyber Engineer	EPSON	
	Compatible operating systems	Windows 7 to Windows 10 -(32 bit or higher)					
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)					
	<b>Monochrome Ink Tank Printer (3 yrs warranty)</b>						
48	Printer Type	Monochrome Ink Tank Printer	EPSON M100	14018.24	M/S. A S Enterprises	EPSON	
	Print Speed	Up to 34 ppm (Black)			M/s Apex Computer & Engineering Services	EPSON	
	Resolution	1,440 dpi x 720 dpi			M/s. Delta Technologies	EPSON	
	Duty Cycle	5,000 pages per month			M/s J. P. Computer Services Pvt Ltd	EPSON	
	Paper Size	A4			M/s. Technoworld	EPSON	
	Connectivity	High Speed USB 2.0 Port			M/s. Centaur Computer Technology Pvt Ltd	EPSON	
	Software	Drivers & Utilities			M/s. Cyber Engineer	EPSON	
	Warranty	3 Years Comprehensive On-site					

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Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>Plotter type 1 (3 yrs warranty)</b>						
49	Line drawings:	Normal: 36 ft2/hr	HP Z5600	367888.13	M/s Apex Computer & Engineering Services	HP
	Color images	85 ft2/hr (Fast mode)	CANON TX-5400 (1R)		M/s. Delta Technologies	HP
	Print resolution maximum	1200 x 600 dpi			M/s. Centaur Computer Technology Pvt Ltd	CANON
	Memory (standard/maximum)	16 MB/160 MB (w/ HP-GL/2 accessory card)			M/s. Syscon Automation	HP
	Handling	Sheet feed, roll feed, automatic cutter				
	Types	Paper (plain, coated, natural tracing, photo, glossy, brochure, heavyweight), transparencies, vellum, translucent bond				
	Size, sheet (width/length)	24-inch models: 8.3 in. to 24 in./up to 74.7 in. 42-inch models: 8.3 in. to 42 in./up to 74.7 in.				
	Size, roll (width/length)	24-inch models: 24 in./up to 150 f 42-inch models: 24, 36, 42 in./up to 150 ft				
	Ink cartridge colors	Black, cyan, magenta, yellow				
	Ink types	Pigment-based (black), dye-based (cyan, magenta, yellow)				
	Interfaces (standard)	Centronics Parallel (IEEE 1284-compliant - ECP), USB 2.0 compliant				
	Drivers	Microsoft® Windows® 95, NT 4.0, 2000, XP, 2003 Server; ADI driver for AutoCAD 13 and 14; Optimized Windows driver for AutoCAD 2000-2005; Raster driver for Mac (OS 9.x, OS X)				
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
<b>Plotter type 2 (3 yrs warranty)</b>						
50	Line drawings:	35 sec/page on A1/D, 70 A1/D prints per hour	HP T520-36"	215934.34	M/S. A S Enterprises	HP
	Print resolution	Up to 2400 x 1200 optimized dpi			M/s Apex Computer & Engineering Services	HP
	Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) Sheet: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)			M/s. Delta Technologies	HP
	Ink types	Dye-based (C, M, Y); pigment-based (K)			M/s. Syscon Automation	HP
	Printheads	1 (C, M, Y, K)				
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)				
	Handling	Sheet feed, roll feed, input tray, media bin, automatic cutter				
	Size	Rolls: 279 to 914 mm (11 to 36 in) Sheets: 210 x 279 to 914 x 1897 mm (8.3 x 11 to 36 x 74.7 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)				
	Memory	1 GB				
	Connectivity	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, Wi-Fi				
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
<b>Plotter type 3 (3 yrs warranty)</b>						
51	Line drawings:	45 sec/page on A1/D, 60 A1/D prints per hour	HP T730-36"	123087.57	M/s Apex Computer & Engineering Services	HP
	Print resolution	Up to 1200 x 1200 optimized dpi	CANON iPF671		M/s. Delta Technologies	HP
	Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) Sheet: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	Ink types	Dye-based (C, M, Y); pigment-based (K)				
	Printheads	1 (C, M, Y, K)				
	Minimum line width	0.04 mm (0.0016 in) (HP-GL/2 addressable)				
	Handling	Sheet feed, roll feed, input tray, automatic cutter				
	Size	Rolls: 279 to 610 mm (11 to 24 in) Sheets: 210 x 279 to 610 x 1897 mm (8.3 x 11 to 24 x 74.7 in) Standard sheets: A4, A3, A2, A1 (A, B, C, D)				
	Memory	256 MB				
	Connectivity	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, Wi-Fi				
Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)					





Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
	<b>Multifunction Plotter (3 yrs warranty)</b>					
52	Line drawings:	21 sec/page on A1/D, 120 A1/D prints per hour on Draft mode	HP T2530PS	662198.63	M/s Apex Computer & Engineering Services	HP
	Print resolution	Up to 2400 x 1200 optimised dpi	CANON TX-5300 MFP		M/s. Delta Technologies	HP
	Margins (top x bottom x left x right)	Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on photo roll media) Sheet: 5 x 22 x 5 x 5 mm (0.2 x 0.87 x 0.2 x 0.2 in)			M/s. Syscon Automation	HP
	Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	Printheads	1 (C, G, M, mK, pK, Y)				
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)				
	Handling	Input: two automatic front-loading roll feeds, smart roll switching, sheet feed; Output: integrated output stacking tray (from A4/A to AO/E, with up to 50 A1/D-size capacity), media bin, automatic cutter Scanner: straight-through scan paper path for sheet and cardboard originals				
	Size	Rolls: 279 to 914 mm (11 to 36 in) Sheets: 210 x 279 to 914 x 1219 mm (8.3 x 11 to 36 x 48 in) Standard sheets: A4, A3, A2, A1, A0 (A, B, C, D, E)				
	Scan speed	Colour: up to 3.81 cm/sec (1.5 in/sec) Grayscale: up to 11.43 cm/sec (4.5 in/sec)				
	Scan/copy resolution	Up to 600 dpi				
	Maximum copies	Up to 99 copies				
	Memory	128 GB (virtual)7, 320 GB hard disk				
	Connectivity	Interfaces (standard) Gigabit Ethernet (1000 Base-T)				
Warranty	3 Years Comprehensive onsite warranty (Covering all parts except tonners)					
	<b>Heavy Duty Color Inkjet Photocopier machine with MFP &amp; Automatic Doc. Feeder (3 yrs warranty)</b>					
53	Digital Multifunctional Office Machine inkjet based PRINT / SCAN / COPY		EPSON WF-C869R	293660.70	M/S. A S Enterprises	EPSON
	Size	A-3	HP PageWide Mngd Clr MFP P77740dn		M/s Apex Computer & Engineering Services	EPSON
	Minimum copying/printing speed (cpm)	min. 34 ppm			M/s. Delta Technologies	EPSON
	paper size (original / image):	A3/A3			M/s. Syscon Automation	HP
	RAM (gb)	1.5GB			M/s. Centaur Computer Technology Pvt Ltd	EPSON
	Other Features				M/s. Cyber Engineer	EPSON
	100 sheet bypass	250 sheets				
	Duplex	Duplex				
		ADF				
	Initial Yield	50,000 pages				
	Duty Cycle	75,000 pages per month				
		Network				
	Warranty	3 Years Comprehensive onsite warranty (Covering all parts )				

All orders shall be placed on M/s InfoTech Corporation of Goa Ltd.

Departments/ Organizations are not allowed to place the orders on the empaneled vendors directly using the above specification and Rates.



Sr. No	Item Name & Technical Specifications		BRAND	Rate in Rs. (incl. GST & ITG charges)	Eligible Empanelled Vendor(s)	Make qualified for
<b>Multifunction Laser Printer monochrome with fax (3 yrs warranty)</b>						
54	<b>Print Technology</b>	Monochrome Multifunction Laser Printer (Print,Scan,Copy, FAX)	CANON MF 249dw	37011.25	M/S. A S Enterprises	CANON, HP
	<b>Print Speed (ppm)</b>	27PPM	HP 227fdn		M/s Apex Computer & Engineering Services	CANON
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON
	<b>Paper Size</b>	A4, Legal			M/s J. P. Computer Services Pvt Ltd	Canon
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network, Fax port			M/s. Technoworld	CANON
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Syscon Automation	HP
	<b>Duty Cycle</b>	Upto 15000 pages per month			M/s. Nupur Technologies Pvt Ltd	CANNON
	<b>Software</b>	Drivers & Utilities			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)			M/s. Cyber Engineer	CANON
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				
	<b>Scanner Specifications</b>					
	<b>Scan Type -</b>	CIS Flatbed				
	<b>Scan Resolution -</b>	600 x 600 dpi				
	<b>DADF Capacity</b>	Appx 50 Sheets				
	<b>Bit depth -</b>	24-bit				
	<b>Copier Specifications</b>					
<b>Copy Speed -</b>	27CPM					
<b>Copy Resolution -</b>	600 x 600 dpi					
<b>Color Inkjet Printer with Networking (3 yrs warranty)</b>						
55	<b>Print Technology</b>	Inkjet	CANON iB4170	14233.17	M/S. A S Enterprises	CANON
	<b>Print Speed (ppm)</b>	min. 22 ppm (Black) & min. 18 ppm (Colour)			M/s Apex Computer & Engineering Services	CANON
	<b>Resolution</b>	600 x 600 dpi			M/s. Delta Technologies	CANON
	<b>Duty Cycle in pages</b>	Up to 30,000 pages			M/s J. P. Computer Services Pvt Ltd	CANON
	<b>Paper Size</b>	A4, Legal			M/s. Technoworld	CANON
	<b>Interface &amp; connectivity</b>	High Speed USB 2.0 & 1 fast Ethernet 10/100Base-Tx Network			M/s. Nupur Technologies Pvt Ltd	CANON
	<b>Printing</b>	Automatic Double sided printing (Duplex printing)			M/s. Centaur Computer Technology Pvt Ltd	CANON
	<b>Software</b>	Drivers & Utilities			M/s. Cyber Engineer	CANON
	<b>Compatible operating systems</b>	Windows 7 to Windows 10 -(32 bit or higher)				
	<b>Warranty</b>	3 Years Comprehensive onsite warranty (Covering all parts except tonners)				