

Name of the Trade		COPA		
S.No.	Name of the item	Std List No.	Type of the item (Tool /	Specifications
(i)	(ii)	(iii)	(iv)	(v)
1	Desktop Computers of the latest configuration prevalent at the time of procurement or with the following minimum features: CPU: 32/64 Bit Core 2 Duo/Quad Core/i3/i5, Speed: 3 GHz or Higher. Cache Memory: - Minimum 3 MB or better. RAM:-8 GB DDR-III or Higher. Hard Disk Drive: 500GB or Higher, 7200 rpm(minimum) or Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet(10/100/1000) - Wi-Fi, USB Mouse, USB Keyboard and Monitor (Min. 22 Inch), Standard Ports and connectors. DVD Writer, Speakers And Mic. Licensed Windows Operating System / OEM Pack(Preloaded), Antivirus / Total Security	1	Tools	Desktop Computers of the latest configuration prevalent at the time of procurement or with the following minimum features: CPU: 32/64 Bit Corei5-4460S processor (6M Cache, up to 3.4 GHz). RAM:-8 GB DDR-III or Higher. Hard Disk Drive: 1TB 7200 rpm SATA 6Gb/s Hard Drive or Higher,NVIDIA® GeForce® 705 1GB DDR3, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet(10/100/1000) - Wi-Fi, USB Mouse, USB Keyboard and Monitor (Min. 22 Inch), Standard Ports and connectors. DVD Writer, Speakers And Mic. Licensed Windows Operating System Windows® 8.1 Single Language (64Bit) English / OEM Pack(Preloaded), Antivirus / Total Security
2	Laptop 4th Gen Ci5 Processor, 4GB RAM, 1TB Hard Disk, Win8 Preloaded Licensed OS, 2GB Graphics Card, DVD Writer, Standard Ports And Connectors.	2	Tools	4th Generation Intel® Core™ i7-4510U processor (4M Cache, up to 3.1 GHz), 8GB Single Channel DDR3L 1600MHz (8GBx1)RAM, 1TB 5400 rpm SATA Hard Disk, Win8 Preloaded Licensed OS, NVIDIA® GeForce® 840M 2GB DDR3L, DVD Writer, Standard Ports And Connectors.
3	Wi-Fi Router / 24 Port Switch With Wireless Connectivity option	3	Tools	Wi-Fi Router / 24 Port Switch With Wireless Connectivity option
4	Lab should have Structured cabling (to enable working with Wired Networks tool for Practical)	4	Tools	Lab should have Structured cabling (to enable working with Wired Networks tool for Practical)
5	Internet or Intranet Connectivity	5	Tools	Internet or Intranet Connectivity
6	Laser Printer Monochrome A4 Size	6	Tools	Processor speed 600 MHz, Speed(Mono) :Up to 26 ppm in A4 (24 ppm in Letter),First Print Out :Less than 8.5 seconds (From Ready Mode),Resolution:Up to 1,200 x 1,200dpi effective output,Duplex>manual
7	Network Monochrome Laser Printer A4 Size	7	Tools	Network Monochrome Laser Printer A4 Size, Processor:600MHz,Memory:128MB,Interface:Hi-Speed USB 2.0/Ethernet 10/100 Base TX,Power Consumption:400 watts (Printing)/45 watts (Standby)/1.0 watts (Power Save),Noise level:Less than 50dBA (Printing)/Less than 26dBA (Standby),Dimension (WxDxH):368.0 x 33 Scanner type:Flatbed,Scan resolution, optical:Up to 4800 dpi,Task speed:10 x 15 cm (4 x 6 in)
8	Optical Scanner (Flatbed A4)	8	Tools	Type: Processor 30 MHz, Flatbed,Scan resolution, optical:Up to2400X 4800 dpi,Task speed:10 x 15 cm (4 x 6 in) color photo to file (200 dpi, 24-bit, tiff): about 14 sec for single image scan,Scan size (flatbed), maximum 216 x 297 mm (restricted by scan image file size of 2 GB for Windows,

9	Digital Web Cam (High Resolution)	9	Tools	Flexible 12 Mega Pixel High Resolution USB Webcam With Microphone/Snapshot/6 LED Night Vision Light/Clip For PC Laptop - High quality 5G wide angle lense,USB 2.0,4X Digital ZoomVideo EffectsceEshop(TM)
10	DVD or Blu-Ray Writer	10	Tools	Serial ATA Interface,5.25 inch Form Factor,16x DVD+R Read, 24x DVD+R Write,48x CD-R Write,40x CD-RW Read, 24x CD-RW Write,DVD Rewriter,0.75 MB Buffer Memory
11	LCD Projector with matte(antiglare) screen	11	Tools	LCD Projector with matte(antiglare) screen, RESOLUTION: 1080p (1920 x 1080), 600 Video Lines ,BRIGHTNESS: 3000-3500 ANSI lumens, CONTRAST RATIO: 60000:1, PICTURE SIZE: 40-300 inches diagonal, SOURCE LAMP: High pressure mercury lamp 300W; 5000 Hrs Lamp Life, SCANNING RATE: [H] 15 - 1
12	2KVA online UPS	12	Tools	On-Line with isolation transformer, for single phase AC input & single phase AC output, Rating : 2.0 KVA, Inductive back-up time : Minimum 30 minutes on full load, UPS Floor Mounted Type, Indicators : Over Temperature. , Battery Low, Main On & Inverter On Indicators (audible or visual), Input Voltage Protection, Input Under Voltage Protection & Input Cut-off Protection, Output Over Voltage Protection, Output Under Voltage Protection, Over Load Protection, Short Circuit Protection, Sealed maintenance free lead acid dry batteries of 12V
13	Cable crimping tool	13	Tools	7.5" steel construction body suitable for 22–26 AWG wires, ratchet mechanism, 8p8c/RJ45, 6p6c/RJ11 plugs
14	Standalone Hard Disks 500 GB or Higher	14	Tools	Standalone Hard Disks 500 GB or Higher
15	Network Rack	15	Tools	Network Rack
16	Barcode Scanner	16	Tools	Barcode Scanner Scan up to 29" away USB, Corded, high performance Ideal for Inventory, office, and retail
17	Digital Multimeters, 3.5 digit handheld type.	17	Tools	3.5"LCD display, Maximum range of 1000VDC, 750VAC & 10A AC/DC, Maximum range of 10MΩ, hand held.
18	Standard Screw Driver Set	18	Tools	Minimum 5 screw driver blade in leather/plastic case
19	USB Mini Dongle for Bluetooth devices Connection	19	Tools	Size:22 x 12 x 5 mm Operation system : Windows98 , 98se , Me, 2000, XP, Vista Interface : USB compliance Symbol rate : 3Mbps Receiving / Sending rang : 20 m Convert non Bluetooth PC into Bluetooth enabled Wireless connect to Bluetooth devices such as mobile phones , PDA or PC , for data transfer , networking , and dial-up , fax ect. Enabled wireless connection to Bluetooth headset Supporting Bluetooth voice data Supporting Multi languages Bluetooth specification V 2.0 & V 1.2 Compliant Supporting profiles : networking, Dial-up, Fax, LAN access , and Headset
20	Bluetooth headphone & mic set	20	Tools	Bluetooth headphone & mic set, Wearing Style On-ear, Weight 108g (3.8oz), Main Features Volume Control, aptX, Bluetooth 2.1 Driver Size 34mm (1.33 inches) Neodymium magnet Frequency Response 18Hz ~ 22kHz Cable Length 1m / 3.3ft (for USB charging only)

21	External Solid State Hard Disk 1 TB	21	Tools	External Solid State Hard Disk 1 TB, Dimensions 2.36" (60 mm) wide ,4.95" (126 mm) tall 0.31" (8.0 mm) thick, Performance 3.7oz (104g) weight, 0/150MB/s * Read/Write Energy Efficient - USB Powered
22	LAN Setup	22	Tools	LAN Setup
23	MS Office 2010 (professional) or the latest version available at the time of procurement	1	Softwares	MS Office 2010 (professional) or the latest version available at the time of procurement
24	Antivirus for – clients / workstations in profile with validity of an year or more which should be renewed upon expiry	2	Softwares	Antivirus for – clients / workstations in profile with validity of an year or more which should be renewed upon expiry
25	Open Office or equivalent.	3	Softwares	Open Office or equivalent.
26	GIMP / Irfan View Image editor or equivalent	4	Softwares	GIMP version 2.8.14 / Irfan View Image editor version: 4.38 or equivalent
27	LINUX OS	5	Softwares	Linux 5.1. x86 (IA-32 class processor). x86_64 (AMD64 and Intel64 class processors). X/OS Linux 5.0.
28	WYSIWYG Web Authoring tool- Dreamweaver or Opensource tools likeKompozer, FrontPageor similar tools along with FTP tools for ex.Filezillaetc.	6	Softwares	WYSIWYG Web Authoring tool- Dreamweaver or Opensource tools likeKompozer, FrontPageor similar tools along with FTP tools for ex.Filezillaetc.
29	Tally ERP 9 or Latest	7	Softwares	Tally ERP 9 or Latest
30	E Commerce Simulation Software	8	Softwares	E Commerce Simulation Software
31	Web Server : Any HTTP Web server / XAMPP or any other similar server	9	Softwares	Web Server : Any HTTP Web server / XAMPP or any other similar server
32	Hand Held Vacuum cleaner	1	Furniture	1 Forbes Trendy Steel Vacuum Cleaner, 1 Flexible Hose Pipe, 2 Extension Tubes, 1 Floor and Carpet Brush, 1 Crevice Nozzle, 1 Grill Brush, 1 Coat Brush, 1 Top Clean Adapter, 1 Spray Jar, 1 Car Wash Adopter, 1 Aromiser, 1 All Purpose Nozzle, 1 Upholstery CI
33	Pigeon hole cabinet : 20 compartments	2	Furniture	steel cupboard with pigeon hole partitions Dimensions 1980H x 915W x 485D Material CRCA steel sheets Thickness of the cupboard body sheet 20 SWG (0.91mm) Thickness of Doors & shelves 18SWG (1.21mm) Quality of used sheet for making cupboards Shall be free from any pitting and corrosion etc. Color Prince grey Finish Scratch Resistant Powder Coat Pigeon holes 4 rows x 3 columns. Lock Godrej make lock with 2 sets of keys Legs (2Nos.) 150mm

34	Chair and table for the instructor	3	Furniture	<p>Chair for the instructor The seat / back are made up of 1.2 cm thick hot pressed plywood and upholstered with fabric and moulded Polyurethane foam together with moulded seat and back covers. HIGH BACK SIZE: 50.0cm. (W) X 72.0cm. (H) SEAT SIZE: 50.0cm. (W) X 46.5cm. (D) The HR Polyurethane foam is moulded with density=45+/-2 kg/m cube and hardness load 16+/-2 kgf as per IS:7888 for 25% compression. The seat cover is injection moulded in black co-polymer polypropylene and back cover is vacuum formed from ABS sheets.Armrests made of black integral skin polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The chair has mechanism 360 degree revolving type and Tilt tension adjustment.The twin wheel castors are injection moulded in Black Nylon. Colors : Carbon Black,Milan Red,Copper Moon,Platinum Blue</p> <p><b>Table:</b> Overall size 1345Wx760Dx735H(mm). Table top made up of 18mm thick prelaminated board with 2mm thick lipping on the edges. Understructure made up of MSERW square cube of size 30x30x1.6(mm) thick. Side, front, back panel made up of 18mm prelaminated twin board. Table includes pedestal made up of combination of prelaminated panel and MS sheet. Overall size 439Wx729Dx536H(mm). Colors: Silver Grey and Teak</p>
35	Dual Desk or Chair and Tables for Trainees	4	Furniture	Dual Desk or Chair and Tables for Trainees
36	Computer table laminated top 150X650X750 mm with sliding tray for key board and one shelf of storage	5	Furniture	Computer table laminated top 150X650X750 mm with sliding tray for key board and one shelf of storage
37	Operators chair (without arms mounted on castor wheels, adjustable height)	6	Furniture	<p>The seat and back are made up of 1.2 cm thick hot pressed plywood, upholstered with fabric and moulded Polyurethane foam with PVC lipping all around. The back foam is designed with contoured lumbar support for extra comfort. (MID BACK) SIZE: 40.0cm. (W) X 45.0cm. (H) SEAT SIZE: 43.0cm. (W) X 39.0cm. (D) The HR Polyurethane foam is moulded with density=45+/-2 kg/m cube and hardness load 16+/-2 kgf as per IS:7888 for 25% compression. The permanent contact mechanism is designed with 360° revolving type.14° maximum back-tilt only.Upright position locking.Tilt tension adjustment. The pneumatic height adjustment has an adjustment stroke of 12.0 cm.The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal is injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 61.0cm. pitch-center dia. (71.0 cm with castors).The twin wheel castors are injection moulded in Black Nylon. Color:blur/red</p>
38	Printer table 650X500X750mm can be varied as per local specifications	7	Furniture	Printer table 650X500X750mm can be varied as per local specifications
39	Split type Air conditioners 1.5 tons	8	Furniture	Split type Air conditioners 1.5 tons
40	Storage cabinet 60X700X450mm	9	Furniture	Storage cabinet 60X700X450mm
41	White Board.	10	Furniture	White Board.

42	Steel Almirah	11	Furniture	Steel Almirah The overall size of the storage shall be 916mm (W) x 486mm (D) x 1980mm (H). The contruction shall be welded construction with 0.7mm thick CRCA for shelf and 0.8mm thick for back. The door shall be made of 0.8mm thick CRCA and all other metal component shall be made of 0.9mm thick CRCA. The locking and handle of the storage shall be mazak handle with three way locking mechanism. The shelving shall be height adjustable and shall have a load capacity of 40kg. The product shall be epoxy powder coated to the thickness of 50 microns Colors : Prince Grey and Snowbell Grey
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