State Project Directorate,

Computer Lab at 25 Colleges for NAAC Accreditation
Specification for the Equipment
Tender Ref No : 354/SPD/WB/2021

Annexure-1   Desk Top PC

Category	Technical Specification	Item Description of Min Requirement
Processor	Processor Make	Intel / AMD
	Processor Generation	Min. Intel 9th / AMD 3rd
	Number of Cores per Processor	Min. 4
	Processor Base Frequency (GHz)	Min. 2.9 GHz
	Processor Description	Intel i5 / AMD Ryzen™ 5
	Processor Number	Any Value
Motherboard	Chipset Series	B / Q Series
	Chipset Number	Any Value
	Expansion Slots (PCIe X 16)	Min. 1
Graphics	Graphics Type	Integrated
Operating System	Operating System (Factory Pre- Loaded)	Windows 10 Professional
	OS Certification	Yes
Memory	Type of RAM	DDR4
	RAM Size (GB)	Min. 8
	RAM Speed (MHz)	Min. 2400
	RAM Expandability up to (using spare DIMM Slots in GB)	Min. 32 GB
Storage	Type of Drives used to populate the Internal Bays	HDD and SSD (Hybrid)
	Capacity of each HDD(GB)	SSD - Min 128 GB HDD - Min. 1 TB @7200 rpm
	Total SSHD Capacity in Addition to 8 GB Flash (GB)	Any Value
Display	LED Backlit Monitor Size (INCHES)	Min. 19.5 inch
	Display Resolution (PIXELS)	Min. 1920 x 1080
	Panel Technology	IPS / TN / VA
Input Devices	Mouse Connectivity	Wired
	Keyboard Connectivity	Wired
Optical Drive	Optical Drive	DVD R/W
Cabinet	Cabinet Form Factor	SFF / Tower
Warranty	On Site OEM warranty (Year)	Min. 5 Years
Certification	Certification	BIS, UL, ROHS, BEE, ISO: 9001

Category	Technical Specification	Item Description of Min Requirement
	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished
	Additional Requirement -	**Bidder to supply preloaded Windows 10 Professional, MS office , Antivirus, License valid till Warranty period, Wired Keypad and Mouse,**

Annexure-2 : एंटीवायरस-प्रस्तावित तकनीकी स्पेसिफिकेशन

Technical Specification	Item Description of Minimum Requirement
Sub-Category	Stand alone with 5 user Packing
Single License for Multi device	Yes
Intrusion Detection System (IDS) / Intrusion Prevention System (IPS)	Yes
Data Protection	Yes
Cloud Protection	Yes
Network Threat Protection	Yes
Installation and Demonstration	Yes
Number of Years upto which Support (Warranty) is available from OEM / Franchise Online	5 Year License
Anti-Virus	Yes
Anti-Malware	Yes
Anti-Phishing	Yes
Anti-Rootkit	Yes
Anti-Spyware	Yes
Anti-Trojan	Yes
Anti-Worm	Yes
Anti-Spam	Yes
Anti-Adware	Yes
Anti-Ransom ware	Yes
Boot time protection	Yes
Removable Media Scan	Yes
Protection from Browser Exploits	Yes
Incoming and Outgoing Email Protection	Yes
Instant Messaging Protection	Yes
On-Demand Scanning	Yes

Technical Specification	Item Description of Minimum Requirement
On-Access Scanning	Yes
Scheduled Scanning	Yes
Vulnerability Scanning	Yes
Automatically Clean Infected Files	Yes
Scan Compressed File Formats	Yes
Quarantine Feature	Yes
Automatic USB Detection	Yes
Registry Start Up Protection	Yes
Browser Protection	Yes
Malicious web page blocking	Yes
Tamper Protection	Yes
Parental Control	Yes
Password Manager	Yes
Heuristics Protection	Yes
Firewall	Yes
Web Protection	Yes
Macro Protection	Yes
Protection from PUA (Potential Unwanted Applications)	Yes
Download Protection	Yes
Behavioural Analysis & Vulnerability Protection	Yes
Band width Management	Yes
Proactive performance alerts	Yes
Social media protection	Yes
Online Identity protection	Yes
Safe guards online transactions	Yes
Network Attack Blocker	Yes
Virus cleanup mode/Virtual sandbox	Yes
System Watcher	Yes
Backup and Restore	Yes
Data Encryption	Yes
Automatic Exploit Prevention	Yes
File Shredder	Yes
Virtual Key Board	Yes
Automatic Updates	Yes
Free 24-hour support	Yes

Annexure-3: मल्टीफंक्शन प्रिंटर-प्रस्तावित तकनीकी स्पेसिफिकेशन

Technical Specification	Item Description of Minimum Requirement
Printing Technology	LASER
Cartridge Technology	Composite
Type of Printing	Mono (Black Only)
Paper Size	A4 / Legal
Duplexing Feature	Yes
Print - Speed (A4) - Mono (PPM)	Min. 27 ppm
Scanning Feature	Yes
Scan - Auto document feeder capacity	Min. 20 sheets
Memory / RAM Size (MB)	Min. 512
Network Connectivity	Yes
Type of Network Enterface	Ethernet 10/100/1000
Wireless Connectivity	Yes
No of Paper Tray	Min. 1
Paper Tray Capacity	Min. 150
Bypass Facility	Yes
Duty Cycle / Month (No of Prints)	Min. 12000
BIS Registration under CRS of Meity	Yes
BIS Registration No	Yes
On Site OEM warranty (Year)	Min. 3

Annexure-4   ऑनलाइन यू.पी.एस. -प्रस्तावित तकनीकी स्पेसिफिकेशन

Category	Technical Specification	Item Description of Minimum Requirement
GENERIC	Rating in KVA (KVA)	10.0 KVA
	Technology	IGBT-PWM with inbuilt isolation transformer
	Input Power	single phase 160V - 260V signwave 50Hz
	Input Frequency Range	50 Hz +/- 6% Hz
	Output power	Single phase 230V +/-1%

Category	Technical Specification	Item Description of Minimum Requirement
	Output Frequency Range	50 Hz +/- 6% Hz
	Out Wave Form	Pure Signwave
	Backup time (Minutes)	Min. 60 Minutes on Full Load
	Minimum VAH (VAH)	Min. VAH 16000
	Noise level (1 meter distance fro UPS)	</= 55dB
	Type of Cooling	Air Cooled
	On-site comprehensive Warrancy for UPS (Years)	5 Years
	Movable Trolly/Rack for Batteries	Rack
	Replacement Warranty for battery	2 Years
	Degree of Protection	IP20, IP21
	Cabling for input and out put	Yes, 5 Meters Cabling
	Paralleling kit for synchronizing	Without
	Installation and Commissioning	Yes
CONSTRUCTIONAL	Minimum thickness of M. S. Sheet Enclosure duly painted (mm)	1.2
	Type of Battery	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)
FUNCTIONAL	20% Overload limit for minimum 10 minutes	Yes
	Overall Efficiency (%)	>/=90%
	50% Overload limit for minimum 1 minutes	Yes
	Total Harmonic Distortion (THD) (%)	Maximum 3%
REPORTS AND CERTIFICATION	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes

Annexure- 5 : इंटरैक्टिव पैनल (स्मार्ट क्लास) -प्रस्तावित तकनीकी स्पेसिफिकेशन

Technical Specifications	Item Description of Minimum Requirement
Display Panel Diagonal size (mm)	Min. 1905 mm or Higher

Technical Specifications	Item Description of Minimum Requirement
Display Aspect Ratio	Min. 16:09 or Higher
Number of Touch Points	Min. 10 Points or Higher
Touch Interface	Touch sensitive as well as pen driven
Provision of In Built Speakers	Yes
Display Type	LCD
Backlight Technology	LED
Touch Technology	Infrared Optical
Resolution	3840 x 2160- 4K Ultra HD
Brightness	Min: 330 Nits or Higher
Response time	Max: 8 Milliseconds or Below
Bluetooth Connectivity	Yes
Wi-Fi Connectivity	Yes
On Site Bidder / OEM warranty (Year)	Min. 3 Years
Additional Parameters	
Panel Technology	IPS / TN / VA or higher
Number Of Writing Points (Number)	Min. 10 Points or higher
Speakers Watts	Min. 20 Watts or higher
Native contrast ratio	Min. 1100: 1 or higher
Glass Hardness	Display Hardness Min 7H(MOHS), Antiglare Treatment
Pen Tip Diameter	Must be less than or equal to 2 mm
Dual Pen	Yes
Glass Type	Min. Anti-Glare 4 MM
Ports	Minimum: HDMI x 2, Audio In x 1, Audio Out x 1, USB-3.0 x 2, USB-2.0 x 2, VGA x 1, RS232 x 1, RJ45 x 1
Options of Video conferencing Camera (PTZ)	Display should be compatible with USB based PTZ cameras

Technical Specifications	Item Description of Minimum Requirement
OPS	Should have option with Minimum: Processor: 2.4 GHz Core: 4 RAM: DDR4 4GB (expandable to 16GB), HDD: 512 GB, Wifi: 802.11 abgn-AC , Bluetooth: 4.0, Ethernet: Gigabit LAN Ethernet 10/100/1000, OS : Windows 10 Professional,
Certification and Compliance	BIS, UL, FCC, CE or EMC/ CE-EU, EEI/ ERP rating
Technical Details as per Public domain	Offered product should be available on OEM public domain /URL LINKS for Data Sheet
Service Setup for after Sales support	1) OEM should have direct/ OEM Authorized service centers network in MP from last 3 years. Supporting documents would be required. 2) Toll Free Number & email to attend service calls
ISO Certification	OEM / Bidder should have ISO 9001,14001 certificates for India
OEM / Bidder Experience	OEM/ Bidder should have the experience of supply display in similar kind projects under State / central govt. education departments
Additional Requirement - Bidder to provide in the OPS system	Bidder to supply preloaded Windows 10 Professional, MS office , Antivirus, License valid till Warranty period, Wireless Keypad and Mouse , wall mounting frame / Floor mounted frame ,
Technical Specifications of Interactive Panel Lockable Cabinet and lockable Sliding White board	
Cabinet: Wall Mounted Lockable Enclosure with Dimensions L 600 mm x D 600 mm X H 600 mm having inside 2 shelves , Powder coated CRCA Steel Sheet of minimum 1.2mm thickness to house Laptop, Remotes, Wireless Keyboard & Mouse, HDMI,VGA Cables	**Sliding Board** : smooth sliding lockable white board on front Sturdy frame of Interactive panel to be provided for usage while the Interactive panel is not in use. Proper Sturdy support frame for holding the white board while the white board is out of the Interactive panel front

Annexure- 6: Proposed Technical Specification for High-End Desktop-PC

Category	Technical Specification	Item Description of Min Requirement
Processor	Processor Make	Intel / AMD
	Processor Generation	Intel 10th / AMD 4th
	Number of Cores per Processor	6
	Processor Base Frequency (GHz)	2.9 GHz
	Processor Description	Intel i7 / AMD Ryzen™ 7
	Processor Number	Any Value
Motherboard	Chipset Series	B / Q / Pro Series
	Chipset Number	Any Value
	Expansion Slots (PCIe X 16)	1
Graphics	Graphics Type	Integrated
Operating System	Operating System (Factory Pre-Loaded)	Windows 10 Professional
	OS Certification	Yes
Memory	Type of RAM	DDR4
	RAM Size (GB)	16
	RAM Speed (MHz)	2400
	RAM Expandability up to (using spare DIMM Slots in GB)	32 GB
Storage	Type of Drives used to populate the Internal Bays	HDD and SSD (Hybrid)
	Capacity of each HDD(GB)	SSD - 256 GB HDD - 1 TB @7200 rpm
	Total SSHD Capacity in Addition to 8 GB Flash (GB)	Any Value
Display	LED Backlit Monitor Size (INCHES)	21 inch
	Display Resolution (PIXELS)	1920 x 1080
	Panel Technology	IPS / TN / VA
Input Devices	Mouse Connectivity	Wired
	Keyboard Connectivity	Wired
Optical Drive	Optical Drive	DVD R/W
Cabinet	Cabinet Form Factor	SFF / Tower
Warranty	On Site OEM warranty (Year)	5 Years
Certification	Certification	BIS, UL, ROHS, BEE, ISO: 9001

Category	Technical Specification	Item Description of Min Requirement
	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished
	Additional Requirement	**Bidder to supply preloaded Windows 10 Professional, MS office , Antivirus, License valid till Warranty period, Wireless Keypad and Mouse**

Annexure-7   Specifications for the Split AC -2Tons capacity

Type of Air Conditioner	High wall Split AC (Hot and Cold)
Compressor (Speed Type)	Non- Inverter (Fixed Speed)
Air ConditioningTechnology	Hot and Cold
Heating Mechanism	Electric Heater
Nominal Capacity (TR)	2
Nominal Cooling Capacity (kcal/hr) minimum	6000 for 2.0 TR
Nominal Heating Capacity	90 to 100% of Cooling Capacity
Coil Material (Evaporator)	Copper
Coil Material (Condensor)	Copper
Fin Material (Evaporator)	Copper
Fin Material (Condensor)	Copper
Eco-friendly refrigerant	Yes
Minimum Set Temperature	18 degree Celsius
Maximum Set Temperature	30 degree Celsius
BEE Star Rating minimum	3
Remote Control - inclusive in the scope of supply	Yes
Features	Auto restart,Sleep mode,24 hour On-Off Timer,Power Saver,Self clean,Speed settings,Humidity Control

Minimum length of copper pipe and suitable connecting electrical cable for installation and commissioning - inclusive in the scope of supply	As required at Location
Conformity to Indian Standard	Generally conforming to IS 1391 latest
WARRANTY & INSTALLATION	
Warranty on machine	1 year
Warranty on Compressor	5 year
Installation and Commissioning	Installation and Commissioning to be inclused in the prices by the seller

Annexure- 8 : Proposed Technical Specification of UTP CAT6 Cable

S.No	Technical Specification	Item Description of Min Requirement
1	Category	CAT6 UTP Solid Cable
2	Conductor Metal	Bare Copper
3	Conductor	23 AWG (Solid)
4	Twisted Pairs	4-pair unshielded twisted pair (UTP) cable
5	Insulation Material	HD-PE (High Density Polyethylene)
6	Resistance Unbalance	5% Max
7	Cable Jacket Material	Low Smoke Zero Halogen (LSZH)
8	Storage Temperature Range	-20 ºC to +60 ºC
9	Operating Temperature Range	-20 ºC to +60 ºC
10	UL Marking on Cable	Yes
11	Length Printed on the Outer Jacket of the Cable	Yes
12	Network Line Speeds	1 GB / Second
13	On Site OEM warranty (Year)	5 Years
14	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished

Annexure-9 : Proposed Technical Specification of RJ45 IO Box

Category	Technical Specification	Item Description of Min Requirement
Cat.6 UTP 90º Keystone Jacks	Category	8P8C unshielded RJ45 punch-down keystone jacks
	Frequency range	1-250 MHz
	Compatible conductors	22 to 24 AWG SOLID
	Pin-pair assignment	T568A & T568B
	Contacts	Phosphor Bronze, 50U" Gold Painting.
	Housing	ABS, UL94 V-0
	Orientation	90º
	Termination blocks	110 IDC (PC, UL94V-0)
	Insertion/withdrawal	750 cycles
	Cable re-termination	200 cycles
	Operating temperature	-10ºC to +60ºC at 10-90% RH(non condensing)
	Insulation resistance:	500 MΩ
	Dielectric withstanding voltage:	1000 V AC
	DC current rating:	1.5 A
	DC resistance:	0.1 Ω
	Contact resistance:	20 mΩ
86 x 86 Square Faceplates	1-2 port UK Style faceplates Jack compatibility	Shielded or unshielded RJ45 keystone jack
	Category compatibility	CAT6, CAT6A
	Mount type	Wall or ducts
	Shuttered	Yes
	Write on labels in transparent plastic	Yes
	Screw hole covers	Yes
	Material of construction	High-impact flame retardant materials
	ICON	ABS, UL 94V-0
	CAP	ABS, UL 94V-0
	SPRING	SUS 340
	SHUTTER	ABS, UL 94V-0
	PLATE	ABS, UL 94V-0, 86 x 86 x 9mm

Category	Technical Specification	Item Description of Min Requirement
Surface Mount Boxes	Material of construction	High-impact flame retardant materials, ABS, UL 94V-0
Warranty	On Site OEM warranty (Year)	5 Years
Certification	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished

Annexure-10 : Proposed Technical Specification of 48-Port Gigabit Ethernet Unmanaged Switch

S.No	Technical Specification	Item Description of Min Requirement
1	Port Density & Redundancy	48 x 10/100/1000 Base T-Port SPF (1G) uplink ports
2	Network Protocol and Standard	IEEE 802.3af/at Power over Ethernet
3	Transfer Rate	Min 100 Mbps on Full Duplex, 10 Mbps on Half Duplex
4	Connector Type	Metal
5	Switch Housing	Metal
6	LEDs	Power, Speed, Link/Activity
7	Short cable power saving	Yes
8	Energy Efficient Ethernet Support (IEEE 802.3az)	Yes
9	MAC Table Size	16K
10	Packet buffer size	1.5MB
11	Power	Internal (AC 110-240V, 50-60Hz, 1.0A max)
12	Max Power Consumption (Watts)	23W
13	Acoustic Noise Level @ 25° C (dBA)	0 dBA (Fanless)
14	Operating Temperature	0° to 50°C (32° to 122°F)
15	Electromagnetic compliance (A or B)	Class A
16	Form Factor	rack-mountable
17	On Site OEM warranty (Year)	5 Years
18	Certification	ROHS, ISO: 9001
19	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished

Annexure-10: Proposed Technical Specification of Network Wall Mount Rack

S.No	Technical Specification	Item Description of Min Requirement
1	Type of Rack	Wall Mount Type
2	Construction Type	Welded
3	Material used	SPCC Quality Cold Rolled Steel Metal
4	Front Door	Lockable from door with toughened glass
5	Side Panel	Fixed
6	Mounting Angle	19 inch mounting angle made of formed steel
7	Standard finish	Powder coated
8	Power Distribution Unit	3 point power distribution unit of 5A
9	Number of Fan For Heat dissipation (nos)	1 ceiling mounted fan
10	Static Load	25KG
11	On Site OEM warranty (Year)	5 Years
12	BIS Registration Number and its Validity	Yes, documentary evidence to be furnished

Annexure-11- As per the Prudent Industrial Practice Material

Annexure-12 : Electrification with ISI cabling from Power Distribution Points to Computer Tables

1. Power distribution point provided by the Civil Contractor for the Computer Room walls with 16 Amps x 2 Nos Switch Socket at each Computer desk terminal.
2. From the distribution point on the wall out let of 16 Amps Switch to the each Computer desk station shall be connected to the 3 nos. 5 Amp socket & Switch with ISI Approved Cable.
3. All the Power supply distribution network 16 Amp Switches (Electric Power Point) and also network Switch to connected with UPS backup.
4. All the Electrical Switches, Computer Network switches provided as per layout of the Computer Lab requirements.

Computer Table with Desk Size:- Length:900mm, Width: 450mm, Height: 750mm, Bottom Trolley for keeping CPU

C– Frame Leg 200mm wide made of aluminium profile and cold rolled close annealed formed sections, having provision for wire management.

Top made of 25mm thick Pre-laminated Particle Board.

Edge beading of edges by Through Feed Machine.

Dotted embossed cable Duct for Electric Provision and Perforated steel modesty panel on visitor's side.

Frame made of cold rolled close annealed Steel Structure.

Use only MIG/TIG & Spot welding for fabrication.

Provision for LAN Cable, Telephone Outlet Boards and 3 Nos 5 Amp -3 Pin Sockets with switches.

All steel components are epoxy powder coated after seven tanks anti corrosion treatment of surface.

The overall appearance of the product shall be as per photograph.

ISO 9001-2015, ISO 14001-2015, ISO 45001:2018, BIFMA, Aiota, Green Guard, Green Pro, All ISO Certificates should be issued by NABCB (National Accreditation Board of certifying Bodies). Authorized agency.

(Approved Make-Godrej/Bonton/Methodex/Wipro/Featherlite.)

Annexure-14   Computer Chair with Handle for Computer Student's Chair

Computer Chair with Handle- Size:-Overall H: 835mm,D:585mm,W: 520mm:
- Back & Seat Moulded Cushion
• Back Outer PPCP
• Crape Tapestry
• PU Handle
• Hot pressed Ply
• Frame Oval Tube 13*31 mm-16g With Powder Coated.

(ISO 9001-2015, ISO 14001-2015, ISO 45001:2018, BIFMA, Aiota, Green Guard, Green Pro, All ISO Certificates should be issued by NABCB (National Accreditation Board of certifying Bodies). Authorized agency)
   -   Indicative Approved Make-Godrej/Bonton/Methodex/Wipro/Featherlite.)

BT Isocele

Annexure-15 – 25 College List

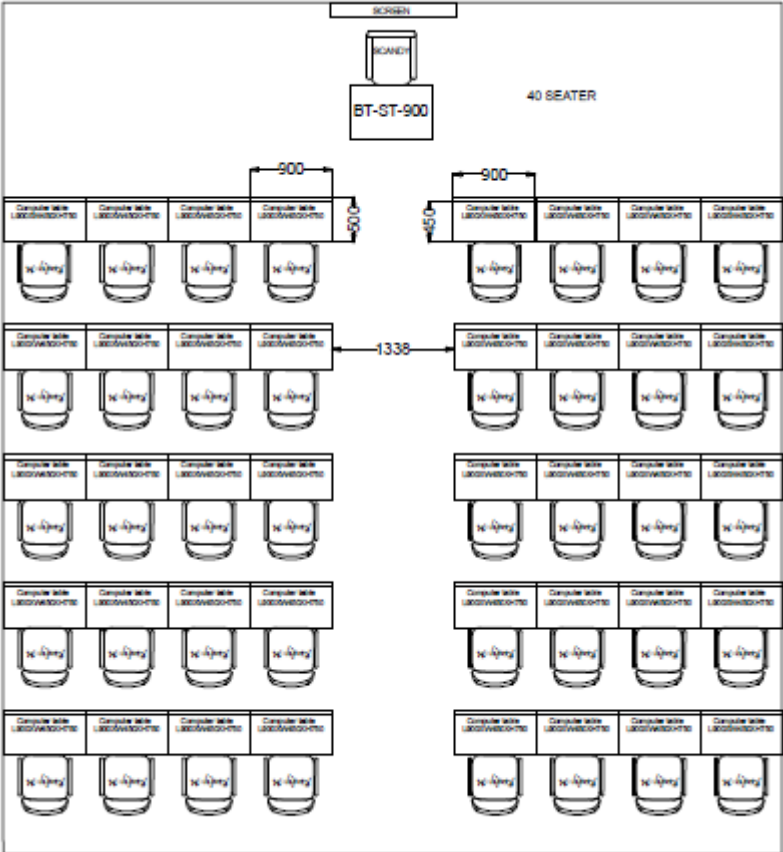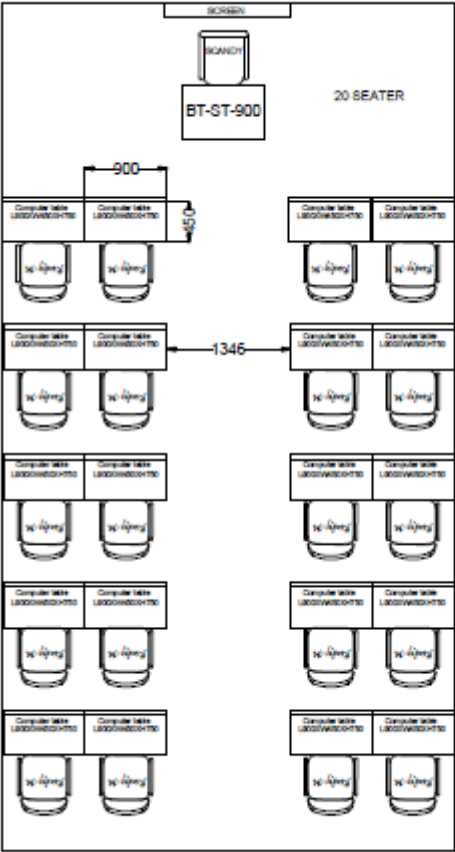**25 Colleges List for the Setting Computer Lab for NAAC Accreditation**

S.No.	College Code	College Details	Divison	District	Room Size In Ft		Computer Room Size in Sq Ft	No Of Seater	Contact Number	Mail Id
1	703	703- Govt College Niwari Tikamgarh	Sagar	Tikamgarh	59	19	1121	40	9926223859	Hegcniwtik @mp.gov.in
2	3501	3501-Rani Durgawati PG college, Mandla	Jabalpur	Mandla	38	25	950	40	9424730881	Hegrdcman @mp.gov.in
3	2804	2804-Govt. Hamidia Arts and Commerce PG College, Bhopal	Bhopal	Bhopal	35	12	420	40	9425080163	Heghaaccbho @mp.gov.in
4	2806	2806-Govt Gitanjali College, Bhopal	Bhopal	Bhopal	30	40	1200	40	7566828453	Hegggpgcbho @mp.gov.in
5	303	303- Govt Srimant Madhavrao SindhiaScience College Gwalior	Gwalior	Gwalior	89.5	45.11	4037.345	40	9425119563	Hegascgwa @mp.gov.in

6	501	501- Govt. Shri Madhavrao Scindia PG College, Shivpuri	Gwalior	Shivpuri	50	25	1250	40	9425019902	leadcollegeshivpu
7	1402	1402-Govt Indira Gandhi Home Science College, Shahdol	Rewa	Shahdol	25	40	1000	40	9893624124	Hegighschssha @mp.gov.in
8	3304	3304- Govt M K B Arts and Commerce College Jabalpur	Jabalpur	Jabalpur	36.63	23.13	847.2519	40	9752011919	hegmkbaaccjab@
9	3202	3202-Govt Home Science Girls P G College, Hoshangabad	Bhopal	Hoshangabad	70	30	2100	40	9425044500	Heghsgpgchos @mp.gov.in
10	1202	1202-Govt Girls PG College, Satna	Rewa	Satna	20	25	500	40	9424355390	Heggcgsat @mp.gov.in
11	1812	1812-Govt. Madhav Science college, Ujjain	Ujjain	Ujjain	80	16	1280	40	9425332158	Prinmvm @yahoo.co.in

12	2012	2012-Govt Science College, Dewas	Ujjain	Dewas	35	20	700	40	9926902731	dewasnewscience
13	701	701-Govt P G College Tikamgarh	Sagar	Tikamgarh	70	29	2030	40	9425379959	Hegpgctik @mp.gov.in
14	2303	2303- Mata Jijabai Girls PG college, Indore	Indore	Indore	22	20	440	40	9826161009	Heggpgcmtind @mp.gov.in
15	2404	2404- Govt Girls College, Badwani	Indore	Badwani	46.63	29.53	1376.9839	40	8319687167	Heggcbad @mp.gov.in
16	3104	3104-Govt College, Bhensdehi	Bhopal	Betul	39	32.5	1267.5	40	7806027493	Hegcbhabet @mp.gov.in
17	2313	2313-Govt. Arts and Commerce College, Rau, Indore	Indore	Indore	44.7	24	4291.2	40	9425191183 , 4 labs	Principalrau @yahoo.com
18	3806	3806-Govt College Katangi Balaghat	Jabalpur	Balaghat	90	40	3600	40	9424352614	Hegckatbal @mp.gov.in

19	2501	2501- Govt Shri Nilkantheshwar P G College Khandwa	Indore	Khandwa	41	16	656	40	9425950404	Hegsnpgckhn @mp.gov.in
20	1002	1002- Govt PG girls college Sagar	Sagar	Sagar	34.77, 41.66	27.55,22.96	1914.4271	40	9425425477	Heggpgcsag @mp.gov.in
21	1201	1201-Govt P.G. College, Satna	Rewa	Satna	30	40	1200	40	9425810266	Hegpgcsat @mp.gov.in
22	2105	2105-Govt. College Petlawad, Jhabua	Indore	Jhabua	30	45	1350	40	9755855905	bhu.madan @gmail.com
23	1506	1506-Govt College, Baidhan	Rewa	Sidhi	42.77	29.61	1266.4197	40	8770216382	Hegcbaisid @mp.gov.in
24	3601	3601- Govt. PG College, chhindwara	Jabalpur	Chhindwara	34	32	1088	40	8770121209	hegpgchi @mp.gov
25	1004	1004-Govt Nehru PG College, Deori	Sagar	Sagar	40	20	800	40	9993406106	hegncdeosag@m

Annexure-16 Indicative Layout for Computer Lab

Annexure-17 : mp tender gov.in Financial Format

Name of the Bidder/ Bidding Firm / Company :									
PRICE SCHEDULE **(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)**									
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In **Figures** To be entered by the **Bidder** Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	12	13	54	55
1	Computer Lab at 25 Colleges with ICT Equipment with Cabling for Internet connectivity , Electrification other related works as per the Scope and Bill Of Materials	1						
1.1	Supply, Installation ,Testing and Commissioning of Computer Lab Systems on Turnkey Basis	2	25	Nos	INR		0.000	INR Zero Only
Total in Figures							**0.000**	INR Zero Only
Quoted Rate in Words		**INR Zero Only**						

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Quoted Currency in INR / Other Currency	BASIC RATE In **Figures** To be entered by the **Bidder** Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	3	4	12	13	54	55
1	**Computer Lab at 25 Colleges with ICT Equipment with Cabling for Internet connectivity , Electrification other related works as per the Scope and Bill Of Materials**	1					
1.1	Desktop Computer Intel i5/AMD Ryzen 5 with Antivirus	2	975	**INR**		0.000	INR Zero Only
1.2	Multi Function Printer with Lan Connectivity to access each Computer	3	25	**INR**		0.000	INR Zero Only

1.3	UPS 10 KVA Online	4	25	**INR**		**0.000**	INR Zero Only
1.4	Interactive Smart Panel 75" with wall Mounted Fixtures and easy access of all I/O ports	5	25	**INR**		**0.000**	INR Zero Only
1.5	High End Desktop i7 (Local Server) with Antivirus	6	25	**INR**		**0.000**	INR Zero Only
1.6	Split AC 2 Ton capacity	7	75	**INR**		**0.000**	INR Zero Only
1.7	24x2 Port L3 Network switch with rack	8	25	**INR**		**0.000**	INR Zero Only
1.8	Operational Passive Cabling (including CAT 6 Cable/ patchcord, RJ45 CAT6E Lan I/O Network Jack + Gang Box + Face Plate , Casing, capping, laying, fixing and any other required item for Completing setting and Commssioining of the system)	9	25	**INR**		**0.000**	INR Zero Only
1.9	Electrification with ISI cabling from Power Distribution Points to Computer Tables (supply, Installation,Testing,	10	25	**INR**		**0.000**	INR Zero Only

	commissioining of UPS and Power supply connecting to computer Table)						
1.10	Supply, Installation of the Portable Fire Extingusigher suitable for ABC Types of Fire 4.5 kg Capacity as IS Specifications		50	**INR**		0.000	INR Zero Only
		11					
1.11	Work Stations , Computer chair including for each Table Electrical 5 Amps 3 Nos with socket Switches, RJ45 I/0, Telecphone Point	12	1000	**INR**		0.000	INR Zero Only
Total in Figures						**0.000**	INR Zero Only
Quoted Rate in Words			**INR Zero Only**				