

**OFFICE OF THE DEPUTY DIRECTOR HIGHER EDUCATION
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No. EDN-HMR(Tender-II)Mukhyamantri Adarsh Vidyalaya/IT/2017 :Dated: 23rd Dec.,2017

“CORRIGENDUM”

Subject :- Revised specification to Tender Notice No. EDN(Tender-II) Mukhyamantri Adarsh Vidyalaya/IT/2017 dated 29.09.2017 for the Supply, Establishment, Installation and Commissioning of Computer Lab Infrastructure works System

Technical Proposal as per the following format

Sr.No.	Name of article	General Description/ Specification	Specification offered
	Server	Latest generation Intel Core i5 or AMD A10 Processor with minimum 3.50 GHz Base frequency or higher RAM 8 GB @ 2133 MHz with 4 DIMM slots with 64 GB expandable support. HDD-01TB, DVD RW, 18.5”LED Monitor, window operating system. Make of PC: Dell/HP/Lenovo/HCL	
1.	Workstations comprising students PCs, along with modern furniture for computer Table & chairs	Latest generation Intel Pentium Dual Core G 4560 or AMD A6 -9500 with minimum 3.50 GHz base frequency or higher.RAM 2GB @ 2133 MHZ with 4 DIMM slots with 32 GB expandability support. HDD 500 GB 7200 RPM. 18.5” LED Monitor, Key Board and Mouse Workstations comprising students PCs along with modern furniture for computer table & chairs.	
2.	LAN equipment	24 port smart switch, 24 x 1 CAT6 patch Panel, RJ 45 connector, necessary electrical items & cables to connect and access device Make of 24 port smart switch: D-Link/DAX/Cisco /HP/HCL	
3.	CCTV Camera	CCTV + wire + DVR + 1 TB internal memory + LED 19.5 inches + implementation along with 02 years onsite replacement	

4.	Projection System Integrated Computer Projector	Projector with HDMI, VGA Port 3000 lumens DLP/LCD short throw projector with wall mount Kit and cables. Computer system:- Intel core-i3 processor with intel chipset Motherboard, 2BG RAM or more, 500GB HDD with extendable port or more. Read & Write capability, 6 USB port, Microphone in, VGA Monitor out for external monitor, Stereo Audio out, Head phone in (front), Ethernet connectivity. Operating system- window 10 Audio:- Internal amplifier with 30W audio, option for connecting external speaker Built in Virtual interactive feature having image processing technology.	
5.	Interactive White Board	Interactive white board 78" diagonal, infrared, finger touch with writing software	
6.	Multifunction Printer	All in one printer having facility of printing, scanning & copying etc. preferable brand Reco/ HP/ Samsung	
7.	UPS	5KVA online UPS with 01 hour backup.	
8.	Anti-virus	Latest Anti Virus software: Quick Heal, Total security, McAfee.	
9.	Warranty	Comprehensive warranty for 03 years.	
10.	Metallic cabinet/ server room	Lockable housing facility for the keep & safety of the desktop/ CPU/ UPS/ Keyboard /Mouse /Remote	

BILL OF QUANTITY WITH SPECIFICATIONS

S.No	Item	Minimum Specifications	Quantity per School
1.	Earthing (as per IS Specifications)	Copper plate earthing stations making earthing with copper earth plate 600 x 600 x3 mm thick including funnel, charcoal/coke, salt, all earth work.	01
2.	Lighting (ISI mark)	40W Tube Light with Electronic Choke / CFL Bulbs (ISI Mark)	02
3.	Wall Mounted Fans (ISI Mark)	Preferable Brands: Orient/Crompton Greaves / Khaitan /Bajaj/ Havells	02
4.	Exhaust Fans (ISI Mark)	300mm sweep, 45 Watts, Speed 1330 RPM Indicative Brands: Orient/Crompton Greaves /Khaitan /Bajaj/ Havells	01
5.	Switches and Sockets (ISI Mark)	5 A- 240 V switches 18	18
		2 in 1 5A and 15A Sockets 18	
		15 A – 240 V socket with Shutter	02
		Indicative Brands: - Anchor / Havells / crabtree / Wipro /Phillips / Legrand Switches and sockets is to be provided for all	

		electronics/IT equipments including printer and Projection System to be placed at lab technician table	
6.	Wiring (ISI Mark)	PVC conduits including MS/GI boxes All wires should be covered, insulated and properly clamped. Wiring for 5 and 15A power outlets with 4 mm ² PVC insulated stranded copper conductor wires Earthing of 3 rd pin with PVC insulated green color 2.5 mm ² copper wire	Full lab
7.	LAN Switch & CAT-6 Cabling	Standard 24-port unmanaged switch with CAT-6 cabling (in casing capping) for all the nodes	1
8.	Painting	The surface of Wall and Ceiling to be painted, shall be prepared to the satisfaction of consignee with 2 coats of primer and then with 2 coats of distemper paint of standard make as approved by consignee.	Full Lab
9.	Vinyl Flooring	Minimum 1 mm thickness	Full Lab
10.	Curtains for Window & Doors	To maintain proper darkness in the Lab / Classroom during Projection	Full Lab
11.	Wall Clock	ISI Mark	1

Sd/-

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