

### तर्चे या भीता यहूष या श्रीया जया श्रीया हो। SAMTSE COLLEGE OF EDUCATION



### STANDARD BIDDING DOCUMENT

# **Supply of ICT Equipment & Items** for 2025-2026

(Samtse College of Education)



Royal Government of Bhutan Ministry of Finance 2023





# यर्चैया.भीजायहूष.याश्च्या.जया.श्च्रीय.की

### **SAMTSE COLLEGE OF EDUCATION**



1	Package	5
2	Quotation	Supply of ICT Equipment & Items for 2025-2026
3	Last date of submission	2 <sup>nd</sup> July,2025 at 2.00pm
4	Place of submission	Office of Store In-Charge
5	Date of opening	2 <sup>nd</sup> July, 2025 at 2.30pm
6	Place of opening	Conference Hall
7	EMD	Nu. 12000 (Twelve Thousand only)



# तच्याः मुलातहेवायुंगालयाः र्सेनाः से

#### SAMTSE COLLEGE OF EDUCATION



### **Supply of ICT Equipment & Item for 2025-2026**

#### TERMS AND CONDITIONS

- 1. The rates quoted shall be CIF Samtse College of Education for the **Supply of ICT** Equipment & items for 2025-2026. Generally, the rates quoted shall be inclusive of all charges/levies/taxes which the suppliers shall bear.
- 2. The quotation should be accompanied by the valid trade license issued by the Ministry of Economic Affairs and the Tax Clearance Certificate issued by the Department of Revenue and Customs, Royal Government of Bhutan, as the enclosure. Quotation without a valid trade license and tax certificate as enclosure shall be rejected.
- 3. The tender shall be accompanied by an application to the PRESIDENT, Samtse College of Education.
- 4. Sealed envelopes containing the quotation shall be marked **Original** and **Duplicate** in separate envelopes. The quotation will be opened in the Conference Hall, Samtse College of Education on 2<sup>nd</sup> July 2025 at 2.30 PM.
- 5. The rates quoted shall be valid for a period of 12 months from the date of quotation.
- 6. Goods should be supplied within 30 days from the date of issue of the purchase order.
- 7. Earnest money of Nu.12000.00 (Twelve thousand) only should be furnished in the form of Bank Draft in favor of the **PRESIDENT**, Samtse College of Education. *Ouotation without earnest money shall be rejected.*
- 8. The College reserves the right to vary the quantity up to 10% on the same terms and conditions.
- 9. All equipment supplied must be as per the specification and any fake item noticed shall be rejected, returned at the supplier's cost and shall be dealt with as per Clause 18 of the terms and conditions.
- 10. The College reserves the right to reject all or any tender without assigning any reason.
- 11. If the supplier fails to supply the required quality and quantity of goods, the College Administration will forfeit the earnest money and terminate the contract without any explanation and the supply order will be given to the next evaluated lowest bidder.





## <u>तर्चिमाक्</u>चिलात्रह्में सम्बद्धिमालमार्स्स्रेनास्थे

#### SAMTSE COLLEGE OF EDUCATION



- 12. Failing to submit the quotation within the submission dateline shall be declared as 'late' and rejected. The same would be returned unopened to the supplier.
- 13. The rules and regulations for the establishment and operation of Industrial and Commercial ventures must be adhered to with regard to the establishment of license ventures.
- 14. The rates should be quoted against the specification provided and failing to quote in conformity with the specification shall be disqualified for evaluation.
- 15. The purchaser shall not be responsible for any damage, loss or due incident that occurred during the transportation. The supplier will be fully responsible for making them good at his own cost.
- 16. The supplier should have a warranty of one year from the date of delivery.
- 17. The supplier should be able to supply the material immediately during the time of emergency and if the bidder fails to supply the required material the bidder shall bear the expenses to purchase from another supplier for the College, Samtse.
- 18. The committee will directly reject the tender if the supplier supplies duplicate/fake or compromised material and the College Administration will forfeit the earnest money and terminate the contract without any explanation and the supply order will be given to the next evaluated lowest bidder.
- 19. If the selected bidder fails to supply the goods within the stipulated time, the liquidated damages of Nu.0.1% per day of the bill amount will be imposed.
- 20. Pursuant to the condition above, the second-lowest bidder at his quoted rate shall be asked to supply the goods after submitting performance security to the College Administration.
- 21. The performance security retained with the College shall be refunded to the concerned supplier after the completion of the supply of goods.
- 22. The College will process the bills for payment only upon complete delivery of the goods to the College.
- 23. Decision taken by the College Tender Committee will be final and binding.
- 24. In addition to the terms and conditions mentioned above, all other relevant regulations of the **Procurement Rules and Regulation 2023**, shall apply where specific mention is not made.





### यर्चैया.भीजायहूष.चाश्च्या.जचा.ध्र्यूच.की

### **SAMTSE COLLEGE OF EDUCATION**



### **List of ICT Equipments for 2025-2026**

SI.			Unit Price	
No	<b>Description of Items</b>	Make/Brand	(Nu.)	Remarks
1	Computer Parts & Accessories			
2	External SSD 1TB			
3	Internal HDD 8 TB			
4	USB Mouse (Good Quality)			
5	USB Keyboard (Good Quality)			
6	Standard VGA Card			
7	10GB Dual port PCI-express 2.0x8 Ethernet Expansion Card			
8	1GB Dual port PCI-express 2.0x8 Ethernet Expansion Card			
9	Standard 10/100/1000Mbps LAN Card			
10	VGA Cable 15m			
11	HDMI Cable 15m			
12	CMOS Battery			
13	SMPS for Dell Optiplex 3060/3080			
14	SMPS for Dell Precision 3650 Tower			
15	USB thumb Drive (8 & 16 GB)			
16	HDMI Splitter (One Input and three ore more outputs)			
17	VGA Splitter (One Input and three ore more outputs)			
18	two side usb Universal Micro USB(5m)			
19	HDMI to Mini HDMI Cable 10m for Canon EOS 5D Mark IV Camera			
20	Flash For Canon EOS 5D Mark IV Camera (Speedlite or Equivalent)			
21	128GB Ultra SDXC UHS-I Memory Card (180 MB/s read speed)			
	LCP Projector (Epson EB-S49 or Equivalent)			



### यर्चैया.भैजायहूष.चाश्च्या.जया.भूच.की

### **SAMTSE COLLEGE OF EDUCATION**



	• Light Output: 3,600Lumens		
	• Warranty: 2 Year(s)		
	• Features: Convenient Connection		
	to a Document Camera, Direct Display		
	from USB, Eco Friendly, HDMI		
	Connectivity, High Contrast Ratio,		
	Horizontal Keystone Adjuster, IR		
	Receivers, Wireless Transmission		
	• Audio: Mono		
	• Life of Lamp - Full Usage:		
	6000Hours		
	• Life of Lamp - Eco Usage: 12000Hours		
	• Screen Coverage: 30-350 Inches		
	• Contrast Ratio: 16000:1		
	• Throw Ratio: 1.38:1 - 1.65:1		
	• Resolution: SGA(1024x768)		
	Audio Output: 1 Watts		
	Projector Lens: No Optical		
	Zoom-Focus Manual		
3	Projector Lamps		
3.1	EPSON LAMP (EB-S31)		
3.2	EPSON LAMP (EB-S42)		
	Presenter Remote(Logitec or		
4	equivalent)		
5	<b>Heavy Duty Printers</b>		
	Features: Auto Duplex Printing		
	Printer Type: Black and White		
	<b>Printing Technology</b> : Laser		
	<b>Print Resolution:</b> 1200x1200 DPI		
	Print Speed Black: 45 PPM		
	Paper Size: A4, Letter		
	Paper Tray: standard 500 Sheets		
1	<b>Network Interface and Connectivity:</b>		
	LICD II LICD A A II' 1 C 1		
	USB Host, USB 2.0 High-Speed,		
	10BASE-T/100 BASE-TX/1000BASE-		
	10BASE-T/100 BASE-TX/1000BASE- T Build-in Fast Ethernet		
	10BASE-T/100 BASE-TX/1000BASE- T Build-in Fast Ethernet <b>Duty Cycle</b> : 100000 Pages per month		
5.1	10BASE-T/100 BASE-TX/1000BASE- T Build-in Fast Ethernet		



### यर्चैया.भैजायहूष.चार्श्वतालवा.ध्र्यूच.क्री

### **SAMTSE COLLEGE OF EDUCATION**



6	<b>Multi Function Printer</b>		
	System speed A4: Up to 36 ppm		
	System speed A3: Up to 18 ppm		
	Autoduplex speed A4: Up to 36 ppm		
	Imaging technology: Laser		
	Panel size/resolution: 7" / 800 x 480		
	System memory: 2,048 MB / 4,096 MB		
	(standard/max)		
	System hard drive: 250 GB (standard)		
	Interface: 10/100/1,000-Base-T		
	Ethernet; USB 2.0; Wi-Fi 802.11		
	b/g/n/ac (optional)		
	Network protocols: TCP/IP (IPv4 /		
	IPv6); SMB; LPD; IPP; SNMP; HTTP		
	Paper input capacity: 1,100 sheets /		
	3,600 sheets (standard/max)		
	Toner lifetime: Black up to 23,000		
	pages		
	Print resolution: 1,800 (equivalent) x		
	600 dpi		
	Operating systems: Windows,		
	Windows Server, macOS, Unix, Linux,		
	Citrix		
	Scan speed: Up to 45/45 ipm in simplex		
	(mono/colour)		
	Scan resolution: Up to 600 x 600 dpi		
	Scan modes:Scan-to-eMail, Scan-to-		
	SMB, Scan-to-FTP, Scan-to-Box,		
	Scan-to-USB, Scan-to-WebDAV,		
	Scan-to-DPWS, TWAIN scan		
	File formats: JPEG, TIFF, PDF,		
	Compact YPS, PPTY		
	Compact XPS, PPTX  Soon destinations: 2 000 destinations +		
	Scan destinations: 2,000 destinations +		
	100 groups; LDAP support		
	Copy resolution: 600 x 600 dpi		
	Gradation: 256 gradations		
	Multicopy: 1-9,999		
	Original format: Max. A3		

Samtse College of Education

: 05 365391(President) 365274 (Adm) 365273 (Office) 365363 (Fax) P.O Box No. 329



### यर्चैया.भैजायहूष.चार्श्वतालवा.ध्र्यूच.क्री

### **SAMTSE COLLEGE OF EDUCATION**



	Magnification: 25-400% in 0.1% steps; Auto-zooming		
	Fax transmission: Analogue; i-Fax; Colour i-Fax; IP-Fax Fax resolution: Up to 600 x 600 dpi Fax compression: MH; MR; MMR; JBIG Fax modem: Up to 33.6 Kbps Fax destinations: 2,000 single + 100 groups		
7	Back-UPS		
7.1	APC-UPS Backup RS 1100		
8	PowerStrip		
8.1	Universal PowerStrip (15amp) with AC noise filter		
9	Computer repairs and maintenance		
9.1	IP (for wash board)		
9.2	Laptop battery Tester/Charger		
9.3	Laptop Repairing Tools Kits		
9.4	Digital Multimeter (kusum maco)		
9.5	Velleman VTMUS2 Crimping Tool Kit for Network Cables		
9.6	Ethernet cable Tester		
9.7	Complete 8-in-1 Network Tool Kit		
	RJ45 Crimping Tool Network Tool Kit for Cat5 Cat5e Cat6, 10 in 1 Portable Ethernet Cable Crimper Kit for Rj45/Rj11/Rj12, 8p8c Ethernet Tool Kit Cat5 Cat6 Cable Tester, Punch Down Tool		
10	Epson ELPAP10 Wireless Dongle		



### यर्चैया.भैजायह्रय.याश्च्या.जया.ध्र्याय.की

### **SAMTSE COLLEGE OF EDUCATION**



	This high-speed, wireless network adapter plugs directly into select Epson projectors allowing quick and easy access to the LAN or peer-to-peer networks without wires or cables.  When used with Epson EasyMP Monitor and Network Projection software, users can remotely access and control projectors over the wireless LAN.  • Compliant with 802.11 b/g/n standards  • Uses USB type A connector  • Compatible with PC or Mac  • Able to transmit audio  • Model: V12H731P02		
11	Fiber Patch panel (LIU Loaded)		
11.1	12 ports		
11.2	24 ports		
11.3	48 port		
12	Switch rack		
12.1	Switch rack 9U		
13	Fiber patch code		
13.1	Single mode, 3M SC-to-LC		
13.2	Single mode, 3M LC-to-LC		
14	R45 Connectors		
14.1	R45 Connectors		
15	UTP cable		
15.1	Cat6e indoor		
15.2	Cat6e outdoor		
15.3	Armored fiber optic cables (in meter)		

Samtse College of Education

**SFP Module** 

16



## यर्चैया.भैजायहूष.चार्श्वतालवा.ध्र्यूच.की

### **SAMTSE COLLEGE OF EDUCATION**



	• SFP module, 1.25G, SM 1310nm,		
	• Flexible architecture (Should be compatiable with major brands of		
	switch)		
	<ul><li> Hot-swappable</li><li> RoHS compliant</li></ul>		
	• Compliant to SFP+ Electrical MSA		
	SFF-8431		
16.1	• Compliant to SFF-8472 MSA		
17	Wireless Access Point - Indoor & Outdoor (Unifi or Equivalent)		
27.1	UAP U6 Pro or U7 Pro PoE Adapter: Yes		
17.2	PoE Adapter for Unifi Indoor AP output of 48V UPOE-af		
18	Switches		
18.1	Core switch (Allied Telesis AT-x230-28GP/Equivalent)		
18.1.1	Managed Switch with 24 x 10/100/1000T PoE ports and 4 x 100/1000X SFP ports - 3 years replacement warranty		
18.1.2	Managed Switch with 24 x 10/100/1000T ports and 4 x 100/1000X SFP ports - 3 years replacement warranty		
18.2	Edge Switch (Allied Telesis AT-x230- 18GP/Equivalent)		
	Managed Switch with 16 x 10/100/1000T PoE ports and 2 x		
18.2.1	100/1000X SFP ports - 3 years replacement warranty		



## यर्चैया.भैजायह्रय.चाश्च्या.जया.ध्र्यान.ङ्गी

### **SAMTSE COLLEGE OF EDUCATION**



18.3	Edge Switch (Allied Telesis AT-x230-10GP/Equivalent)	
18.3.1	Managed Switch with 8 x 10/100/1000T PoE ports and 2 x 100/1000X SFP ports - 3 years replacement warranty	
18.3.2	Managed Switch with 8 x 10/100/1000T ports and 2 x 100/1000X SFP ports - 3 years replacement warranty	

19	Camera & Microphone (compatible with MAXHUB Interactive Panel)		
19.1	4K USB/HDMI Video Conference System -: Camera, Microphone, and Speaker Bar for Large Conference Rooms - Presenter Tracking, NoiseBlock AI + Echo Cancellation, Intelligent Facial Detection and Auto Framing, 12MP camera with 10x digital zoom, Ultra-wide 120-degree field of view, 8 meters clear pickup distance, 25 feet Expansion microphone - Teams/Zoom Certified. System Stand: Yes, 2 years replacement warranty		

20	pfSense hardware		

Samtse College of Education

: 05 365391(President) 365274 (Adm) 365273 (Office) 365363 (Fax) P.O Box No. 329



## यर्चैया.भीजायहूष.चाश्च्या.जया.ध्र्यूच.की

### **SAMTSE COLLEGE OF EDUCATION**



• CPU: Intel "Xeon-DE" D-1537, 1.7		
GHz FCBGA 1667 supported SoC		
• Standard: Standard 1U rack mount		
• CPU Cores: 8		
• Memory: 32 GB ECC UDIMM		
• Storage: 256 GB M.2 SSD		
• Network Interfaces: Dual LAN via		
Intel® i350-AM2 1 Gigabit • •		
Ethernet, Dual LAN via SoC 10GbE		
SFP+, Virtual Machine • • • Device		
Queues reduce I/O overhead, Supports		
10GbE (SFP+), 100BASE-TX, and		
1000BASE-T (RJ45), 1x Realtek		
RTL8201N •PHY		
(dedicated IPMI)		
•Network Expansion: 4-Port Intel GbE		
and 2-port Chelsio SFP+ Expansion		
•USB Ports: 2x 3.0 ports		
•Console Port: VGA		
•Case: Standard 1U rack mount		
•Cooling: Active		
•License for Software: Free and Open		
Source Software. No license or		
subscription fee		
•Warranty Period: Three years		
•Equivalent to XG-1537 MAX		
pfSense+ Security Gateway		

21	Cartridge		
21.1	HP Color Laser Jet Pro M452dn Tonner, Set of 4 - (CF410A, CF411A, CF413A, CF412A)		
21.2	Prima 8 card printer- CX-D80 9YMCK Dye film and Retransfer film set)		
21.3	Epson L1300 tonners set		

Samtse College of Education

: 05 365391(President) 365274 (Adm) 365273 (Office) 365363 (Fax) P.O Box No. 329

12