# **CORRIGENDUM-1**

## Ref. No. IIT(BHU)/IPCELL/2024-25/CCTV/329

#### Dated : 23.08.2024

Consequent upon the Pre-Bid meeting held on 21.08.2024 in reference to Tender Ref. No. : IIT(BHU)/IPCELL/2024-25/CCTV/317 for Campus Surveillance System: Supply, Installation, Testing, Commissioning and Maintenance at IIT (BHU) Varanasi, the following amendments are incorporated in aforesaid Tender Document. The Referred content in Col. No. 2 and 3 may be read as appended in Col. No. 4:

Sl. No. (1)	Page no. (2)	Content mentioned in Tender document (3)	Referred content should be read as (4)
1	Page no. 3,4, 33, 35, 70		Campus Surveillance System: Supply, Installation, Testing, Commissioning and Maintenance at IIT (BHU) Varanasi
2	Point no. 14, Page no. 15	The payment shall be made 100% payment against Supply, Installation and Commissioning and submission of satisfactory PBG	-
3	Point no. 3, Page no. 20 & Point no. 3 Page no. 27	The bidder must have executed One similar Order of Rs. 8 Crores or Two similar orders of Rs. 5 Crores of total project value of CCTV Surveillance, in last five years in one of any	The bidder must have executed One similar Order of Rs. 8 Crores or Two similar orders of Rs. 5 Crores of total project value of CCTV Surveillance during 2019-20, 2020-21, 2021-22,

		IITs/IISc/IIM/IISER/NIT/IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/Government Offices/PSUs directly with minimum 100 outdoor CCTV cameras setup. The order(s) must be directly in favor of the bidder only.	2022-2023, 2023-24 in one of any IITs/IISc/IIM/IISER/NIT/ IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/Government Offices/PSUs directly with minimum 100 outdoor CCTV cameras setup. The order(s) must be directly in favor of the bidder only.
4	Point no. 5, Page no. 20 & Point no. 5 Page no. 27	The Bidder should have an average annual turnover of Rs. 25 Crore or more during the last 3 financial years ending FY 2024, i.e., 2021-22, 2022-23, 2023-24	The Bidder should have an average annual turnover of Rs. 25 Crore or more during 2020-21, 2021-22, 2022-2023 (in Annexure IX).
5	Point no. 6, Page no. 20 & Point no. 6 Page no. 27	<ul> <li>certifications</li> <li>a) ISO 9001:2008/ ISO 9001:2015 for Quality Management System or latest</li> <li>b) ISO 20000:2011 for IT Service Management or latest</li> </ul>	<ul> <li>b) ISO 20000:2011 for IT Service Management or latest</li> <li>c) ISO 27001:2013 for Information Security Management System or latest</li> <li>Further, the Bidder/OEM must also have CMM Level 3 or more certified company</li> </ul>
6	Point no. 7, Page no. 20 & Point no. 7 Page no. 27	-	Bidders must have positive net worth and should be profit making in each financial year 2020-21, 2021-22, 2022-2023 (in Annexure IX)
7	Point no. 10, Page no. 21 & Point no. 10, Page no. 27	Certificate as per Annexure-V, VI, VII and VIII on the letterhead of the company must be uploaded	Certificate as per Annexure V to Annexure X
8	Page no. 77, Declaration of Local Content	It is mandatory for bidders to quote items having local content minimum 20%.	It is mandatory for bidders to quote items having minimum local content as per Govt. of India guidelines.

9	Point no. 5, page no. 26	Have you executed the similar nature of work during 2023-24, 2022-23, 2021-22 in IITs/IISc/IIM/IISER/NIT/IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/ Government Offices/PSUs	Have you executed the similar nature of work during 2019-20, 2020-21, 2021-22, 2022-2023, 2023-24, in IITs/IISc/IIM/IISER/NIT/IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/Government Offices/PSUs			
10	Point no. 7 Page no. 22	1 1				
11	Point no. 9(e), Section 7, page no. 29	purchase orders executed during 2021-22, 2022-23, 2023-24 in IITs/IISc/IIM/IISER/ NIT/ IIIT/Govt. Autonomous Bodies/Central or State	Copy of similar relevant major purchase orders executed during 2019-20, 2020-21, 2021-22, 2022-2023, 2023-24 in IITs/IISc/IIM/IISER/NIT/IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/ Government Offices/PSUs.			
12	Annexure III, Section 9, Page no. 72	orders of identical or similar equipment supplied to any IITs/IISc/IIM/IISER/ NIT/IIIT/Govt. Autonomous Bodies/ Central or State Govt. University/ Govt. Research Organizations/Government	The bidder give the details of purchase orders of identical or similar equipment supplied to any IITs/IISc/IIM/IISER/ NIT/IIIT/Govt. Autonomous Bodies/Central or State Govt. University/ Govt. Research Organizations/Government Offices/PSUs as per below Format for the period of 2019-20, 2020-21, 2021-22, 2022-2023, 2023-24			
13	Point no. 47 Page no. 68	<ul> <li>Manpower (Skilled) for 60 months</li> <li>1. AI Engineer (B.E./B.Tech) with 2 years experience in relevant domain: 02</li> <li>2. Network Engineer (B.E./B.Tech) with 2 years' experience in relevant domain: 01</li> <li>3. Network Operator (diploma or equivalent in technical domain) with 2 years experience in relevant</li> </ul>	subjects of Computer Engineering/ Electronics Engineering / Electrical Engineering) with 2 years experience in relevant domain of AI: 02			

		domain: 04 4. Field operator (Graduate) with 2 years experience in relevant domain: 01	<ul> <li>Computer Engg./ Information Technology/ Data Science /Artificial Intelligence/All computer related subjects of Computer Engineering/ Electronics Engineering / Electrical Engineering) with 2 years experience in relevant domain of Networking: 01</li> <li>3. Network Operator (diploma or equivalent in technical domain) with 2 years experience in relevant domain of Networking: 04</li> <li>4. Field operator (Graduate) with 2 years experience in relevant domain: 01</li> </ul>			
14	Point no. 19, Page no. 24	New Addition	Those bidders who will claim EMD Exemption are required to fill and upload Bid Securing Declaration as per Annexure X			
15	Section 4 Page 21 & Compliance sheet, Page 27	New Addition	13. The CCTV and VMS should be from the same OEM (Supporting documents to be uploaded with technical bid)			
16	Point no. 6, Page no. 73	EMD and Tender fee submission proof	EMD/Bid Securing Declaration and Tend fee submission proof			
17	Point no. 7, Page no. 73	Certificate as per Annexure VI, Annexure VII, VIII on the letterhead of the company	Certificate as per Annexure II to Annexure X.			
18	Critical Data Sheet, Page No. 3	Rs. 25 lakhs (For EMD) (To be paid through RTGS/NEFT)	Rs. 25 lakhs (For EMD) [To be paid through RTGS/NEFT/Bank Guarantee (in the given format only)].			
19	Page no. 35	Port Fiber. General Features : Switch should be 1U and rack mountable in standard 19" rack. Switch should have minimum 2GB RAM and 4GB Flash. Performance :	SITC of 8 Port PoE Switch with 2 Port Fiber. General Features : Switch should be 1U and rack mountable in standard 19" rack. Switch should have minimum 2GB RAM and 4GB Flash. Performance : Switch shall have minimum 60 Gps of			

switching fabric and 44 Mpps of	
e	forwarding rate. Should be non-blocking
non-blocking and provide wirespeed	
forwarding rate.	Switch shall have minimum 32K MAC
Switch shall have minimum 32K MAC	
Addresses and 4000 VLAN IDs	Should support minimum 10K IPv4 routes
Should support minimum 10K IPv4	or more
routes or more	Switch shall have 1K or more multicast
Switch shall have 1K or more multicast	routes.
routes.	Switch should support atleast 16K flow
Switch should support atleast 16K flow	entries
entries	Switch should have 6MB or more packet
Switch should have 6MB or more	buffer.
packet buffer.	Functionality :
Functionality :	Switch should support IEEE Standards of
5	Ethernet: IEEE 802.1D, 802.1s, 802.1w,
11	802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q,
	802.3, 802.1ae, 802.3u, 802.3ab, 802.3z.
	Switch must have functionality like static
802.3ab, 802.3z.	routing, RIP, REP, PIM, OSPF, VRRP,
Switch must have functionality like	
static routing, RIP, REP, PIM, OSPF,	
_	segmentation that overcomes the limitation
Day1.	of VLANs using VXLAN and VRFs.
5	Switch shall have 802.1p class of service,
	marking, classification, policing and
limitation of VLANs using VXLAN	
and VRFs.	Switch should support management
-	features like SSHv2, SNMPv2c, SNMPv3,
	NTP, RADIUS and TACACS+.
	Switch should support IPv6 Binding
queues.	Integrity Guard, IPv6 Snooping, IPv6 RA
	Guard, IPv6 DHCP Guard, IPv6 Neighbor
	Discovery Inspection and IPv6 Source
, , ,	Guard.
TACACS+ .	Switch should support 802.1x
General Features :	authentication and accounting, IPv4 and
Switch should be 1U and rack	IPv6 ACLs and Dynamic VLAN
mountable in standard 19" rack.	assignment and also have support for
Switch should have minimum 2GB	MACSEC-128.
RAM and 4GB Flash.	Switch must have the capabilities to enable
Performance :	automatic configuration of switch ports as

		1
Switc	h shall have minimum 60 Gps of	devices connect to the switch for the
switch	ning fabric and 44 Mpps of	device type.
forwa	rding rate. Should be	Interface and Power
non-b	locking and provide wirespeed	Switch shall have 8 nos. 10/100/1000
forwa	rding rate.	POE+ ports and additional 2nos of 1G
Switc	h shall have minimum 32K MAC	Base-T and 2 nos. of 10G SFP+ uplinks
Addre	esses and 4000 VLAN IDs	ports.
Shoul	d support minimum 10K IPv4	Switch should have 240W of Power
routes	or more	Budget.
Switc	h shall have 1K or more multicast	Certification:
routes		Switch shall conform to UL 60950 or IEC
Switc	h should support atleast 16K flow	60950 or CSA 60950 or EN 60950
entrie	••	Standards for Safety requirements of
		Information Technology Equipment.
		Switch shall conform to EN 55022 Class
1	y from day 1.	A/B or CISPR22 Class A/B or CE Class
		A/B or FCC Class A/B Standards for EMC
	and 2 GB Flash.	(Electro Magnetic Compatibility)
	h should have dedicated slot/Ports	
		SITC of 24 Port PoE Indoor Switch with 4
	uplink ports. Should support for	
	um 80 Gbps of stacking	-
	hput with 8 switch in single stack.	-
	mance :	Switch should be 1U and rack mountable
	h shall have minimum 128 Gbps	
		Switch should support internal field
	rding rate.	replaceable unit redundant power supply
	h shall have minimum 16K MAC	2
	esses and 250 active VLAN.	Switch should have minimum 2 GB RAM
	d support minimum 11K IPv4	
	or more	Switch should have dedicated slot/Ports for
		modular stacking, in addition to asked
routes		uplink ports. Should support for minimum
		80 Gbps of stacking throughput with 8
entrie		switch in single stack.
Swite	h should support 128 or more STP	Performance :
Instan	ices.	Switch shall have minimum 128 Gbps of
Swite	h should have 6MB or more	switching fabric and 95 Mpps of
packe	t buffer.	forwarding rate.
Funct	ionality :	Switch shall have minimum 16K MAC
Swite	h should support IEEE Standards	Addresses and 250 active VLAN.
of E	thernet: IEEE 802.1D, 802.1s,	Should support minimum 11K IPv4 routes

802.1w, 802.1x, 802.3ad, 802.3x,	
802.1p, 802.1Q, 802.3, 802.1ae, 802.3u,	Switch shall have 1K or more multicast
802.3ab, 802.3z.	routes.
Switch must have functionality like	Switch should support atleast 16K flow
static routing, RIP, PIM, OSPF(1000	entries
routes), VRRP, PBR and QoS features	Switch should support 128 or more STP
from Day1	Instances.
Switch should support network	Switch should have 6MB or more packet
segmentation that overcomes the	buffer.
limitation of VLANs using VXLAN	Functionality :
and VRFs	Switch should support IEEE Standards of
Switch shall have 802.1p class of	Ethernet: IEEE 802.1D, 802.1s, 802.1w,
_	802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q,
policing and shaping and eight egress	
queues.	Switch must have functionality like static
	routing, RIP, PIM, OSPF(1000 routes),
	VRRP, PBR and QoS features from Day1
	Switch should support network
TACACS+.	segmentation that overcomes the limitation
Switch should support IPv6 Binding	0
	Switch shall have 802.1p class of service,
RA Guard, IPv6 DHCP Guard, IPv6	
Neighbor Discovery Inspection and	
IPv6 Source Guard.	Switch should support management
	features like SSHv2, SNMPv2c, SNMPv3,
authentication and accounting, IPv4 and	
_	Switch should support IPv6 Binding
-	Integrity Guard, IPv6 Snooping, IPv6 RA
hardware for all ports.	Guard, IPv6 DHCP Guard, IPv6 Neighbor
1	Discovery Inspection and IPv6 Source
enable automatic configuration of	
switch ports as devices connect to the	
switch for the device type.	authentication and accounting, IPv4 and
Interfaces	IPv6 ACLs and Dynamic VLAN
	assignment and MACSec-128 on hardware
Base-T PoE ports and additional 4 nos.	-
SFP+ uplinks ports.	Switch must have the capabilities to enable
	automatic configuration of switch ports as
	devices connect to the switch for the
PoE power budget of 370 W.	device type.
Certification:	Interfaces
	Switch shall have 24 nos. 10/100/1000
Switch shall comorni to UL 00930 OF	Switch Shall have 24 hos. 10/100/1000

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		Standards for Safety requirements of Information Technology Equipment. Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements. Switch / Switch's Operating System should be tested for EAL 2/NDPP or above under Common Criteria Certification.	All 24 port should support PoE (802.3af) and PoE+ (802.3at) with a PoE power budget of 370 W. Certification: Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment. Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements. Switch / Switch's Operating System should be tested for EAL 2/NDPP or above under Common Criteria Certification. OEM should be listed in Gartner Leader
			Common Criteria Certification.
20	Point no. 4, Page no. 20 & Point no. 4 Page no. 27	manufacturer authorization certificate for this specific Tender by clearly mentioning the Tender Ref. No. and	The bidder must have a valid manufacturer authorization certificate for this specific Tender by clearly mentioning the Tender Ref. No. and Name of Tender issued from OEMs of CCTV, Switches, UPS, Fire alarm system etc

NOTE:

- 1. The bidder must ensure before uploading their bid that they have filled all the required information in the formats mentioned in the tender document.
- 2. The bidder must also ensure that their quoted product meets the latest guidelines of Govt. of India related to that product category. Bidder shall be fully responsible for this.
- 3. The bidder should also ensure pagination in each page of their bid document.
- 4. Those bidders who have uploaded Bank Guarantee for EMD, the Original Bank Guarantee of the same must be delivered in the Institute before closing date and time of this tender (as per Critical Data Sheet) failing which their bid shall not be considered for evaluation purpose. Bidder shall be fully responsible for this, IIT (BHU) shall not be responsible for any kind of postal delay. Further, the envelope should be delivered to the Chairperson, Campus Surveillance System, Institute Purchase Cell, Indian Institute of Technology (Banaras

Hindu University), Varanasi – 221005, U.P. The envelope must contain the Tender ref. no., name of Tender, and the details of bidder with complete address.

5. The Scope of Work includes Warranty of the entire deployed system for 5 years post acceptance of deployment and declaration of Go-Live.

The remaining content of the Tender will remain unchanged.

Sd/-(CHAIRPERSON) CAMPUS SURVEILLANCE SYSTEM IIT (BHU), VARANASI

# FINANCIAL STRENGTH OF THE ORGANIZATION

(To be certified & validated by Chartered Accountant (CA) of the bidder's organization. CA certified document with name of CA registration number, signature and stamp)

SI. No.	Financial Year	Whether profitable (Yes/No)	Annual net profit (in Crores of Rs.)	Overall annual turnover (in Crores of Rs.)
1	2020-21			
2	2021-22			
3	2022-23			

Note: Please enclose the auditor's certificate in support of your claim.

# **BID SECURING DECLARATION FORM** (Letterhead of the bidder)

То

The Chairperson Campus Surveillance System Institute Purchase Cell Indian Institute of Technology (Banaras Hindu University) Varanasi-221005

I/We. The undersigned, declare that:

I/We understand that bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with IIT(BHU), Varanasi for a period of two years from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity or its extended period, if any; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
- (i) fail or refuse to execute the contract, if required, or
- (ii) fail or refuse to furnish the Performance Bank Guarantee, in accordance with the Instructions to Bidders.
- c) If the bidder is found indulging in any corrupt, fraudulent or other malpractice in respect of the bid; or
- d) If there is a discrepancy between words and figures quoted by the bidder then in that case the amount quoted in words will be treated as final.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed:

(Insert signature of person whose name and capacity are shown in Bid Securing Declaration) Name:

(insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of

(insert complete name of Bidder)

Dated on ......day of .....(insert date of signing)

Corporate Seal (where appropriate) (Note: In case of a consortium, the Bid Securing Declaration must be in the name of all partners to the consortium that submits the bid)

#### FORMAT OF BANK GUARANTEE FORM

- 1. This guarantee should be furnished by a Nationalized Bank / scheduled Bank, authorized by RBI to issue a Bank Guarantee.
- 2. This bank guarantee should be furnished on stamp paper of Rs. 1000/-
- 3. The stamp paper should have been purchased in the Name of the Bank executing the Guarantee.
- 4. In the case of foreign bidder the B.G may be furnished by an international reputed bank acceptable to the PURCHASER countersigned by any Nationalized / Scheduled Bank in India authorized by Reserve Bank of India.

\_\_\_\_\_

DATE:

### **BANK GUARANTEE NO:**

Ref.:\_\_\_\_\_ To The Registrar Indian Institute of Technology (Banaras Hindu University) Varanasi-221005

Dear Sirs,

In	accordance	with	your	'Invitation	to	Bid"	under	your	Tender	No:
										M/s:
						herein	after called	the Co	ontractor/su	pplier,
with	the following I	Directors	on their	Board of Direc	tors / ]	partners	of the firm.			
1					2					
3					4					

Agrees for the contract/supplies:

As	an	irrevocable	Bank	Guarantee		for	an	amou	int of
Rs.				(in	words	and	figures)	valid	for
	days from					is r	equired to be	e submitte	ed by

the Contractor/Supplier which amount is liable to be forfeited by the purchaser in the event of :

(1) the withdrawal or revision of the offer by the Bidder as a condition within the validity period. (2) non-acceptance of the Letter of Intent / purchase order by the bidder when issued within the validity period.

(3) failure to furnish the valid contract performance guarantee by the bidder within one month from the receipt of the purchase order and

(4) on the happening of any contingencies mentioned in the bid documents such as

We, the \_\_\_\_\_ Bank at \_\_\_\_\_ having our Head office at (Local address) Guarantee and undertake to pay immediately on first demand by IIT (BHU) the amount \_\_\_\_\_(in of figure and words) without any reservation., protest, demur and recourse. Any such demand made by the Purchaser shall be conclusive and binding on the Bank irrespective of any dispute or difference raised by the purchaser.

The guarantee shall be irrevocable and shall remain valid up to (This date should be 6 months after execution of the order). If any further extension of this guarantee is required the same shall be extended to such required period (not exceeding one year) on receiving instruction from M/s\_\_\_\_\_\_on whose behalf this guarantee is issued.

We, the issuing bank of this bank guarantee hereby confirm the following:

- 1. This Bank Guarantee can be encashed at any point of time by IIT (BHU) during its validity period
- 2. This Bank Guarantee is unconditional

In witness whereof the Bank, through its authorized officer has set its hand and stamp on this \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_\_witness \_\_\_\_\_

**WITNESS** (Signature)..... Name in (Block letters) Designation ..... (Staff Code No.) ..... (Bank's common Seal) Official address: Attorney as per power of Attorney No. Date: