

Jadavpur University

Notice to Bidders

Tender Enquiry No.: JU/UPE/CDLD/02/2015

Date: 05/2/2015

Sub: IP Surveillance for Central Library and Salt Lake Campus Library, Jadavpur University.

Sealed bids are invited from eligible and reputed OEMs/bidders who must be authorized by OEMs/Developers/Registered for products quoted for implementing the complete Wire based smoke detection system and related infrastructure up-gradation as per the details provided.

The rates must be inclusive of all costs, taxes, charges in total as cost of the University, Considering following four functions: 1. DELIVERY, 2. INSTALLATION, 3.COMMISSIONING & 4.CONFIGURATION.

The offer must be given under two-bid system:

I) TECHNO COMMERCIAL BID: SEALED ENVELOPE CONTAINING – COVERING LETTER WITH AUTHORIZATION IN OEM'S/DEVELOPERS/REGISTERED OFFICIAL STATIONARY AND COMPLIANCE DETAILS OF TECHNICAL SPECIFICATION AND GENERAL TERMS AND CONDITIONS ALONG WITH PRESCRIBED EARNEST MONEY DEPOSIT (EMD) DULY SUPER-SCRIBED WITH 'TECHNO-COMMERCIAL BID', TENDER NOTICE NO. & DATE. A CHECKLIST AND COMPLIANCE STATEMENT AGAINST EACH ITEM THEREON SEVERALLY AND INDIVIDUALLY SHALL ALSO BE SUBMITTED. A DD OF RS.10,000/- (TEN THOUSAND ONLY) DRAWN IN FAVOUR OF JADAVPUR UNIVERSITY IS TO BE SUBMITTED TOWARDS EARNEST MONEY.

II) PRICE-BID: SEALED ENVELOPE CONTAINING THE BILL OF MATERIAL WITH PRICE BID AS PER DETAILS GIVEN CLEARLY STATING THE COMPONENTS THEREOF. THE ENVELOPE SHOULD BE CLEARLY SUPER-SCRIBED WITH 'PRICE BID', TENDER NOTICE NO. & DATE.

THE LAST DATE OF SUBMISSION OF TENDER IS FIXED AS 23RD FEBRUARY' 2015 WITHIN 4 P.M AT CENTRAL MONITORING CELL, AUROBINDA BHAVAN, JU, WHICH WILL BE OPENED ON THE SAME DATE.

THE TECHNICAL BID WILL BE EVALUATED FIRST AND THE PRICE BID WILL BE OPENED ONLY IN RESPECT OF THOSE OEMS/VENDORS WHO ARE FOUND TECHNICALLY QUALIFIED AFTER EVALUATION OF TECHNICAL BIDS, WITHIN NEXT 7 DAYS.

University reserves the right of selection.

Page 2 & 3- Terms & Conditions

Page 4,5,6,7 & 8- BOQ & Specification.


Registrar

Registrar
JADAVPUR UNIVERSITY
Page No.: 01 of 08



CHIEF LIBRARIAN
Jadavpur University
Kolkata

Eligibility Terms & Conditions:

- Surveillance Equipment should be from Original Equipment Manufacturer. Provide certificate from OEM.
- Bidder/OEM should have local office for technical and service support in Kolkata. Provide valid documentary proof.
- Bidder/OEM must have minimum 3 sites where proposed Surveillance system is operational. Provide certificates/order copy/installation report.
- **For the brand is being quoted, we require a formal tender specific authorisation from the manufacturer must be stated.**
- Sub-contracting of the job or consortium is not allowed.

Other Terms & Conditions:

- Quotation should be free for delivery at Jadavpur University unless otherwise arranged.
- Prices Quoted be net and minimum period of validity of the quotation should be for the six months from the closing date.
- Quotation should be free from CORRECTIONS and ERASURES.
- Sample must be attached with quotation in all possible cases. (if applicable)
- Manufacturers NAME and COUNTRY OF ORIGIN OF THE MATERIALS offered must be clearly specified falling which the Tender will be considered.
- Samples must be submitted where specified so as to reach this office before the DUE DATE of Enquiry. Samples must be labelled clearly with our ENQUIRY NUMBER, DUE DATE, NAME OF THE FIRM AND number on sample must corresponds to the items in the tender. (if applicable)
- The tenderers will not be entitled to ask for any further information other than whether there tender have been received or not.
- The University does not bind itself to accept the lowest or any tender assign any reason for non-acceptance. It further reserved the right to accept any tender in part or in whole at its option.
- If the University finds that the materials supplied are not of the contract quality or not according to the specification required by the University or otherwise not satisfactory owing to any reason, of which the university shall be the sole judge, the university shall be entitled to refuse the acceptance of the said materials, cancel the order and buy its requirement elsewhere at supplier's responsibility.
- Tenders must as far as possible, arrange to supply the materials according to the terms of delivery specified in the orders. If however this is not possible, they shall clearly specify the time in which the delivery of the articles can be affected. This delivery time must be strictly adhered to. Failure to supply within the specified time will lead to cancellation of the order without notice.
- If the deliveries are not regular and if on that account the university is forced to buy the materials elsewhere, any loss or damage the university may sustain thereby will be recovered from the supplier for non-delivery at the scheduled periods.
- If any tenderer proposes to change Sales Tax & Delivery charges, in addition to his quoted rates this fact should be stated specifically in the quotation. In the absence of such statement the rate quoted will be deemed to be inclusive Sale Tax & Delivery Charges.
- Non-compliance of a order may lead to cancellation of enlistment and no enquiry will be issued in future. Up to 10% of bill value may be deducted for default on delivery.

Recd
5/28/15
CHIEF LIBRARIAN
Jadavpur University
Kolkata

· IN ALL CASES OF DISPUTES, THE DECISION OF THE UNIVERSITY SHALL BE FINAL & BINDING ON YOU.

Please note that-

- The quantity mentioned in the tender document may vary depending upon change in requirement or availability of fund.
- Order will be placed to a single bidder for all the items
- For any dispute, the decision of the University shall be valid & final

JU/UPE/CDLD/02/2015

Page No.: 03 of 08

Recd
5/2/15
CHIEF LIBRARIAN
Jadavpur University
Kolkata-700032

Jadavpur University

BOQ & Specifications

IP Surveillance for Central Library and Centre for Digital Library & Documentation

IP Camera = 48 Nos.

Sl.No.	Item Description	Qty(tentative) UoM
(A) Supply		
1	4Pair UTP Cable Cat6 (305mtr Box)	9 Box
2	24Port Loaded Jack Panel Cat6	4 Nos
3	RJ-45 Connector	50 Nos
4	Patch Cord 1mtr Cat6	50 Nos
5	24Port 10/100mbps Layer 2 POE Switch	4 Nos
7	8Port 10/100/1000 mbps Layer 2 managed Switch	1 No
8	Network (IP) IR Camera 1.3MP with Audio	47 Nos
9	Network (IP) IR Bullet Camera 1.3MP with Varifocal Lens	1 Nos
10	64 Channel Network Video Recorder	1 No
11	Surveillance HDD 4TB	2 Nos
12	6U Wallmount Rack with Proper Accessories (Fan 1no, Hardware mounting 2pkt, PDU 6socket 1no, Cantilever shelf 1nos)	3 Set
13	9U Wallmount Rack with Proper Accessories (Fan 1no, Hardware mounting 2pkt, PDU 6socket 1no, Cantilever shelf 1nos)	1 Set
14	25mm Conduit Pipe with Proper Accessories	450 Mtr

(B) Services

1	Laying of UTP Cable & Power Cable thru conduit pipe including fixing of Conduit pipe	2745 Mtr
2	Termination of Jack panel	4 Nos
3	Installation of 8Port 10/100/1000 mbps Layer 2 managed Switch	1 No
4	Installation of 24Port 10/100 mbps POE Switch	4 Nos
5	Mounting and Installation of Camera	48 Nos
6	Installation and Commissioning of NVR	1 No
7	Fixing and dressing of Wallmount Rack	4 Set
8	Core Cutting	2 Nos
9	Site Supervision Project Management and Documentation	1 LS

Quantities may vary at the time of execution of work. Payment will be made on actual consumption of materials.

Recd
5/2/15

CHIEF LIBRARIAN
Jadavpur University

IP Surveillance for JU Salt Lake Campus Library

IP CAMERA : 25 nos.

Sl.No.	Item Description	Tentative QtyUoM
(A) Supply		
1	4Pair UTP Cable Cat6 (305mtr Box)	3 Box
2	24Port Loaded Jack Panel Cat6	1 No
3	RJ-45 Connector	25 Nos
4	Patch Cord 1mtr Cat6	25 Nos
5	24 Port 10/100mbps Layer 2 POE Switch	2 Nos
6	Network (IP) IR Camera 1.3MP, 4mm lens with Audio	23 Nos
7	32 Channel Network Video Recorder	1 No
8	Surveillance HDD 2TB	3 Nos
9	6U Wallmount Rack with Proper Accessories (Fan 1no, Hardware mounting 1pkt, PDU 6socket 1no, Cable Manager 1nos)	1 Set
10	25mm Conduit Pipe with Proper Accessories	225 Mtr

(B) Services

Sl.No. Item Description QtyUoM

1	Laying of UTP Cable thru conduit pipe including fixing of Conduit pipe & RJ 45 crimping	915 Mtr
2	Termination of Jack panel	1 No
3	Installation of 48Port 10/100 mbps POE Switch	2 Nos
4	Mounting and Installation of Camera	23 Nos
5	Installation and Commissioning of NVR	1 No
6	Fixing and dressing of Wallmount Rack	1 Set
7	Core Cutting	1 No
8	Site Supervision Project Management and Documentation	1 LS

Quantities may vary at the time of execution of work. Payment will be made on actual consumption of materials.

JU/UPE/CDLD/02/2015

Page No.: 05 of 08

Recd
5/2/15
CHIEF LIBRARIAN
Jadavpur University
Kolkata

1. 1.3MP IR Network (IP) Camera

- 1/3" Progressive Scan CMOS
- 1.3MP (1280 x 960) high resolution
- HD720P Real-time Video
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 20M IR LED optional
- Vandal-proof Housing
- PIR detection
- DWDR & 3D DNR & BLC
- Built-in microphone & speaker
- SD/SDHC/SDXC card slot (up to 64GB)
- Wi-Fi optional (WPS connection)

2. 1.3MP VF IR Bullet Network Camera

- Up to 1.3 megapixel (1280 x 960) resolution
- HD real-time video
- Vari-focal lens
- IR LEDs (up to 30m)
- DWDR & 3D DNR & BLC
- IP66
- Support onboard storage (up to 64GB)
- (-S) Audio I/O, Alarm I/O

3. Network Video Recorder (32-Channel)

- Third-party network camera supported
- 32 channel IP camera input
- Up to 5 Mega pixel (2560×1920) recording resolution
- Simultaneous HDMI, VGA and CVBS output
- HDMI and VGA output up to 1920 x 1080P resolution
- Dual gigabit network interfaces
- eSATA interface for recording or archiving
- Flip open front panel for easy HDD installation
- 16-ch 4CIF synchronous playback
- JPEG picture capture and playback
- Tag video clip, search and playback by tag
- Compatible with DDNS
- Digital zoom on live view and playback

4. Network Video Recorder (64-Channel)

- Third-party network camera supported
- 64 channel IP camera input
- Up to 5 Mega pixel (2560×1920) recording resolution
- Simultaneous HDMI, VGA and CVBS output
- HDMI and VGA output up to 1920 x 1080P resolution
- Dual gigabit network interfaces
- eSATA interface for recording or archiving



CHIEF LIBRARIAN
Jadavpur University
Kolkata-700 032

- Flip open front panel for easy HDD installation
- 16-ch 4CIF synchronous playback
- JPEG picture capture and playback
- Tag video clip, search and playback by tag
- Compatible with DDNS
- Digital zoom on live view and playback

5. Network Video Recorder (128-Channel)

- Third-party network camera supported
- 128 channel IP camera input
- Up to 5 Mega pixel (2560×1920) recording resolution
- Simultaneous HDMI, VGA and CVBS output
- HDMI and VGA output up to 1920 x 1080P resolution
- Dual gigabit network interfaces
- eSATA interface for recording or archiving
- Flip open front panel for easy HDD installation
- 16-ch 4CIF synchronous playback
- JPEG picture capture and playback
- Tag video clip, search and playback by tag
- Compatible with DDNS
- Digital zoom on live view and playback

Please Note : the above products should have – ISO Certification: ISO 9001, ISO 14001, 3C, CE, RoHS, FCC, UL

6. 24 Port 10/100 Mbps Poe Switch:

- 24x10/100 Mbps Copper Ports
- 24 ports PoE+
- L2
- Managed Switch with CLI, telnet and web management

7. 8 Port 10/100/1000 Mbps Switch:

- 8x10/100/1000 Copper Ports
- L2 Switching
- Smart Switch with web management

8. 4Pair UTP Cable Cat6:

- The Cable meets or exceeds Category 6/Class E attenuation and NEXT requirements in ISO/IEC 11801, CENELEC EN50173 and ANSI/TIA-568-C.2.
- Cables shall be ETL listed as Category 6.
- Cables shall feature a thin and easy-to-remove bisector tape that delivers the performance benefits of more traditional fluted center members without the associated stiffness and size.

9. CAT 6A UTP – 24 Port Jack Panel:

- Electrical performance guaranteed to meet or exceed the channel specifications of Amendment 1 to ISO/IEC 11 80:2001 Class EA, and ANSI/TIA-568-C.2 Category 6A up to 500 MHz when used as part of a CAT6 A U/UTP
- Available in 24-port configurations
- Labeling and identification for each port
- Supports copper and fiber connectors
- Compatible with DYMO Labeling Solution

10. CAT 6 Modular Patch Cord:

- Electrical performance guaranteed to meet or exceed ANSI/TIA-568-C.2 Category 6 and ISO/EIC Category 6/Class E specifications
- Can support network line speeds in excess of 1 gigabit per second

11. 6U / 9U Wallmount Rack with proper accessories:

- Fan
- Hardware mounting 2 pkt
- PDU 6 socket
- Cantilever shelf

Please note:

- All Copper & Fiber components should be from the same OEM. Material should have been manufactured in OEM's own manufacturing facilities, not outsourced.
- All Passive Components should be RoHS (Restriction of Certain Hazardous Substances) complied. Declaration –RoHS Compliant should clearly be mentioned on datasheets of each Passive Components (Copper & Fiber).
- There should be at least 20 year extended product warranty and Application Assurance.
- The Manufacturer of Passive Component should be a Technology Development Partner with any of the leading Manufacturer of Active Components.
- Cat 6 performance even when termination is within 15 meters thus ensuring eliminating short resonance. Documentary evidence required.
- UTP channel should have adequate (6 db or more) margin of NEXT (worst Case) for the entire frequency range of 1-250 MHz with 4 connector channel. Documentary evidence should be provided.

Recd
5/2/15
CHIEF LIBRARIAN
Jadavpur University
Kolkata-700 032