

Jadavpur University

Notice to Bidders

Tender Enquiry No.: JU/UPE/CDLD/01/2015

Date: 05/2/2015

Sub: Wire based smoke detection system for Central 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.5000/- 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.

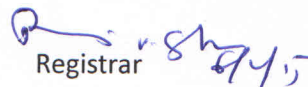
THE LAST DATE OF SUBMISSION OF TENDER IS FIXED AS 23RD FEBRUARY' 2015 WITHIN 4 P.M AT CENTRAL MONITORING CELL, AUROBINDA BHAVAN, JU, WHICH WILL BE OPENED ON THE SAME DATE.

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 - Terms & Conditions

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Registrar

Registrar
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CHIEF LIBRARIAN
Jadavpur University
Kolkata - 700032

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.
 - **For the brand is being quoted, we require a formal tender specific authorisation from the manufacturer must be stated.**
 - 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. Upto 10% of bill value may be deducted for default on delivery.
 - 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

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Jadavpur University

BOQ & Specifications

Wire based smoke detection system for Central Library: Requirements

1. 2-16 Zone Microcontroller based Digitally ADDRESSABLE FIRE Alarm Panel WITH LCD DISPLAY: (Qty-1)

- Compliance with IS 2189: 1999 and Tested by ERTL (N) and System Sensor.
- 2 X 16 character backlit LCD display. (4 x 20 character, optional)
- 256 Events logging facility with real time clock and keypad.
- Central Monitoring with GSM Module (Optional).
- Lamp test feature.
- Complete with integral power supply and battery charger for SMF battery.
- Potential free contacts for both fire and fault.
- Switches & Matrix Keypad 4x4 to enable on board operation.
- LCD and LED Indication for open, short circuit, Isolate, Fire in each zone.
- Maximum nos. of Detectors in each zone is 32.
- 20 Characters address of individual detector in every zone

2. Optical Smoke Detector with Base : (Qty-54)

- Conventional Optical Smoke Detector
- LPCB Approved
- EN54 Compliant
- Suitable For Use With Most Standard Conventional Fire Alarm Systems
- Operating Voltage : 14 - 28Vdc (Nominal 24Vdc)
- Operating Temperature Range : -30 degrees celcius to +70 degrees celcius
- Humidity : 5 to 95% Relative humidity (non-condensing)
- Height : 32.5mm (plus 9.5mm for a standard base)
- Diameter : 102mm
- Weight : 75g (plus 45g for standard base)
- Max Wire Guage for Terminals : 1.5mm squared
- Material : ABS

3. Manual Call point : (Qty-4)

- Communication protocol: Apollo XP95 pulse 5-9V
- Call Point Type: Deformable element
- Call Point Principle: Operation of a switch
- Alarm Indicator: Red Light Emitting Diode (LED)
- Fault Indicator: Amber/yellow Light
- Emitting Diode (LED)
- Type Code: (2 1 0 4 3) 1 1 1 1 1
- Supply Wiring: Two-wire supply, polarity insensitive

- Loop connections L1/L2: Terminal block
- Operating Voltage: 17V-28V dc
- Communication Protocol: 5V-9V peak to peak
- Quiescent Current: 100µA
- Power-up Surge Current: 1mA
- Maximum Power-up Time: 1 sec
- Alarm Current, LED illuminated: 4mA
- Normal Analogue Value: 16
- Alarm State Value: 64
- Temperature Range: Max. continuous operating: +60°C, Min. continuous operating: 0°C, Min. operating (no condensation/icing): -20°C
- Storage: -30°C to +80°C
- Humidity: (No condensation) 0 to 95% relative humidity
- Compliance standard: EN54-11:2001 and EN54-17:2005 (isolated version)
- EMC directive 2004/108/EC
- IP Rating of indoor version: 24.
- IP Rating of waterproof version: 67
- Dimensions of indoor version: 93mm x 89mm x 59.9mm
- Dimensions of waterproof version: 93mm x 97.5mm x 71mm. Cable gland size = M20
- Materials: Housing: Red self coloured Polycarbonate/ABS

4. Electronic Sounder / Hooter : (Qty-3)

- Should be designed to sit on the Context Plus loop
- Straightforward DIL switch addressing
- Excellent lateral sound distribution
- Three Evacuate tones (continuous, warble or sweep) and one Alert tone
- High (100dB @ 1m) and low (94dB @ 1m) volume settings
- A BS5839 Part 1 2002 Clause 12.2.2 compliant locking facility
- 'quick-fit' bayonet fixing arrangement
- 'Master' or 'shadow' mode operation (should allow multiple shadow sounders to be given the same ID address as one 'master' sounder, a useful feature on heavily populated systems and to give synchronised sounding)
- A group addressing facility allowing multiple sounders to be activated simultaneously IP43 rated shallow and IP65 rated deep base versions

5. 12Volt 26AH SMF Battery (ISO certified / IEC standard): (Qty-2)

6. 2 core cable / wire (ISO certified) : (Qty-500 Mtr.)

7. Consumables required for above installation

8. Installation / Programming / Fixing