

UNIVERSITY OF NORTH BENGAL

Office of the Registrar



সমানোমন্ত্র: সমিতি: সমানী

Notice inviting e-Tender

Following e-Tenders are invited from reputed Vendors, for details please visit <https://wbtenders.gov.in>

| SL.NO. | NIT NO. | TENDER ID |
|--------|-----------|-------------------|
| 1. | 49/R-2023 | 2023_DHE_609873_1 |
| 2. | 50/R-2023 | 2023_DHE_611147_1 |
| 3. | 51/R-2023 | 2023_DHE_611203_1 |
| 4. | 52/R-2023 | 2023_DHE_611236_1 |

Registrar (Offg.)

University of North Bengal



P.O. Raja Rammohunpur
Dist Darjeeling
Pin 734013

Notice Inviting e-Tender- 51/R-2023

e-Tenders are invited from reputed Vendors for Supply, Installation, Testing, Commissioning and maintenance (three years) of Fire Detection and integrated Fire Suppression System based on total flooding of clean agent in the existing Server Room of CIRM located on the Ground floor, CIRM, University of North Bengal, PO NBU, RajarammohunPur, Dist Darjeeling, PIN 734103. For details please visit <https://wbenders.gov.in>

| Sl. No. | Name of the Items | Earnest Money |
|---------|--|---------------|
| 1. | Supply, Installation, Testing, Commissioning and maintenance (three years) of Fire Detection and integrated Fire Suppression System based on total flooding of clean agent | 20,000/- |

TERMS AND CONDITIONS :

- 1) The base price and GST shall be shown separately
- 2) Taxes will be deducted at source as per prevailing rules of Central and State Government.
- 3) The terms and conditions of payment shall be declared clearly.
- 4) Copy of current year PT challan, Trade License, PAN card, GST registration certificate shall be accompanied with the technical bid documents. [Non Statutory Documents]
- 5) The vendor shall submit authorization certificate from OEM along with the technical bid. (Non Statutory documents).
- 6) The vendor/ bidder shall provide Company details as per Annexure-I and Annexure -II
- 7) The vendor shall have the credentials to supply similar equipment in any University / institution / Govt. Organization. Copy of the credential certificate shall be submitted along with technical bid (Non Statutory documents).
- 8) Bidder should have an engineer in Siliguri for service support. His tel no to be shared.

- 9) The vendor shall clearly state the pre-installation requirements and take all responsibilities to arrange the same.
- 10) The equipment shall carry minimum 3 (Three) year on site OEM warranty from the date of satisfactory installation.
- 11) The service engineer shall attend the call within 24 hrs for trouble shooting to be done on no wait basis.
- 12) The successful tenderer shall complete the installation of the equipment within 10 (Ten) days from the date of issuance of the supply order.
- 13) A sum of Rs.20,000/- shall be deposited to the under-noted account of the University through RTGS as earnest money and the copy of receipt challan of RTGS with UTR number shall be accompanied with the technical bid document (Statutory Documents) failing which the tender paper will be treated as cancelled. The earnest money of the unsuccessful quotationer (s) will be refunded without interest after one month of the opening of tender paper and the same of the successful candidate will be refunded without interest after three months of the satisfactory installation of the equipment subject to redressal of complaint, if any.

Name of the A/c: N.B.U (S/B).
Account Number: 10195736768
IFSC Code: SBIN0002096
- 13) The University authority reserves the right to accept or reject any/all quotations.
- 14) The quotation should be valid for at least 90 (ninety) days.
- 15) The brochure /catalogue of the equipment shall accompany the technical bid documents (Non Statutory documents).
- 16) Selection of the agency will be made on the basis of both technical and financial bids. Technical bids and financial bids shall be submitted by online only. Offline submission of tender paper will not be accepted.
- 17) 92% of the total order value shall be released after the successful installation / commissioning of the equipment against the submission of the test report duly certified by the concerned authority. The remaining 8% of the bill value shall be deducted and kept aside as security deposit which will be paid after 3(three) months from the date of satisfactory installation, subject redress of complaints, if any.
- 18) The last date of submission of tender form is upto 08.12.2023 at 10.55 a.m. and to be opened on 14.12.2023 at 11.05 a.m.
- 19) The tenderers may remain present at the opening of tender.

20) All cases of disputes not covered under the terms & conditions of the Tender will be referred to the Vice-Chancellor for a decision which shall be final and binding on both the parties.

21) For any clarification regarding tender please contact with the System Manager & Head, CIRM, University of North Bengal email Id- systemmanager@nbu.ac.in , University of North Bengal. Phone-0353-2776318

22) Date & Time Schedule

| SINO | Particulars | Date & Time |
|-------------|---|--------------------------------|
| 1 | Publishing of Tender | 30.11.2023 |
| 2 | Documents download/sell start date (Online) | 30.11.2023 AT 6.00 P.M. |
| 3 | Bid submission StartDate | 30.11.2023 FROM 6.00 P.M. |
| 4 | Bid Submission EndDate | 08.12.2023 UPTO 10.55 A.M. |
| 5 | Technical BidOpening | 14.12.2023 AT 11.05 A.M. |
| 6 | Offline Submission | NO OFFLINE SUBMISSION ACCEPTED |
| 7 | Financial BidOpening | To benotified |

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BIDDER'S ELIGIBILITY CRITERIA

| Sn | Qualification Criteria | Document to support qualification criteria | Bidder's Response (Complied /Not Complied) |
|----|--|--|--|
| 1 | The bidder must be a must be a company registered under the Companies Act, 1956/2013 (Proprietorship / Partnership/ Private Limited) | Certificate of Incorporation | |
| 2 | The bidder should have experience in executing similar kinds of jobs. Similar kinds of jobs include the installation of fire detection & alarm systems and /or Fire Suppression System. | Copies of purchase/work orders. | |
| 3 | The bidder should have a permanent office in the State of West Bengal. | Self-declaration on company letterhead & trade license. | |
| 4 | The bidder should have a minimum average annual turnover of Rs. 50 Lakhs considering the last three financial years, i.e. FY 2021-22, 2020-21, and 2019-20. | Copy of balance sheet or certificate from CA. | |
| 5 | The bidder should be in business for at least three years. | Trade License. | |
| 6 | The bidder should have valid GST Registration & PAN. | Copy of GST registration certificate & PAN. | |
| 7 | The bidder should not be blacklisted or debarred from bidding by any government body. | Self-declaration on company letterhead. | |
| 8 | Manufacturer's Authorization | Manufacture's / OEM* authorization, as per format, to be submitted for the following systems: <ul style="list-style-type: none"> • Fire Detection & Alarm • Fire Suppression | |

*OEM – Original Equipment Manufacturer

TECHNICAL SPECIFICATIONS

| Sn | Category | Technical Specifications | Compliance (Complied / Not Complied) | Reference Datasheet |
|----|-----------------------------|---|--------------------------------------|---------------------|
| 1 | Clean Agent and cylinder | The clean agent suppression system shall be a total flooding type. | | |
| 2 | | Clean Agent – Fluoro-K(FK-5-1-12) | | |
| 3 | | The system hardware shall consist of clean agent in CCOE approved cylinder (80 Litres) pressurized with nitrogen (34.5 bar) and discharged into the affected area using discharge nozzle(s) attached to a pipe network. | | |
| 4 | | The Fluoro-K agent shall have Class A minimum design concentration of 4.5% and Class B minimum design concentration of 5.85%. | | |
| 5 | | Discharge nozzles shall be either 180-degree or 360-degree, as per site requirement. | | |
| 6 | | The cylinder shall be painted red and equipped with a 2-inch pressure differential valve, pressure gauge and liquid level indicator. | | |
| 7 | | The clean agent system cylinder shall be installed in a suitable place inside the Server Room and firmly fixed to the wall using metal straps. | | |
| 8 | | The cylinder/s shall be filled with the Fluoro-K agent at a UL-listed first fill facility. | | |
| 9 | | The Fluoro-K agent shall have a Class A minimum design concentration of 4.5% and Class B minimum design concentration of 5.85%. | | |
| 10 | | In no case shall the design concentrations exceed the Lowest Observed Adverse Effects Level (LOAEL) for the agent as published in NFPA 2001. | | |
| 11 | | The system shall have following listings and approvals: Underwriters Laboratories, Inc. (UL) Factory Mutual Global (FM) | | |
| 12 | Conventional Smoke Detector | Conventional smoke detectors with dual LED's for 360° visual indication. | | |
| 13 | | Able to sense smoke produced by wide range of sources of combustion. | | |
| 14 | | Advanced detection technique with drift | | |

| | | | | |
|----|---|---|---|--|
| | | compensation feature wherein the detector adjusts its normal reference based on environment conditions. | | |
| 15 | | Polarity free wiring. | | |
| 16 | | Start Up Time: 60 Sec | | |
| 17 | | Smoke Sensitivity: (1.96 ± 0.76) % / ft obscuration | | |
| 18 | | Air Velocity: 0 - 4000 fpm. | | |
| 19 | | Alarm Current: 90 mA (max). | | |
| 20 | | Operating Temperature: -10 deg C to 37.8 deg C. | | |
| 21 | | UL listed: Yes | | |
| 22 | Gas Release Panel | Microprocessor based Agent Release Panel with dual circuit and Auto Resettable Fuse. | | |
| 23 | | 16x2 Dot Matrix LCD display. | | |
| 24 | | Battery backup with built in charging. | | |
| 25 | | Low battery visual warning with audible tone. | | |
| 26 | | Three 24V Sounder Output (Fire, after Cross zone, after gas release). | | |
| 27 | | Programmable Solenoid Output with ON and OFF Timer. | | |
| 28 | | Manual Gas Release with or without timer. | | |
| 29 | | Actuator pressure low sensing facility. | | |
| 30 | | IP Rating: IP50 | | |
| 31 | | General | The bidder shall submit the technical datasheet for component or device proposed. | |
| 32 | Clean agent design calculation to be submitted with the bid. | | | |
| 33 | Layout for the proposed fire suppression system integrated with fire detection and alarm to be submitted. | | | |
| 34 | The bidder shall provide operational and safety training to the users. | | | |
| 35 | The scope of work includes dismantling the existing false ceiling, as required, installing the pipe network with nozzles and refixing the false ceiling with ceiling mounted devices and finishing thereof. | | | |

Compliance with the above technical specifications is to be submitted on the bidder's letterhead, signed and stamped.

Non-compliance or partial compliance may lead to bid rejection.

Reference datasheet should be enclosed, and document reference should be mentioned.

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