

Tender No. T-1653

Dated: 09.09.2019

Notice Inviting Tender

Installation of Fire Fighting System at WBSC, RNM Library, Auditorium, Old Guest House of IEI

Sealed Tender in single stage two envelope bid system is invited from reputed and experienced agencies for Installation of Fire Fighting System at WBSC, RNM Library, Auditorium, Old Guest House of The Institution of Engineers (India), 8 Gokhale Road, Kolkata-700020.

Tender document with terms and conditions is available on our website www.ieindia.org. Each offer must accompany a **Demand Draft of Rs 5,000/- in favour of "The Institution of Engineers (India)", payable at Kolkata as Earnest Money Deposit.**

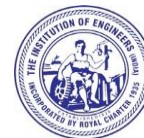
The sealed Tender is to be submitted in prescribed format duly stamped and signed and dated on each page of Part 'I' as their unconditional acceptance to the terms prescribed by the Institution.

The Tender shall be in **two parts** i.e., Technical Part (Part 'I') and Financial Part (Part 'II'). Part - I and II with the content shall be clearly marked on the top of the envelopes separately. Both cover - **Part -I & II** shall be put in third envelope and sealed.

Tenders duly completed and sealed with requisite Earnest Money Deposit and other required documents addressed to the Director (Administration) is to be dropped in the **Tender Box at The Institution of Engineers (India), 8 Gokhale Road, Kolkata-700020 latest by 1600 hours on 24.09.2019.** Tender received after due date and time and /or without Earnest Money Deposit will be rejected.

The Institution of Engineers (India) reserves the right to reject the Tender in part or full without assigning any reason whatsoever.

(Shukla Das)
Director (Administration)



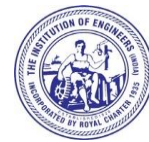
TENDER DOCUMENT (T-1653)

Details of tender are as under :

- 1. Name of the Work** : Installation of Fire Fighting System at West Bengal State Centre, RNM Library, Auditorium, Old Guest House of The Institution of Engineers (India).
- 2. Site** : The Institution of Engineers (India),
West Bengal State Centre,
8 Gokhale Road, Kolkata 700 020
- 3. EMD Amount** : Earnest money of Rs 5,000/- (Rupees Five Thousand only) in form of Demand Draft drawn in favour of "THE INSTITUTION OF ENGINEERS (INDIA)", payable at Kolkata.
The EMD will be refunded to the unsuccessful bidder immediately after finalization of contract.
- 4. SECURITY DEPOSIT** : The successful bidder has to deposit a sum of Rs 50,000/- in form of Demand Draft drawn in favour of "THE INSTITUTION OF ENGINEERS (INDIA)", payable at Kolkata as Security Deposit. Security Deposit will be refunded without any interest after one year from the date of completion of the project.

Security Deposit will be forfeited in part or full (to be decided by IEI) in case of non-execution of work order as per Tender Document.
- 5. AVAILABILITY OF TENDER** : Tender documents may be obtained from Executive (S&P) IEI. Also, Tender may be downloaded from the website of the IEI: www.ieindia.org.

Signature of the tenderer



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6. Last Date for Issuing Tender Document : 20.09.2019
7. Last Date for submission of Tender : 24.09.2019 up to 16-00 Hrs.
8. The Agency should have the following mentioned credentials:
- A. The Agency should be financially solvent, having annual turnover of at least Rs 50.00 Lakhs during last two financial years (Copy of audited annual accounts have to be submitted).
 - B. The Agency should be located within a distance for easy communication and should have mobile & e-mail facility to receive instruction.
 - C. Having statutory documents like Trade Licence, GST, PAN (Copies of certificates to be attached).
 - D. Have experience of carrying out one job of similar category in any Organisation having value of Rs 4,00,000/- or two jobs of Rs 3,00,000/- each (Self-certified copies of work order and completion certificates/documents in support of final bill payment have to be submitted).
9. Address at which the Tender is to be submitted : The Institution of Engineers (India)
8 Gokhale Road, Kolkata-20.
10. Validity of Offer : For a period of 60 days from the date of opening of cover-II of tender.

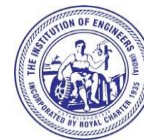
Tender will have to be submitted in two parts i.e. Cover-I and Cover-II separately, sealed and superscribed with the name of the work and Name of the Bidder. Both cover - **Part -I & II** shall be put in third envelope and sealed.

COVER-I : (i) Earnest money, (ii) Forwarding letter, (iii) Signed-sealed copies of all aforesaid credentials, (iv) Signed-sealed copy of the Tender Document (Except Price Bid)

COVER-II: Shall contain only the offered price(s) in the given format. No other condition stipulated in Cover-II shall be accepted.

Delays in submission of any part arising out of the postal irregularities/or any other at any stage will not be considered. Also the IEI will not be responsible for damage in transit in case of Postal delivery.

Signature of the tenderer
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12. After examining the Cover-I of the tender, IEI will only open the Cover-II of the successful tenderers who have satisfied the requirement of Cover-I.
13. IEI preserves the right to accept and cancel the Tender in part or full.

CHECK LIST OF PAPERS TO BE SUBMITTED WITH TECHNICAL BID IN COVER-I (TO BE SEALED)

| | |
|-----------------------------------------------------------------------------------------------|--|
| Forwarding letter in company letterhead duly signed | |
| Earnest money of Rs 5,000/- through DD | |
| Signed-sealed Copy of the Tender Document (Except Price Bid) | |
| Signed-sealed copies of all Credential arranged in accordance with the following serial: | |
| Copy of audited annual accounts for last two financial years | |
| Copy of address proof | |
| Copy of GST Certificate | |
| Copy of Trade Licence | |
| Copy of PAN | |
| Copies of work order and completion certificates / documents in support of final bill payment | |

Terms and Conditions

1. Warranty will be one year (12 months) from the date of completion of the project.
2. The necessary arrangements shall have to be taken by the successful bidder for obtaining Fire Safety Certificate from the West Bengal Fire & Emergency Services after completion of the project. Only incidental expenses for obtaining the same Certificate from the West Bengal Fire & Emergency Services will be borne by IEI on actual basis.
3. Bidder should ensure that the documents are attached with Technical Bid as per Check list and all pages of Tender and documents are signed and stamped. Failure to do so shall lead to the rejection of bids.
4. The bidder must visit/examine the site and its surrounding on any working day by prior appointment with Exe (S&P)/House Supervisor (033 40106239) for the proper assessment of prospective assignment (scope of works) before submitting their offer. No claims later on shall be entertained.

Signature of the tenderer

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5. IEI may depute a team of it's officials to the site/work place/office of the Bidder to get the credentials of the information furnished by the Bidder verified by collecting the spot information as to the status, workmanship & quality of the services rendered by them. If any information furnished by the Bidder is found to be incorrect, the tender of such Bidder shall be liable for rejection.
6. The Bidder shall carry out all work with utmost care, giving due consideration to safety which shall not be compromised under any circumstance.
7. The Bidder shall be responsible for taking good care of all specialized equipment, tools and tackles used for its works.
8. The Bidder shall not assign the contract or sublet any portion of the contract. In case of breach of this condition, IEI will serve a notice in writing on the Bidder rescinding the contract where upon the security deposit/performance bank guarantee shall stand forfeited to IEI without prejudice to other remedies against the Bidder.
9. The Bidder itself must be a qualified Fireman and should have working experience in handling of such jobs.
10. The employees deployed by the successful Bidder should observe the discipline and should see that the decency and decorum are maintained.
11. All personnel employed by the Bidder shall be medically fit and having good health.
12. In case of any dispute, decision of IEI will be final.

Signature of the tenderer



B.O.Q FOR FIRE FIGHTING SYSTEMS
FOR WBSC, RNM Hall, RNM Library and Old Guest House at IEI, 8 Gokhale Road,
Kolkata - 700 020

| SL.NO. | DESCRIPTION | QTY | UNIT | Material | Labour | Total |
|-----------|-------------------------------------------------------------------------------------------------------|-----|------|----------|--------|-------|
| A. | Library (Main Hall & Adjoining Rooms) | | | | | |
| 1.00 | M. S. Piping as per IS : 1239, Part - I complete with fittings 80 mm Nb | 12 | Mt | In stock | | |
| 2.00 | GI Pipe Ø 25 nb | 60 | Mt | | | |
| | GI pipe Ø 40 nb | 24 | | | | |
| | GI pipe Ø 50 nb | 6 | | | | |
| 3.00 | CI Non Return Valve (Wafer Type) 80 mm NB | 01 | nos | | | |
| 4.00 | Quartzoid sprinkler bulb (68 ⁰ C/79 ⁰ C) complete with piping network & support | 38 | nos | | | |
| 5.00 | Panel Device for Fire Detection System | | | | | |
| 5.01 | Manual Call Points with wiring | 03 | nos | | | |
| 5.02 | Hooter / Sounder with wiring | 02 | nos | | | |
| 5.03 | Automatic fire / smoke Sensors with wiring | 22 | nos | | | |
| 6.00 | Hook up with the Main Fire Alarm Panel | 01 | job | | | |
| 7.00 | Hydrants | 02 | nos | | | |
| | Total | | | | | |



| SL.NO. | DESCRIPTION | QTY | UNIT | Material | Labour | Total |
|--------------|----------------------------------------------------------------------------------------------------------------------------|-----|------|----------|--------|-------|
| B. | Auditorium (1st Floor) | | | | | |
| 1.00 | Quartzoid sprinkler bulb (68 ⁰ C/79 ⁰ C) complete with piping network & support High Pressure Nozzle | 20 | nos | | | |
| 2.00 | C.I. Butterfly Valve as per IS : 13095 80 mm Nb | 01 | no | | | |
| 3.00 | CI Non Return Valve (Wafer Type) 80 mm Nb | 01 | no | | | |
| 4.00 | M. S. Piping as per IS : 1239, Part - I complete with fittings 80 mm Nb | 12 | mtr | | | |
| 5.00 | Panel Device for Fire Detection System | | | | | |
| 5.01 | Manual Call Points with wiring | 02 | nos | | | |
| 5.02 | Hooter / Sounder with wiring | 02 | nos | | | |
| 5.03 | Automatic fire / smoke Sensors with wiring | 07 | nos | | | |
| 6.00 | Beam Detector with Module & wiring complete | 02 | sets | | | |
| 7.00 | Hook up with the Main Fire Alarm Panel | 01 | job | | | |
| 8.00 | Hose Reels | 02 | Nos | | | |
| Total | | | | | | |



| SL.NO. | DESCRIPTION | QTY | UNIT | Material | Labour | Total |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----|------|---------------------|--------|-------|
| C. Yard Hydrants - Ground Floor Parking Area | | | | | | |
| 1.00 | M. S. Piping as per IS : 1239, Part - I complete 150 mm Nb | 24 | Mtr | Already in stock | | |
| | 80 mm Nb | 31 | | | | |
| 2.00 | C.I. Butterfly Valve as per IS : 13095 - 150 mm Nb | 01 | no | | | |
| 3.00 | Single headed Hydrant valve as per IS: 5290 | 2 | nos | | | |
| 4.00 | Short Branch Pipe of Aluminium Construction | 02 | nos | | | |
| 5.00 | Fire Fighting Hose (63 mm X 15 mtr) bonded with aluminium coupling made to IS: 903 | 04 | nos | | | |
| 6.00 | MS Hose Box of suitable size to accomodate 2 nos. of hose & 1 no. of branch pipe. | 02 | nos | | | |
| 7.00 | 3-way Fire Brigade Inlet Head | 01 | no | | | |
| | Total | | | | | |
| D. WB State Centre (2nd Floor) | | | | | | |
| 1.00 | M. S. Piping as per IS : 1239, Part - I complete with fittings - 80 mm Nb | 12 | Mtr | Already in stock | | |
| 2.00 | C.I. Butterfly Valve as per IS : 13095 - 80 mm Nb | 01 | no | | | |
| 3.00 | Quartzoid sprinkler bulb (68 ⁰ C/79 ⁰ C) complete with piping network & support | 37 | nos | | | |
| 4.00 | Panel Device for Fire Detection System | | | | | |
| 4.01 | Manual Call Points with wiring | 02 | nos | | | |



| | | | | | | |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|----|-----|--|--|--|
| 4.02 | Hooter / Sounder with wiring | 01 | nos | | | |
| 4.03 | Automatic fire / smoke Sensors with wiring | 19 | nos | | | |
| 5.00 | Hook up with the Main Fire Alarm Panel | 01 | job | | | |
| | Total | | | | | |
| E. JOURNAL ROOM (Ground Floor) | | | | | | |
| 1.00 | M. S. Piping as per IS : 1239, Part - I complete with fittings (80 mm Nb) | 18 | Mtr | | | |
| 2.00 | C.I. Butterfly Valve as per IS : 13095 - 50 mm Nb | 01 | no | | | |
| 3.00 | Quartzoid sprinkler bulb (68 ⁰ C/79 ⁰ C) complete with piping network & support | 08 | nos | | | |
| 4.00 | Panel Device for Fire Detection System | | | | | |
| 4.01 | Manual Call Points with wiring | 01 | no | | | |
| 4.02 | Hooter / Sounder with wiring | 01 | nos | | | |
| 4.03 | Automatic fire / smoke Sensors with wiring | 04 | nos | | | |
| 5.00 | Hook up with the Main Fire Alarm Panel | 01 | job | | | |
| | Total | | | | | |



| SL.NO. | DESCRIPTION | QTY | UNIT | Material | Labour | Total |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------|-----|------|-------------------------------------|--------|-------|
| F. GUEST HOUSE (1st & 2nd Floor) | | | | | | |
| 1.00 | M. S. Piping as per IS : 1239, Part - I complete with fittings 80 mm Nb | 48 | Mtr | May salvaged from existing pipeline | | |
| 2.00 | C.I. Butterfly Valve as per IS : 13095 80 mm Nb | 01 | No | | | |
| 3.00 | Quartzoid sprinkler bulb (68 ⁰ C/79 ⁰ C) complete with piping network & support | 23 | nos | | | |
| 4.00 | Panel Device for Fire Detection System | | | | | |
| 4.01 | Manual Call Points with wiring | 02 | no | | | |
| 4.02 | Hooter / Sounder with wiring | 02 | nos | | | |
| 4.03 | Automatic fire / smoke Sensors with wiring | 17 | nos | | | |
| 5.00 | Hook up with the Main Fire Alarm Panel | 01 | job | | | |
| | Total | | | | | |

Grand Total + GST = Rs

For Electrical Installations, Polymer Tube based Fire Detection System, HFCs /FM200/ Novec1230 etc may be applied.

Name of the Company:

Address:

Contact Number with email:

Signature with Date and Company Seal: