



NATIONAL INSTITUTE OF SOLAR ENERGY
(An autonomous Institute of Ministry of New & Renewable Energy)
GURGAON

NOTICE INVITING TENDER

Sealed tenders are invited by office of the Director General, National Institute of Solar Energy from:-

1. Smart Grid solution providers having an annual turnover of not less than 1 CR during the last three years for supply, installation, testing and commissioning of LT & HT Panels also essentially having experience of at least 500 kWp of Micro-grid with experience of integrating PV, Battery, Grid and Diesel Generator set (As a single project). **One No. of New LT Panel at Old Building, and Modifications of one no of existing Lt Panel in New Building (Surya Bhawan), and source and load control with SCADA and other required hardware** as per the technical specifications & standards given in the tender document.
2. Reputed agencies who have past experience for supply, fabrication, installation & commissioning of **motorized roller blinds** at National Institute of Solar Energy, Gurgaon.
3. Reputed suppliers of electrical components for supply, installation & commissioning of 40 nos. of **intelligent door locking system with Energy Saving unit with switches** at NISE, Gurgaon.
4. Reputed suppliers of Audio-visual equipment for supply, installation & commissioning of **Audio System (wired)** for Surya Bhawan, NISE, Gurgaon.
5. Reputed civil maintenance contractor for **waterproofing and repair works** at Guest House and Aditya Bhawan in NISE, Gurgaon.

The detailed tender documents giving specifications can be downloaded from NISE Website: www.nise.res.in.

Sealed tenders shall be submitted after site visit for the specific tender in two parts i.e. Part-I containing Technical Bid along with Demand Draft for EMD (if required in tender), and Part-II containing only commercial invoice in a separate sealed envelope, super scribed as commercial bid. Both the technical and commercial envelopes should be kept in large size sealed envelope super-scribed as tender for "name of tender" and addressed to: Dr. O.S. Sastry, Director General, National Institute of Solar Energy, Gurgaon – Faridabad Road, Gwal Pahari, Gurgaon 122003, Haryana, India. The bidders may submit their tenders by post or by dropping it in the tender drop box located at the reception counter of NISE Gurgaon. Closing time and date for receipt of bids at NISE is given in respective tender document.

No.A/02/010/2016-NISE

National Institute of Solar Energy

(An autonomous Institute of Ministry of New & Renewable Energy)

Gwal Pahari, Faridabad-Gurgaon Road, Gurgaon 122003, Haryana

PH: 0124-2853051

Email: nise.mnre@gmail.com

Sealed tenders are invited from reputed suppliers of audio-visual equipment for supply, installation & commissioning of Audio System (wired) for Surya Bhawa at National Institute of Solar Energy located at Gwal Pahari, Faridabad-Gurgaon Road, Gurgaon (Haryana). The details & technical specifications are as follows:

- Instruction for submission of bids**

| | |
|--|--|
| Company profile | Company/agency should be a reputed supplier of subject items and should have experience in same or identical job work mentioned in tender document. A brief introduction of company along with registration certificate shall be appended with quotations. |
| The company/representative(s) of the company must visit the campus before submitting the bids. | |
| Earnest Money | Rs.50,000/- only (refundable to the unsuccessful bidders without any interest) by Demand Draft drawn in favor of "National Institute of Solar Energy" payable at Gurgaon. The successful bidder shall have to furnish Security Deposit of 10% for the contractual amount. **Bidders who are exempted from submission of EMD shall provide the relevant certificate** |
| Last date for submission of bids | 1.00 P.M. on 31/05/2016 |
| Date of opening of technical bids | 3.00 P.M. on 31/05/2016. |
| Date of opening of commercial bids | The time and date for opening of commercial bids will be intimated to the technically qualified bidders. |
| Submitting of Tenders | Sealed tenders shall be submitted in two parts i.e. Part-I containing Technical Bid along with Demand Draft for EMD, and Part-II containing only commercial invoice in a separate sealed envelope, super scribed as commercial bid. Both the technical and commercial envelopes should be kept in large size sealed envelope super-scribed as tender for "Audio System for Surya Bhawan" and addressed to: Dr. O.S. Sastry, Director General, National Institute of Solar Energy, Gurgaon – Faridabad Road, Gwal Pahari, Gurgaon 122003, Haryana, India. The bidders may submit their tenders by |

| | |
|--|--|
| | post or by dropping it in the tender drop box located at the reception counter of NISE Gurgaon |
|--|--|

****Bidder found not complying with the instructions shall be summarily rejected.****

| S.N. | Description | Technical specification | Unit | Qty. | Rate |
|------|--|--|-------|---------|-------|
| 1 | Boundary Layer Microphone | <p>On table boundary layer microphone should have following specification: Frequency response: 40 Hz – 20 kHz or better Max. sound pressure level: 140 dB or more Transducer principle: pre-polarized condenser microphone Pick-up pattern: cardioid Acoustics: boundary layer microphone LED light ring: red / green Microphone modes: Toggle on/off Push to mute & Push to talk</p> | Nos. | 24 unit | _____ |
| 2. | DSP for Boundary Layer Microphone | <p>SITC of 12 AEC Inputs and 8 Output DSP with inbuilt USB Audio port for upto 8 channel audio recording in a PC or laptop. The DSP Should support Digital Audio Networking with AVB for connecting multiple units together. The DSP shall support Ethernet connection for programming and control on a RJ-45 connector. The DSP shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The DSP shall include a RS-232 connection for control data transmission and such operation shall be software programmable.</p> | Nos. | 02 unit | _____ |
| 3. | Audio Cable | Copper Heavy three Core Shielded wire for Mic. | Rolls | 08 Roll | _____ |

| | | | | | |
|---|--|--|------|-------------|-------|
| 4 | Audio connectors Audio Cable | Heavy Duty Audio Connector integrated with boundary Microphone 15 XLR-mini Female connector | Nos. | 24 units | _____ |
| 5 | Rack 19" 9U Along with all standard accessories | Rack 9U for housing products consisting of the following specifications:- Castor with Break (set of 4 pcs) 1U Cantilever Tray Fan 90 CFM 23 VAC Power Distribution unit 6 points 5 AMP R/P 1U Blank Panel MS 1U Vent Plates Mounting Hardware (Pkt of 5 Pcs.) | Nos. | 1 unit | _____ |
| 6 | Installation & Programming | Implementation services includes – Design, Engineering , Labour , Installation , Testing and commissioning and training to users at the site to set the systems up and operate the same. And Programming for Audio and Control | Nos. | 1 unit | _____ |

Please ensure the compliance of "Technical Specifications" before sending the quotation. The terms and condition of the Job are mentioned below:

Terms & Conditions:

1. **Quotation:-** Price to be quoted separately as per the proforma given above;
2. **Scope of Work:-** The scope of work would include the following:-
 - a. Supply of audio equipment.
 - b. Supply of accessories related to installation of audio equipment.
 - c. Installation of audio equipment including wire connections.
 - d. Programming & demonstration of audio equipment.
3. **Delivery & Installation:** Material to be delivered within 10 days & installed within 1 month of issuing the Work Order as per the specifications. Payment shall be released as per actual quantity supplied, installed and commissioned.
4. **Warranty:-** The material supplied shall be covered under standard warranty.
5. **Payment :-**
 - a. Invoice shall be submitted by the company after the completion of job work and taxes such as VAT and service tax shall be mentioned clearly in the invoice.
 - b. 100% payment will be made after satisfactory delivery, installation, commissioning, inspection and acceptance of the job work.
6. **Dispute settlement:-** In case of any dispute, the decision of Director General, NISE will final and binding on both parties.

Sealed tenders shall be submitted in two parts i.e. Part-I containing Technical Bid along with Demand Draft for EMD, and Part-II containing only commercial invoice in a separate sealed envelope, super scribed as commercial bid. Both the technical and commercial envelopes should be kept in large size sealed envelope super-scribed as tender for "Audio System (wired) for Surya Bhawan" and addressed to: Dr. O.S. Sastry, Director General, National Institute of Solar Energy, Gurgaon – Faridabad Road, Gwal Pahari, Gurgaon 122003, Haryana, India. The bidders may submit their tenders by post or by dropping it in the tender drop box located at the reception counter of NISE Gurgaon on or before 1:00 P.M. 30th May, 2016.

Sd/-
Dr. O.S. Sastry
DG, NISE