



Indian Institute of Science (IISc)
Bangalore - 560012
(www.iisc.ac.in)

NOTICE INVITING TENDER

under the two-cover bid system

for

**Mounting and commissioning of Solar PV Panels for IISc,
Challakere, Kudapura campus**

Tender No: IISc/CHAL/MC/2021

Date: 21st October 2021

Contact Details for this tender:

The Convener

HAL-IISc Skill Development Center Office

Indian Institute of Science

Bangalore - 560012

Tel : 080- 2293 2800

Email: office.sdc@iisc.ac.in

Indian Institute of Science, Bangalore

Tender Inviting Authority: The Registrar, Indian Institute of Science, Bangalore - 560012

Title of the Tender: Mounting and commissioning of solar PV panels for IISc, Challakere, Kudapura campus

Tender Ref. No.: IISc/CHAL/PV/2021, Date: 21st October 2021

IISc is interested in mounting and commissioning solar PV panels for its Challakere campus. The required technical details including terms and conditions are provided below. Please send us technical and commercial quotes in separate sealed envelopes addressed to The Convener, office of HAL-IISc Skill Development Center, Indian Institute of Science, Bangalore-560012, by **4 PM of 12th Nov 2021.**

A. Item Details and its technical specifications:

The item must consist of the following details (Complete technical details and quantity):

1. Mounting and commissioning of 250kWp/ worth solar PV panels as per enclosed specifications
2. Mounting and commissioning of 1MWp worth solar PV panels as per enclosed specifications

The financial bids must be given in separately sealed covers for item(1) and item(2) above respectively. Depending on the availability of grants, one of the financial bids will be considered for opening.

B. Eligibility Criteria and Terms & Conditions:

1. The bidder must be either Indian OEM (Original Equipment Manufacturer) or its authorized Indian distributor /dealer of the make mentioned in the tender document and for which they are quoting. Valid certificates must be attached.
2. The bidder must have valid GSTIN. Valid certificate must be attached.

3. The bidder shall have minimum turnover of **Rs. 30 Lakhs/per annum** in any three years during the last 5 financial years (2016-17 to 2020-21). The CA certificate to be attached.
4. Vendor must quote for all line-items.
5. The quantities mentioned in the BOQ are approximate. The Quantity in the final order may vary to the extent of 5% maximum.
6. **Turnaround time for any repairs during warranty period:** Dedicated support number with a promised turn around for inspection of 24 hours or lesser (NOT business hours) and service time of not more than one business day. The bidder shall have proper Service Centre / tie up at Bangalore for quick service back up.
7. Minimum warranty should be Two years.
8. The lowest bidder after financial evaluation of the tender should register in Indian Institute of Science through Vendor Information Portal (<https://hellovendor.iisc.ac.in/>). Any payment will be released only after successful registration with this portal.
9. IISc will have absolute right to modify / cancel this tender and accept / reject any bid.
10. Late submission of bids is not permitted.
11. Bids must be in two-cover bid system (Technical Bid and Price Bid). Both the separately sealed bids should be kept in a bigger sealed envelope mentioning our Tender reference no. and name of the item. Technical Bid must contain both the Techno-Commercial Compliance Sheets, related documents, technical literatures, and any other documents (except Price Bid). All pages must be properly sealed (stamped) and signed by the bidder with name & date.
12. Successful bidder will be decided on the basis of overall (grand total of all items taken together) Lowest (L-1) of Price Bid of technically qualified bids.
13. A copy of the tender document (duly sealed and signed by the bidder on pages) must be attached with the technical bid declaring the bidder accepts all terms & conditions of the tender. Conditional bid will be rejected. Price of an item must not be mentioned in the technical bid, failing which the technical bid will be rejected.
14. The quoted cost must include packing, freight, loading, unloading, and on FOR-IISc Bangalore basis. Installation, Fixing and other associated works will be done by the IISc.

15. Important Dates: -

| | |
|--|---|
| Date of publication of tender | 22 nd October 2021 |
| Last Date of pre-bid query to be sent by email only to office.sdc@iisc.ac.in | 2 nd November 2021 at 5.00 PM |
| Pre-bid meeting (Online) (MS Teams online meeting link will be sent to the prospective bidders, whose query will be received by the last date & time as above by email) | 4 th November 2021 at 12:00 Noon |
| Last date & time of submission of bids | 12 th November 2021 at 2:00 PM |
| Opening of Technical Bids | 12 th November 2021 at 4:00 PM |
| Opening of Price Bids (Price Bids will be opened of only those bidders, whose technical bids will be declared qualified by the Technical Committee of IISc for the procurement. Decision of the Committee will be final and binding.) | 16 th November 2021 at 4.00 PM |

Note: IISc will have absolute right to change the date / time.

C. Commercial & Payment Terms:

1. The successful bidder is required to submit Performance Security / Performance Bank Guarantee (PBG) within two weeks of the issue of Purchase order (PO), which will be valid for two months beyond the contractual obligations including warranty period. PBG should be for 3% of the total PO value. Standard rules of GFR will be followed for forfeiting / return of PBG.
2. Any advance payment will be released against the submission of Bank Guarantee (BG). The final payment will be released only after completing satisfactory supply of all items to the satisfaction of IISc team. Any payment will be released only after submission of PBG followed by its verification of genuineness.
3. Place of delivery of bids: The Convener, Office of HAL-IISc Skill Development Center, Indian Institute of Science, Bangalore-560012, INDIA.

Contact Details for this tender:

The Convener
Office of HAL-IISc Skill Development Center
Indian Institute of Science
Bangalore - 560012
Tel : 080- 2293 2800
Email: office.sdc@iisc.ac.in

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Technical Bid

Techno-Commercial Compliance Sheet - 1

| Sl. No. | Eligibility Criteria | Fulfil this criterion (Yes / No) | Details and Proof Attached on page no. |
|---------|---|----------------------------------|--|
| 1. | The bidder must be either Indian OEM (Original Equipment Manufacturer) or its authorized Indian distributor /dealer of the make mentioned in the tender document and for which they are quoting. Valid certificates must be attached. | | |
| 2. | The bidder must have valid GSTIN. Valid certificates must be attached. | | |
| 3. | The bidder shall have minimum turnover of Rs. 30 Lakhs/per annum in any of three years during the last 5 financial years (2016-17 to 2020-21). The CA certificate to be attached. | | |
| 4. | Minimum Warranty of Two Years | | |

Technical Bid (BOQ)

Techno-Commercial Compliance Sheet - 2

Details of Make / Model / Brand quoted (Only can be quoted by one vendor): -

| Sl. no. | Item | Unit | Qty. | Make / Model / (only one model should be clearly mentioned here) |
|----------------|--|-------------|-------------|---|
| 1. | Mounting and commissioning of solar PV panels as per enclosed specs. | Nos. | | |

INDIAN INSTITUTE OF SCIENCE, BANGALORE

PRICE BID

(to be submitted by the bidder in separate sealed cover superscribed as Price Bid)

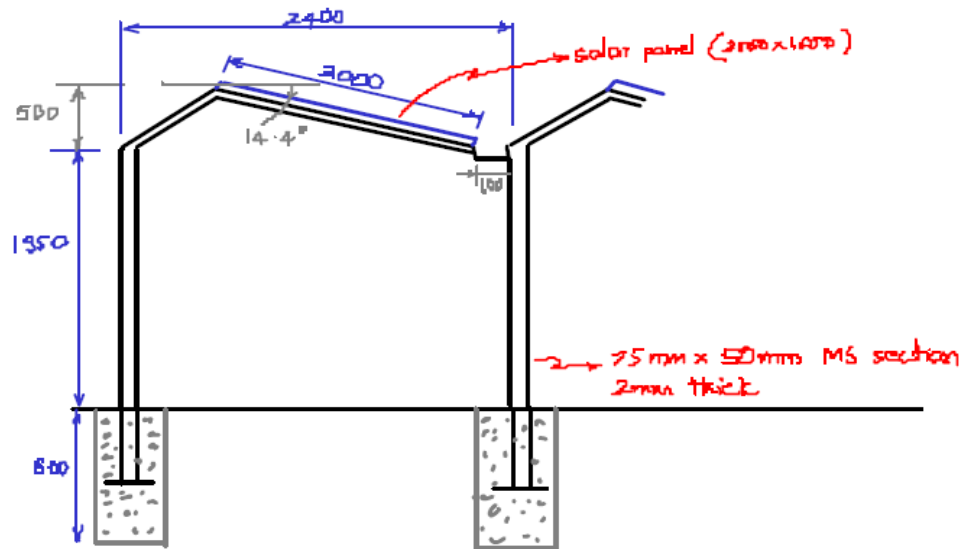
Name, GSTIN & Address of the Bidder:

| Name of work: Mounting & Commissioning of Solar PV Panels for IISc Challakere, kudapura campus. | | | | | | | | |
|---|---|------|------|------------------------------|-----------------|---------------------------------------|--------------------|--|
| Sl no. | Item of work | Unit | Qty. | Basic rate per unit (in INR) | GST Rate in 5 % | Total rate Per Unit with GST (in INR) | Total amount (INR) | Make / Model (only one model should be clearly mentioned here) |
| | | | "A" | "B" | "C" | "D" | (D * A) | |
| 1 | Mounting and commissioning of solar PV panels as per enclosed specs | Nos. | | | | | | |
| Grand Total Amount in Figures in INR (Rs.) | | | | | | | | |
| Grand Total Amount in words in INR (Rs.) | | | | | | | | |

Note: 1. The quoted cost must include packing, freight, loading, unloading, and on FOR-IISc Bangalore basis.

2. All pages must be properly sealed (stamped) and signed by the bidder with name & date.

Solar Panel Mounting Arrangement



All dimensions - mm
Place: IISc, Challakere

1. Should include painting of trusses
2. Should include mounting civil works
3. Should include electrical wiring
4. Each solar panel is 2000mm x 1000mm (approximate)
5. There will be about 675 solar panels for 250 kWp system
or 2500 solar panels for 1000 kWp system
6. Care should be taken for wind forces. Structure should be stable for
at least 12 m/s wind speeds.
7. Rust proof should be considered.