



No. Estt/34/Solar system

Dated: 26 / 07 /2022

Invitation for Bids

Bids are invited from reputed vendors / Service Providers for supply and installation of Solar plant of 50 KW at the Jain Vishva Bharati Institute, Ladnun, Rajasthan.

The firm/company meeting the Qualification requirement as indicated shall submit the proposal / Bid by hand / post / courier or electronically the requisite documents to the Registrar, Jain Vishva Bharati Institute within 07 days from date of issue of this Tender.

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(Ramesh Kumar Mehta)

Registrar



Preface

Jain Vishva Bharti Institute, a Deemed University in Ladnun (Rajasthan) is known for its commitment for integration of modern science with ancient wisdom of the great spiritual practitioners and visionary seers. JVBI is committed to provide highest quality of educational services to the utmost satisfaction of the students and give them an opportunity to cultivate an integrated personality blended with spirituality and moral values.

University torch bearers have taken a responsibility for this investment to nurture the Next-Gen leaders with a vision to bridge the existing skill gap by way of providing not only the skilled personnel but also the human resources with values.

There are four core Departments in the University, which include Prakrit, Jainology, Non-violence & Peace and SoL. In addition to these Departments, Departments of Social Work, Education, English and Directorate of Distance Education are functioning. These Departments impart instructions at the postgraduate and doctoral level. A constituent college dedicated for girl's education has also been established.

Renewable Energy intervention

JVBI envisages the use of Renewable energy sources at the institute so that the carbon footprint of the institute may be diminished. In pursuance of its objective to protect the environment and use the renewable energy as much as possible, the institute is moving towards installation of solar power plant for generating and consuming electricity. This shall be a long term investment with a goal of achieving maximum output without detrimental effect on nature. The region is situated in a place where irradiation from sun is healthy and hence the solar energy may be leveraged to electrify the institute. The installation shall also help immensely in the reduction of electricity charges of the Institute and shall be a long term investment thus reducing recurring costs of the Institute.

PART A

Features of the proposed system:

Following are the key features of the proposed Solar plant.

- The system to be installed should be connected ON- Grid to the main supply
- The system to be installed should be of 50 KW.
- The system shall be installed on the roof of the Institute at a suitable place for ease of access
- The system shall help in reducing the electricity charges of the Institute
- Compliance report to be submitted at the end of the work
- File handling charges and all other costs to be included in the proposal



PART B

1. Invitation of Bids / Proposals

This tender is an invitation to the Tenderers for carrying out following tasks for JVBI:
Supply and installation of Solar plant of 50 KW at the Jain Vishva Bharati Institute, Ladnun, Rajasthan

1. Bidders are advised to study the Tender Document carefully. Submission of Tender/ Proposal shall be deemed to have been done after careful study and examination of the Tender Document with full understanding of its implications.

2. Bids to be prepared in accordance with the procedures submitted to the Institute having technical and commercial proposal.

3. This document is not transferable

Name : Jain Vishva Bharati Institute

4. The language of proposals should be English

5. Tenders to be submitted to :

Registrar

Jain Vishva Bharati Institute

Ladnun,

Dist: Nagaur

Rajasthan

Pin: 341 306

Email:jvbidladnun@gmail.com

6. Techno commercial Bid should have proposed Implementation methodology, Customization methodology and development tools and detailed technical specifications for undertaking Tasks. The Bidder shall indicate the firm price for indicated Tasks / scope of work.

2. Generic Specifications

1. Ratings of the system : 50KW On Grid

2. Solar Panel make :

3. Make: Adani / Rayzon / Renewsys / Solar Maxx/ Vikram / Waree / Luminous / Trina / LG / Microtek / Su-Kam / Solarium / Solodine / reputed brand

Technology : Polycrystalline / Multicrystalline / Monocrystalline

Warranty : Minimum 25 years standard

Efficiency: > 90 % for first 10 years, >80% for 10-20 years and >70% beyond 20 years

4. Mounting structure

Hot Dip steel structure

Warranty : >= 25 years



5. Solar Inverter
Make: Su - kam / Loom Solar / Sun Grow / Polycab / Havells / Microtek / HPL / Microtek / Luminous / K-Solar / other reputed brand

Ratings : ≥ 50 KVA, three phase
6. DC Cable for inverter: Copper, ≥ 4 sq mm
7. AC Cable : ≥ 50 sq mm, four core, Aluminium
Make : Havells / Polycab / KEI / other reputed brand
8. Software for remote monitoring
9. 5 earthing (Lightning arrestors included), electrode type
10. Installation, Engineering, drawings, packaging, civil work, liasioning and transportation of material to be done by vendor
11. Any other charges to be borne by the vendor
12. Compliance report to be submitted at the end of the work
13. All prices to be given FOR, Ladnun, Rajasthan

3. Scope of supply

- (Bid price to include all cost components) : Supply, Installation, Engineering, drawings, packaging, civil work, liasioning, transportation and Commissioning of Goods and plant.
- All prices to be given FOR, Ladnun, Rajasthan

4. Additional Terms and Conditions

1. The Bidder and their personnel shall not, either during the term or after expiration of work order, disclose any proprietary or confidential information relating to the services, agreement or the Institute's business or operations without the prior written consent of the Institute.
2. If a Force Majeure situation arises, the Bidder shall promptly notify the Institute in writing of such conditions and the cause thereof. Unless otherwise directed by the Institute in writing, the Bidder shall continue to perform its obligations under the work order/agreement as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
3. The Registrar reserves the right not to accept any proposal and to annul the Tender process and reject all proposals at any time prior to award of work order, without thereby incurring any liability to the affected Bidders or any obligation to inform the affected Bidders of the grounds for the action.
4. The Institute reserves the right to accept / reject the solution by the Bidder.