



**Government of India
Department of Space
Indian Space Research Organization
Indian Institute of Remote Sensing, Dehradun**

Expression of Interest (EOI)

Ref : IIRS/CMD/EOI/02/2012

Date : 11.10.2012

Indian Institute of Remote Sensing is planning to establish a **“60 KWp Capacity Grid Interactive PV based Solar Power Plant”** in its campus situated in Dehradun city. Manufacturers, agencies having experience in setting up such systems are invited to submit their EOI by 1600 Hrs on 31.10.2012. Please visit our website www.iirs.gov.in for detailed EOI.

Head, CMD

INVITATION FOR EXPRESSION OF INTEREST FOR SETTING UP OF 60 KWp GRID INTERACTIVE SOLAR POWER PLANT

INTRODUCTION :

Indian Institute of Remote Sensing (IIRS) is situated in Dehradun. IIRS, as a process of expansion, is proposing to establish a 60 KWp capacity grid interactive solar PV power plant in the campus with a provision for future expansion. The intended system will be integrated with the Low Tension (LT) power distribution system of the campus to meet the internal electricity requirements.

BRIEF SCOPE OF PROJECT :

Design , engineering, manufacture, quality surveillance, testing at manufacturer's works, packing, supply, erection, testing and commissioning and performance testing of **"60 KWp grid interactive solar photovoltaic system(GISPVS)"** with associated components for installation at IIRS campus.

These systems shall be complete with PV modules, inverter, metering, junction boxes, AC, DC distribution boards and cables, communication interface, and any other equipment necessary for safe and efficient operation of the GISPVS. The work shall also include interconnection of GISPVS with the LT distribution for meeting internal power requirement.

The internal power requirement at IIRS, Dehradun is for critical applications like data acquisition/ Image processing, remote sensing and also training, education and research. Hence, the power requirements should be of highest quality, reliability and redundancy. The proposed Solar Power Plant should meet the essential requirements as indicated above.

ELIGIBILITY CRITERIA :

Following are the minimum qualifying requirements for the firm, who intend to express their interest.

1. The bidder shall be an established agency having adequate experience in executing similar grid supported solar power projects in India on turnkey basis, Solar power station of minimum capacity 60 KWp at a single location in the last five years. (Evidence supported by purchase orders and project completion certificates).
2. The bidder should have an annual turnover of not less than 3 Crore in any last three completed financial years (Supported by audited balance sheets).
3. The bidder should be an original manufacturer of solar photovoltaic systems at SPV panel level for the past three years having capacity of manufacturing PV modules not less than 5 MWp (Supported by OEM certificates).
4. The bidder should have experience in operation and maintenance of solar power stations totaling to a capacity of 500 KWp in India with minimum 4 nos. of 60 KWp each in the last 5 years (Supported by client's AMC orders/performance certificates).

SELECTION PROCESS :

The selection process would be of following two steps.

- Step 1 : Short listing based on documents submitted by the firm along with the expression of interest, in proof of satisfying all the four eligibility conditions given above.
- Step 2 : Subsequent evaluation on the competency and other technical merits of the product and also the financial capabilities during the presentation. This will be carried out by a technical evaluation committee (TEC) of IIRS. TEC, if necessary, will inspect the projects already carried out by the vendors, as well as their manufacturing facilities for finally deciding on the selection at this stage.

Only those firms who satisfy step 1 will be invited for the evaluation process under step 2. Only those firms who are finally short listed after step 2 will be qualified for further participation of the tender.

Shortlisted vendors will be provided with full set of tender documents to furnish their tender proposal in two part Bid system i.e. Techno-commercial bid and Price bid.

SUBMISSION OF EOI :

Firms meeting the above eligibility criteria and interested in participating shall submit their application along with all copies of all relevant documents (to establish their eligibility), to the **Head CMD, Indian Institute of Remote Sensing, 4-Kalidas Road, Dehradun-248001, Uttarakhand** in a sealed envelope super scribing **“EXPRESSION OF INTEREST FOR ESTABLISHING GRID INTERACTIVE SOLAR POWER PLANT AT IIRS, DEHRADUN,”** so as to reach Head CMD, IIRS before **1600 hrs on 31st October 2012**. IIRS reserves the right to reject any or all EOIs without assigning any reason thereof.