



भारत सरकार/Government of India  
अंतरिक्ष विभाग/Department of Space



भारतीय अंतरिक्ष अनुसंधान संगठन/ Indian Space Research Organization  
भारतीय सुदूर संवेदन संस्थान/ Indian Institute of Remote Sensing,  
देहरादून/Dehradun

अभिरुचि पत्र/Expression of Interest (EOI)

सं.: भा.सु.सं.सं./नि.अ.प्र./03/2015-16

Ref. : IIRS/CMD/EOI/03/2015-16

दिनांक/Date : 09.10.2015

देहरादून शहर में स्थित भारतीय सुदूर संवेदन संस्थान अपने परिसर में "आईपी आधारित उच्च सुरक्षा विधुत फेंसिंग प्रणाली" को उपलब्ध कराने की योजना बना रहा है. ऐसी परियोजना का रूपांकन एवं आपूर्ति, स्थापना, परीक्षण और कमीशनिंग सहित अनुभव रखने वाले मूल उपकरण निर्माता (ओ.ई.एम.) और प्राधिकृत सिस्टम इंटीग्रेटर्स को दिनांक 09.11.2015 के 1600 बजे तक अपने अभिरुचि पत्र (ई.ओ.आई.) प्रस्तुत करने के लिए आमंत्रित किया जाता है। विस्तृत अभिरुचि पत्र (ई.ओ.आई.) के लिए हमारी वेबसाइट [www.iirs.gov.in](http://www.iirs.gov.in) पर जाएं।

**Indian Institute of Remote Sensing** is planning to provide "IP based high security power fencing system" in its campus situated in Dehradun city. OEMs and Authorised system integrators having experience in such projects, including Design & SITC, are invited to submit their EOI by 1600 Hrs. on 09.11.2015. Please visit our website [www.iirs.gov.in](http://www.iirs.gov.in) for detailed EOI.

प्रमुख, निर्माण एवं अनुरक्षण प्रभाग/  
Head, Construction & Maintenance Division

**भारत सरकार/Government of India**  
**अंतरिक्ष विभाग/Department of Space**  
**भारतीय अंतरिक्ष अनुसंधान संगठन/ Indian Space Research Organization**  
**भारतीय सुदूर संवेदन संस्थान/ Indian Institute of Remote Sensing,**  
**देहरादून/Dehradun**

**Sub : Expression of Interest (EOI) for Design and SITC of IP based high security power fencing system at IIRS Campus, Dehradun.**

**Ref. : EOI No. : IIRS/CMD/EOI/03/2015-16, dated : 09.10.2015**

**INTRODUCTION:**

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, and Government of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics. IIRS is planning to set up **“IP based high security power fencing alongside the existing boundary wall** (approx. 1.6 KM long) to strengthen the security of the campus at Dehradun.

**BRIEF SCOPE OF PROJECT:**

The scope shall include the complete design, engineering, supply, delivery, installation, testing and commissioning of a fully functional IP based high security power fence over the dwarf wall, with integrated Video surveillance system, Audio Hooter, Floodlighting and Central Monitoring System (CMS) software.

- i. Supply and erection of power fence covering peripheral length of approximately 1.6 km.
- ii. Scope of work includes construction of Dwarf wall or retaining structures to support the fence.
- iii. Supply and installation of power fence field controllers, energizers, Video surveillance system, Audio Hooter, Floodlight and Central Monitoring System etc.
- iv. Supply and installation of Solar Panels, Batteries and charge controllers for powering the energizer, controller, UPS, Battery, network switches etc.
- v. Design, supply and laying of suitable size armored power cable to meet the power requirement of flood light, controller cabinet, camera, audio hooter, etc.,
- vi. A static audiovisual (GUI mimic) panel at CMS indicating fence perimeter, zones, and fence status (Arm/Disarm/Alarm).
- vii. Warranty and operational maintenance of the total system for a minimum period of 12 months after acceptance of the system
- viii. Comprehensive Annual Maintenance Contract for a period of 5 years following the warranty period.
- ix. Training a team of IIRS personnel in maintenance and operations of the system along with service manuals.



10. **Note** : It may be noted (as an advanced information) that, following important conditions, along with other terms and conditions, shall be fulfilled by the vendors during the tender process :

- a) Bank Solvency Certificate' in original issued not before 01<sup>st</sup> October, 2015 for ₹ 15 lakhs shall be enclosed with 'Technical Bid'.
- b) The bidder needs to furnish certificates in original from the Original Equipment Manufacturers (OEM) for the Equipment & Software that the bidder is an authorized dealer/agent for the OEM and undertaking from OEM that they shall be responsible for after-sales service for not less than a period of 5 years, in case the successful bidder is unable to give proper service.

### **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 eligibility conditions given above.
- Step 2 : Subsequent evaluation on the competency and other technical merits of the products, technological feature, immunity to false alarms etc., 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 may submit their EOI 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 **“EOI for Design and SITC of IP based high security power fencing system at IIRS, DEHRADUN,”** so as to reach Head CMD, IIRS before **1600 hrs. on 9<sup>th</sup> November 2015**. IIRS reserves the right to reject any or all EOIs without assigning any reason thereof.

**(Head, CMD)**