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 for detailed EOI.

Head, Construction & Maintenance Division
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.,
vii. 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.
x. Standards to be followed for power fence: IEC 4737 and IEC 60335-2-76 and other relevant codes/standards.

xi. It may be noted that 80% of proposed length of the fence will be on slopy area associated thick vegetation and rough terrain.

xii. The IP based power fence system shall be able to integrated with our existing Integrated ACS & VS system having BOSCH BIS 4.0 software.

**ELIGIBILITY CRITERIA:**

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

1. The bidder shall have a minimum of five years of experience in the high security power fencing system. (Evidence supported by purchase orders and project completion certificates).
2. The bidder shall have a turn-over of not less than Rs.3Crores per annum during the last three financial years. (Supported by audited balance sheets).
3. The bidder shall have experience in operation and maintenance of high security power fencing system in the last three years. (Evidence supported by purchase orders & Performance certificates)
4. The bidder shall have earned profit during the last three years.
5. The bidder shall have his own sufficient technical expertise/manpower and infrastructure to execute this project in a true professional manner. Details of manpower shall be enclosed to the EOI.
6. The bidder shall have prior experience in executing two similar projects of not less than ₹ 1.50 Crores each during the past three years. (Evidence supported by purchase orders and project completion certificates).
7. The bidder shall be an ISO certified company.
8. The bidder shall clearly indicate the technology know-how & OEMs of various major components i.e. a) power fence & its components b) solar power, UPS & battery (C) video surveillance equipment & software.
9. Following compliance statement shall duly filled in along with page nos. of your EOI document.

<table>
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<tr>
<th>S. No</th>
<th>Name of the firm</th>
<th>Contact Person</th>
<th>Contact No</th>
<th>Experience (Min. 5 Years in high security power fencing systems)</th>
<th>Annual Turnover (not less than 3 crores in the last 3 years)</th>
<th>Operation &amp; Maintenance (5 Years)</th>
<th>Profit in Last 3 Years</th>
<th>Own Sufficient technical expertise &amp; Manpower</th>
<th>Experience in 2 similar projects (Not less than 1.5 Crores in Last 3 years)</th>
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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 01st 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 form 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 step2. 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 9th November 2015.** IIRS reserves the right to reject any or all EOIs without assigning any reason thereof.

(Head, CMD)