

भारत सरकार / GOVERNMENT OF INDIA
अन्तरिक्ष विभाग / DEPARTMENT OF SPACE
राष्ट्रीय सुदूर संवेदन केंद्र / NATIONAL REMOTE SENSING CENTRE
बालानगर, हैदराबाद / BALANAGAR, HYDERABAD – 500 037

Dt.11.10.2018

ईओआईसूचनासं. : एनआरएससी / ईओआई / NRSC/HPS/01/UNIT-3/2018-19
EOI Ref.No.NRSC/HPS/01/UNIT-3/2018-19

अभिरुचि की अभिव्यक्ति स्मार्टक्लासरूमकी स्थापना के लिए
EXPRESSION OF INTEREST (EOI) FOR ESTABLISHMENT OF SMART CLASS ROOM

भारतके राष्ट्रपति के लिए और उनकी ओर से वरि. प्रधान, क्रय एवं भंडार, राष्ट्रीय सुदूर संवेदन केंद्र, हैदराबाद, निम्नलिखित के लिए इच्छुक भारतीय विक्रेता से अभिरुचि की अभिव्यक्ति (ईओआई) आमंत्रित करते हैं।
On behalf of President of India, Head, Purchase & Stores, National Remote Sensing Centre, NRSC, Hyderabad invites Expression of Interest (EOI) for the following.

Sl.No.	EOI NO.	संक्षिप्त विवरण BRIEF DESCRIPTION	नियत तिथि और समय DUE DATE & TIME
1	NRSC/HPS/01/UNIT-3/2018-19	एनआरएससी आउटरीच सुविधा, जीडीमेट्ला में स्मार्टक्लासरूम की स्थापना Establishment of Smart class room at Outreach facility, NRSC, Jeedimetla, Hyderabad	12/11/2018 & 1500 Hrs.

काम का संक्षिप्त दायरा, समग्र विनिर्देश और ईओआई जमा करने के लिए अन्य विवरण एनआरएससी वेबसाइट www.nrsc.gov.in पर उपलब्ध हैं। इच्छुक पक्षों से अनुरोध है कि वे वेबसाइट से इसे डाउनलोड करें और 12.11.2018 को 1500 बजे से पहले या उससे पहले नीचे दिए गए हस्ताक्षर किए गए प्रासंगिक विवरण और दस्तावेजों के साथकेवल मुहरबंद कवर में ईओआई जमा करें।

Brief scope of work, overall specifications and other details for submission of EOI are available on NRSC website www.nrsc.gov.in. Interested parties are requested to download the same from the website and submit the EOI, with relevant details and documents to the undersigned on or before 12.11.2018 by 1500 Hrs. in sealed cover only.

पूर्व-चर्चाएं और साइट निरीक्षण 24.10.2018 को जीडीमेट्ला परिसर में 1100 बजे आयोजित किए जाएंगे जिसके लिए 22.10.2018 को या उससे पहले प्रतिभागियों द्वारा purchase_unit3@nrsc.gov.in पर मेल द्वारा पुष्टि करने की आवश्यकता है।

Pre-discussions and site inspections will be organized on 24.10.2018 @ 1100 Hrs at Jeedimetla campus and attendance is required to be confirmed by the participants on or before 22.10.2018 at purchase_unit3@nrsc.gov.in.

Dt.11.10.2018

Sd/-
Head, Purchase & Stores



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स्मार्ट क्लास रूम **Smart Class Room**

अभिरुचि की अभिव्यक्ति (ईओआई) Request for Expression of Interest (EOI)

जीडीमेट्ला आउटरीच सुविधा में स्मार्ट क्लास रूम की स्थापना के लिए

For establishment of Smart Class Room at Jeedimetla Outreach Facility

परिचय Introduction

National Remote Sensing Centre has established Outreach Facility at Jeedimetla campus to cater to capacity building and outreach activities of NRSC. NRSC is striving to enhance the Capacity Building process of utilization of Space Technology, Remote Sensing and GIS Products and the associated Geoportals in the country.

To provide an enhanced interactive learning experience to the participants of the training programme NRSC intends to establish state of art Smart Class Room with innovative technology at Jeedimetla Campus, NRSC.

Smart class room is aimed towards creating a facility for the training of 200 participants with interactive equipments and smart display system available in the classroom. The participants shall have provision to access the training material either in class room mode or through interactive web sessions. This facility will also be used for webinars and to interact with individual participants.

1. ईओआई का उद्देश्य Purpose of EOI

This Request for Expression of Interest (EOI) is invited from the competent parties for the supply of furniture, equipment, installation, commissioning, training and maintenance of the end to end solution of Smart Class Room Facility on turnkey basis.

The purpose of the EOI is to facilitate the firms to show their interest in establishing the smart class room facility (200 capacity) by providing the necessary information and their

capability in successfully executing it. The parties would be presenting their plans to NRSC on invitation. The details of the components, quantity and the specifications are provided

2. घटक, मात्रा और विनिर्देश Components, Quantity & specifications

The smart classroom with a capacity of 200 shall consists of Data centre, Class room accessories, Content creation and the Furniture as follows (And not limited to)

- Smart Main Visualization Facility for demonstrating Applications
- Smart Main Interactive Boards
- Large LCD screens to facilitate collaborative work
- Interactive smart display system, audio visual equipment on the desk of each user
- Seating arrangement for 200 participants.
- Projection System, Document Camera and Transmission System
- Provision of Internal Network which will be connected to suitable outside network
- Display control room/operator room
- Necessary Peripherals
- 360-degree glass marker boards around the edges.
- Audio Video Recording Software along with Feedback Assessment System
- Audio and video recording equipment (Recording equipment in redundant configuration)
- Camera and interactive response systems
- Multimedia Suite for content editing
- Multimedia Suite for Recording & streaming
- Systems with touch screen for each participants - The server/ software and integration of 200 system needs to be provided by the vendor
- Software to support interactive instruction and curriculum projects
- Excellent Illumination & lighting conditions
- Establishment of silent A/C's for the entire class room
- Foldable terminal at each participant
- Suitable acoustics. Suitable fire retardant panelling for the walls for echo cancellation
- Hanging displays at appropriate distance
- Internal UPS power distribution to be established in redundant configuration for all critical systems.
- Suitable smoke / fire detection and suppression system
- Audience Response system to enable 200 participants to respond to the questions of instructor with features to conduct and evaluate online exams.
- Virtual lab environment for dynamic creation and sharing of lab environment for 200 participants.
- Language converter module

3. कक्ष का आयाम Room Dimensions

- Size of hall is 17.5 m x 23.7m x 9.0 m. The hall is ready for inspection.

4. ईओआई के साथ दी जाने वाली आवश्यक जानकारी Information required along with Eoi

- Company profile and Key personnel
- Previous experience of designing, building a smart class room
- List of smart class room established
- Layout of solution
- Technical details about the components of smart class room

5. नियम और शर्तें Terms & conditions

- This Eoi is to explore the vendors for establishment of smart class room of 200 capacity.
- After evaluation of all technical proposals and their feasibility of implementation, NRSC will issue RFP to all the technically competent bidders for construction of smart class room based on the assessment of Eoi done by technical team of NRSC.
- The interested parties may be asked to come to Hyderabad to make presentation, if required.

6. साइट निरीक्षण और स्पष्टीकरण Site inspection & clarifications

- The interested parties who wish to submit response to EOI notice can participate in pre discussions and inspect the site on the same day. The meeting and site inspection will be organized on 24.10.2018 at 1100 Hrs at NRSC Jeedimetla campus. The participants will have to confirm their attendance by e-mail to purchase_unit3@nrsc.gov.in on or before 22.10.2018.