

भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
क्रय यूनिट/PURCHASE UNIT-II
विक्रम साराभाई अंतरिक्ष केंद्र/VIKRAM SARABHAI SPACE CENTRE
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अभिरुचि की अभिव्यक्ति/EXPRESSION OF INTEREST

सं. वीएसएससी/एसपीएल/ईओआई/आरएमएलएस/2024/01

No. VSSC/SPL/EoI/RMLS/2024/01

दिनांक/Date: 27.06.2024

वायुमंडलीय परिच्छेदन हेतु रैले लिडार सिस्टम के लिए बड़े पैमाने पर दूरबीन अभिग्राही की अभिकल्पना, विकास, संस्थापन, परीक्षण एवं कमीशनिंग के लिए अभिरुचि की अभिव्यक्ति
Expression of Interest for Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver for Rayleigh Lidar System for Atmospheric Profiling

वीएसएससी भावी बोलीकर्ताओं से वायुमंडलीय परिच्छेदन हेतु रैले लिडार सिस्टम के लिए बड़े पैमाने पर दूरबीन अभिग्राही की अभिकल्पना, विकास, संस्थापन, परीक्षण एवं कमीशनिंग के लिए अभिरुचि की अभिव्यक्ति आमंत्रित करता है। इच्छुक पार्टी हमारे संदर्भ सं. वीएसएससी/एसपीएल/ईओआई/आरएमएलएस/2024/01 का उद्धरण करते हुए 26/07/2024 [16:00 Hrs.] को या उससे पहले निम्नलिखित पते पर अपनी अभिरुचि की अभिव्यक्ति दे सकते हैं। VSSC invites, EoI from prospective bidders for Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver for Rayleigh Lidar System for Atmospheric Profiling. Interested parties may furnish their Expression of Interest in Sealed Envelope quoting our Reference No. VSSC/SPL/EoI/RMLS/2024/01 on or before 26/07/2024 [16:00 Hrs] to the following address:

वरि. क्रय एवं भंडार अधिकारी / Sr. Purchase & Stores Officer,
क्रय यूनिट/Purchase Unit- II,
आरएफएफ क्षेत्र, इसरो पीओ/ RFF Area, ISRO. PO,
तिरुवनंतपुरम/Thiruvananthapuram- 695022.
फोन/Ph: 0471-256 2425/2062

नोट/Note :- मेक इन इंडिया नीति के अनुसार केवल श्रेणी-I तथा श्रेणी-II के स्थानीय आपूर्तिकार इस बोली में भाग लेने हेतु पात्र हैं। / Only Class-I and Class-II Local suppliers as per Make in India policy are eligible to participate in the bid.

ईओआई दस्तावेज़ हमारे वेबसाइट www.isro.gov.in एवं www.vssc.gov.in में उपलब्ध हैं।
EoI documents are available at our website www.isro.gov.in and www.vssc.gov.in.

हस्ताक्षरित/Sd/-
वरि.प्रधान, क्रय एवं भंडार/Sr.Head, Purchase & Stores



Government of India
Department of Space
Vikram Sarabhai Space Centre
Indian Space Research Organisation
Thiruvananthapuram-695022, Kerala
Tel: (0471) 256-2387/2425
Email: spo_avn_pur@vssc.gov.in, pso3_avn_pur@vssc.gov.in

No: VSSC/SPL/EoI/RMLS/2024/01

Dated 27.06.2024

INVITATION FOR EXPRESSION-OF-INTEREST

Executive Summary

Space Physics Laboratory (SPL), a unit under Vikram Sarabhai Space Centre (VSSC), is one of the premier science laboratories of ISRO, dedicated for research in the frontier areas of Atmospheric, Space and Planetary Sciences.

VSSC invites Expression-of-Interest (EoI) from competent manufacturers/developers for the ***Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver for Rayleigh Lidar System for Atmospheric Profiling*** for SPL, VSSC on a turn-key basis, at an identified location in the premises of ISRO Propulsion Complex (IPRC), Mahendragiri, Tirunelveli District, Tamil Nadu, and imparting training to identified VSSC personnel for the operation & maintenance of the system.

The envisaged Large-Area Telescope Receiver comprises of Newtonian telescope system having clear aperture diameter of ~800 mm, with 2-channel back-end optics assembly, for collecting the backscattered laser signals from the atmosphere (i.e., backscattered photons from a vertically transmitted laser into the atmosphere), to derive the altitude profiles of temperature, in the 30-80 km altitude region. Scope of the work entails the end-to-end development of the system, including design and fabrication of the telescope along with 2-channel back-end optics assembly, and their integration, installation, alignment of telescope axis with the vertically transmitted laser beam, testing and commissioning of the system, and imparting training. The system will be accepted only after successful test runs and operation as an integrated atmospheric Rayleigh lidar system at the installation site.

Parties having profound knowledge and prior experience in the design and development of large-area telescopes and similar optical systems and having a sound financial background, are invited to participate in the EoI. On receipt of the EoI, VSSC shall evaluate and determine its suitability prior to short-listing of parties for subsequent proceedings. This call for EoI does not carry with it any guarantee for allotment of contract.

The EoI should clearly indicate the expertise of the party in the design and development of large-area telescopes and optical systems, their involvement and realization in similar projects in the past, and status of these projects at present. Company profile of the bidder, areas of expertise, manpower, facilities available, annual turnover and previous experience in other projects should be included.

Parties can visit the websites www.isro.gov.in and www.vssc.gov.in for more details on the EoI, and submit their proposals within the due date and time. The proposal shall be submitted as an "Expression of Interest" with all essential information, to the Senior Purchase & Stores Officer, Purchase Unit – II, VSSC, Thiruvananthapuram-695022, on or before **26th July 2024 (16:00 IST)**. Inadequate or incomplete information will result in rejection of the offer. VSSC reserves the right to accept or reject all or any of the EoI. Mere compliance to the EoI terms does not guarantee further consideration for qualification.

Expression of Interest (EoI)

**For Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver for
Rayleigh Lidar System for Atmospheric Profiling**

*for Space Physics Laboratory (SPL), Vikram Sarabhai Space Centre (VSSC)
at ISRO Propulsion Complex (IPRC), Mahendragiri, Tirunelveli District, Tamil Nadu*



VIKRAM SARABHAI SPACE CENTRE
INDIA SPACE RESEARCH ORGANISATION
DEPARTMENT OF SPACE, GOVT. OF INDIA
THIRUVANANTHAPURAM -695022, KERALA, INDIA

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1. Introduction

- 1.1 **Indian Space Research Organisation (ISRO)**, Department of Space (DoS), Government of India (GoI) is the premier organization in India responsible for space research and development of space-based systems comprising launch vehicles, satellites and ground segment facilities to meet the country's application requirements in communication, broadcasting, space science and remote sensing.
- 1.2 **Vikram Sarabhai Space Research Centre (VSSC)** is a leading institution under the Indian Space Research Organisation (ISRO), Department of Space (DoS) primarily responsible for the research and development of launch vehicle systems.
- 1.3 **Space Physics Laboratory (SPL)**, a Unit under **VSSC**, is one of the leading national laboratories dedicated for research activities in the frontier areas of atmospheric, space and planetary sciences, starting from the atmospheric boundary layer to the ionosphere-magnetosphere and planetary atmospheres.
- 1.4 VSSC is planning to establish a state-of-the-art **Rayleigh-Mie Lidar System (RMLS)** for vertical profiling of aerosols and temperature in the lower and middle atmosphere, at an identified location in the premises of **ISRO Propulsion Complex (IPRC), Mahendragiri**, Tirunelveli District, Tamil Nadu. IPRC is an ISRO Centre equipped with state-of-the-art facilities necessary for realising the cutting-edge technology products for ISRO's space research program. For this purpose, VSSC invites proposals from competent manufacturers/developers (hereinafter referred to as parties) having good infrastructure and technical expertise, for the **Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver**, as part of RMLS for SPL, VSSC on a turn-key basis, and providing training to the identified VSSC personnel for the operation and maintenance of the system.
- 1.5 RMLS is a sophisticated lidar system comprising of a powerful laser transmitter (532 nm, ~800 mJ energy per pulse), two independent telescope receivers (Rayleigh and Mie), detectors, data acquisition and control electronics. The envisaged Large-Area Telescope Receiver, comprising of ~800 mm dia. Newtonian telescope system and associated back-end optics assembly near the telescope focal plane, is for Rayleigh mode of lidar operation, for obtaining altitude profiles of backscattered laser signals with excellent signal-to-noise ratio (SNR) at high temporal & vertical resolutions for subsequently deriving the altitude profiles of temperature, in the 30 to 80 km altitude region.
- 1.6 The objective of the present document is to solicit Expression of Interest (EoI) from potential reputed manufacturers / developers / parties with requisite expertise, for participating in the bid process (two-part tender) for the **Design, Development, Installation, Testing and Commissioning of Large-Area Telescope Receiver** as part of RMLS for SPL, VSSC, on a turn-key basis, at IPRC, Mahendragiri, Tirunelveli District, Tamil Nadu.

2. Scope of the Work

The scope of the proposed work entails the end-to-end development of the Large-Area Telescope Receiver, which includes the design and fabrication of the large-area telescope along with the back-end optics assembly (near the telescope focal plane), and their integration, installation, alignment with the vertically transmitted laser beam, testing and commissioning of the complete system. The laser transmitter will be made available by VSSC at the installation site. The party has to demonstrate the performance of the system during the development phase (at the factory site) and during the installation and commissioning phase (at IPRC, Mahendragiri). The system will be accepted and commissioned only after the successful test runs and operation as an integrated atmospheric Rayleigh lidar system at the installation site. The scope of the work also includes imparting adequate training on the operation and maintenance of the system, to the identified VSSC personnel.

The primary function of the Large-Area Telescope Receiver is photon flux collection, that is the collection of backscattered laser signals (photons) from the atmosphere. Accordingly, the telescope should be designed and realized as a zenith-looking system, pointing vertically upwards into the atmosphere. It should be noted that the telescope application is for radiation flux collection and not for imaging purpose.

3. General Instructions for the submission of Expression of Interest (EoI)

- 3.1 Interested parties are invited to submit their Expression of Interest (EoI), clearly indicating the expertise in the design, development, installation, testing and commissioning of large area telescope systems, their involvement and realization in similar projects in the past and status of these projects at present. Company profile of the bidder including the facilities and manpower available, areas of expertise and previous experience in other projects should be included.
- 3.2 If required, the party submitting EoI may be invited for further discussions at VSSC for assessment of the capabilities stated in the EoI and for providing any clarifications. VSSC also reserves the right to disqualify any bidder, should it be so necessary at any stage.
- 3.3 The parties submitting their proposals should be manufactures/developers of large area telescope systems, having good infrastructure and technical expertise for undertaking the activities proposed in this document on a turn-key basis.
- 3.4 The party should have previous experience and proven track-record in all or most of the following:
 - (i) design, development, installation and testing of optical systems
 - (ii) demonstrated expertise in the development, integration and installation of large-area telescopes
 - (iii) expertise and technical capabilities for precise optical alignment related to lidar or similar optical systems
 - (iv) utilization of detectors and electro-optical subsystems for detecting optical signals
- 3.5 Details of the expertise in the above activities and documented proof for the demonstrated capabilities should be attached along with the EoI. This should clearly state the following aspects of similar systems already developed, supplied and commissioned, if any, by the party, including the details of Purchase Orders, year of development and present operational status:
 - (i) telescope design, configuration, primary mirror size and other system-level specifications
 - (ii) technical specifications and major features of such systems
 - (iii) actual role and contribution of the party in the development of the above systems
 - (iv) after-sales services being provided by the party, including the undertaking of annual maintenance contracts (AMCs) for telescope systems
 - (v) Purchase Orders received and details of the end users
 - (vi) current operational status of the optical systems designed and developed by the party and reliability of these systems for providing research quality data
 - (vii) published technical papers describing such telescope systems, if any
 - (viii) scientific papers (published in peer-reviewed journals) based on the data obtained from such systems (including those published by the end-user), if any
 - (ix) copies of the contracts/work orders handled by them for the manufacturing/development of large area telescope systems including those supplied to Institutions in India and abroad
- 3.6 **Details to be submitted with EoI:**
 - a) Profile of the developer/party (containing the following details):
 - (i) Their products and areas of expertise
 - (ii) Manufacturing facilities and capabilities
 - (iii) Engineering systems available for developmental activities
 - (iv) heritage and experience in handling the type of work envisaged in this document
 - (v) Facilities and infrastructure available for the fabrication, development and testing of large area telescope systems, including optics/electro-optics lab/workshops
 - (vi) Capabilities in design and development of large area telescope systems

- (vii) In-house expertise in design/simulation software used for optics and ray-tracing simulation studies for the development of telescopes or similar optical systems
- (viii) Technical manpower (separately provide consolidated numbers of Scientists, Engineers and Technical staff) in the firm
- (ix) Technical manpower involved in the development of telescopes and optics-related activities
- (x) Annual turn-over

- b) All items stated in Sec. 3.5.
- c) Parties should have undertaken a single work order of more than Rs. 100 Lakhs in the past.
- d) Annual turnover of the party should be more than Rs. 500 Lakhs.
- e) Duly filled compliance sheet, as per the format attached (Section 5).

Please note that the EoI should contain all the relevant details and supporting documents (including proof) requested above, along with the completed compliance matrix.

- 3.7 Based on EoI and assessment of their potential to carry out the proposed work, the potential parties having the required capabilities, experience and infrastructure will be shortlisted for providing formal Request for Proposal (RFP), inviting two-part bids at a later date.
- 3.8 Details of the scientific and technical requirements and other details of the envisaged Large-Area Telescope Receiver are given in the following sections. This is provided only to enable the parties for understanding the overall system requirements. VSSC reserves the right to modify any of the scientific and technical specifications or other details or requirements given here, before inviting the 2-part tender from the short-listed parties.
- 3.9 The EoI proposals should be addressed to:

*The Senior Purchase & Stores Officer,
Purchase Unit – II, Vikram Sarabhai Space Research Centre (VSSC)
Thumba (PO), Thiruvananthapuram-695022, Kerala, India.
Phone : +91-471-2562425; +91-471-2562387
Email : spo_avn_pur@vssc.gov.in*

4. Scientific/Technical Requirements of Large-Area Telescope Receiver:

The Large-Area Telescope Receiver consists of a zenith-looking~800 mm dia. Newtonian telescope system with a narrow FOV of about 0.8 mrad (full FOV), having a 2-channel back-end optics assembly near the telescope focal plane. The receiver will be used as part of an atmospheric lidar system operating in Rayleigh mode for profiling the temperature in the middle atmospheric region. The purpose of the Large-Area Telescope Receiver is for flux collection, i.e., to collect the backscattered laser photons scattered by atmospheric molecules, in the altitude region 20-150 km (signals from altitudes>120 km altitude is for background noise estimation). The collected signals as a function of altitude will be used for deriving temperature profiles of the atmosphere in the 30-80 km altitude region, at the customer end.

The general technical requirements for the design and development of the system are:

- i. The party should undertake the complete optical & opto-mechanical design and realization of the Large-Area Telescope Receiver, and deliver the integrated telescope system with 2-channel back-end optics assembly. The telescope cylinder enclosing the Primary Mirror (PM) and Fold Mirror (FM) should be made of material having opaque mechanical finish to block out all external stray light. Appropriate opto-mechanical mounts (such as whiffle tree structure for PM and spider mount structure for FM) have to be incorporated, ensuring minimal obscuration of PM by FM.
- ii. As the expected dynamic range of the backscattered signal from the atmosphere is very large, two independent channels are to be incorporated in the back-end optics assembly for collecting the flux from low- and high-altitude regions (referred to as L and H channels, respectively). A non-polarizing

beam splitter is used to split the received backscattered signal in 90:10 ratio into the H and L channels, for separately collecting and detecting the high-altitude and low-altitude signals using independent gated PMT detectors.

- iii. The 2-channel back-end optics (L and H channels) should be made modular, consisting of variable iris at the telescope focal plane, fine focal plane adjustment mechanisms, mounting provision for Interference Filters (IF), filter wheel mechanisms for mounting and selecting desired Neutral Density (ND) filters, non-polarized beam splitter for splitting the received beam into two channels, collimating and focusing (C/F) optics and provisions for mounting two PMT detectors for two channels. The detectors and filters will be provided by VSSC.
- iv. IF/ND filters and PMT detectors will be provided by VSSC. Other optical components such as variable iris, non-polarizing beam splitter, C/F optics, mounts, and any required mechanical structures, etc., should be provided by the party.
- v. All other parts and components for the development of the Large-Area Telescope Receiver should be borne by the party.

The major technical specifications/requirements of the Large-Area Telescope Receiver to meet the scientific requirements are given in Table-1.

Table-1: Technical Specifications of Large-Area Telescope Receiver

Sl. No.	Parameter	Value
1	Telescope Optical Design: Major Specifications	
1.1	Optical Configuration	Newtonian
1.2	Optical Diameter (Clear Aperture) of Primary mirror (PM)	800 mm (minimum acceptable value)
1.3	Focal length of the System	~2400 mm
1.4	System f-number	f/3
1.5	PM to Fold Mirror (FM) Separation	1800 mm \pm 0.5 mm
1.6	FM to image plane separation	~600 mm
1.7	Telescope tube diameter	~1000 mm
1.8	Telescope tube height	Overall system height including telescope tube and mounting structure, should not exceed 2500 mm
1.9	Percentage area of PM obscuration by FM	<7% of full PM
1.10	Field of View	~0.8 mrad (i.e., 0.0458deg) full FOV
1.11	Iris diameter	\leq 2.5 mm (variable iris for small FOV adjustments)
1.12	Wavefront error (system level)	\leq 140 nm
2	Other Major Telescope Parameters and Requirements	
2.1	Surface Figure/ Surface Finish of the mirrors	P-V: 133 nm ($\lambda/4$ @ 532 nm & $\lambda/4.7$ @ 633nm) RMS: 22 nm ($\lambda/25$ @ 532 nm & $\lambda/28$ @ 633nm)
2.2	Spectral range	0.3 - 1.1 μ m
2.3	Mirror Material	Fused silica (quartz) OR Material with better Coefficient of Thermal Expansion (CTE)
2.4	Mirror Coating	Enhanced Aluminum coating with protective overcoat on the entire active area, conforming to MIL-M-13508C
2.5	Minimum Reflectance of Mirrors	>90% over 0.4 - 1.1 μ m and >70% over 0.3 - 0.4 μ m
2.6	Average reflectance of Mirrors	>92% (weighted avg.) over 0.4- 1.1 μ m & >72% over 0.3 to 0.4 μ m
2.7	Overall Optical Efficiency (including obscuration of PM by FM and mounting arms/structures)	>75% (weighted avg.) over 0.4- 1.1 μ m & >45% over 0.3 - 0.4 μ m
2.8	Telescope performance stability	Telescope system shall be designed to ensure optical

		performance over temperature variation of $\pm 5^{\circ}\text{C}$. Operating room temperature ranges from 20°C to 30°C .
2.9	Alignment reference	Suitable alignment provisions to be kept for realignment during unmount and remount of mirrors for telescope recoating.
2.10	Calibration	Internal alignment reference for focusing/ calibration should be provided.
2.11	Mechanical finish	Parts blackened to avoid stray light
2.12	Range of operating conditions (air-conditioned)	Room temperature: 20°C to 30°C ; Room Relative humidity: 50-65%
2.13	Storage conditions (non-operating conditions in the room)	Room temperature: 20°C to 40°C ; Room Relative humidity: 70-80% System should be designed and constructed to withstand hazards associated with transit & storage at the installation site.

5. Other Terms and Conditions

- 5.1 The party should mandatorily perform the precise optical alignment of the telescope FOV with the vertically transmitted laser beam at the installation site, up to an altitude >80 km. This is will be part of the acceptance tests for the Large-Area Telescope Receiver. The laser transmitter system for this purpose will be provided by VSSC at the installation site.
- 5.2 VSSC reserves the right to witness the tests and review the progress of work at various milestones of the program at any point of time during the development phase at the factory site.
- 5.3 The optics design, specifications and configuration of the Large-Area Telescope Receiver should be arrived at based on ray-tracing optics simulation studies, confirming that the requirements stated in Table-1 are satisfied. The optical ray tracing simulations should consider the actual characteristics of the system and sub-components to simulate the track of the collected radiation from the primary mirror of the telescope to the focal plane, as well as spot size at focal plane.
- 5.4 All the sub-systems and components used in the Large-Area Telescope Receiver should be of high quality and reliability to support long-term and continuous operation of the system.
- 5.5 Should provide operational manuals, detailed technical manuals, service and maintenance manuals, troubleshooting manuals, etc. The documentation shall cover layout diagrams of all sub-systems and components for systematic fault diagnostic. These copies should also be provided in softcopy version.
- 5.6 The party has to provide minimum 1-year warranty for the system from the date of acceptance after commissioning at the installation site, followed by 5-year non-comprehensive AMC.

5. Compliance Table (To be submitted along with the EoI)

Sl.No.	Description	Compliance	Supporting Documents	Remarks
1	VSSC proposes to realize the Large-Area Telescope Receiver for SPL/VSSC at IPRC, Mahendragiri on a turn-key basis. The party should have demonstrable capability to take up such a project. <i>Party shall provide details of previous work/projects of similar nature undertaken.</i>			
2	Design and development of Large-Area Telescope Receiver should meet all the scientific/technical requirements stated. The party should be capable of performing extensive ray-tracing simulation studies for finalizing the design, and the results of the same shall be submitted to VSSC while submitting the bid. Any modifications suggested by the VSSC expert committee should also be carried out and presented. <i>Party shall confirm the acceptance of the above conditions.</i>			
3	The design, development, installation, testing and commissioning of the system will be reviewed by an expert committee at all stages and any suggestion by the committee should be incorporated. <i>Party shall confirm the acceptance of this condition.</i>			
4	Any deviation in the design, material, and configuration will be subjected to the review and approval of the VSSC expert committee. <i>Party shall confirm the acceptance of this condition.</i>			
5	At any point of time, if VSSC requires the party to do any additional work related to the project work beyond what is mentioned in the scope of work, the party should undertake the work on existing terms and conditions and additional remuneration, as mutually agreed upon. <i>Party shall confirm the acceptance of this condition.</i>			
6	The party has to be a manufacturer of large-area telescopes and similar optical systems, having good infrastructure and technical expertise. <i>Party shall attach details and supporting documents for the above.</i>			
7	Has the party designed, developed, installed, tested, and commissioned any large area telescope systems or their critical			

	sub-systems for atmospheric applications? <i>Party shall provide the details of all such activities, including specific contributions and details of the end users.</i>			
8	The party has to provide the number of years of experience in the design, development, commissioning, and maintenance of large-area telescopes or other optical systems. <i>Party shall attach details and supporting documents for the above.</i>			
9	Party should have arrangements for scheduled and unscheduled maintenance, warranty support, etc.			
10	The EoI should contain documentary evidences of previous contract / work orders handled by the party for large-area telescopes, including the list of customers for these systems and the application. <i>Party shall attach details and supporting documents for the above.</i>			
11	The EoI should contain details regarding the heritage, availability of facilities for design, fabrication and testing, and experience of the party to handle similar type of work. <i>Party shall attach details and supporting documents for the above.</i>			
12	Parties submitting the EoI or those short-listed may be called for a pre-bid meeting at the VSSC, if required. <i>Party has to state their willingness to participate in the meeting.</i>			
13	The party should provide minimum 1 year of warranty. This should include all defects in materials, equipment, components and workmanship after the commissioning and acceptance of the item as well as all defects observed during the operation of the system. Based on request by the VSSC, the party will have to visit the installation site and replace the defective system at no extra cost during the warranty period. <i>Party shall confirm the acceptance of this condition.</i>			
14	Contract for Annual Maintenance of the system after the warranty period should be provided for a minimum period of 5 years. <i>Party shall confirm the acceptance of this condition.</i>			
15	The right to use previously made intellectual property owned by VSSC and its collaborative institutes and used by the			

	<p>party in the Large-Area Telescope Receiver cannot be used by the party for other purposes without written consent from VSSC.</p> <p><i>Party shall confirm the acceptance of this condition.</i></p>			
16	<p>Balance Sheet for the previous 3 financial years and the details of Income Tax returns filed should be submitted along with the EoI.</p> <p><i>Party shall attach details and supporting documents for the above.</i></p>			
17	<p>Performance reports of the large-area telescope systems already established so far should be submitted along with the EoI.</p> <p><i>Party shall attach details and supporting documents for the above.</i></p>			
18	<p>All the documents and proofs as required in Section 3.4 to 3.6, should be attached along with the EoI.</p> <p><i>Party shall attach details and supporting documents for the above.</i></p>			