भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE
क्रय यूनिट-।।।/PURCHASE UNIT-III
विक्रम साराभाई अंतरिक्ष केंद्र/VIKRAM SARABHAI SPACE CENTRE
तिरुवनंतपुरम/THIRUVANANTHAPURAM – 695 022

विज्ञा. सं. वीएसएससी/एसपीआरई-क्रय/ईओआइ/सीएसएमजी /01 दि.04/04/2022

ADVT. NO. VSSC/SPRE-PUR/EOI/CSMG/01 DT. 04/04/2022

भारत के राष्ट्रपति केलिए तथा उनकी ओर से वरिष्ठ प्रधान, क्रय एवं भंडार, विक्रम साराभाई अंतरिक्ष केंद्र (वीएसएससी), तिरुवनंतपुरम, निम्नलिखित केलिए **अभिरुचि की अभिव्यक्ति (क्रम सं. 1)** आमंत्रित करते हैं:

For & on behalf of the President of India, the Sr. Head Purchase & Stores, Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram invites **Expression of Interest (for Sl. No. 1)** for the following:-

क्रम सं. Sl. No	अभिरुचि की अभिव्यक्ति (ईओआइ) सं./ EXPRESSION OF INTEREST (EOI) No.	वर्णन / Description
1	वीएसएससी/ईओआइ/सीएसएमजी/ 2022/ VSSC/EOI/CSMG/2022 [लोक निविदा /PUBLIC TENDER]	वीएसएससी, तिरुवनंतपुरम के रॉकेट नोदक संयंत्र (आरपीपी) तथा तुंबा भूमध्यरेखीय रॉकेट प्रमोचन स्टेशन (टर्ल्स) क्षेत्रों की अग्नि सुरक्षा प्रणालियों के लिए प्रचालन एवं अनुरक्षण (ओ एवं एम) सेवाएं प्रदान करने हेतु अभिरुचि की अभिव्यक्ति/ **"Expression-of-Interest for providing Operation and Maintenance (O&M) Services for Fire Protection Systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC, Thiruvananthapuram".**

विशेष टिप्पणी/Special Note:-
विदेशी विक्रेताओं को निविदा प्रस्तुत करने की अनुमति नहीं है। मेक इन इंडिया नीति के अनुसार केवल श्रेणी-। और श्रेणी-।। के स्थानीय आपूर्तिकार इस बोली में भाग लेने हेतु पात्र हैं। विदेशी ओईएम से सीधे प्राप्त उद्धरणों/या विदेशी ओईएमओं की ओर से उद्धरण प्रस्तुत कर रहे एजेंटों को इस निविदा में भाग लेने की अनुमति नहीं है।
Foreign vendors are not permitted to quote. Only Class-I and Class-II Local suppliers as per Make in India Policy are eligible to participate in the bid. Quotations directly from foreign OEM/ or from agents quoting on behalf of foreign OEMs are not allowed to participate in this tender.

इच्छुक प्रत्याशित निर्माता हमारे संदर्भ सं. का उद्धरण करते हुए **04.05.2022 [16:00 बजे तक] को या उससे पहले** ईओआइ में उल्लिखित पते पर अपनी अभिरुचि की अभिव्यक्ति दे सकते हैं / Interested prospective Manufacturers can furnish their Expression of Interest quoting our reference No. **on or before 04.05.2022 [16:00 Hrs.]** to the address mentioned in the EOI.

शुद्धिपत्र, यदि कोई हो तो, हमारे वेबसाइट www.vssc.gov.in / www.isro.gov.in में मात्र प्रकाशित किया जाएगा।
Corrigendum, if any will be published in our websites : www.vssc.gov.in/ www.isro.gov.in only.

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

भारत सरकार/**GOVERNMENT OF INDIA**
अंतरिक्ष विभाग/**DEPARTMENT OF SPACE**
क्रय यूनिट-।।।/**PURCHASE UNIT-III**
विक्रम साराभाई अंतरिक्ष केंद्र/**VIKRAM SARABHAI SPACE CENTRE**
तिरुवनंतपुरम/**THIRUVANANTHAPURAM – 695 022**
Tel: (0471) 2563676/3775/3609
email: spso_prso_pur@vssc.gov.in, pso2_prso_pur@vssc.gov.in

EXPRESSION OF INTEREST

No. VSSC/EOI/CSMG/2022 **Date: 04/04/2022**

"वीएसएससी, तिरुवनंतपुरम के रॉकेट नोदक संयंत्र (आरपीपी) तथा तुंबा भूमध्यरेखीय रॉकेट प्रमोचन स्टेशन (टर्ल्स) क्षेत्रों की अग्नि सुरक्षा प्रणालियों के लिए प्रचालन एवं अनुरक्षण (ओ एवं एम) सेवाएं प्रदान करने हेतु अभिरुचि की अभिव्यक्ति"/

"Expression-of-Interest for providing Operation and Maintenance (O&M) Services for Fire Protection Systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC, Thiruvananthapuram"

इच्छुक प्रत्याशित निर्माता हमारे संदर्भ सं. **VSSC/EOI/CSMG/2022** का उद्धरण करते हुए **04/05/2022 [16:00 बजे तक] को या उससे पहले** निम्नलिखत पते पर अपनी अभिरुचि की अभिव्यक्ति दे सकते हैं।

VSSC invites, EOI from prospective bidders for "**Providing Operation and Maintenance (O&M) Services for Fire Protection Systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC, Thiruvananthapuram** ". Interested parties may furnish their **Expression of Interest in Sealed Envelope** quoting our **Reference No. VSSC/EOI/CSMG/2022 on or before 04/05/2022 [16:00 Hrs]** to the following address:

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

वरि. क्रय एवं भंडार अधिकारी / Sr. Purchase & Stores Officer,
क्रय यूनिट III /Purchase Unit- III,
आरएफएफ क्षेत्र, इसरो पीओ/ RFF Area, ISRO. PO,
तिरुवनंतपुरम/Thiruvananthapuram- 695022.
फोन/Ph: 0471-256 3775/3609

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

No. VSSC/EOI/CSMG/2022 04/04/2022

INVITATION FOR EXPRESSION-OF-INTEREST

Vikram Sarabhai Space Centre (VSSC) invites **Expression-Of-Interest (EOI)** for providing Operation and Maintenance (O&M) Services for Fire Protection Systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC, Thiruvananthapuram**.** It is proposed to entrust the scope of providing services for Operation and Maintenance of Fire Protection System (FPS) of RPP & TERLS facilities to external VENDOR/CONTRACTOR, which include pump room operation, deluge, sprinkler, hydrant systems, etc. Overall management of the O&M services for the above areas needs to be taken care and any issues and concerns must be addressed in a timely manner adhering to the stipulated activity schedule.

Interested VENDORS/CONTRACTORS having adequate know-how, qualified and skilled technical personnel, knowledge/experience in O&M of Fire Protection System (comprising of deluge/sprinkler systems, pipe lines & pumping station, etc.) are invited to participate in the EOI. On receipt of EOI, VSSC shall evaluate and assess the suitability prior to short-listing of VENDORS/CONTRACTORS. This call for EOI does not carry with it any guarantee for allotment of contract.

Brief description, scope of work and pre-qualification criteria are available in our website. EOI document can be downloaded from website www.isro.gov.in and the same also shall be submitted within the due date and time. **"Expression of Interest"** with all essential information shall reach the Senior Purchase and Stores Officer, Purchase Unit III, Vikram Sarabhai Space Centre, ISRO Post, Thiruvananthapuram 695022, Kerala, on or before **04/05/2022 [16:00 Hrs.].** This EOI is issued as a "Pre-Bid Qualification". 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.

Addendum, if any, to this EOI shall be hosted in our website www.isro.gov.in/ www.vssc.gov.in.

Senior Purchase and Stores Officer,
Purchase Unit III,
Vikram Sarabhai Space Centre,
ISRO P.O., Thiruvananthapuram - 695 022
Kerala State

Government of India
Department of Space
Vikram Sarabhai Space Centre
Indian Space Research Organisation
Thiruvananthapuram-695022
Kerala

No. VSSC/EOI/CSMG/2022 04/04/2022

INVITATION FOR EXPRESSION OF INTEREST

"Expression-of-Interest for providing Operation and Maintenance (O&M) Services for Fire Protection Systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC, Thiruvananthapuram".

1 Preamble

Vikram Sarabhai Space Centre (VSSC) located at Thiruvananthapuram, Kerala State is the lead Centre of Indian Space Research Organisation (ISRO) that specializes in the design and realization of satellite launch vehicles.

The activities of VSSC being unique and critical in nature, the facilities are covered with an elaborate Fire Protection System (FPS) comprising of deluge/sprinkler systems, hydrants and pumping stations to protect them from hazards of fire.

This O&M contract is envisaging the maintenance of two independent fire protection systems of VSSC name viz. RPP fire protection system and TERLS fire protection system. Both the fire protection systems put together consist of mostly above ground pipeline network of about 20 km length with pipe sizes varying from 80NB to 600 NB. Facilities at RPP are provided with sprinkler and deluge system in addition to the yard hydrant system. 38 facilities of RPP are covered with sprinkler systems and 9 facilities with Deluge systems. Also, the fire pump house at RPP is to be manned 24 x 7 throughout the year. The TERLS fire protection system consists of yard hydrants charged through an automated fire water pumping system housed in a pump house at TERLS.

Objective of the contract is to establish an Operation and Maintenance (O&M) service for the Fire Protection System (FPS) installed at RPP & TERLS Areas of VSSC by the VENDOR/CONTRACTOR.

2 Scope of work

This contract is to outsource the regular operation and maintenance of fire protection systems of Rocket Propellant Plant (RPP) & Thumba Equatorial Rocket Launching Station (TERLS) areas of VSSC. The scope of work is broadly classified under two areas as below:

2.1 RPP Fire Protection System

- 24 x 7 operation of RPP fire pump house.
- Operation and maintenance of firefighting lines.
- Operation and maintenance of Deluge systems.
- Maintenance of Sprinkler systems.

- Regular maintenance of Pumps (Electrical, Diesel and Jockey Pumps).
- Maintenance of Yard fire hydrants and fixed monitors.
- Regular up keep and maintenance of hose boxes.
- Replacement or rerouting of fire water lines in the case of any breakdown which may include cutting, joining, welding or transforming of lines.
- Maintenance of all pipe components such as relief valves, strainers, hydrants, isolation valves, gaskets, joints & pipe fittings, painting of corroded water lines or components etc.
- Bush clearance along the fire water lines up to 2.5 m on the both side of FPS pipe line network to get a clear path and accessibility for maintenance etc.

2.2 TERLS Fire Protection System

- Maintenance of firefighting lines of TERLS FPS.
- Maintenance of Yard fire hydrants and fixed monitors.
- Regular maintenance of Pumps (Electrical, Diesel and Jockey Pumps).
- Regular up keep and maintenance of hose boxes.
- Replacement or rerouting of fire water lines in the case of any breakdown which may include cutting, joining, welding or transforming of lines.
- Maintenance of all pipe components such as relief valves, strainers, hydrants, isolation valves, gaskets, joints & pipe fittings, painting of corroded water lines or components etc.
- Bush clearance along the fire water lines up to 2.5 m on the both side of FPS pipe line network to get a clear path and accessibility for maintenance etc.

- The CONTRACTOR shall arrange their own conveyance for the regular movement of Man & Materials inside VSSC campus.
- The CONTRACTOR shall arrange all tools, consumables and equipment's necessary for the Operation & Maintenance of fire protection systems.
- The CONTRACTOR shall arrange necessary scaffold, Personal Protective Equipment (PPE), etc. for maintenance involving height works such as replacement of sprinkler gaskets, replacement of sprinkler bulbs, maintenance of deluge pipes etc.
- The CONTRACTOR shall set their own team consisting of personnel at the levels of Manager cum Supervisor and Technicians having required experience and qualification to meet the above requirements.

3 Support Provided by VSSC

The DEPARTMENT will only oversee the O&M Activities of FPS. It is the responsibility of the O & M contractor to ensure all systems listed under this O & M contract are well maintained and ensure trouble free operation.

- The maintenance schedule and periodicity of maintenance will be clearly brought out in O&M schedule and will be provided to the CONTRACTOR by the DEPARTMENT.
- The maintenance documents/logs for the equipment's identified under O&M CONTRACT and the Procedure Document for O&M of FPS will be shared with the CONTRACTOR.

- VSSC will provide necessary spares (Gaskets, Valves, Diaphragm, Sprinkler bulbs etc.) required for O&M CONTRACT as Free Issue Materials.
- Department will arrange pass for One Vehicle (Pickup Vehicle) deployed by the CONTRACTOR for regular man and material movement inside VSSC.
- Forklift support will be provided by the DEPARTMENT subjected to the availability.
- Tractor equipped with rotavator will be provided by the Department for bush clearance.

4 Human Resource and HR policy

- The O&M Team of 15 personnel, comprising of a B-Tech/Diploma Engineer and Technicians are required to be deployed by the VENDOR for providing O&M services at RPP & TERLS. (B-Tech / Diploma holder -01No., ITI Fitter-04 Nos., ITI Plumber-03 Nos., ITI Electrican-01 No., ITI Diesel Mechanic-01 No., ITI Welder -01 No., Fire Diploma or ITI in Fire & Safety-04 Nos.)
- The members of the O&M team shall be above 18 years and below 60 years of age. The O&M team should be qualified and experienced and should possess requisite skill-sets for providing the O&M services.
- The O&M Vendor/ Contractor/ Firm should have at least one-year experience in the area of operation and maintenance of similar system or FPS system. Necessary documentary evidence of the same shall be submitted to the Department.
- The VENDOR shall have an HR policy for retaining trained personnel. This is very essential since attrition would lead to derailment of production activities, affect safety, quality and schedule.

5 Duration of CONTRACT

The contract is expected to commence from 01-11-2022. The duration of the CONTRACT shall be TWO YEARS; however, DEPARTMENT reserves the right to terminate the same at any time by giving one month's notice period or extend the same for one more year on mutual consent.

6 Other requirements

Security : O&M Team shall comply with the security regulation of VSSC.

Safety : O&M Team shall follow all safety stipulations.

Secrecy : The VENDOR and the O&M team shall abide by the INDIAN OFFICIAL SECRETS ACT in vogue and shall provide information of awareness of the above in writing.

7 Criteria for scrutiny of EOI proposals

7.1 General

The EOI shall contain complete information of the VENDOR, its human resources, infrastructure, assets, financial standing, line of business and credentials.

7.2 Essential criteria for evaluation of EOI

- VENDORS registered in India need only participate.

- VENDOR should have prior experience in maintenance of fire protection systems in the area of O&M.
- VENDORS having the required expertise and willing to undertake the O&M services for requirement need only apply.
- Certified copies from Chartered Accountant for the annual financial turnover and balance sheet showing profit/loss to be furnished.
- In event of response from VENDORS already executing ISRO contracts, past performance will be considered.
- The VENDOR should possess human resources with adequate knowledge, skill and experience in the areas of O&M of similar facilities. Personnel who have undergone training in VSSC or have worked in VSSC for similar activities will be given weightage.
- Vendor should submit letter that their firm is not blacklisted by any PSU/Govt body.

Note:

1. For Clause No.7, all information provided by the VENDOR shall be supported with documentary evidence. Brochure, if any detailing the VENDOR profile may be submitted. Copy of the previous similar purchase/work orders executed by the VENDOR also shall be submitted.
2. The final evaluation of the responses will be based on inputs furnished against our criteria and overall assessment.

VENDORS who are meeting the requirements as specified in clause 7 of the EOI and interested in associating with ISRO for providing O&M services at VSSC, Thiruvananthapuram may submit their interest in writing along with copies of supporting documents for verification/evaluation at VSSC. Qualified VENDORS will be shortlisted and detailed proposals from such VENDORS will be solicited through a Request for Proposal (RFP).

A checklist (Annexure -1) for the supporting documents to be submitted by the VENDOR along with the EOI is enclosed.

Annexure - 1

Checklist for the supporting documents
(Filled checklist to be submitted by the Vendor along with the Expression of Interest)

Sl.No.	Document / Proof	Attached (Yes/ No)	Remarks
1.	Company registration details		
2.	Certified copies from Chartered Accountant for balance sheet showing profit/loss		
3.	Documents in support of prior experience in maintenance of fire protection systems in the area of O&M.		
4.	Company profile, management structure and human resources and their experience		
5.	Company brochure		
6.	Copies of similar purchase/work orders executed by the Company		