



Centre for Materials for Electronics Technology
(a Scientific *Society under MeitY, Govt. of India*)
Athani, M.G. Kavu P.O, Thrissur,
Kerala, Pin –680581
(Tel No. 0487-2201156 – 59 (4 lines))

NOTIFICATION

Notification No.CMET/TH/ADM/03/2024

NOTIFICATION CALLING EXPRESSION OF INTEREST (EoI)

II. To Act as operational partner for Sensor Calibration and Testing Common Facility Centre (SensCAT- CFC) proposed to be established at C-MET, Thrissur

Introduction : With exports of approximately \$8.8 billion in 2018–19, the Indian electronics market is currently valued at roughly \$120 billion, contributing 2.5% to the country's GDP and providing direct and indirect employment for 13 million people. With an estimated \$2 trillion in market size, the electronics system design and manufacturing industry is still expanding globally. One of the main forces behind this expansion is the Internet of Things (IoT). In India, there is a growing need for smarter IoT systems and sensors due to programs like Digital India, Smart City, Atmanirbhar Bharat, etc. It is anticipated that India's Electronics System Design & Manufacturing (ESDM) industry could reach a valuation of \$130 billion during the next few years, potentially by 2030. The domestic market for electronic components is also expanding steadily, and it is expected to reach \$20 billion in sales in 2019. For applications pertaining to defense and national security, sensor elements are essential. Establishing a safe and dependable domestic supply chain is crucial. Reliance on external vendors for essential components may present hazards and can jeopardize the security of the country.

Furthermore, for the sensors to function as accurately and error-free as possible, periodic calibration is required. Frequent calibration confirms that the sensors' performance metrics are all relevant. India lacks state of art facilities for testing and calibrating sensors. Therefore, it is proposed to establish a common facility centre for sensor calibration and testing at C-MET, Thrissur and this will be operated by an operational partner experienced in testing and calibration services. This centre will include a full-fledged testing facility for smoke, particulate matter, carbon dioxide gas, temperature, and humidity sensors. The creation of a startup ecosystem centered on this shared facilities centre is also envisaged. The motto of the centre is to support the industries, academics, R&D institutes, start ups, etc with global standard certification facilities for diverse sensors. It will also foster the startup environment and act as a catalyst for mentorship and consultation services.

Under Atmanirbhar Bharat Abhiyan, the proposed centre would cater to the needs of ever evolving sensor domain of digital India. As (1) Temperature sensor, (2) Humidity sensors, (3) Smoke sensors (4) Carbon dioxide sensors and (5) Particulate matter sensors are of major demand and

largely imported in the country, initially, the proposed CFC will provide the calibration and testing of these sensors.

In this context, Centre for Materials for Electronics Technology (C-MET), Thrissur, under the aegis of MeitY, Govt. of India, would like to invite Expression of Interest (EoI) from industries who are interested to be engaged as operational partner of the proposed **Sensor Calibration and Testing Common Facility Centre** at C-MET, Thrissur, for the calibration and testing of sensors which can be leveraged by multiple industries and the centre is expected to be self-sustained.

Scope

In the proposed Common Facility Centre, C-MET, Thrissur, with its expertise in the area of sensors and electronic materials, will establish the centre for sensors testing and calibration. The operational part for the sensor testing and calibration will be handled by the selected industry and become as the operational partner of the centre. The operational partner will have to operate the facilities for testing and calibration of (1) Temperature sensor, (2) Humidity sensors, (3) Smoke sensors (4) Carbon dioxide sensors and (5) Particulate matter sensors, and extend the services/facility to other industries. The operational partner has to generate revenue through testing and calibration of sensors, extending service to other industries etc. The revenue sharing modalities and other terms of engagement will be finalized as per government guidelines with the approval of competent authorities.

General Eligibility Criteria

1. EoI is invited from Indian companies for Operational Partner for the proposed centre
2. The company should be a registered Indian company having experience of more than 10 years in testing and/or calibration of sensors and/or electronic equipment /components and devices the test facilities shall be accredited as per IEC 17025 by NABL.
3. The company should have wide market base and have market experience in testing and /or calibration of sensors and/or electronic components / equipment.
4. The details and supporting documents to prove the experience and capability in testing and /or calibration of sensors and/or electronic components / equipment should be provided along with the EoI.
5. The details required in Annexure – I with supporting documents shall be submitted along with the letter of EoI
6. The entity must not have been declared insolvent/ bankrupt or should not have filed for insolvency/ bankruptcy or in the process of being declared bankrupt before any designated authority.
7. The entity should not have been blacklisted by any of the State/Central Government or organizations of the State/Central Government in India in the past three years.
8. The entity should have valid Registration Certificate, GST Registration Certificate and PAN. Documentary evidence should be submitted.
9. The Company shall have a turnover exceeding Rs. 5 Crores for previous 3 years

10. The Company shall have experience of working with Govt. Departments / Autonomous Bodies
11. Company shall have at least 2 Auditors Qualified for IEC 17025
12. Companies shall have experience of managing more than one test centre

Disclaimers

1. This information is not intended to be exhaustive and interested parties are required to make their own inquiries in order to submit the EoI. Submission of an EoI in response to this request for EoI shall be deemed to have been done after careful study and examination of the requirements and scope of the operational partner, if selected. Any clarification in this regard can be obtained from the contact person given in this notification inviting EoI.
2. C-MET reserves the right to cancel this EoI and/ or invite afresh with or without amendments, without liability or any obligation for such EoI and without assigning any reason. Information provided at this stage is indicative and C-MET reserves the right to amend/add any further details in the EoI, as may be desired by the Competent Authority of C-MET and duly notified on its website.
3. C-MET further reserves the right to decline to discuss the EoI further with any party submitting an EoI.
4. C-MET will not be liable to pay / reimburse any cost / losses / expenses / penalties / damages of whatsoever nature to any person (s) / entity (ties) submitting the EoI.
5. This EoI Document is neither an agreement nor an offer and is only an invitation by C-MET to the entities that are qualified to submit their Expression of Interest as stated in this notification inviting EoI.
6. The issue of this notification inviting EoI does not imply that C-MET is bound to select any partner.

Evaluation Process

- The EoIs so received will be evaluated by a Committee constituted by the competent authority of C-MET. Companies will be shortlisted based on their experience and capability in the relevant field.
- Discussions with the shortlisted proposers will be carried out by the Committee. The selection of the operational partner will be based on the selection criteria laid down by the committee. The decision of the committee on selection of the operational partner will be final and binding.

- Broad terms and conditions, Revenue sharing modality, etc. will be finalized and a Memorandum of Understanding/Agreement and an NDA will be entered with the selected proposer.

How to submit the EoI

Interested parties may submit their EoI along with the details requested in Annexure – I with supporting documentary proofs to the address given below

The Director
Centre for Materials for Electronics Technology (C-MET)
(Scientific Society under Ministry of Electronics and IT, Govt. of India)
Athani P.O., M.G.Kavu, Thrissur – 680 581

Last Date

The EoI should reach the above address on or before **18th October, 2024**. The proposers should ensure that the EoI has been delivered before the last date. C-MET will not be responsible for any delays due to postal or otherwise.

For any clarification, the interested parties can contact cmet.tcr@gmail.com or 0487 2201156 -59
(4 Lines)

EoI - Annexure-I

Details to be furnished with EoI

EoI for Operational Partner for the proposed Sensor Calibration and Testing Common Facility Centre		
1	Name of the Company	
2	Type of the Company PSU/Public Ltd/Private Ltd/Registered Partnership firm/Others (specify)	
3	Certificate of Registration /Incorporation No. (<i>Attach a copy of the Certificate</i>)	
4	Address of the Registered Office	
5	Name & Designation of Contact Person	
6	Address with telephone No. & Email ID of Contact Person	
7	Website address	
8	Products/Service handled by the Company	
9	No. of years of experience in the related area of Activity (testing and calibration of sensors and/or electronic components and equipment). (<i>Attach documentary support</i>)	
10	Experience in testing and calibration of sensors and/or electronic components and equipment (<i>Attach documentary support</i>)	
12	Expected market projection for testing and calibration of sensors and/or electronic components and equipment for the next three years (Basis of calculation to be enclosed)	
13	Annual Turnover for	2022-2023

	the last three years (Attach copy of the audited statements)	2021-2022 2020-2021
14	Details of Income Tax Registration, GST registration, and other applicable registrations	
15	PAN number	
16	Available Manpower	<i>Managerial</i> : <i>Engineers/Scientists</i> : <i>Technical skilled</i> : <i>Semi-Skilled</i> : <i>Un –skilled</i> :
17	Testing and Calibration Facility (Infrastructure and Equipments)	
18	ISO certification/ In-house QA if any	
19	Any other information, the Organization wishes to provide	

Declaration

I/We hereby, declare that the information given in the EoI and documents attached herewith are true & correct to the best of my/our knowledge and belief. I/We agree that in case any particulars are found incorrect at any time, C-MET has the right to cancel EoI for operational partner for proposed Sensor Testing and Calibration Common Facility Centre and all the payments, if any, to the C-MET shall stand forfeited.

Date :

Place:

Authorized Signatory
(with official seal)