विनयलता एस.
Vinayalatha S.
कुलसचिव
Registrar

गणितीय विज्ञान संस्थान
THE INSTITUTE OF MATHEMATICAL SCIENCES
(परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वायत्त संस्थान)
(An Autonomous Institution under Dept. of Atomic Energy, Govt of India)
CIT CAMPUS, TARAMANI, CHENNAI - 600113

TECHNOLOGIES FOR NEW INDIA@75
आज़ादी का अमृत महोत्स

फोन/Phone: 044-22543150 & 044-22541416 (Direct), 044-22543100/166(Board) फ़ैक्स/Fax : 044-22541586 (general)
वेबसाइट/Website : www.imsc.res.in ईमेल/Email: registrar@imsc.res.in

Ref: IMSc / Fire alarm CAMC / 2026

Date: 04.08.2026

To:

Sir,

Kindly send your competitive rate for the Comprehensive Annual Maintenance Contract (CAMC) of the enclosed list of Fire alarms systems, Acess Control System and its equipments installed at the Electrical Substation, New Institute building, Main building, HPC rooms and Hostel and Guest house complex as per **Annexure – I & Annexure - II**. You are requested to send your **sealed quotations** to reach us **on or before 18.08.2026**. The Institute reserves the right to the reject any or all the quotations or to allot parts of the work to different agencies without assigning any reasons. Similar AMC providers are requested to quote their rates and taxes separately after site inspection of our entire Fire alarm system and its equipments based on the scope of works enclosed. Also it is mandatory to indicate our enquiry reference number and due date on top of the envelope / quotes. For any clarification in this regards, Contact person Scientific Officer (Electrical), Phone no: 044 – 2254 3330/149.

Vinayalatha S

Registrar
For and on behalf of the Director,
IMSc

Tenderers are advised to take note of the following points into consideration while quoting:

1. **E - mail/ fax** quotations will not be accepted.
2. The CAMC period shall be 12 (Twelve) Months.
3. The payment will be made quarterly on pro-rata basis after completion of all the preventive and breakdown maintenance services during the contract period.
4. Late quotations shall not be considered.
5. The tenderer should attach the work completion certificate for minimum three similar CAMC works from the Governement/ reputed organizations during the last seven years.
6. The tenderer should have the Edwards OEM or an OEM-authorized system integrator/channel partner shall be eligible to participate in the tender. Documentary proof of valid authorization shall be enclosed with the bid.
7. Quoting of final rates are inclusive of all taxes.
8. The bidders are requested to conduct the site inspection before quoting the rates.

Enclosed : Annexure-II for Blank Schedule of Quantities.

A) CAMC scope of works for FIRE ALARM SYSTEM :

1. The scope of works is involved for service and maintenance of fire alarm systems in good working condition and replacement of all worn out parts as required.
2. This comprehensive AMC shall cover for free replacement of all the accessories including smoke detectors, main fire alarm control panel and its all spare parts, manual call points, isolator module, signal module, repeater panel, response indicator, Auto dialler, battery, hooters and Horn strobe units etc. as indicated in the list of equipments.
3. The service providers shall attend the complaints / breakdown calls immediately on receipt of our complaint.
4. The detectors shall be cleaned periodically and the sensitivity should be maintained for good working condition.
5. The details of testing and its reports shall be stored in the fire alarm panel electronically for the case study and one hard copy should be kept in main panel for further reference.
6. The drawn up plan of action for the servicing of these systems has to be submitted to engineer-in-charge in writing in advance.
7. All service / maintenance / breakdown works will be carried out during regular working hours on any working day which is convenient to the Institute.
8. The service provider should ensure that the fire alarm systems are maintained in trouble free working condition.
9. The service providers shall replace only the original equipment manufacturer spare parts / materials and this is to be carried out with prior approval by engineer-in-charge of IMSc to ensure original equipment technical specifications and standards.
10. If any of the equipment is not functioning properly during the contract period due to deteriorated condition / beyond repairable condition / change of versions / changes of original manufacturer model specifications, it is to be replaced immediately with free of cost to restore our fire alarm system.

Required preventive maintenance program and the schedules are follows:

Monthly Testing:

i. Functional test of Power Supply module and loop cards in the control panel.
ii. Test of loop card with one detector randomly selected in an area along with the hooter / siren.
iii. Testing of Hooters / siren and manual Call Point.

Quarterly Testing:

i. All the detectors will be removed and clean dust and dirt.
ii. Each detector after cleaning will be tested, fixed at its original location and verified with the panel.
iii. Checking of power supply modules, CPU, Loop Card will be done through external components like detectors, Manual Call Points etc.

The service provider shall undertake all routine maintenance / emergency breakdown calls in addition to above said all testing / maintenance program for our fire Alarm System.

B) **Structure & organisation details about AMC provider :**

NOTE: below details to be filled by the service provider and this is to be submitted along with their offer.

1. Name & Postal Address of the applicant:

2. Telephone No. / Telex No. / Fax No :

3. Legal status of the applicant (Please tick and attach attested copies of original document defining the legal status)
   (a) An individual; (b) A proprietary firm; (c) A firm in partnership (d) A limited company Corporation.

4. Particulars of registration with various Government bodies (attach attested photocopy) Dept. / Organisation & Place of registration Registration No.

5. Names and Titles of Director & Officers with designation proposed to be concerned with this work

6. Designation of individuals authorised to act for the organisation

7. Was the applicant ever required to suspend any work for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension of work.

8. Has the applicant or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for a abandonment.

9. Has the applicant, or any constituent partner in case of partnership firm, ever been debarred / black listed for tendering in any organisation at any time? If so give details.

10. Has the applicant, or any constituent partner in case of partnership firm , ever been convicted by a court of law? If so, give details.

11. In which fields of Engineering subject the applicant has specialisation and interest?

12. Service centre local address in Chennai.

13. Any other information considered necessary, but not included above.

Name and address of the authorized signatory

C) **General Condition of Contract for this CAMC:**

Terms and conditions for Comprehensive Annual Maintenance Contract for fire alarm systems installed at Institute premises shall be as follows :-

1. All the rates must be quoted in the prescribed format only. The company profile and a list of customers etc. must be accompanied with the tender document.
2. The rates quoted shall be valid for 90 days from the date of opening of tender.
3. Eligibility Criteria:
   - The bidder shall be **Edwards OEM** or an **OEM-authorized system integrator/channel partner.**
   - A valid authorization certificate from the OEM shall be enclosed.
   - The bidder shall have successfully completed at least **three similar SITC/CAMC works** for addressable fire alarm systems during the last seven years.
   - The bidder shall have a **service centre in Chennai** with trained service engineers.
4. If the contractor fails to repair the system within 24 hours of complaint due to irresponsible / without proper reason, they will attract a penalty of Rs. 200/- per day till the restoration of entire system. If the problem is continous, IMSc is right to terminate the AMC contract immediately.
5. The contractor shall compensate in full the loss sustained by this institute on account of damage or theft of material during discharge of the activities by the service provider.
6. The staff provided by the contractor to the Institute are in case found to be indulging in any undesirable or unfair activities in the premises of the office, the contractor will solely be responsible for all the consequences apart from the liberty of office to lodge complaints before appropriate authorities.
7. The Institute will not take any responsibility in case of any accident / injury to the labourers during working. The firm shall take all safety measures and welfare of the labourer.
8. Any damage is caused to any equipment / items available at the Institute premises due to negligence of the contractor's work force shall be entirely on contractor, the amount so involved on this account shall be deducted from the payment due to contractor.
9. The Institute is right to withhold the payments of the contractor in case of dispute till it is resolved.
10. Service charges accepted shall be firm during the currency of the contract. Payment will be maybe on quarterly pro rata basis after completion of the preventive maintenance work. It is the responsibility of the service provider to obtain the satisfactory completion certificate from Scientific Officer (Electrical) after completion of each service and submit the same along with bill for payment.
11. **Security deposit (5%)** will be deducted from the AMC bills and it will be returned to the service provider after completion of satisfactory AMC works.
12. It is mandatory to have their professional service centre in Chennai by the AMC firm suitable for our Fire Alarm systems.
13. Neccessary IT and TDS will be deducted form the bills as per Government norms.

D. SCHEDULE OF QUANTITIES:

Name of work : Comprehensive Annual Maintenance Contract (CAMC) of the Existing Edwards Addressable Fire Alarm System and Associated Equipment at IMSc, Chennai.

LIST OF EXISTING EQUIPMENTS :

Comprehensive Annual Maintenance Contract charges for 1 Year			
Sl. No	**Description of Item**	**Qty**	**Amount in Rs.**
	AREA: I. HPC SERVER ROOM		
1	Fire Alarm panel (EST 3) with 3 loop card	1 no	
2	Addressable optimal smoke detector	17 no	
3	Addressable Photoelectric heat detector with base	1 no	
4	Addressable Manual call points	2 no	
5	Addressable sounder/Strobe	3 no	
6	Addressable Isolator Module	2 no	
7	Addressable relay Module	12 no	
8	Addressable bell control Module	1 no	
9	Addressable input device Module	10 no	
10	Fire Extinguisher 3kg	2 no	
11	Co2 – 4.5kg	1 no	
12	ABC 2kg	1 no	
13	ABC 5kg	1 no	
14	Battery backup	1 set	
16	Door Sensor	1 no	
17	Tripping Device	8 no	
HPC SERVER ROOM VESDA SYSTEM EQUIPMENTS :			
18	Single channel Vesda Detector	1 no	
19	Vesta Power Supply System	1 no	
20	Capillary Tube + Accu set	2 no	
21	Air Termination	6 no	
22	Tube	40 mts	
23	PC Programming Software	1 no	

HPC SERVER ROOM ACCESS CONTROL SYSTEM EQUIPMENTS:			
24	Reader Capillary	2 no	
25	Proximity card Reader	3 no	
26	Pin Pad	1 no	
27	Electro Magnetic lock	2 no	
28	Emergency door release	2 no	
29	Proximity Card	20 no	
30	Network Remote Access WAN	1 no	
31	Conductor	31 no	
32	Cable	15 mts	
33	Remote Client software	1 no	
AREA: II. NEW GUSET HOUSE AND HOSTEL COMPLEX :			
34	Fire Alarm panel (EST 3) with 2 loop card	1 No	
35	Addressable Photoelectric smoke detector	183 no	
36	Addressable Analogue heat detector	41 no	
37	Addressable Manual call points	25 no	
38	Addressable Horn strobe with 110cd (Hooter)	10 no	
39	Addressable Signal Module	10 no	
40	Addressable Isolator Module	8 no	
41	Auto dialler	1 no	
42	Battery Backup	1 no	
43	Repeater Panel	1 no	
AREA: III. SUBSTATION, NEW BUILDING, ADMIN BUILDING, ENGINEERING BUILDING AND AUDITORIUM : *(For this system, New EST4 Edvards make FAC panel is under warranty for 12 months)*			
44	Addressable Photoelectric smoke detector	190 no	
45	Addressable Analogue heat detector	4 no	
46	Addressable Manual call points	10 no	
47	Addressable Horn strobe with 110cd (Hooter)	3 no	
48	Addressable Signal Module	3 no	

49	Addressable Isolator Module	11 no	
50	Auto dialer	1 no	
51	Battery Backup	1 set	
	Total CAMC Amount in Rs.		
	Add GST 18%		
	Final Amount including 18% GST in Rs.		

(Total amount in words_____)

(Signature of contractor with seal and address)