GOVERNMENT OF INDIA DEPARTMENT OF SPACE U. R. RAO SATELLITE CENTRE (URSC) BANGALORE



Bids to be submitted online

Tender No.: URSC/MG/IS202500041901 dated 23-05-2025

A. Tender Details

Tender No: URSC/MG/IS202500041901

Tender Date : 23-05-2025

Tender Classification: SERVICES

Purchase Entity: MG

Centre: U. R. RAO SATELLITE CENTRE (URSC)

Non-Comprehensive Annual Maintenance Service Contract for Fire Alarm, Public Address and Talk Back System at ISITE Campus, Marathahalli, Bengaluru-560037

As per tender documents

A.1 Tender Schedule

Bid Submission Start Date : 23-05-2025 16:00

Bid Clarification Due Date : 05-06-2025 16:00

Bid Submission Due Date : 13-06-2025 14:30

Bid Opening Date : 13-06-2025 15:00

Price Bid Opening Date : 16-06-2025 16:00

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B. Tender Attachments

Technical Write-up/Drawings

Document: Annexure-C

Document: BOQ

Document : Detailed specification

Instructions To Vendors

- 4. Specific Commercial Terms and Conditions for Comprehensive/Non-Comprehensive Annual Maintenance Service Contract (AMSC)
- 1. U R RAO SATELLITE CENTRE

BENGALURU - 560 017

Specific Commercial Terms and Conditions for Comprehensive/Non-Comprehensive Annual Maintenance Service Contract (AMSC)

The following Strict Compliance to our Specific Commercial Terms and Conditions for Comprehensive/Non-Comprehensive AMSC has to be uploaded as a separate sheet by the vendor in ISRO E-Procurement portal and will have to be followed or otherwise, your Tender[s] will be rejected.

- SL NO. Specific Commercial Terms
- 1.0 Please provide a copy of Establishment Registration Certificate issued by the Competent Authority.
- 2.0 The Service Provider shall provide a copy of valid GST Registration Certificate issued by the Competent Authority.
- 3.0 Price: The Price mentioned for the AMC shall be Firm and Fixed during the tenure of the Contract.

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- 4.0 The proposal is for entering into Comprehensive/Non-Comprehensive Annual Maintenance Service Contract for a period of One/Two/three years from the date of Contract (as the case may be) and extendable for One more year upon mutual consent from Parties with the same Terms and Conditions for attending to break-down visits as and when indicated by URSC.
- 5.0 Security Deposit: The successful Service Provider shall execute Security Deposit [SD] for 10% of Contract Value towards satisfactory execution of the Contract. The Security Deposit shall be executed through Demand Draft/Banker Cheque/ Fixed Deposit Receipts or Bank Guarantee issued by a Nationalized Bank/Scheduled Bank/an International Reputed Bank approved by Reserve Bank of India, Govt. of India, valid for a period of 60 days beyond the date of completion of all the contractual obligations of the Contract is completely executed. The BG shall be executed on a Non-Judicial stamp paper of Rs. 200/- as per our specimen. In case the successful Service Provider fails to furnish the Security Deposit within 20 days after the receipt of Contract or on Signing of the Contract or any extension thereof, the Contract shall be cancelled or terminated and EMD if any shall be forfeited. The Security Deposit will not carry any interest and shall be returned after completion of all the obligations of the Contract with a NO CLAIM CERTIFICATE' issued by Contractor as per our Specimen enclosed.
- 6.0 Material Bank Guarantee: In case of major repair of the Equipment/Spare Part/Accessory etc., the successful Service Provider shall furnish Bank Guarantee towards the cost of Material to be taken out to Factory/Workshop for carrying out repairs. The BG is to be kept valid till the receipt and acceptance of the repaired unit.
- 7.0 A) Spare Parts for Comprehensive AMSC: The Service Provider shall be completely responsible to Supply the required genuine Spare Parts and of Original manufacture's at his Cost covered under the Comprehensive AMSC. The Scope of AMC is Comprehensive and hence the Contractor should include the cost of spare parts (all taxes and duties included) in his scope. The Travel Expenses, Boarding/Lodging for the Service Engineers shall be borne by the Service Provider only.
- b) Spare Parts for Non-Comprehensive AMSC: The Service Receiver shall arrange to provide Spare Parts as and when required for Repair/Maintenance. In case, Spare Parts are not available with the Service Receiver, the same shall be provided by the Service Provider against payment including Taxes, if any. The Genuine Spares shall be supplied or incorporated/replaced into the System only after a written confirmation is issued by the Service Receiver. The old/worn out parts replaced by new parts shall be the property of the Service Receiver and hence to be surrendered to the Service Receiver and due acknowledgement to be obtained from the Focal Point, URSC.

- 8.0 Payment Terms: 100% payment will be considered after completion of service supported by an Original Service Report and Invoice backed by a Certificate issued by Focal Point, URSC and duly approved by Authorized Officer.
- 9.0 Submission of Bills: Bills should be addressed to Accounts Officer, U.R. RAO Satellite Centre, HAL Airport Road, Vimanapura Post, Bengaluru-560 017 along with Service Report duly certified by the Focal Point, URSC and duly approved by Competent Authority.
- 10.0 Taxes: Please specify the correct percentage of Applicable Taxes if any.
- 11.0 Down-Time Compensation: In case, If the Break-Down calls are not attend within 08 Hours of lodging the complaint, Down-Time Compensation @ 0.5% of the Service Charges applicable to the particular Unit/System/Equipment etc., per day shall be recovered from the Service Provider.
- 12.0 Income Tax: Income Tax will be deducted at source as may be applicable and Accounts Officer, URSC will issue necessary I.T Certificate. Please mention PAN.
- 13.0 Termination and short closing of Contract: Under the normal circumstances, termination/ short closing of contract is not foreseen. However, URSC reserves the right to Terminate the Contract in whole or in part by giving 30 Days prior notice in the following circumstances:-
- i. Due to repeated non-performance in the execution of P.O/Contract.
- ii. If the Contractor fails to deliver/render the services within the stipulated time schedule or any extension thereof, granted by the Purchaser.
- iii. If the Contractor is not in a position to either rectify the defects or offer the Stores conforming to the contracted Quality Standards.
- iv. If the Contractor is unable to rectify the defects or offer replacements in lieu of defective items.
- v. If the contractor fails to perform any other obligations under this P.O/Contract.
- vi. If the Contractor becomes bankrupt or otherwise insolvent.
- vii. Owing to deficiency of service, breach of Contract.

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- viii. For inefficiency, indiscipline, irregularity, insincerity, indifference in work, disobedience, doubtful credentials/integrity, etc., at any point of time during the Contract period.
- ix. If the Contractor fails to Honor the whole or any part of PO/Contract including failure to deliver the Contracted Stores/Render services within the time stipulated in the PO/Contract.
- x. If the Contractor is found to have made any false or fraudulent declaration or statement to obtain the Contract or he is found to be indulging in unethical or unfair trade practices.
- xi. When both the parties agree mutually.
- xii. Any special circumstances, which must be recorded to justify the cancellation or termination of PO/Contract.
- xiii. Without assigning any reasons.
- 14.0 Services: Preventive Maintenance Services shall normally be carried out only on working days between 08.30 AM and 05.00 PM. However, the Service Provider shall attend Emergent calls outside office hours and/or even on Holidays and/or as and when required. It shall be the complete responsibility of the Service Provider to keep the Units/Systems/Equipments etc., covered under this Contract is sound and working condition during the tenure of the Contract. Please specify Nos. of Preventive Maintenance/Year.
- 15.0 Removal of Equipment to Service Provider's Works: The Service Provider shall make best efforts to repair the Units/Systems/Equipments etc., covered under the Contract at the Service Receivers premises. However, in case any equipments covered under this Contract is required to be taken out to Service Provider's premises for repair, the same shall be subject to furnishing of Material Bank Guarantee towards the cost of the Units/Systems/Equipments etc., to be taken out for repair.
- 16.0 Extension of Contract: In case the Preventive Maintenance Service could not be carried out with the specific block period by the Service Provider for reasons beyond their control, the Service Receiver shall have an option to extend the period of Contract proportionately.
- 17.0 Subletting of Contract: The Contract shall not be Sublet, Transferred or assigned to any other Firm, Person, agencies, etc., without the prior written approval of Service Receiver. In case of violation of this Clause the Service Provider/Contractor shall be solely responsible for any Legal action besides Termination of the Contract.

18.0 Compensation for Damages caused for Persons Goods, Property: The Service Provider shall indemnify and hold harmless, Service Receiver and/or any Officer, Employees or assignee thereof, against any loss, damage or expense resulting from damage to property or personnel injury arising out of willful misconduct or gross negligence of the Service Provider or their personnel in the execution of the work under this Contract. The Service Provider shall, at its expense defend any suit or proceedings brought against Service Receiver on account thereof, and shall satisfy all judgments and pay all expenses, which may be incurred by or rendered against them, or any of them in connection therewith. Service Receiver shall not be responsible for any damages, loss, claims, financial and other injury for any workforce in course of their performance of their duties or for payment towards any compensation.

19.0 Antecedent Verification: The personnel deployed to Service Receiver premises for carrying out AMSC, Antecedent / Police Verification shall be got done by the successful Service Provider if necessary and such records will have to be produced to Service Receiver on demand.

20.0 Parallel Contract: Service Receiver reserves the right:

- i. To enter into Parallel Contract simultaneously or at any time during the period of the Contract with one or more Service Providers.
- ii. To place adhoc Contract[s] simultaneously or at any time during the period of Contract with one or more Service Providers.
- 21.0 Applicable Law: The Contract shall be Interpreted, Construed and Governed by Laws of India.
- 22.0 Jurisdiction: The Courts within the jurisdiction of Bengaluru shall have to deal with and decide any matter arising out of this contract.
- 23.0 Secrecy and Non-Disclosure Agreement: All the Drawings, Documents, Specifications, Formats, Equipments Data and Components issued by U.R. RAO Satellite Centre, Bangalore in connection with the execution of the Contract shall be handled with utmost care and caution by the Service Provider and shall remain the property of Service Receiver and shall not be passed on or sold or disclose to third parties for any exploitation, commercial or otherwise without the express written permission of Service Receiver. The Service Provider shall indemnify U.R. RAO Satellite Centre, Bangalore from infringement of patents and other copy rights to this effect. This is required in order to protect the interest of Service Receiver as far as the Services are concerned. No hard/Photostat copies will be retained by the Service Provider. The Secrecy and Non-Disclosure Agreement in Prescribed format is to be executed by the Service Provider while accepting the Contract as part of Security Measure.

24.0 Arbitration: Arbitration: In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 together with amendments thereto or any modification thereof. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre Bengaluru (Domestic an International) as per its rules and regulations. The expenses for the Arbitration shallbe shared equally or as may be determined by the Arbitration. The considered and written decision of the Arbitration shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.

25.0 Deletion of Units/Systems/Equipments: URSC reserves the right to delete any Units/Systems/Equipments from the Contract.

26.0 Relocation/Shifting of Units/Systems/Equipments: URSC reserves the right to relocate/shift the Units/Systems/Equipments as and when necessary.

27.0 Change in the Name and Address of Service Provider: In the event of Change in Name and Address of Service Provider, Documentary Proof issued by the appropriate Government Authorities shall be produced for such change.

28.0 Implementation of Government Purchase and Price Preference Policy for MSEs: In order to avail of the benefits extended by Government of India to the Micro and Small Enterprises [MSEs], please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by General Manager, District Industries Center or National Small Industries Corporation [NSIC] Registration Certificate along with your offer. The facilities/ benefits will be extended as per orders issued by Ministry of MSME, Government of India, New Delhi or any instructions issued from time to time. The successful MSEs shall execute mandatorily Security Deposit for 10% of the Contract value towards satisfactory execution of the Contract.

29.0 For e-Procurement Tenders: The Service Provider[s] may log in to https://eproc.isro.gov.in and submit the Offers through Online only. Manual/Postal Courier/Email/Fax Offers will not be considered.

Further, it may be noted that no Manual Tender document will be issued by URSC. No Tender Fee shall be payable for submission of Tender through e-procurement.

30.0 Validity of Offer: The offer should be valid for a minimum period of 180 days from the date of opening of the tender.

31.0 All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, the amount quoted in words shall prevail over the amount mentioned in figures.

32.0 The Authority of person signing the Tender, if called for shall be produced.

33.0 Conditional Discounts/Offers will not be considered.

34.0 OEM/Authorized dealers only need to submit the bid against this tender enquiry. Kindly submit valid OEM authorization certificate along with bid. In the absence of OEM authorization certificate URSC reserve right to reject the offer/bid.

35.0 Force Majeure/Extension of Time: Neither party shall bear responsibility complete or partial nonperformance of any of his obligations [except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the Contract], if the non-performance results from such force majeure circumstances such as, but not restricted to, flood, fire, earthquake, civil commotion, sabotage, explosion, epidemic, quarantine restriction, strike, lock out, freight embargo, acts of the Government either in its sovereign or its contractual capacity, hostility, acts of public enemy and other acts of God as well as war or revolution, military operation, blockade, acts or actions of state authorities or any other Circumstances beyond the control of the parties that have arisen after the conclusion of Contract. In such circumstances, the time stipulated for the performance of an obligation under the Contract may be proportionately extended. The party for whom it has become impossible to meet the obligation under this contract due to force majeure condition shall notify the other party in writing not later than 7 days from the date of the occurrence and cessation of the force majeure condition/s. In the event of delay lasting over one month, arising from force majeure causes, the Purchaser reserves the right to cancel the contract without any obligation to compensate the Tenderer in any manner. Unless agreed by both the parties, in writing, the Contractor shall continue to perform his obligations under the Purchase Order/Contract as far as is practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event. Any Certificate issued by the Chamber of Commerce or any other competent authority or organization of the respective country

shall be sufficient proof of commencement and cessation of the above circumstances. In cato carryout complete or partial performance of an obligation for more than 60 days, either preserve the right to terminate the Contract totally or partially. A prior written notice of 30 days other party will be given informing of the intention to terminate without any liability.	arty shall
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C. Bid Templates

C.1 Technical Bid - Non-Comprehensive Annual Maintenance Service Contract for Fire Alarm, Public Address and Talk Back System at ISITE Campus, Marathahalli, Bengaluru-560037

1. AMSC for Smoke detection system @ DTF

Item specifications for AMSC for Smoke detection system @ DTF

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

2. AMSC for Smoke detection system @ EXTENSION TO AITF-1

Item specifications for AMSC for Smoke detection system @ EXTENSION TO AITF-1

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried out as per	attached in	Yes / No / Explain		

Document: Details detectors

3. AMSC for Smoke detection system @ NEW CATF

Item specifications for AMSC for Smoke detection system @ NEW CATF

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	Details of Equipment available at site is attached in Annexure-3	Yes / No / Explain		

Document: Details detectors

4. AMSC for Smoke detection system @ AITF-2

Item specifications for AMSC for Smoke detection system @ AITF-2

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

5. AMSC for Smoke detection system @ HDI

Item specifications for AMSC for Smoke detection system @ HDI

(SI No	Specification	Value	Compliance	Offered Specification	Remark
_	1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

6. AMSC for Smoke detection system @ SPBL

Item specifications for AMSC for Smoke detection system @ SPBL

;	SI No	Specification	Value	Compliance	Offered Specification	Remark
	1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

7. AMSC for Smoke detection system @ SEG(GF+FF)

Item specifications for AMSC for Smoke detection system @ SEG(GF+FF)

SI No	Specification	Value		Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

8. AMSC for Smoke detection system @ Reception Building

Item specifications for AMSC for Smoke detection system @ Reception Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

9. AMSC for Smoke detection system @ SEG (SF+TF)

Item specifications for AMSC for Smoke detection system @ SEG (SF+TF)

SI No	Specification	Value		Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	available at site is attached in	Yes / No / Explain		

Document: Details detectors

10. AMSC for Smoke detection system @ SSIF Building

Item specifications for AMSC for Smoke detection system @ SSIF Building

SI	No	Specification	Value	Compliance	Offered Specification	Remark
1		AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

11. AMSC for Smoke detection system @ Fire Station

Item specifications for AMSC for Smoke detection system @ Fire Station

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

12. AMSC for Smoke detection system @ MSA Building

Item specifications for AMSC for Smoke detection system @ MSA Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

13. AMSC for Smoke detection system @ CATF Building

Item specifications for AMSC for Smoke detection system @ CATF Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

14. AMSC for Smoke detection system @ CATVAC

Item specifications for AMSC for Smoke detection system @ CATVAC

SI No Sp	pecification	Value	Compliance	Offered Specification	Remark
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n	Yes / No / Explain	available at site is attached in	Non-Comprehensive AMC shall be carried out as per Annexures attached	1
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Document: Details detectors

15. AMSC for Smoke detection system @ ATF

Item specifications for AMSC for Smoke detection system @ ATF

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

16. AMSC for Smoke detection system @ FLIGHT STORAGE Building

Item specifications for AMSC for Smoke detection system @ FLIGHT STORAGE Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

17. AMSC for Smoke detection system @ MATERIAL STORAGE Building

Item specifications for AMSC for Smoke detection system @ MATERIAL STORAGE Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

18. AMSC for Smoke detection system @ AITF-1 Building

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Item specifications for AMSC for Smoke detection system @ AITF-1 Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

19. AMSC for Smoke detection system @WETPROBE Building

Item specifications for AMSC for Smoke detection system @WETPROBE Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

20. AMSC for Smoke detection system @ MGSE

Item specifications for AMSC for Smoke detection system @ MGSE

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried out as per	attached in	Yes / No / Explain		

Document: Details detectors

21. AMSC for Smoke detection system @ HARNESS Building

Item specifications for AMSC for Smoke detection system @ HARNESS Building

SI No	Specification	Value	Compliance	Offered Specification	Remark	
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1 AMC shall I out as per	rehensive Details of Equipmen available at site is attached in Annexure-21	Yes / No / Explain		
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Document: Details detectors

22. AMSC for Smoke detection system @ 2T VIBRATION TEST FACILITY

Item specifications for AMSC for Smoke detection system @ 2T VIBRATION TEST FACILITY

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

23. AMSC for Smoke detection system @ AIRSHIP Building

Item specifications for AMSC for Smoke detection system @ AIRSHIP Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

24. AMSC for Smoke detection system @ LUNAR TERRAIN TEST FACILITY Building

Item specifications for AMSC for Smoke detection system @ LUNAR TERRAIN TEST FACILITY Building

SI	No	Specification	Value	Compliance	Offered Specification	Remark
1		Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

25. AMSC for Smoke detection system @ MAGNETIC MEASUREMENT TEST FACILITY Building

Item specifications for AMSC for Smoke detection system @ MAGNETIC MEASUREMENT TEST FACILITY Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	available at site is attached in	Yes / No / Explain		

Document: Details detectors

26. AMSC for Smoke detection system @ HEATPIPE TEST FACILITY Building

Item specifications for AMSC for Smoke detection system @ HEATPIPE TEST FACILITY Building

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

27. AMSC for Smoke detection system @ PAINT BOOTH TEST FACILITY Building

Item specifications for AMSC for Smoke detection system @ PAINT BOOTH TEST FACILITY Building

;	SI No	Specification	Value	Compliance	Offered Specification	Remark
	1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

28. AMSC for Smoke detection system @ A/C PLANT-2

Item specifications for AMSC for Smoke detection system @ A/C PLANT-2

SI No	Specification	Value		Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

29. AMSC for Smoke detection system @ SUBSTATION-4

Item specifications for AMSC for Smoke detection system @ SUBSTATION-4

SIN	o Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

30. AMSC for Smoke detection system @ SUBSTATION-5

Item specifications for AMSC for Smoke detection system @ SUBSTATION-5

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	AMC shall be carried	attached in	Yes / No / Explain		

Document: Details detectors

31. AMSC for Smoke detection system @ CCTV CONTROL ROOM

Item specifications for AMSC for Smoke detection system @ CCTV CONTROL ROOM

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Non-Comprehensive AMC shall be carried out as per Annexures attached	attached in	Yes / No / Explain		

Document: Details detectors

32. AMSC for Smoke detection system @ configuration/programming of Aspiration Smoke Detectors -Honeywell make, Model- VESDA

Item specifications for AMSC for Smoke detection system @ configuration/programming of Aspiration Smoke Detectors -Honeywell make, Model- VESDA

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Configuration/progra mming of existing Honeywell make, Aspiration Smoke Detectors, Model- VESDA		-		

33. AMSC for Smoke detection system @ configuration/programming of Aspiration Smoke Detectors -Honeywell make, Model- FAAST

Item specifications for AMSC for Smoke detection system @ configuration/programming of Aspiration Smoke Detectors -Honeywell make, Model- FAAST

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Configuration/progra mming of existing Honeywell make Aspiration Smoke Detectors, Model- FAAST		-		

34. AMSC for Smoke detection system @ calibration/configuration of Hydrogen Gas Detectors & Control Panels

Item specifications for AMSC for Smoke detection system @ calibration/configuration of Hydrogen Gas Detectors & Control Panels

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Calibration/configura tion of existing Hydrogen Gas Detectors & Control Panels		-		
2	Details of Hydrogen Gas Detectors & Control Panels	Ambetronics make, Model No. GT 2511- FLP	Yes / No / Explain		

3	Testing and Checking of Gas Detectors, Response Check by Gas Detectors, Sensor and Filter Cleaning & Alarm Checking of the Panel.		-		
4	Submitting calibration reports after satisfactory completion of Calibration		-		
35. Sm	oke Detector @ Supp	oly of Photo electric	Analog addressable (optical smoke	detectors
	sensor) with electron	-	-	•	
_	pecifications for Smo detectors (multi sen		-	nalog address	sable optical
SI No	Specification	Value	Compliance	Offered Specification	Remark

36. Smoke Detector @ Analog addressable Heat Detector.

Item specifications for Smoke Detector @ Analog addressable Heat Detector.

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Analog addressable Heat Detector.	Analog addressable heat detector. The detector shall have the following features: a) Solid state addressing arrangement in combination with a hand held programmer to configure the sensor address b) Electronics free mounting base c) Twin alarm LEDs for 360 Degree viewing and shall have blinking LED facility. d) Simple antitamper locking mechanism	Yes / No / Explain		

37. Smoke Detector @ Visual type response indicators with LED indicating lamp

Item specifications for Smoke Detector @ Visual type response indicators with LED indicating lamp

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Visual type response indicators with LED indicating lamp	Visual type response indicators with LED indicating lamp, housed in suitable MS enclosure with acrylic cover fixed in flush with wall to operate in conjunction with Smoke/Heat detectors operating on 24 V DC installed above the false ceiling or below the false floor, complete with all accessories and fixing materials	Yes / No / Explain		

38. Smoke Detector @ Addressable Manual Call Stations within built monitor module and press / break and reset table

Item specifications for Smoke Detector @ Addressable Manual Call Stations within built monitor module and press / break and reset table

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Addressable Manual Call Stations within built monitor module and press / break and reset table	addressable manual call stations within built monitor module and press / break and reset table capability constructed of high impact LEXAN sheet with clearly visible operating instructions on the cover and the word "FIRE" shall appear on front and suitable for surface mounting / flush mounting as complete as required	Yes / No / Explain		

39. Smoke Detector @ Short circuit isolator, analog addressable type for isolating analog devices from short circuit, fault isolating module with LED

Item specifications for Smoke Detector @ Short circuit isolator, analog addressable type for isolating analog devices from short circuit, fault isolating module with LED

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Short circuit isolator	short circuit isolator, analog addressable type for isolating analog devices from short circuit, fault isolating module shall have LED that latches to indicate a short on the loop. This device shall automatically determining an return to normal condition of the loop and restore the isolated segments	Yes / No / Explain		

40. Smoke Detector @ Input Modules

Item specifications for Smoke Detector @ Input Modules

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of input modules	Addressable Input modules	Yes / No / Explain		

41. Smoke Detector @ AHU Control Modules

Item specifications for Smoke Detector @ AHU Control Modules

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of AHU Control Modules	addressable control modules for providing tripping contacts for the AHUs	Yes / No / Explain		

42. Smoke Detector @ Hydrogen Gas Detectors (only sensor)

Item specifications for Smoke Detector @ Hydrogen Gas Detectors (only sensor)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply Hydrogen Gas Detectors (only sensor)	Sensor shall be suitable for existing hydrogen gas detector system.	Yes / No / Explain		
2	Existing gas detector	Ambetronics make , Model No. GT 2511- FLP	Yes / No / Explain		

43. Smoke Detector @ Hydrogen Gas Detector Panels

Item specifications for Smoke Detector @ Hydrogen Gas Detector Panels

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Hydrogen Gas Detector Panels	Similar to existing AMBETRONICS make 8 Channel rack., model No. RK- 220	Yes / No / Explain		

44. Smoke Detector @ Analog addressable Beam Master detector

Item specifications for Smoke Detector @ Analog addressable Beam Master detector

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Analog addressable Beam Master detector	Beam smoke detectors (Beam masters) to be interfaced with the analog addressable control panel and consisting of:- i) Transmitter and receiver with separate alarm and trouble signals which distinguish between a percentage of signal blockage and total beam block	Yes / No / Explain		
2	spec	ii) Four alignment LEDs on the front of each unit to indicate signal strength to case alignment. iii) Remote test station with Alarm LED indicator to test and reset the beam detector from a remote location. iv) Transmitter and receiver shall be capable of being powered separately or together. v) The detector shall have feature automatic gain control which will compensate for gradual signal deterioration from dirt accumulation on leases.	Yes / No / Explain		

45. Smoke Detector @ Loop powered base addressable sounders

Item specifications for Smoke Detector @ Loop powered base addressable sounders

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Loop powered base addressable sounders	suitable for existing systems	Yes / No / Explain		

46. D.C. Power Supply @ 24 Volts Power Supply for Aspiration Smoke Detectors inside powder coated enclosure with built in 2 nos. 12V, 24 AH Battery, suitable battery charger for 24VDC, 2.8 Amps, indication, NO/NC relay contacts for alarm/fault

Item specifications for D.C. Power Supply @ 24 Volts Power Supply for Aspiration Smoke Detectors inside powder coated enclosure with built in 2 nos. 12V, 24 AH Battery, suitable battery charger for 24VDC, 2.8 Amps, indication, NO/NC relay contacts for alarm/fault

SI No	Specification	Value	Compliance	Offered Specification	Remark	
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1	24 Volts Power Supply for Aspiration Smoke Detectors inside powder coated enclosure with built in 2 nos. 12V, 24 AH Battery, suitable battery charger for 24VDC, 2.8 Amps, indication, NO/NC relay contacts for alarm/fault		-	
2	input supply	230Vols, Single phase 50Hz	Yes / No / Explain	
3	Output voltage (DC)	24 Volts	Yes / No / Explain	
4	Output current	2.8A(min)	Yes / No / Explain	
5	Output ripple voltage	Less than 5% of rated voltage	Yes / No / Explain	
6	Batteries	2Nos of 12Volts, 24AH battery	Yes / No / Explain	

47. D.C. Power Supply @ Power Supply for Hydrogen Gas Detector Panel inside powder coated enclosure with built in 2 nos. 12V, 65 AH Battery, suitable battery charger for 24VDC, 8 Amps, indication, NO/NC relay contacts for alarm/fault

Item specifications for D.C. Power Supply @ Power Supply for Hydrogen Gas Detector Panel inside powder coated enclosure with built in 2 nos. 12V, 65 AH Battery, suitable battery charger for 24VDC, 8 Amps, indication, NO/NC relay contacts for alarm/fault

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Power Supply for Hydrogen Gas Detector Panel inside powder coated enclosure with built in 2 nos. 12V, 65 AH Battery, suitable battery charger for 24VDC, 8 Amps, indication, NO/NC relay contacts for alarm/fault		-		
2	input supply	230V, Single Phase, 50hz	Yes / No / Explain		

3	Ripple content should be less than	5%	Yes / No / Explain	
4	Output voltage	24Volts	Yes / No / Explain	
5	Batteries	2Nos of 12V, 65AH SMF batteries	Yes / No / Explain	

48. Smoke Detector @ Filters for Aspiration Smoke Detectors

Item specifications for Smoke Detector @ Filters for Aspiration Smoke Detectors

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of filter unit for Aspiration system	Dual-stage dust filter suitable for existing Honeywell make, Model- VESDA & Model- FAAST aspiration systems	Yes / No / Explain		

49. Smoke Detector @ End of Line Resistance (EOL) for Linear Heat Sensing Cables (Digital)

Item specifications for Smoke Detector @ End of Line Resistance (EOL) for Linear Heat Sensing Cables (Digital)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of End of Line Resistance (EOL) for Linear Heat Sensing Cables (Digital)		-		

50. Smoke Detector @ LHD Modules for Linear Heat Sensing Cables (Digital)

Item specifications for Smoke Detector @ LHD Modules for Linear Heat Sensing Cables (Digital)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of LHD Modules for Linear Heat Sensing Cables (Digital)	Suitable for existing Fire alarm system	Yes / No / Explain		

51. PUBLIC ADDRESS SYSTEM & ACCESSORIES @ Wall Mounted Speakers (12 Watt)

Item specifications for PUBLIC ADDRESS SYSTEM & ACCESSORIES @ Wall Mounted Speakers

(12 Watt)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of wall mounted speakers	Suitable for existing Public addressing system	Yes / No / Explain		
2	Wattage	12Watt	Yes / No / Explain		
3	Frequency response	110Hz to 15kHz complying to relevant UL/EN standards for safety & EMI/EMC compatibility	Yes / No / Explain		

52. PUBLIC ADDRESS SYSTEM & ACCESSORIES @ Ceiling Mounted Speakers (6 Watt)

Item specifications for PUBLIC ADDRESS SYSTEM & ACCESSORIES @ Ceiling Mounted Speakers (6 Watt)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Ceiling Mounted Speakers (6 Watt)	suitable for existing Public addressing systems	Yes / No / Explain		
2	Wattage	6Watt	Yes / No / Explain		
3	frequency response of speaker	110Hz to 15kHz complying to relevant UL/EN standards for safety & EMI/EMC compatibility	Yes / No / Explain		

53. PUBLIC ADDRESS SYSTEM & ACCESSORIES @ PCB card for Class D Power Amplifier (250 Watt)

Item specifications for PUBLIC ADDRESS SYSTEM & ACCESSORIES @ PCB card for Class D Power Amplifier (250 Watt)

SI	l No	Specification	Value	Compliance	Offered Specification	Remark
1		Supply of PCB card	suitable for existing 250Watt Class D Power Amplifier	Yes / No / Explain		

54. PUBLIC ADDRESS SYSTEM & ACCESSORIES @ PCB card for Class D Power Amplifier (480

W	la	tt	t)

Item specifications for PUBLIC ADDRESS SYSTEM & ACCESSORIES @ PCB card for Class D Power Amplifier (480 Watt)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of PCB card	Suitable for 480Watt Class D power amplifier	Yes / No / Explain		

55. FIRE ALARM control panel @ Loop card for FACP

Item specifications for FIRE ALARM control panel @ Loop card for FACP

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply Loop card for FACP panel	Suitable for existing Fire alarm control panels	Yes / No / Explain		

56. FIRE ALARM control panel @ RS-485 card for FACP

Item specifications for FIRE ALARM control panel @ RS-485 card for FACP

SIN	No Specification	Value	Compliance	Offered Specification	Remark
1	Supply of RS-485 card	suitable for existing Morley make FACP panels	Yes / No / Explain		

57. FIRE ALARM control panel @ Modbus Card for FACP

Item specifications for FIRE ALARM control panel @ Modbus Card for FACP

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of Modbus interface module for FACP panels	suitable for existing Morley make panels	Yes / No / Explain		
2	Interface module shall come with enclosure & DC supply		-		

58. FIRE ALARM control panel@ Telephone dialers

Item specifications for FIRE ALARM control panel@ Telephone dialers

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Telephone dialers for FACP panels		-		
2	Minimum 10 nos of telephone numbers able to store for sending fire alert audio call		-		
3	Suitable to operate on existing FACP Panels		-		
4	Recording time	shall have 20 second recording time for each message	Yes / No / Explain		

59. CABLE @ 2Cx1.5 sq. mm, 1.1 kV grade, twisted pair shielded, FRLS, copper conductor armoured Fire Cable. Cable shall bear ISI certification mark

Item specifications for CABLE @ 2Cx1.5 sq. mm, 1.1 kV grade, twisted pair shielded, FRLS, copper conductor armoured Fire Cable. Cable shall bear ISI certification mark

SI N	Specification	Value	Compliance	Offered Specification	Remark
1	Supply of 2Cx1.5 sq. mm, 1.1 kV grade, twisted pair shielded, FRLS, copper conductor armoured Fire Cable. Cable shall bear ISI certification mark		-		

Common Specifications (Applicable for all items)

	SI No	Specification	Value	Compliance	Offered Specification	Remark
-1						

1	Non-Comprehensive Annual Maintenance Service Contract (NCAMSC) for Fire Alarm System, Public Address and Talk Back Systems installed at ISITE Campus, Marathahalli, Bengaluru		-	
2	Scope of work	Carrying out quarterly regular preventive maintenance checks, attending to complaints and repairing as and when required for ensuring trouble free operation of the installed system as per detailed specification given in Annexure-A and BOM given in Annexure-B throughout the entire AMC period.	Yes / No / Explain	
3	Note:	1) For satisfactory carrying out the preventive checks for all the buildings, contractor shall depute manpower on regular basis (5 days in a week, excluding Sunday/Holidays): 2) Preventive checks shall be carried out on quarterly basis for all the buildings 3) Existing Fire Alarm Systems are of different makes such as Morley, Secutron, Siemens, Hochiki, GST as indicated in BOM (Annexure-B)	Yes / No / Explain	

Supporting Documents required from Vendor

1. Signed copy of Annexure-A, B & C

additional documents can be uploaded by the vendor	
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C.2 Commercial Terms / Bid

SI. No.	Description	Compliance	Vendor Terms
1	Spares shall be supplied only after obtaining approval from department.	Yes / No / Explain	
2	L1 will be arrived based on overall price quoted by the vendor.	Yes / No / Explain	
3	Provide compliance for General terms and conditions which is attached as a separate sheet in a document folder.	Yes / No / Explain	
4	Taxes: Government of India has implemented Goods and Services Tax [GST] w.e.f. 01.07.2017. The Tenderer[s] should mandatorily possess a valid GSTIN along with the GST Registration Certificate.	Yes / No / Explain	
5	Indicate the applicable Rate of GST for the quoted item/s	Yes / No / Explain	
6	Indicate the applicable HSN code/s for the quoted item/s	Yes / No / Explain	
7	Have you noted the applicability of GST in clause 6.0 of our General Terms and conditions attached to this Tender	Yes / No / Explain	
8	Delivery Terms [Indigenous Supply]: Tenderer[s] shall quote the Price[s] on FOR, URSC/ISITE, Bengaluru or On site, whichever is applicable.	Yes / No / Explain	
9	Delivery Date/Completion Date/Contract Period: Non Comprehensive Annual Maintenance Service Contract shall shall be valid for a period of 02 years from the date release of PO. Spares shall be supplied within 15 Days from date of confirmation received from department.	Yes / No / Explain	
10	Mode of Despatch (Rail/Road)	Yes / No / Explain	
11	Payment Terms: As referred in scope of Work.	Yes / No / Explain	

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12	Security Deposit: The Contractor shall execute Security Deposit for 3 per cent of the value of the Purchase Order to ensure Satisfactory Performance of the Contract. The Security Deposit shall be executed within 20 days after Receipt of Purchase Order or any extension thereof. The Security Deposit is to be furnished in the form of Insurance Surety Bond/Account Payee Demand Draft or Fixed Deposit Receipt or Bank Guarantee from Nationalized Bank/Scheduled Bank approved by RBI. The Security Deposit shall be executed on a Non-Judicial Stamp Paper of appropriate value and shall be valid for a period of 60 days beyond the date of completion of the P.O/Contract In case the Contractor fails to furnish the Security Deposit within 20 days or any extension thereof the Purchase Order shall be Cancelled or Terminated and appropriate penal action shall be initiated. Any breach of the Terms and Conditions of the PO including Delivery Period, Security Deposit shall be forfeited and PO shall be terminated and cancelled at the Contractors risk, cost and liability. The Security Deposit will not carry any interest and shall be returned after completely executing the order. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.	Yes / No / Explain	
13	Down Time Compensation: As referred in scope of Work.	Yes / No / Explain	
14	Validity of Offer: The Bid and the prices quoted shall remain valid for 90 days for Single Part Tender. In case of Two Part Tender, bid validity shall remain valid for 120 days from the date of opening Part-1 and 90 days from the date of opening of Part-2 bid. Adherence to this clause is compulsory or otherwise, the Tender will be rejected.	Yes / No / Explain	
15	In the event of any damage to the Service Receivers Property or personal injury to Service Receiver/Providers personnel due to negligence of the Service Providers Employees, the responsibilities shall be solely rest upon with the Service Provider.	Yes / No / Explain	

16	Material Bank Guarantee: In case of major repair of the Equipment/Spare Part/Accessory etc., the successful Service Provider shall furnish Bank Guarantee towards the cost of Material to be taken out to Factory/Workshop for carrying out repairs. The BG is to be kept valid till the receipt and acceptance of the repaired unit.	Yes / No / Explain	
17	Purchase Order to be placed on whom. Kindly furnish the following points: a) Please provide contact person and company e-mail ID and mobile/land line number in your quotation. b) Please provide the supplier/company proper address, telephone number and email ID on whom purchase order to be placed on in your quotation.	Yes / No / Explain	

18	Dispute resolution between the buyer and the seller / service provider:i.In the event of any conflict or dispute arising out of or in connection with the Contract placed through EGPS, the Parties shall endeavour to settle such disputes amicably. If a dispute is not resolved within 30 (thirty) days after a written notice of any dispute by one Party to the other, the same shall then be resolved through the mechanism of a Dispute Resolution Committee. This Dispute Resolution Committee. This Dispute Resolution Committee shall comprise of representatives of both the Buyer and the Seller / Service Provider and shall be chaired by the Procuring entity or any other person as authorized by the Procuring entity. ii.If the Dispute Resolution Committee is not able to resolve the matter within 30(thirty) days of its formation, the dispute shall be dealt with in accordance to Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement issued by Department of Expenditure via OM No. F.1/2/2024-PPD dated 03.06.2024, as amended from time to time. iii.The Contract shall be interpreted and governed in all respects in accordance with the laws of India. All disputes in connection with or arising out of the Contract, shall be subject to the exclusive jurisdiction of the Court within the local limits of whose jurisdiction principal place of business of the Buyer department / organization is located.	Yes / No / Explain	
19	b) Arbitration with Public Sector Undertakings: In the event of any dispute or difference relating to the interpretation and application of the Contract, such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4 (1)/2013 - DPE (GM) /FTS-1835 dated 22.05.2018. And/or amended thereafter.	Yes / No / Explain	

20	Applicable Law and Jurisdiction: Contract shall be interpreted, construed and governed by the Laws of India and the Courts in Bengaluru City alone shall have exclusive jurisdiction in this regard, to the extent permissible under the Arbitration and Conciliation Act, 1996. Non-acceptance to this Clause will amount to rejection of the Tender.	Yes / No / Explain	
21	In case a bidder is an MSE, registered under NSIC or any other Government Agencies and would like to avail exemptions, offer should be accompanied with necessary registration certificate with declaration to consider their offer. Quotation received without such declaration and valid registration certificate will not be considered for exemptions under the Public Procurement Policy.	Yes / No / Explain	
22	Please refer the following OMs/orders issued by Govt. of India while submitting the bid: (i) No. P-45021/2/2017-PP (BE-II) dated 16.09.2020 (ii) F.No.6/18/2019-PPD (Public Procurement No.1) dated 23.07.2020 (iii) F.No.6/18/2019-PPD (Public Procurement No.2) dated 23.07.2020 and (iv) F.No.6/18/2019-PPD (Public Procurement No.3) dated 24.07.2020. All the provisions mentioned in the above OMs/orders shall be complied. If any deviation from the above OMs/order, your offer will be liable for rejection. All Bidders fulfilling the above orders, shall submit a valid registration certificate made with DPIIT, without which the offer shall not be considered.	Yes / No / Explain	
23	Based on the GOI order dated 16.09.2020 as mentioned above, provide declaration in Company Letter head indicating the following: a) Percentage of Local Content in the quoted items alongwith its break-up (in percentage only). It may be noted that Local Content shall not include services such as Transportation, Insurance, Installation, Commissioning, Training and after sales service support like AMC/CMC etc Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	

24	b) Details of the location(s) at which the local value addition is made Adherence and acceptance to this Clause is Compulsory or otherwise the Tender will be rejected.	Yes / No / Explain	
25	Unique Gem Seller Id.	Yes / No / Explain	

C.3 Price Bid

SI. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	AMSC for Smoke detection system @ DTF	2.00 Years		-		
2	AMSC for Smoke detection system @ EXTENSION TO AITF-1	2.00 Years		-		
3	AMSC for Smoke detection system @ NEW CATF	2.00 Years		-		
4	AMSC for Smoke detection system @ AITF-2	2.00 Years		-		
5	AMSC for Smoke detection system @ HDI	2.00 Years		-		
6	AMSC for Smoke detection system @ SPBL	2.00 Years		-		
7	AMSC for Smoke detection system @ SEG(GF+FF)	2.00 Years		-		
8	AMSC for Smoke detection system @ Reception Building	2.00 Years		-		

9	AMSC for Smoke detection system @ SEG (SF+TF)	2.00 Years	-	
10	AMSC for Smoke detection system @ SSIF Building	2.00 Years	-	
11	AMSC for Smoke detection system @ Fire Station	2.00 Years	-	
12	AMSC for Smoke detection system @ MSA Building	2.00 Years	-	
13	AMSC for Smoke detection system @ CATF Building	2.00 Years	-	
14	AMSC for Smoke detection system @ CATVAC	2.00 Years	-	
15	AMSC for Smoke detection system @ ATF	2.00 Years	-	
16	AMSC for Smoke detection system @ FLIGHT STORAGE Building	2.00 Years	-	
17	AMSC for Smoke detection system @ MATERIAL STORAGE Building	2.00 Years	-	
18	AMSC for Smoke detection system @ AITF-1 Building	2.00 Years	-	

19	AMSC for Smoke detection system @WETPROB E Building	2.00 Years	-	
20	AMSC for Smoke detection system @ MGSE	2.00 Years	-	
21	AMSC for Smoke detection system @ HARNESS Building	2.00 Years	-	
22	AMSC for Smoke detection system @ 2T VIBRATION TEST FACILITY	2.00 Years	-	
23	AMSC for Smoke detection system @ AIRSHIP Building	2.00 Years	-	
24	AMSC for Smoke detection system @ LUNAR TERRAIN TEST FACILITY Building	2.00 Years	-	
25	AMSC for Smoke detection system @ MAGNETIC MEASUREM ENT TEST FACILITY Building	2.00 Years	-	
26	AMSC for Smoke detection system @ HEATPIPE TEST FACILITY Building	2.00 Years	-	

27	AMSC for Smoke detection system @ PAINT BOOTH TEST FACILITY Building	2.00 Years	-	
28	AMSC for Smoke detection system @ A/C PLANT-2	2.00 Years	-	
29	AMSC for Smoke detection system @ SUBSTATIO N-4	2.00 Years	-	
30	AMSC for Smoke detection system @ SUBSTATIO N-5	2.00 Years	-	
31	AMSC for Smoke detection system @ CCTV CONTROL ROOM	2.00 Years	-	
32	AMSC for Smoke detection system @ configuration/ programming of Aspiration Smoke Detectors - Honeywell make, Model- VESDA	21.00 Each	-	
33	AMSC for Smoke detection system @ configuration/ programming of Aspiration Smoke Detectors - Honeywell make, Model- FAAST	29.00 Each	-	

34	AMSC for Smoke detection system @ calibration/co nfiguration of Hydrogen Gas Detectors & Control Panels	58.00 Each	-	
35	Smoke Detector @ Supply of Photo electric Analog addressable optical smoke detectors (multi sensor) with electronic base	40.00 Each	-	
36	Smoke Detector @ Analog addressable Heat Detector.	15.00 Each	-	
37	Smoke Detector @ Visual type response indicators with LED indicating lamp	20.00 Each	-	
38	Smoke Detector @ Addressable Manual Call Stations within built monitor module and press / break and reset table	10.00 Each	-	

39	Smoke Detector @ Short circuit isolator, analog addressable type for isolating analog devices from short circuit, fault isolating module with LED	10.00 Each	-	
40	Smoke Detector @ Input Modules	6.00 Each	-	
41	Smoke Detector @ AHU Control Modules	5.00 Each	-	
42	Smoke Detector @ Hydrogen Gas Detectors (only sensor)	1.00 Each	-	
43	Smoke Detector @ Hydrogen Gas Detector Panels	1.00 Each	-	
44	Smoke Detector @ Analog addressable Beam Master detector	1.00 Each	-	
45	Smoke Detector @ Loop powered base addressable sounders	5.00 Each	-	

46	D.C. Power Supply @ 24 Volts Power Supply for Aspiration Smoke Detectors inside powder coated enclosure with built in 2 nos. 12V, 24 AH Battery, suitable battery charger for 24VDC, 2.8 Amps, indication, NO/NC relay contacts for alarm/fault	12.00 Each	-	
47	D.C. Power Supply @ Power Supply @ Power Supply for Hydrogen Gas Detector Panel inside powder coated enclosure with built in 2 nos. 12V, 65 AH Battery, suitable battery charger for 24VDC, 8 Amps, indication, NO/NC relay contacts for alarm/fault	2.00 Each	-	
48	Smoke Detector @ Filters for Aspiration Smoke Detectors	25.00 Each	-	
49	Smoke Detector @ End of Line Resistance (EOL) for Linear Heat Sensing Cables (Digital)	5.00 Each	-	

50	Smoke Detector @ LHD Modules for Linear Heat Sensing Cables (Digital)	2.00 Each	-	
51	PUBLIC ADDRESS SYSTEM & ACCESSORI ES @ Wall Mounted Speakers (12 Watt)	2.00 Each	-	
52	PUBLIC ADDRESS SYSTEM & ACCESSORI ES @ Ceiling Mounted Speakers (6 Watt)	2.00 Each	-	
53	PUBLIC ADDRESS SYSTEM & ACCESSORI ES @ PCB card for Class D Power Amplifier (250 Watt)		-	
54	PUBLIC ADDRESS SYSTEM & ACCESSORI		-	
55	FIRE ALARM control panel @ Loop card for FACP	2.00 Each	-	
56	FIRE ALARM control panel @ RS-485 card for FACP	2.00 Each	-	
57	FIRE ALARM control panel @ Modbus Card for FACP	2.00 Each	-	
58	FIRE ALARM control panel@ Telephone dialers	5.00 Each	-	

59	CABLE @ 2Cx1.5 sq. mm, 1.1 kV grade, twisted pair shielded, FRLS, copper conductor armoured Fire Cable. Cable shall bear ISI certification mark	1000.00 m	-	