



**Directorate
Maharashtra Fire Services
State Fire Academy, Vidyanagari, Hans Bhugra Marg,
Santacruz (East), Mumbai – 400098**

**NOTICE INVITING TENDER – COMPREHENSIVE ANNUAL MAINTENANCE OF
FIRE FIGHTING SYSTEM
TENDER NOTICE NO: MFSA /FIRE ACADEMY/FFFI/2021/**

On behalf of the Government of Maharashtra, the Director, Maharashtra Fire Services, Government of Maharashtra, State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai 40098 invites sealed tender offers (Technical and Commercial) from valid License Agency for the Comprehensive Annual Maintenance of Existing Fire Fighting System installed in the Fire Academy. However, if Government thinks it is appropriate may extend upto one more year. Hereinafter referred to as the said authority.

1. The Tender Form along with Tender Documents is available on and can be downloaded from the Website www.mahafireservice.gov.in The filled Tender Form shall accompany a receipt of Tender Fees amounting to Rs. 20000/- (Rs. Twenty Thousand Only) paid through NEFT. Details of NEFT for all the Financial Transaction is given in the below table. Other details are as below. Tender Form without the receipt of tender form fees enclosed in technical offer envelope shall be treated as incomplete and shall not be considered.
2. **Summary of the Tender Notice is as follows:**

Tender Reference	MFSA/Fire Academy/FFFI/2021/
Name of Work	Comprehensive Annual Maintenance (CMAC) of Existing A) Fire Hydrant, Sprinklers including Fire Pumps (hereinafter refer as “Hydrant System) B) Fire Detection & Fire Alarm System, Gas Flooding System, PA System & Fire Extinguishers (hereinafter refer as “Detection System) in the Maharashtra Fire Service Academy including issue of Form B for Directorate of Maharashtra Fire Service, Santacruz East, Mumbai, Maharashtra 400098

Tender Fee	Rs. 10,000/- (Rs. Ten Thousand Only)
Earnest Money Deposit (EMD)	Rs. 01 Lakhs (Rs. One Lac only)
Security Deposit (SD) (Only in case of a Successful Bidder)	Rs. 3 Lakhs through Bank Guarantee from Nationalised Bank.
Availability of Tender Form and Tender Document	FROM : 21/06/2021 at 11 .00 AM UP to : 07/07/2021 at 14.00 PM
Pre-bid Conference date & place	On 14/07/2021 at 11.30 hrs Office of the Director, Maharashtra, Fire Services State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai - 400 098
Last Date, Time and place for receipt of Bids	21/07/2021 at 13:00 hrs in the office of the Director, Maharashtra Fire Services, State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai - 400 098
Time and Date of Opening of the Technical Bid	21/07/2021 at 15:00 hrs in the office of the Director, Maharashtra Fire Services, State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai - 400 098
Time and Date of Opening of the Commercial Bid of qualified agencies.	28/07/2021 at 15:00 hrs in the office of the Director, Maharashtra Fire Services State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai - 400 098
Address of Communication	Office of the Director, Maharashtra Fire Services, State Fire Academy, Hans Bhurga Marg, Vidyanagri, Santacruz (East), Mumbai -400 098
All Payment Bank Details (NEFT only)	Name of the Bank & Branch :- Reserve Bank of India, Fort, Mumbai-400001 IFS Code of RBI :- RBIS0MBPA04 (both "O" is to be read as "Zero") P.L Account No :- 6184087001 Account Name :- "Director, Maharashtra Fire Services, Mumbai"
Contact Person and Telephone Numbers	Shri. Kiran Hatyal, 8652223567 (M) 022-26677527; Asst. Director, MFS
Time limit for completion of work	90 days from the date of work order.

3. The scope shall also include replacing the parts / equipment's / device etc and hence the bidder may visit the Academy for necessary inspection before submission bidding.

4. The additional item that will be included in the tender shall be informed on pre-bid meeting day so that all the participants agree to such additional cost due to replacement of the parts / equipment / device etc. Such item-cost shall be added as separate annexure to the tender in commercial tender for easy comparison.
5. Looking at the pandemic situation, may be called upon any online platform.
6. Tender shall be available on the website www.mahafireservice.gov.in. if any supporting documents required same may be contacted as asst.director@mahafireservice.gov.in.
7. All fees shall be paid online as mentioned in the table above.
8. if required the CMAC, may be for the period of Two Years.
9. The EMD deposit of successful bidder shall be converted as a part of security deposit and EMD of unsuccessful bidders shall be refunded within 90 days from the date of finalization of tender.
10. The detail scope of Work is given in Annexure – I.
11. All those Bids for which EMD is not paid along with the Bid shall be rejected outrightly without assigning any reason thereof.
12. The EMD deposit of successful bidder shall be converted as a part of security deposit and EMD of unsuccessful bidders shall be refunded within 90 days from the date of finalization of tender.
13. The Director, Maharashtra Fire Services reserves an absolute, unqualified and unchallengeable right to accept or reject any or all Bids without assigning any reason thereof.
14. Conditional Tender/Bid such as alternative offers or any hidden clauses, expenses etc. shall be liable for rejection without assigning any reason thereof.
15. This Tender Notice/ Bid document and corresponding errors or changes brought in past pre bid meeting shall form a part and partial of Tender Document.
16. The Bidders are advised to read carefully the "**Instructions to Bidders**" contained in the Tender Document.

17. Additional details, if required may be obtained from undersigned, during office hours on working days or may contact the person as mentioned in 6) above.

18. The bidder awarded the contract shall issue necessary certificate in Form B as per Maharashtra Fire Prevention and Life Safety Measure Act, 2006 and Rules 2009 (hereinafter referred as "Fire Act" and "Fire Rules" respectively)

Date:

Director, MFS



DISCLAIMER

The information contained in this Tender Document (the “document”) or subsequently provided to Bidder(s), whether verbally or in documentary or any other form, by or on behalf of Maharashtra Fire Services (referred to as the “Authority”) or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this document and such other terms and conditions subject to which such information is provided.

This document is not an agreement and is neither an offer nor an invitation by the Authority to the prospective Bidders or any other person. The purpose of this document is to provide interested parties with information that may be useful to them in the formulation of their Bid pursuant to this document. This document includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to carrying out Comprehensive Annual Maintenance of the Fire Fighting System in the Fire Academy. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This document may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this document. The assumptions, assessments, statements and information contained in this document may not be complete, accurate, adequate or correct and each Bidder should therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this document and obtain independent advice from appropriate sources.

Information provided in this document to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The Authority, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder, under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the document and any assessment, assumption, statement or information contained therein or deemed to form part of this document.

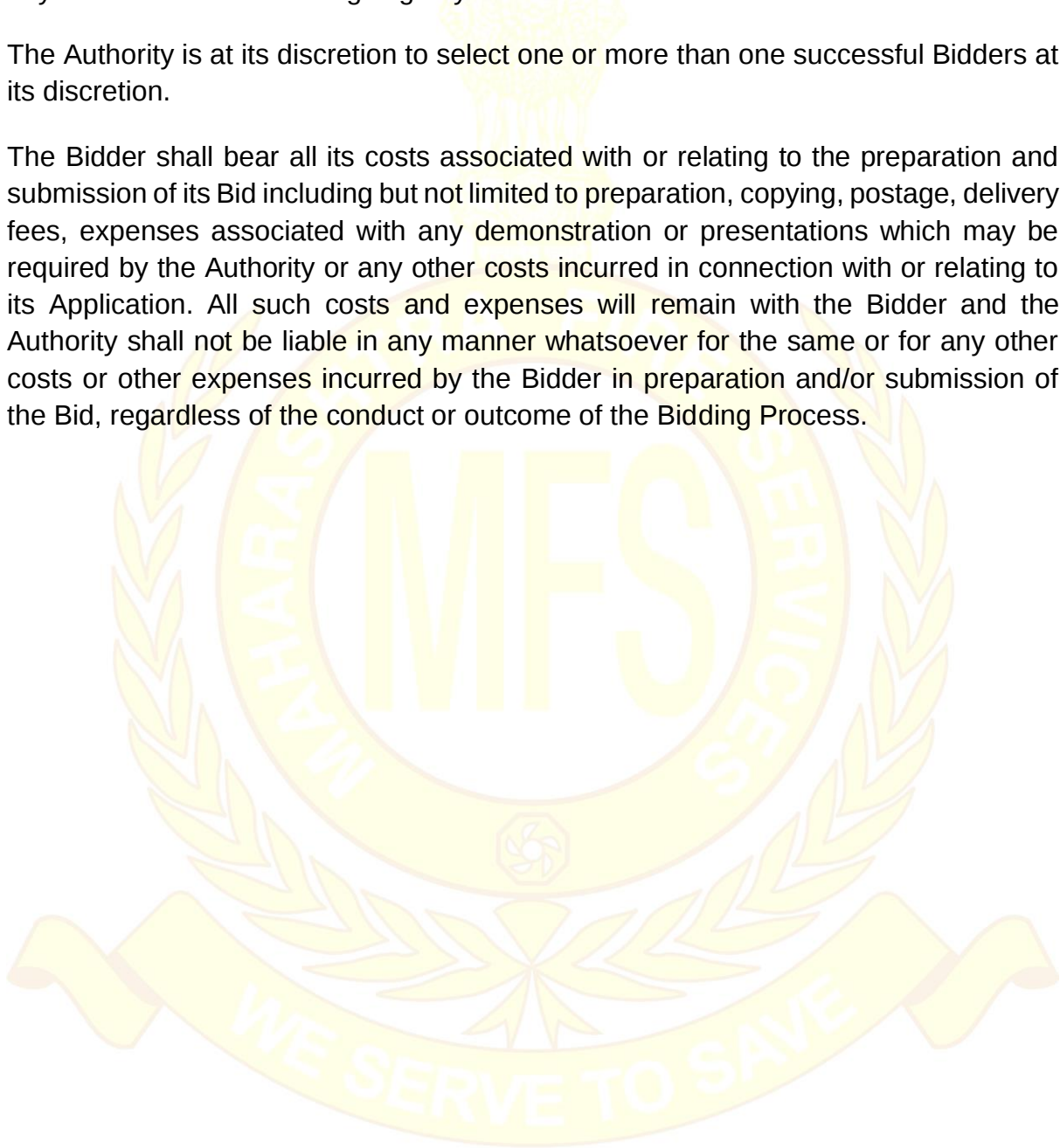
The Authority also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this document.

The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this document.

The issue of this document does not imply that the Authority is bound to appoint the selected bidder for carrying out Comprehensive Annual Maintenance of the Fire Fighting System in the Academy and the Authority reserves the right to reject all or any of the Bids without assigning any reasons whatsoever.

The Authority is at its discretion to select one or more than one successful Bidders at its discretion.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstration or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Bidder and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by the Bidder in preparation and/or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.



INSTRUCTIONS TO BIDDERS

GENERAL CONDITIONS:

1. TENDER FORM AND TENDER FEE:

The tender Form along with tender document is available on and can be downloaded from the Website <http://maharashtrafireservices.org>. The filled Tender Form shall accompany by a receipt towards payment of Rs. 10,000/- as a Tender Fee as per the account details given in Clause 2 above. Tender Fee without which the Tender will be taken as incomplete and shall be rejected. The receipt shall be submitted in Technical Envelope – I.

2. EARNEST MONEY:

Bidders are required to pay amount of Rs. 1,00,000/- (Rs. One Lac Only) as Earnest Money Deposit (“EMD”) as per the account details given in Clause 2 above. Offers, made without EMD, shall be rejected outrightly without assigning any reason thereof.

Offers wherein EMD is not submitted in the mode prescribed above shall be outrightly rejected without assigning any reason thereof.

EMD provided by the unsuccessful Bidders will be returned within a period of 90 days of the period of tender offer validity prescribed from the date of signing the contract with successful bidder.

The EMD of the successful Bidders shall be adjusted partly against the amount of Security Deposit while executing the Contract and the balance security deposit shall be payable by way of Bank Guaranty before signing of contract.

The EMD may be forfeited:

- a) If a Bidder withdraws its tender during the period of bid validity
- OR
- b) In case of a successful Bidder, if the Bidder fails:
 - i. To execute the agreement / contract within 14 days from the date of the issue of the Letter of the Intent. (Lol)
 - ii. to submit Security Deposit as specified in the terms and conditions

3. BIDDERS:

Reputed and experienced License Agency having valid License issued by the Directorate of Maharashtra shall be eligible to apply for the same. Applied or license awaited shall be treated as “Invalid”. The copy of valid license copy shall be enclosed along-with the tender in Technical Envelope-I. **Sub Contracting for any work related to this contract is not allowed.**

4. ELIGIBILITY

The Directorate of Maharashtra Fire Service itself the competent authority for issue of License Agency under Maharashtra Fire Prevention & Life Safety Measure Act, 2006 and Rules therein. Hence, it is very much essential to ensure the license agency awarded the contract of Maharashtra Fire Academy is of high standard and reputed firm.

The bidder should have the following pre-requisite eligibility:

- a. Should have a valid license of "A" Class for Hydrant & Detection System issued by Directorate of Maharashtra Fire Service. **Applied or license awaited shall be treated as "Invalid"**.
- b. Bank Solvency Certificate of a Nationalized Bank / Scheduled Bank for a minimum of **Rs 10,00,000.00 (Rs. Ten Lac Only)** for Hydrant System and **Rs. 5,00,000.00 (Rs. Five Lac Only)** for Detection System and should not be older than one year from the date of opening of tender.
- c. Average Annual Financial Turnover should be at least **Rs 3,00,00,000.00** (Rs. Three Crore) for Hydrant System and at least **Rs 1,00,00,000.00** (Rs. One Crore) for Detection System during the immediate last 3 consecutive financial year ending **31st March 2021**. This should be duly audited by a registered Chartered Accountant.
- d. Should not have incurred any loss in more than two years during last five years ending 31st March 2021. It shall be profit making for last three years. The Bidder shall submit its balance sheet along with the Profit and loss account statement for the last three years.
- e. Should have completed similar works during last 7 years. List of such work should be enclosed in Technical Offer Envelope-I.
- f. The bidder should have satisfactorily completed – **03 Nos. (Three)** similar works each of value not less than **Rs 8,00,000.00** for Hydrant System and **Rs. 2,00,000.00** for Detection or **02 Nos. (Two)** similar works each of value not less than **Rs 20,00,000.00** for Hydrant System and **Rs. 4,00,000.00** for Detection or **01 (One)** similar work of value at least **Rs. 46,00,000.00** for Hydrant System and **Rs. 6,00,000.00** for Detection System during the last 7 (Seven) years ending previous day of the last date of submission of tender in which the tender is invited. (should enclose such Performance Certificate)
Note: For the purpose, 'cost of work' shall mean gross value of the completed work including the cost of materials supplied by the Govt. / Private Establishment but excluding those supplied free of cost. For the purpose of clause Similar Works means **"Comprehensive Annual Maintenance of Fire Hydrant, Sprinklers, PA System, Fire Alarm System, Fire Pumps, Gas System & Fire Extinguishers as mentioned in scope of work."**
- g. **Bidder should be a registered firm in India. Joint Ventures and or Consortiums are not acceptable.**
- h. Should enclosed following documents in Technical Offer Envelope.
 - i. Copy of Valid Registration Certificate of GST
 - ii. Copy of Permanent Account Number (PAN).
 - iii. List of Plant & Machinery, equipment's, accessories & other infrastructure facilities required to complete the work in time.
 - iv. List of Technical Staff required to carry out the said work.

- i. The Bidder should not have been blacklisted by any Government/Semi Government/PSUs. It is mandatory to submit Self declaration of the company in this regard in the prescribed format in **Annexure T**. If the Bidder is blacklisted during the currency of the Rate Contract, the same will stand terminated forthwith.
- j. Suppressing, camouflage, hiding any information shall be a serious violation and shall lead to outright rejection of bids and shall be actionable as per the law.

5. METHOD OF SUBMISSION OF TENDER FORM

The two bids system shall be followed; means offers shall have

a) Tender Fees b) EMD c) Technical Bid and d) Commercial Bid separately in separate sealed envelopes superscripted as Technical and Commercial Offers respectively. The receipt of EMD & Tender Document Fees should be submitted in separate envelopes enclosed in Technical Offer Envelope. However, both the envelope (Technical & Commercial) may be put in another larger envelope, sealed and superscripted with the Tender Reference Number and Name of Bidder.

The sealed envelopes must be super-scribed with the following information:-

- Type of Offer (Technical or Commercial)
- Tender Reference Number
- Name of Bidder

6. ENVELOPES:-

ENVELOP - 0

- i. Earnest Money Deposit of a Value of Rs. 01 Lacs : EMD amounting to Rs. 01 Lac (Rs. One Lac shall be payable as per the account details given in Clause 2) Table above. The receipt of such payment shall be enclosed in separate envelope which in turn shall be enclosed in Technical Offer Envelope-I.
- ii. Tender Document Fee: Tender is available on the website www.mahafireservice.gov.in and can be downloaded. But before participating for the said bid, the bidder shall pay amount of Rs. 10,000/- (Rs. Ten Thousand Only) as per account details given in Clause 2) Table above. The receipt of such payment shall be enclosed in separate envelope which in turn shall be enclosed in Technical Offer Envelope-I.

ENVELOPE - I: (TECHNICAL BID/OFFER):

The Technical Offer (T.O.) shall be complete in all respects and contain all information asked for, **except prices**. It shall not contain any price information. The T.O. shall have the list of all such documents as mentioned in Clause 4 of Eligibility criteria for bidder.

For example, the Technical Offer shall mention that warranty / guarantee for two years is included in the Commercial Offer, without showing the actual amounts against the T.O.

The **Technical Offer** must be submitted in an organized and neat manner and numbered. No documents, brochures, leaflet, etc. shall be submitted in loose form. Unnecessary papers and duplication of information shall be avoided.

The Technical Offer shall be submitted in duplicate.

The format for submission of Technical Offer is as follows:

- i) Index
- ii) Tender Offer Form (**Annexure B**) duly filled in.
- iii) Documents Establishing Bidder's Eligibility and Qualifications

The Bidder shall furnish, as part of its Tender Offer, documents establishing the Bidder's eligibility to participate in the Tender and its qualifications to perform the Contract.

- iv) The documentary evidence of the Bidder's qualifications to perform the Contract, shall establish to the Directorate's satisfaction that the Bidder is eligible as per the criteria outlined in the Pre Qualification Requirements (QCR) Refer Clause 28.
- v) Requirements detailed out in **Technical Specification Form Annexure A**
- vi) All the Annexure duly filled and signed by authorized signatories.
- vii) **Technical Documentation** (Performance Certificate, Solvency, No. of Job completed etc) as proof towards the compliance of requirements given.
 - a) Any deviation from the requisite specifications should be clearly identified in the **Annexure A** under the title 'Deviations' to the offer document
- viii) Item / Service that is to be supplied / provided free of cost and the ones to be charged for should be clearly indicated. Restriction on usage, if any, should also be mentioned.
- ix) Letter Of Acceptance of all Terms and Conditions of the tender document.
- x) Power of Attorney in favour of the person authorized to sign the bids.

- xi) Manufacturer's Quality Assurance System document should be submitted along with tender.

(Envelope-0 can be kept in Envelope I)

ENVELOPE-II (COMMERCIAL OFFER):

The Commercial Offer must be given in a sealed envelope. It must give all the relevant price information and should not contradict the Technical Offer in any manner. The Price Schedule (PS) must be filled in completely, without any errors, erasures or alterations.

The offer should be put in separate sealed envelopes superscribed with following information.

- i. Tender Reference Number
- ii. Commercial Envelope for item

Bidder should submit their prices only in the **Price Schedule Annexure** given in the Tender. Price quoted other than the Bid form shall be liable to be rejected. The Bid Form must be filled in completely, without any errors, erasures or alterations. Tender should quote **all-inclusive** Price i.e. inclusive of Supply / Installation of necessary Items required to carry out Comprehensive Annual Maintenance Contract for one year and if required, may be extended for two years.

Note:

Bidder can submit their commercial offer for Hydrant or Detection System separately or for both the system in Commercial Envelope and shall be accepted. The lowest quotation will be separate for Hydrant and Detection System and not on the total prices. It means, the bid can be awarded to two different agencies quoting lowest for Hydrant and Detection System respectively.

7. SUSPENSION & CANCELLATION OF BID

On finding any deviation from the specification or violation of any condition of the bidder/ contract, the bid shall be suspended till the final decision. As this is an urgent and emergent act and suspension is not a punishment, it will be issued to check the further work of maintenance of the fire fighting system of substandard goods / works and keep the gravity and complexity of the problem under control. If works carried out regarding maintenance of the system are not conforming to the relevant specification / standards prescribed in the bid, the Contract of the work shall stand terminated. An appropriate action will be taken against such license agency. The aggrieved party may approach the Director, MFS. Decision of the Director, MFS shall be final.

8. SPECIFICATIONS OF EQUIPMENT:

The technical specifications of the work to be carried out for comprehensive annual maintenance contract specified in the **Annexure – A** are the minimum requirements of this Directorate. The Bidder shall provide the technical specifications of the items / equipment / parts quoted by him for which specifications have not been given.

A Pre-Bid conference of all the intending Bidders will also be held at the scheduled date and time as indicated in the Schedule of the Tender. Intending Bidders will be allowed to suggest suitable modifications in the Technical Specifications indicated in **Annexure A** however Director, MFS decision shall be final.

9. Definitions

In this Tender Document and associated documentation, the following terms shall be interpreted as indicated:

- a) "Directorate of Maharashtra Fire Service or Directorate" means Director, Maharashtra Fire Services, Govt. of Maharashtra.
- b) "Bidder" means license agency holding valid A Class License in Hydrant & Detection System issued by Directorate of Maharashtra who bids or offers the goods and services against this invitation for Tender.
- c) "Contractor" means an agency which has been selected as per the process stipulated in this Bid document/ Tender document
- d) "Contract" means the agreement entered into between the Directorate of Maharashtra Fire Service and a successful Bidder, as recorded in the DRAFT CONTRACT FORM signed by the Director and the successful Bidder, including all the attachments and appendices thereto, and all documents incorporated by reference therein;
- e) "Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations;
- f) Detection System means existing Fire Detection & Fire Alarm System, Gas Flooding System, PA System & Fire Extinguishers in the Fire Academy.
- g) Fire Act and Fire Rules means Maharashtra Fire Prevention and Life Safety Measure Act, 2006 and Rules, 2009.
- h) "Goods" means all the equipment, machinery, and/or other materials which the Bidder is required to supply under the Contract;

- i) Hydrant System means existing Fire Hydrant, Sprinklers including Fire Pumps in the Fire Academy.
- j) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services applicable, such as installation, commissioning, provision of technical assistance, testing, training, on-site comprehensive warranty, and other obligations of the Bidder covered under the Contract.
- k) **Abbreviations :-**
 - a. MFS : –Maharashtra Fire Services
 - b. MFSA ; Maharashtra Fire Service Academy
 - c. LA: License Agency
 - d. FFFI : Fixed Fire Fighting Installation
 - e. MCP: Manual Call Point
 - f. CMAC: Comprehensive Annual Maintenance Contract

10. LOCATIONS FOR SUPPLY OF GOODS AND SERVICE

This Tender is being floated by the Director, Maharashtra Fire Services, Government of Maharashtra. The tenders being procured through this tender is for the Maharashtra Fire Service Academy, Kalina, Mumbai-98.

11. ERASURES OR ALTERATIONS AND SIGNING OF TENDER OFFERS

The original and a copy of the Contract / Tender Offer shall be typed or written in ink and shall be signed by the Bidder or a person or persons duly authorized in writing to bind the Bidder to the Contract. Such authorization shall be indicated by power-of-attorney accompanying the Tender Offer. All pages of the Tender Offer, except for un-amended printed literature, shall be initialed by the person or persons signing the Tender Offer. This will be in two different envelopes.

The Tender Offer shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in that case such corrections shall be initialed by the person or persons signing the offer.

12. COMPLETENESS OF TECHNICAL OFFER

Technical details must be completely filled up. Correct technical information of the goods or service being offered must be filled in. Filling up of the Technical Detail Form using terms such as "OK", "accepted", "noted", "as given in brochure / manual" is not acceptable. The authority may treat offers not adhering to these guidelines as unacceptable and shall be liable for rejection.

- 13. ALTERNATIVE OFFERS:** One tender should contain only one product option. Any bidder wishing to offer other alternatives, the same should submit with separate details for that alternative along with all the necessary documentation for each option. Each option should be complete in all respects and should not require cross-referencing with any other option from the same Bidder.

14. COSTS & CURRENCY

The offer must be given in Indian Rupees only, inclusive of the following:

- Cost of the goods and services
- Supply, Installation, Testing & Commissioning charges
- Warranty charges
- Charges for transportation, if any, to the site
- Insurance to cover equipment up to installation / replacement of equipment at the site and properly handing it over.
- On site training.
- Free maintenance, if any
- All taxes such as GST etc.

15. FIXED PRICE

The Commercial Offer shall be on a fixed price basis, inclusive of all taxes and levies. No price variation should be asked relating to increase in customs duty, excise tax, dollar price variation, etc.

Price quotation accompanied by vague and conditional expressions such as "subject to immediate acceptance", "subject to confirmation before order", etc. will be treated as being at variance and shall be liable for rejection.

16. INFORMATION ABOUT BID PROCESS

For the smooth bid process, the information regarding bid process shall be displayed both on website and on the notice board of the Director, Maharashtra Fire Services as and when required. All the prospective bidders are suggested to take cognizance of the same.

17. SUBMISSION OF TENDER OFFERS;-

17.1

PRE- BID MEETING:-

THE PRE-BID MEETING SHALL BE HELD IN THE PRESENCE OF COMMITTEE CONSTITUTED BY DIRECTORATE OF MAHARASHTRA FIRE SERVICE.

17.2

BIDDER SHALL SUBMIT THE TENDERS IN 2 ENVELOP SYSTEM AS FOLLOWS.

ENVELOPE - 0 & 1 = RECEIPT OF TENDER FEES & EMD AMOUNT SHALL BE KEPT IN ENVELOPE - 0 WHICH IN TURN SHALL BE KEPT IN ENVELOPE -1

ENVELOP 1 = TECHNICAL BID WITH ALL NECESSARY DOCUMENTS / CERTIFICATES AS MENTIONED IN TENDER INCLUDING ENVELOPE-0

ENVELOP - 2 = COMMERCIAL BID

Sealed Tender offers shall be submitted to the Director, Maharashtra Fire Services at the address specified above not later than the time and date specified in the invitation for Tender offers. In the event of the specified date for the submission of Tender Offers being declared a holiday, the offers will be received up to the appointed time on the next working day.

The Director, Maharashtra Fire Services may, at his discretion, extend this deadline for submission of offers by amending the Tender Documents. In that case all rights and obligations of the Directorate and Tender previously subject to the deadline will thereafter be subject to the deadline as extended. Telex, cable, electronic mail or facsimile offers will be rejected.

18. PERIOD OF VALIDITY OF BIDS

- i. The Bids shall be valid for a period of "180 Days" from the closing date for submission of the Bid. A Bid valid for a shorter period may be rejected as non responsive. Till completion of the validity period, unless the Bidder withdraws his Bid in writing, it will be deemed to be valid until such time that the Bidder formally (in writing) withdraws his Bid.
- ii. In exceptional circumstances, at its discretion, MFS may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by fax or email).

19. VALIDITY OF TENDER CONTRACT PERIOD

The Tender contract period will be for One year and if required can be extended for 2 years from the date of awarding the Contract.

20. LATE TENDER OFFERS

Any Tender Offer received by the Directorate after the deadline prescribed for submission of the same, pursuant to the clause above, will be rejected without assigning any reason there of.

21. TAXES AND DUTIES

The Offer should be comprehensive enough to include of all applicable and prevailing taxes, Cess duties, levies, surcharges etc, may be indicated with due break up of the same. in the covering letter. The rates quoted by the Bidder shall be deemed to be including all taxes such as GST, Service Charges, Excise duty, Work Contract Tax , Service Tax, duties, levies, surcharges, etc. in force prevailing on the date of opening of Tender. No extra payment will be made on any ground whatsoever.

22. TENDER OPENING

The Tenders shall be opened before the members of committee constituted by the Directorate of Maharashtra. Minimum 3 members shall be present including the Director, MFS. Presence of Committee Member from the Account Dept. is essential. The Bids will be opened in the presence of the Bidders or their representatives in case the Bidders are unable to present. However, it shall be the duty of the Bidder to ensure that either he or his representatives are present at Tender Opening and in no case shall MFS or the Committee be liable to cancel or postpone the Tender Opening if any or all Bidders are absent (either themselves or their representatives) at the venue of Tender Opening at prescribed time. The Director, Maharashtra Fire Services, Maharashtra will open the Technical Bids and list them for further evaluation. The Commercial Bid covers shall be listed and shall not be opened until the evaluation of the 'Technical Bid' is over. The Commercial Bids of only those Bidders who have successfully completed qualifying criteria in Technical Evaluation will be opened.

Director, Maharashtra Fire Services, reserves the right at any time to postpone or cancel a scheduled Tender Opening.

23. MODIFICATION AND WITHDRAWAL OF OFFERS

The Bidder may modify or withdraw his offer after its submission, provided that written notice of the modification or withdrawal is received by the Director, MFS prior to the closing date of the Bids and time prescribed for submission of offers. No offer can be modified, subsequent to the closing date and time for submission of offers.

24. PRELIMINARY SCRUTINY

Prior to the detailed evaluation, the Directorate will determine the substantial responsiveness of each offer to the Tender Documents. For purpose of this Clause, a substantially responsive bid is one which is in conformity with all the terms and conditions of the Tender Documents without any material deviations. The Directorate determination of an offer's responsiveness will be based on the contents of the Tender Offer itself without recourse to extrinsic evidence.

The office of the Director, MFS office will scrutinize the offers in respect of their completeness, submission of technical documents duly signed, etc. Only qualified Tenders will be considered for further process.

The Director, MFS, reserves the right to waive any minor infirmity or irregularity in a Tender Offer, if he finds that, it is in the interest of the Government. The decision in this regards of the Director will be final and binding on all the Bidders.

25. CLARIFICATION OF OFFERS

To assist in the scrutiny, evaluation and comparison of offers, the Directorate may, at its discretion, ask some or all Bidders for technical clarification of their respective Offers. The request for such clarifications and the response shall be in writing. To speed up the Tender process, the Directorate, at its discretion, may ask for any technical clarification to be submitted by means of facsimile or e-mail by the Bidder. In such cases, original copy of the document describing the technical clarifications must reach the Directorate by means of courier / in person within seven days of the receipt of facsimile or e-mail.

26. COMPLETION PERIOD: - (60 Days). :- Installation of any Parts / Equipment's / Testing of all the system has to be completed within 60 Days from the date of order. Thereafter, Inspection of the system shall be carried out as per the relevant Indian Standard or as and when there is trouble in the system and as per call given by the officer of the Directorate of Maharashtra Fire Service.

27. COMPENSATION FOR DELAY

The contractor should intimate about the completion schedule of the work to Directorate, through email, telex/fax, telephone and or any other mode of communication.

In case bidder fails to meet the above completion schedule / period, compensation for delay in completion of contract agreement will be recovered at the rate of Rs.2000/-per day, up to a period of first 15 days of delay, if the delay is more than 15 days it shall be Rs. 3000/- per day. Similarly, whenever the call is given for any maintenance / upkeepment, it shall be resolved within 07 working days, failing which penalty is mentioned in "Scope of Work Specification" above shall be levied. The call regarding maintenance / upkeepment shall be given through email, telex/fax, telephone and or any other mode of communication.

28. PRE QUALIFICATION CUM TECHNICAL EVALUATION PARAMETERS

A. For Hydrant:

Criteria	Particulars	Equivalent Marks
1	License Criteria	10 Mks
1.1	Class of License	
	Continuous Class A License for last 5 Years	10
	Continuous Class A License for last 3 Years	05
	Continuous Class A License for less than 3 Years	02
2	Registered Office	05 Mks
	In Maharashtra	05
	Out of Maharashtra	00
3	Performance Criteria	15 Mks
3.1	Minimum 07 work Order each value not less than 08 Lac in last 07 years	15
	Minimum 05 work Order each value not less than 08 Lac in last 07 years	10
	Minimum 03 work Order each value not less than 08 Lac in last 07 years	05
3.2	Minimum 05 work Order each value not less than 20 Lac in last 07 years	15
	Minimum 03 work Order each value not less than 20 Lac in last 07 years	10
	Minimum 02 work Order each value not less than 20 Lac in last 07 years	05

3.3	Minimum 03 work Order each value not less than 45 Lac in last 07 years	15
	Minimum 02 work Order each value not less than 45 Lac in last 07 years	10
	Minimum 01 work Order each value not less than 45 Lac in last 07 years	05
4.0	Financial Criteria	20 Mks
	Turn over not less than 3.00 Cr in last 05 years	20
	Turn over not less than 3.00 Cr in last 03 years	10
	Average Turn over not less than 3.00 Cr in last 03 years	05
	TOTAL MARKS	50

B. For Detection:

Criteria	Particulars	Equivalent Marks
1	License Criteria	10 Mks
1.1	Class of License	
	Continuous Class A License for last 5 Years	10
	Continuous Class A License for last 3 Years	05
	Continuous Class A License for less than 3 Years	02
2	Registered Office	05 Mks
	In Maharashtra	05
	Out of Maharashtra	00
3	Performance Criteria	15 Mks
3.1	Minimum 07 work Order each value not less than 02 Lac in last 07 years	15
	Minimum 05 work Order each value not less than 02 Lac in last 07 years	10
	Minimum 03 work Order each value not less than 02 Lac in last 07 years	05
3.2	Minimum 05 work Order each value not less than 04 Lac in last 07 years	15
	Minimum 03 work Order each value not less than 04 Lac in last 07 years	10
	Minimum 02 work Order each value not less than 04 Lac in last 07 years	05
3.3	Minimum 03 work Order each value not less than 05 Lac in last 07 years	15
	Minimum 02 work Order each value not less than 05 Lac in last 07 years	10
	Minimum 01 work Order each value not less than 05 Lac in last 07 years	05

4.0	Financial Criteria	20 Mks
	Turn over not less than 1.00 Cr in last 05 years	20
	Turn over not less than 1.00 Cr in last 03 years	10
	Average Turn over not less than 1.00 Cr in last 03 years	05
	TOTAL MARKS	50

29. SHORTLISTING OF BIDDERS

The commercial offers of only such Bidders will be opened who have met the prequalification criteria and **have scored more than 35 marks** in technical evaluation for Hydrant and Detection System individually.

30. PRICE COMPARISONS

The Directorate will evaluate Commercial Offers of only short listed technically qualified Bidders. After opening Commercial Offers of the short-listed Bidders, if there is any discrepancy exists between words and figures, the amount indicated in words will be considered.

31. AWARD CRITERIA

- i) Rate Contract, will be awarded to the Bidder who's Commercial Offer has been determined to be the lowest evaluated offer. The contract shall be awarded to one agency having the lowest offer for each individual system Work has to be completed within the stipulated period as mentioned in Clause No. 26
- ii) However, it is the discretion of the Directorate to choose bidder to award the work order.
- iii) The additional item that will be included in the tender as decided in the pre-bid meeting shall be the lowest of all the participant bid and all such additional cost due to replacement of the parts / equipment / device etc shall be added as separate annexure to the tender in commercial tender for easy comparison.
- iv) The lowest rates will be the rate accepted under this contract and it will be obligatory upon the bidder to make the supply at this rate. On refusal of the supply, the agreement / contract will be cancelled, Security Deposited shall be forfeited and the agency shall be blacklisted and an appropriate action deemed fit by the authority shall be initiated.

32. PAYMENT:

As the said is the maintenance contract, the payment to the License Agency shall be done in four equal parts i.e quarterly payment shall be done. The License agency is to rectify the fire fighting system within 60 days from the award of the contract and thus 1st instalment of payment shall be done after one month i.e after 90 days of the award of the contract and thereafter each instalment quarterly

33. RIGHT TO ALTER ITEMS

The Directorate reserves the right to delete tendered items, and also reserves the right to make change in specifications of any items subject to approval of the Director, Maharashtra Fire Services.

34. DEVIATIONS FROM SPECIFICATIONS

If any deviations from the above specifications are desired, the Bidder shall clearly state all such deviations in his Bid while submitting his Offer. Due consideration will be given to any special offered by the Bidder which is calculated to enhance the general maintenance of the fire fighting system of the Fire Academy.

35. MAKES OF MATERIAL AND CERTIFICATES

The material / items / parts wherever used shall be in accordance to relevant Bureau of Indian Standards (BIS). If any imported items are used then it shall be in accordance to NFPA / EN Standards / CE approved as and wherever applicable. Should submit necessary certificates in this regards.

36. DIRECTORATE'S RIGHT OF DECISION

The Directorate reserves the right to accept or reject any Tender Offer, and to annul the tendering process and reject all Tenders at any time prior to award of Contract, without thereby incurring any liability towards the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for the Directorate's action.

37. NO COMMITMENT TO ACCEPT LOWEST OR ANY TENDER

The Directorate shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers, including those received late, or incomplete, without assigning any reason thereof. The Directorate reserves the right to make any changes in the terms and conditions. The Directorate will not be obliged to meet and have discussions with any Bidder, and / or to give a hearing on their representations.

38. CORRUPT OR FRAUDULENT PRACTICES

The Directorate requires that the Bidders under this tender observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Directorate defines the terms set forth as follows:

- i) "Corrupt Practice" means (i) the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Directorate who is or has been associated in any manner, directly or indirectly with the Bidding Process or the **LOI** or has dealt with matters concerning the Contract or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Directorate, shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or (ii) engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the **LOI** or after the execution of the Contract, as the case may be, any person in respect of any matter relating to the Bidding Process or the **LOA** or the Contract, who at any time has been or is a legal, financial or technical adviser of the Directorate in relation to any matter concerning the Bidding Process or the goods and services attached thereto.
- ii) "Fraudulent Practice" means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;
- iii) "Coercive Practice" means impairing or harming or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Bidding Process;
- iv) "Undesirable Practice" means (i) establishing contact with any person connected with or employed by the Directorate with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and

- v) "Restrictive Practice" means forming a cartel or arriving at any understanding or arrangement among the Bidders with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

If any document favouring any Bidder is seen in the concerned file which had not been submitted officially and following the procedure, it shall be treated as an evidence enough to conclude that both of the concerned Bidder and the concerned public official have indulged in to a Corrupt Practice and fraudulence and necessary action shall be initiated by the Directorate against both of them.

In the event of Corrupt Practice, a Fraudulent Practice, a Restrictive Practice, an Undesirable Practice and/or a Coercive Practice by one or all of the Bidders, in addition to penal action as per the terms and conditions of the Contract, appropriate legal action shall be initiated against the concerned Bidders by the Directorate.

The Directorate will reject a proposal for award if it is prima-facie established that the Bidder recommended for award has engaged in a Corrupt Practice, a Fraudulent Practice, a Restrictive Practice, an Undesirable Practice and/or a Coercive Practice in competing for the Contract in question.

The Directorate will declare a Bidder ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if at any time it is found that the Bidder has engaged in Corrupt Practice, a Fraudulent Practice, a Restrictive Practice, an Undesirable Practice and/or a Coercive Practice in competing for, or in executing a contract.

39. SIGNING OF CONTRACT

The successful Bidder shall sign the agreement (DRAFT CONTRACT FORM) within fifteen days from the date of the issue of the Letter of Intent. Including Sundays and Public Holidays. Director, Maharashtra Fire Services reserves the right to grant an extension of another seven days on satisfaction of the circumstances and reasons given thereof. On failure of execution of the Contract by the successful Bidder, E.M.D. furnished by him shall be forfeited and such bidder is by default eliminated from further process. This shall lead to a liberty for Directorate to consider other bidders provided that those agree to match pricing at par with L1 and agree to carry out the work and render the service as per terms and conditions of RC. lowest price.

ANNEXURE – A
SCOPE OF WORK FOR FIRE AND SAFETY SYSTEM

1. Scope of Work : Comprehensive Annual Maintenance (CMAC) of Existing Fire Hydrant, Sprinklers, Fire Detection & Fire Alarm System, Fire Pumps, Gas Flooding System, PA System & Fire Extinguishers in the Maharashtra Fire Service Academy including issue of Form B for Directorate of Maharashtra Fire Service, Santacruz East, Mumbai, Maharashtra 400098

2. Description of Work :

- a. Comprehensive Annual Maintenance for the existing Fire and Safety System.
- b. Periodical Testing including Hydraulic Testing wherever / whatever item as applicable.
- c. On-call visits in case of fault / false alarms.
- d. Checking & Testing of Power supplies.
- e. Service report to be submitted for all visits.
- f. Submission of B-Form twice a year in the month of January and July every year as per the Fire Act.

3. Existing System:

- FIRE DETECTION AND ALARM SYSTEM
- PUBLIC ADDRESS SYSTEM
- FIRE HYDRANT & SPRINKLRS SYSTEM INCL PUMPS
- GAS FLOODING SYSTEM
- FIRE PUMPS SYSTEM
- FIRE EXTINGUSHRS SYSTEM

4. Various Services to be Carried Out:

- A. **GENERAL:** Perform the following tests on equipment's:
- Examine all electrical connections to every device to ensure supervisory circuits, wherever provided is function as intended.
 - Ensure all conductors are terminated in prescribed manner.
 - Check any tampering or damage to any device & necessary rectification to be carried out.
 - Ensure circuit polarity requirements have been met.
 - Ensure equipment is calibrated at frequent intervals as per site conditions.
 - Ensure all manual alarm station are operated & checked.
 - Activate & check every automatic device.
 - Check installation of every device to ensure no architectural, mechanical or environmental features can prevent any device from responding to a fire condition.
 - Ensure devices are located at prescribed locations.

- Check if all the devices are accessible for maintenance.
- Paint the equipment / parts / items wherever necessary.
- Ensure all the labels in words and pictorial is present wherever required.
- To carry out Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly inspection and testing required for maintenance of all the equipment / device shall be carried out as per the relevant Indian Standards.

B. ON SITE SERVICES

- Check for Pressure in the Sprinkler pipe & Rectification of leakages, (if any)
- Check of sprinkler to monitor any wear and tear
- Servicing of all valves
- Check & clean all Smoke detectors below & above the false ceiling.
- Check the Manual Call points & Fire Alarm hooter of individual system.
- Checking the Fire Alarm panel and repeater panel.
- Checking the Hooters for activation.
- Checking the cabling continuity / short circuits.
- Rectifying / repairing any problems that may be present in any of the above.

C. HYADRANT & SPRINKLER SYSTEM INCL PUMPS

- Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly inspection and testing required for maintenance of Hydrant, Sprinkler System including Pumps (both all pumps in the pump room and terrace pump shall be carried out as per the relevant Indian Standards.
- Check for Pressure in the Hydrant & Sprinkler piping
- Check for Hydrant Valve, Pressure gauge, Butterfly Valves, Drain Valves.
- Check Flow switch to ensure is in active mode.
- Rectification of leakages, if any
- Replacement of Hydrant Valve , Hose Reel Hose , Sprinkler Bulb and Flow switch (if required).
- Greasing of all valves
- On call Emergency Visit,
- Submit Service Reports after every visit.

D. FIRE ALARM SYSTEM (INCL DETECTION AND GAS FLOODING SYSTEM)

- Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly inspection and testing required for maintenance of Detection and Alarm System shall be carried out as per the relevant Indian Standards
- Check & clean all Smoke detectors below & above the false ceiling.
- Check the Manual Call points & Fire Alarm hooter of individual system.
- Apply Smoke/Aerosol to random Detectors & Check output of the same in panel, shall display proper location for easy identification.

- Activation of Speaker circuits as programmed, evacuation message/alert message/emergency message.
- During UPS power interruption, FAS panel should work on battery supply.
- Checking the Fire Alarm panel and Battery.
- Checking the Hooters for activation.
- Checking the cabling continuity / short circuits & rectify the same.
- Replacement of Detectors, MCP modules, Hooters and Batteries if found faulty.
- Submit Service Reports after every visit

PUBLIC ADDRESS SYSTEM

- Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly inspection and testing required for maintenance of Public Address System shall be carried out as per the relevant Indian Standards
- Checking the cabling continuity / short circuits & rectify the same
- Check & rectify any fault in Amplifier & Microphone.
- Check if speakers overrides by voice messages in case of Emergency Evacuation.
- Check if recorder messages are CLEAR; free from any noise distortion & easy to understand.
- Zone Call station activations for All Call & every Zone to be checked.
- Checking & Servicing of Speakers for its operation & sound quality.
- Preparation of Service Report & duly signed by authorized Person
- Replacement of Alarm system (if damaged).
- Submit Service Reports after every visit

ADDITIONAL ON CALL SUPPORT SERVICES

ON CALL TECHNICAL SUPPORT:

- a) Support for on call Technical Queries with regards to FAS, PA & Sprinkler system.
- b) On call support for fault finding & also rectification for the same.
- c) Training on all the above Systems.

On-Ground training for Fire Academy, Vendor Technical staff shall impart training for following system for fault finding / rectification & also on system awareness:

- FIRE DETECTION AND ALARM SYSTEM
- PUBLIC ADDRESS SYSTEM
- FIRE HYDRANT & SPRINKLERS SYSTEM INCL PUMPS
- GAS FLOODING SYSTEM
- FIRE PUMPS SYSTEM
- FIRE EXTINGUISHERS SYSTEM

Service level and Additional Terms and Conditions:

1. The AMC will be **Comprehensive** type. It will include only repairing of devices in case if the device is beyond repair, the replacement will be carried out free of charge. **All parts of the above mentioned systems other than hydrant piping are included in the AMC contract & will be replaced free of cost.**
2. The quoted rate shall be inclusive of expenses towards the travel, lodging, and boarding of service representatives and all break down call/emergency call charges. No extra payment over and above the rate quoted shall be made to the contractor in this respect. **"Any emergency problem will be attended to within 2 hours and should be resolved within 24 hours, no limitation for attending the number of breakdown calls.**
4. FORM "B" will be issued on 6 months basis stating the healthiness of the system in accordance to Section 3 (3) of the Fire Act and Fire Rules.
5. Only trained and skilled staff/Engineer shall attend the facilities. An Engineer shall make at Monthly / Quarterly visits to supervise / check the operations of FAS, PA, GAS, Hydrant, Sprinkler, Fire Extinguishers & Fire Pumps system as well as rectification of problems if needed.
6. During every visit, License Agency should submit detail service reports to the Directorate.
7. Contractor is responsible for the safety of his personnel. Contractor and his service Personnel shall follow all safety measures and precautions during the contract period.
8. The contractor is required to carry out works as per above Schedule of Work. No additional payment for the same shall be made as it is deemed to be included in the quoted cost.
9. On expiry of contract, the All the systems under scope of work should be handed over to Directorate by the contractor in good working condition.
10. During break down, if required more skilled / un-skilled workers may be deployed by the contractor to complete the work without much interruption of systems.
11. FAS system troubles, PA system repair, Gas system integration with Control Room to be done as an when required. Faulty materials should be replaced in by Agency within 72 hours.
12. The contractors shall be responsible for the safety of all the items of furniture, plants, office equipment and other fittings provided in the premises and shall be liable to make good any loss to the same if damaged during the execution of their duties which shall be recoverable from their monthly bill or other dues payable to the contractors by the company.

Supplier Personnel:

Background Screening: Prior to assigning any License Agency's personnel to perform any maintenance Services, agency will confirm the Organization's screening process with respect to background checks of agency personnel in accordance with Organizations then applicable policies regarding the same.

Responsibility of Supplier Personnel: License Agency will make vendor personnel aware of, and cause them to comply with Organization safety and Security policies while they are performing services at sites. Vendor is solely responsible for the acts and omission of Vendor personnel.

Service Level Agreement:

Sr. No	Complaints/ Problem Description	Severity Level	Stages of resolution time with or without liquidated damages			
			1 st	2 nd	3 rd	4 th
			2 hours	8 hours	24 hours	3 Months
1	FAS Panel not working / resetting	Priority 1	Yes			
2	FAS Panel having troubles	Priority 1	Yes			
3	Detectors / Hooters/ Speaker / WLD/ Rodent Repellant not working	Priority 2		Yes		
4	Any Detector / Sensor / device /battery failure	Priority 3			Yes	
5	Annual preventive maintenance	Priority 4				Yes

Repair Type	Avg. Response Time	Avg. Resolution Time
Minor Repairs	2 Hours	4 hours
Major Repairs	2 Hours	4 - 72 hours based on nature of failure
Emergency Calls	2 Hours	4 - 24 hours based on nature of failure

Penalties :

In the event of delay in response / resolution time, penalty shall be levied to the Supplier as mentioned below;

- More than 4hrs delay every 1hr : 2% of the AMC value, per instance (up to 6 hrs.)
- More than 8hrs delay every 1hr : 3% of the AMC value, per instance (up to 10 hrs)
- More than 10hrs delay every 1hr : 5% of the AMC value, per instance (up to 16 hrs)
- More than 16hrs delay every 1hr : 10% of the AMC, per instance.

For Installation at Directorate of Maharashtra Fire Service, Santacruz East, Mumbai, Maharashtra 400098, Mumbai

Escalation matrix to be provided by License yAgenc in below template & whenever any changes in the same, new escalation matrix to be shared with Directorate

Support Level	Name	Designation	Contact Details	Email Id

Equipment Details

SR. NO.	EQUIPMENT	QTY
I.	<u>ADDRESSABLE FIRE ALARM SYSTEM</u>	
1	Main Fire Panel	01 Nos -
2	Repeater Panel	01 Nos.
3	Smoke Detector	357 Nos.
4	Heat Detector	16 Nos.
5	Multi sensor Detector	25 Nos.
6	Manual Call Point	30 Nos.
7	Response Indicator	108 Nos.
8	Conventional Sounders with Strobe	30 Nos.
9	Monitor module	06 Nos.
10	Control Module	04 Nos.
11	Fault Isolator Module	09 Nos.
II.	<u>PUBLIC ADDRESS SYSTEM</u>	
1	6 Watt Output Metal Speaker	78 Nos.
2	8 Zone Call Station	1 No.
3	8 Zone Network Controller	1 No.

4	Amplifier	1 No.
III	<u>GAS SYSTEM</u>	
1	Gas Cylinder	01 Nos
2	MCP & HOOTER	2 Nos
3	Sensor Interface Module	4 Nos.
4	Sounders cum Strobe	-
IV	<u>FIRE HYDRANT SYSTEM</u>	
1	Double Hydrant Valve	21 No.
2	Fire Hydrant valve, Single Outlet type Outside	06 Nos.
3	Hose Reel Hose Drum	21 Nos.
4	RRL Hose 15 Mtr Long	54 Nos
5	Brach Pipe	27 Nos
V	<u>SPRINKLER SYSTEM</u>	
1	Pendent Sprinkler	251 Nos.
2	Concealed Sprinkler	04 Nos.
3	Upright Sprinkler	162 Nos.
4	150MM Alarm Valve	01 Nos
5	Flexible drop - 1500 mm long	395 Nos.
6	Butterfly Valve - 150 NB	10 Nos.
7	Flow Switch - 150 NB	08 Nos.
8	Pressure Gauge - 100 MM	04 Nos.
9	Test & Drain Valve - 50 NB	08 Nos.
10	Ball Valve - 25 NB	16 No.
11	Non Return Valve - 80 NB	08 Nos.
VI	<u>EMERGENCY EXIT SIGNAGE SYSTEM</u>	
1	Emergency Exit Signage System – Pro-lite make	24 Nos.

VII	<u>FIRE EXTINGUISHER</u>	
1	CO2 type Fire Extinguisher 4.5 Kgs. Capacity,	03 Nos.
2	Clean agent Fire Extinguisher 2 Kgs	43 Nos.
3	Mechanical Foam Stored Pressure Type 9 Litre's	01 Nos
4	ABC Stored Pressure type Fire Extinguisher 6 Kgs.	05 Nos.
5	Clean agent Fire Extinguisher 4 Kgs	04 Nos.
	(actuals to be confirmed)	

VIII. Details of Pump in Pump Room

Hydrant Pump : 01

Frame : KI-250M-75c43~Ind Motor
 Sr. No:- A1 MCDJ, 0032 rpm, % EFF (FL)-94.5
 KW (HP) : 55.0 (75) A92.0 PF:09
 BRG.DE/NDE: 6314ZZ conn. Delta INS.CL.F 415V+/-10% 50Hz=/-5%
 IP-55 AMB 50c IS:325

Sprinkler Pump: 01

Frame: <I-250M-75C2 3~Ind Motor
 Sr. No: A1MLHJ0016, 2975 rpm. % EFF.(FL) 93.5
 KW (HP): 55.0 (75)A 92.0 PF0.91
 BRG.DE/NDE : 6314/6314 Conn. Delta INS.CL.F 415VI 10% 50HzI 5% IP-
 % Duty S1 AMB 50c IS 325

Fire Jockey Pump :- 02 Nos

Diesel Engine Fire Pump Controller :- 01

EFP/12/230/FD4e/E1dU3
 Encloser Protection : NEMA Type2
 Sr.No. :30200-01
 AC Supply :230-1-50
 Float Volts :13.7V
 Water :300 PSI Max./ Minimum AMBIENT 40c

Battery Sr. No. of Diesel Engine in Pump Room

Battery No.1 :4F2 404468
Battery No.2 :4E2 423468

Battery Sr. No .of Diesel Gen set.

Battery No.1 :5A0408713
Battery No.2 :5A0408829

Kirloskar Koel Power Engine. :- 01(UL/FM)

Gen Set Model : KG 200 WS.B
Rating : 200 KVA
MFG Date/Sr. No. : 2110-1331
Noise Limit : </- 75 db (A) at 1 Mtr.
Certificate No. : KG200WS/2012/1929

Engine Type : 6sL 1500TA SR2
Rating KW/HP : 184/250 rpm.-1500
Rating STD : ISO-3046
Date of Mfg. : FEB-2010
Sr.No. : F6.3614/100046
Type Approval Certificate No- F20/2006-28 (G)

M/C No. FS3M110 B 96563
Frame KG 254 M1
KVA 200 Duty-S1
KW 160 Insul Class -H
Vatts 415 Power Factor -
AMPS 248.2 Direction DE CW
RPM 1500 AMBT C-40
H2 50 ACTD 1000m
Encl IP 23 AMPS 3.9 Volts 50
Sae/Disc 1/14" Bearings NDS 63/222
IS 13364/47222 PH-SEQ-UVW-VW Phase -Three-Conn-Star

Scope of Work for Fire Alarm System

Following checks and tests is done at the time of Schedule Maintenance:-.

- ☐ Physical Check and Test of Fire Alarm System.
- ☐ Clearing of all the Faults & Fire Indication of the Fire Alarm System.
- ☐ Cleaning & Testing of Fire Panel.
- ☐ Testing of Power Supply, Charger.
- ☐ Testing of Batteries with and without Load.
- ☐ Cleaning of Detectors.
- ☐ Testing of at least one Detector in each Zone.
- ☐ Testing of Response Indicators
- ☐ Testing of Manual Call Points.
- ☐ Testing of Sounders / Flashers.
- ☐ Testing of Pressure / Flow Switches connected on the Fire Panel.
- ☐ Testing of Modules.
- ☐ Replacing of all Faulty Materials.
- ☐ System is kept in Good Working Conditions.

Scope of Work for Hydrant & Sprinkler System.

Following checks and tests is done at the time of Schedule Maintenance:-.

- ☐ Physical Checks of the Full System.
- ☐ Testing of all the Pumps in Auto & Manual Mode.
- ☐ Checking and Rectifying of Leakages in the system.
- ☐ Testing of Deluge Valves & all its Fittings.
- ☐ Testing of random Landing Valves.
- ☐ Checking Of Pipes & Fittings, Supports etc.
- ☐ Checking and Testing of Pressure Switches & Pressure Gauges.

- ☐ Checking and Testing of Flow switches.
- ☐ Checking and Testing of Hose Boxes, Hose Pipes ,Nozzles etc
- ☐ Checking and Testing of Sprinkler System, Alarm Valve, and Gong Bell etc.
- ☐ Replacing of all Faulty Materials..
- ☐ Over Hauling of All pumps
- ☐ Checking and Testing of Main Electrical Control Panels.
- ☐ System is kept in Good Working Conditions

Scope of Work for Sprinkler System.

Following checks and tests is done at the time of Schedule Maintenance:-.

- ☐ Physical Checks of the Full System.
- ☐ Testing of all the Pumps in Auto & Manual Mode.
- ☐ Checking and Rectifying of Leakages in the system.
- ☐ Checking Of Pipes & Fittings, Supports etc.
- ☐ Checking and Testing of Pressure Switches & Pressure Gauges.
- ☐ Checking and Testing of Flow switches.
- ☐ Checking and Testing of Sprinkler System, Alarm Valve, and Gong Bell etc.
- ☐ Replacing of all Faulty Materials..
- ☐ Over Hauling of All pumps
- ☐ Checking and Testing of Main Electrical Control Panels.
- ☐ System is kept in Good Working Conditions.

Annexure B – TENDER OFFER FORM (TOF)

Tender Reference No.: _____
Date: _____ 2021

To:
The Director,
MFS, Kalina
Mumbai

Sir,

Having examined the tender documents including all annexures the receipt of which is hereby duly acknowledged, we, the undersigned, offer to carry out **“Comprehensive Annual Maintenance Contract of the Existing Fire Fighting System”** in the Maharashtra Fire Service Academy, Kalina, Mumbai in conformity with the said tender documents.

We undertake, if our tender offer is accepted, we will carry out the maintenance of fire fighting system in 60 days and ensure that it is in good condition through out the contract period and perform incidental and supervisory services as specified in the Contract during the contract period calculated from the date of receipt of your Notification of Award / Letter of Intent.

If our tender offer is accepted we will obtain the guarantee of bank for a sum of Rs. 3,00,000 (Rupees Three Lakhs only) for the due performance of the Contract. We agree to abide by this tender offer till one year and if extended, then for another one year and shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender offer, together with your written acceptance thereof and your notification of award shall constitute a binding contract between us on terms and conditions as mentioned under the Tender Document.

We understand that you are not bound to accept the lowest or any offer you may receive.

Dated this ____ day of _____ 2021

Signature: _____

(In the Capacity of:) _____

Duly authorized to sign the tender offer for and on behalf of _____