



(Premises & Estate Deptt.)
SBI LHO, KOTI, HYDERABAD-500001

NIT- NO HYD/2024-25/017

DATED: **1 MAY, 2024**

NOTICE FOR EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF SERVICE PROVIDERS DEALING IN SUPPLY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF AUTOMATIC FIRE DETECTION & ALARM SYSTEM (AFD&AS) AT BANK BRANCHES/ OFFICES LOCATED IN THE STATE OF TELANGANA

**TO BE SUBMITTED
ON OR BEFORE UP TO 1500 HRS ON **21 MAY, 2024****

ADDRESS FOR COMMUNICATION

**Asst General Manager (P&E),
State Bank of India,
Premises & Estate Department, Local Head Office,
Hyderabad, 500001**

Tel Ph:-(040)-2346100

E mail- agmpremises.lhohyd@sbi.co.in

State Bank of India, Local Head Office, Hyderabad, intends to prepare a panel of reputed, reliable & eligible Service Providers dealing in supply, installation, commissioning and maintenance of Automatic Fire Detection & Alarm System (AFD&AS) Including maintenance of existing AFD&ASs for its Branches/ Offices/ Cells located at rural, Semi rural and Urban areas in the State of Telangana. Interested parties may apply in the prescribed Application **Form-1 & Form-2**. Full details and format for submission of application forms can be down-loaded from our website: www.sbi.co.in under **Procurement News**. **The vendors who are already there in the Bank's panel of also should submit application for the empanelment afresh.** Duly completed applications in the prescribed format with required documents etc. should be submitted on or before due date **21 MAY 2024**.

The Bank may reject any or all application/ incomplete applications, even though the firms primarily satisfy the eligibility criteria. The Bank reserves the right to cancel the tendering process without giving any reasons at any stage. The eligibility criteria, terms and conditions, application format and other details/requirements are as under:

A. GENERAL:

1.	Name of the work	Supply, Installation, Testing, Commissioning, Repair & Maintenance (including maintenance of existing AFD&ASs) of Automatic Fire Detection & Alarm System at the branches / offices of State Bank of India located in Rural, Semi-Urban and Urban Areas of the State of Telanagana
2.	EOI application/ document.	EOI document may be downloaded from the banks web site www.sbi.co.in under link of “ PROCUREMENT NEWS ” or can be collected in person from the above address without any cost on all working days between 11.00hrsto16.00 hrs.
3.	Tender Participation fees	Nil
4.	Time and last date of Submission of Application	on or before 21 MAY ,2024 upto1500hrs
5.	Place & Address for submission of application / contact person / telephone no.	Asst General Manager (P&E), State Bank of India, Premises & Estate Department, Local Head Office, Bank Street, Koti, Hyderabad-500001 Tel Ph:-(040)-23466100.
6.	Date, Time and Place of opening of tender	21 MAY , 2024 by 1600 hrs , in the office of Asst. General Manager (P & E), State Bank of India, Premises & Estate Department, Local Head Office, Koti, Hyderabad <u>Note:-In case the date of opening of tender is declared as a holiday,the tenders will be opened on the next Working day at thesame time.</u>
7.	Date of opening of Price bids	Only technically qualified bidders will be communicated by the email for participation in price bid and accordingly date of opening of the bid shall be intimated.
8.	Security Deposit	Technically Qualified bidder has to submit a security deposit Rs.50,000/-, in the form of Demand Draft/ banker cheque, infavor of State Bank of India, LHO, Hyderabad.
9.	Terms of payment of Bills	After the completion of the work and No advance Payment will be made by the Bank.
10.	Taxes	Taxes as applicable would be paid extra.

11.	Electronic Payment	Electronic payment shall be preferred.
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INSTRUCTIONSTO THEAPPLICANTS FOR EMPANELMENT

- 1) Intending applicants are required to submit their applications with full bio-data giving details about their organization, experience, technical personnel in their organization, competence and adequate evidence of their financial standing etc. in the enclosed form which will be kept confidential.
- 2) While deciding upon the empanelment of Firms/Organizations, great emphasis will be laid on the ability and competence of applicants to do good quality works within the specified time schedule and in close co-ordination with Bank as well as other related agencies.
- 3) Decision of the Bank in regard to selection of Firms / Organizations will be final. The Bank is not bound to assign any reason for acceptance / rejection of any applications.
- 4) Each page of the application will be signed and stamped. The application shall be signed by persons/ persons on behalf of the organization having necessary authorization/ Power of Attorney to do so (Certified copies to be enclosed).
- 5) If the space in the Performa is insufficient for furnishing full details, such information may be supplemented on separate sheets of paper, stating therein the part of the Performa and serial number. **Separate sheets shall be used for each part. However, the format shall be strictly as per Performa.**
- 6) Applications containing false, incomplete and/or inadequate information are liable to be rejected. Also mere fulfillment of eligibility criteria does not guarantee selection.
- 7) While filling up the application, clarification, if any, may be obtained from the office of AGM (P&E), State Bank of India, Local Head Office, Hyderabad.
- 8) **Applicants selected in the Bank's panel shall have to deposit a non-interest bearing amount as 'Security Deposit' as decided by the Bank.** Applicants selected in the Bank's panel will be informed about the same after finalization of the panel.
- 9) Canvassing in any form in connection with selection is strictly prohibited and the application of such persons / organizations will be liable to rejection.

- 10) **The vendors who are already there in the Bank's panel of also should submit application for the empanelment afresh. If the existing vendor does not have satisfactory services provided in the Bank they may not be considered for further empanelment.**
- 11) Bank reserves its right to reject any / all the applications without assigning any reasons, whatsoever therefore. Incomplete /partly filled applications without relevant enclosures may not be considered for evaluation and would be rejected.
- 12) Disputes, if any, regarding the empanelment shall be within the jurisdiction of Court in Hyderabad.
- 13) It will not be binding on the Bank to invite all the empanelled firms / vendors to participate in various works. The Bank may prepare a select list out of the empanelled firms/vendors to participate in a/any work.
- 14) Bank is not responsible for the late receipt/ non receipt due to postal delay, strikes or any other reasons. The applications received on the given date and time will only be taken up for further evaluation.
- 15) The empanelment shall be valid for an initial period of **Three Year** from the date of intimation letter. The validity of empanelment may further extend as deemed necessary by the Bank on the existing terms and conditions subject to review every year, based on satisfactory performance of the firms.
- 16) Bank will reserve the right to cancel the empanelment by giving a notice of one month without assigning any reason.
- 17) **The agencies / firms / manufacturers shall not use logo and name of the State Bank of India on their letter head, sign board and rubber stamp etc.**
- 18) Bank reserves the right to purchase the equipment's/ systems through **GeM portal** of Govt. of India and provide the same to the firm/ vendor for installation and commissioning in the required branch. However, cost of any material / component provided by the firm for installation and commissioning of the system/ equipment would be paid as per approved / prevalent market rates, including installation charges.

B. ELIGIBILITY CRITERIA:

1. Financials:

- a) **The Manufacturer/ Firm/ Company/ Dealer/ Vendor should have an average turnover of **Rs 40 Lakhs** and above during last 03 Financial Years ending 31 March 2023. The Manufacturer/ Firm/ Company/ Dealer/Vendor should be in the same field of business of installation**

and maintenance of *Automatic Fire Detection and Alarm System (AFD&AS)* and should also be presently in same business. (***Attested photocopies of the ITRs and Audited Balance Sheets of last three years should be provided***).

b) The company should be in **profit during the last 03 consecutive years**.

2. **Work Experience:**

a) The Manufacturer / Firm / Company / Dealer / Vendor should have minimum **07-Years experience** in supply, installation, testing, commissioning, maintenance and repair of *Automatic Fire Detection And Alarm System*.

b) The Manufacturer / Firm / Company / Dealer / Vendor should be in the field of supply, installation, testing, commissioning, maintenance and repair of *Automatic Fire Detection And Alarm System related business with **Public Sector Undertaking / Organization / State / Central Govt., Corporate for a minimum period of 05 years***.

c) The Manufacturer / Firm/ Company/ Dealer/ Vendor should have carried out minimum **250 installations works of Automatic Fire Detection and Alarm System** in last 5 years, out of which **50 installations** should be in **Branches / Offices of PSU Banks** and the total value worth should be **Rs. 89 Lakhs and above**. *The installations should have consisted of minimum of 10 Detectors or more*.

d) The Manufacturer / Firm/ Company/ Dealer/ Vendor and should have carried out **500 AMC works of Automatic Fire Detection and Alarm System** in last 5 years, out of which **100 AMC** should be in **Branches / Offices of PSU Banks**.

e) **Documentary proof should be provided in support of experience like order copy /contract copy and installation certificate/satisfaction completion certificate from client**.

3. **Registration Requirements:**

a) Registration certificate under **TELANGANA Shops & Commercial Establishment Act** is **mandatory**. **Firm/ Vendor which is not registered as on date required to get registered within a month of last date of submission.** An undertaking in this regard must be submitted by the proprietor/ authorized partner/Director of firm along with application.

b) Must have valid **PAN, GSTs Registration Number** etc.

- c) **Statutory Provisions:** Manufacturers/ Firms/ Companies/ Dealers/ Vendors should comply with all the labour laws, Rules, Regulation of concerned States and Central Government.

4. **Products Certifications:**

The components of the AFD&AS proposed to be installed by the applicant should bear certification by one of the standards as listed against each item below i.e. UL (Underwriters Laboratories Inc), BS (“British Standard”), FM (“Factory Mutual”), BIS (Bureau of Indian Standards), LPCB (Loss Prevention Control Board) ERTL(Electronic Research & Testing Laboratory) / ETDC(Electronics Testing and Development Center). A copy of relevant certification needs to be enclosed.

S. No	Product	Standard
i.	Detector	UL/FM/ BS /LPCB/BIS
ii.	Armoured Cable (Copper)	BIS-1554Part-1/1976(ISI-Marked)
iii.	Panel	Standard.TypeTestedbyERTL/ ETDC
iv.	ElectronicHooter	Standard.TypeTestedbyERTL/ ETDC
v.	ResponseIndicator	Standard.TypeTestedbyERTL/ ETDC
vi.	ManualCallPoint	Standard.TypeTestedbyERTL/ ETDC

5. **Authorization Letter:**

- a) The applicant should submit the authorization Letter from the Principals / OEMs (Original Equipment Manufacturer) / Distributors whose products are proposed.
- b) The Applicant should either be the original equipment manufacturer of the proposed system or a subsidiary company of a manufacturer company for such system or an authorized supplier / channel partner of a manufacturer / System Integrator, of the proposed system.
- c) **The Applicant shall have back-to-back agreement with each of the equipment Manufacturer, so that direct support for maintenance, spares and upgrades is available for at least 5 years from the date of installation of the system.**
- d) State Bank of India reserves the right to visit/inspect Applicant/Manufacturer facilities to ascertain the above facts. The Bank’s representatives may visit the applicant’s factory site/offices and contact his past clients for verification of information given by the applicant. The applicant will be required to give /arrange the necessary facilities for any such verification process.

6. Service Support Office:

- a) The applicant must have *an established office / service centre with adequate technical personnel at least at one location in the state of Telangana. This office/service centre should have been operational*, the applicants also must be prepared to open additional support offices at new centers where Admin Offices are located from the perspective of providing 24 hours / 7 days, post implementation support.
- b) Complete address, contacts and Documentary evidence for the same needs to be provided.
- c) **The contact details, specially the Telephone numbers, of service centers should remain unchanged during the currency of vendor's relation/agreement with SBI, Hyderabad Circle.**

7. Product Literatures:

- a) Applicant shall furnish as a part of bid, documents establishing the applicant's ability to execute the work.
- b) The applicant shall also submit documentary evidence in the form of literature, drawing & data on the AFD&AS Product offered.
- c) Evaluation will be done on the basis of the documents submitted along with the bid without any further reference to the applicant.

8. The intending Manufacturer / Firm / Company / Dealer / Vendor who are under arbitration / litigation with our Bank in last five Years or have been black listed / de-listed / d-empanelled by any Government / Semi Government / Nationalized Public Sector Banks / Public Sector Undertaking (PSUs) / Financial Institutes (FIs) / Corporate Offices will not be considered for Empanelment. A valid AFFIDAVIT, on a Stamp Paper duly attested by Notary / Magistrate, to be submitted to this effect along with the application. Application received without the affidavit will be summarily rejected.

C. SELECTIONPROCESS:

1. Bank will evaluate the application for empanelment based on eligibility criteria, and those who meet the eligibility criteria will be evaluated based on the scoring sheet given as Annexure III. **Applicant needs to cut off score of minimum 80 marks out of maximum score of 100.**
2. Only the shortlisted applicants would then be invited by the Bank to make a presentation and demonstration of their equipment and their proposed methodology, at their own cost for execution of this project as per

Technical Specifications of the Bank on the date, time and place, to be intimated later.

3. The Applicant, invited for presentation/demonstration, will be required to display their proposed equipment for their verification against specified technical specifications, certifications, quality and suitability. Applicants will also be required to present their original documents for verification. Authorised representative of applicant attending the presentation/demonstration should, therefore, be equipped accordingly.
4. **Decision of committee on award of score will be final and binding on all stake holders including applicants.**
5. The Bank reserves its right to call open / limited tenders in which the contractors not empanelled in this process but meeting the minimum criteria for tender, can also participate. For such tenders the empanelled contractors under this process meeting the stipulated criteria of tender can also participate.
6. Only final short listed applicants will be allowed to participate in financial bid through ON-LINE Reverse Auction/ E- tender / OFF-LINE bidding.
7. The Bank reserves the right to reject any or all Expression of Interest without assigning any reasons whatsoever. The Bank also reserves the right to change or modify any specification / configuration on a later date / during the process of bidding / demonstration / actual installation of the system.
8. It will be mandatory to accept work of Regions comprising of urban as well as rural branches and also vendor should be willing to take up work of supply and maintenance together. Once final list of panel is arrived at after financial bid, Bank has a right to allot the work /areas/ region to any vendors based on commonality in AFD& AS so as to have a better vendor management and also as per the emergent requirement of the Bank the work could be assigned to any vendor.
9. Allotment of work and the area of operation to the finally empanelled vendors would be at the sole discretion of the Bank.
10. The Bank reserves the right to reject or accept any or all the offers without assigning any reasons and also to cancel the empanelment by giving clear one month notice.
11. Vendors so empanelled should comply with all statutory and labour laws, rules and regulations of central/state govt. at their own cost.
12. Training to be provided by manufacturer at site to Department officers. Operator level training should be provided by the applicant at their own cost.

13. Incomplete applications and those received late will be rejected by the Bank. The decision of Bank to accept or reject any application for pre- qualification will be final :-

- a) If at any stage the information furnished by the applicant is found to be incorrect/ inaccurate the empanelment of the applicants is liable to be cancelled at the sole discretion of the Bank.
- b) Bank will not enter into any correspondence with applicant except in case of clarification sought with regard to this document only if considered appropriate by the Bank.

14. **AVAILABILITY OF APPLICATION FORM FOR EXPRESSION OF INTEREST AND SUBMISSION THEREOF:**

- a) Document / Application form for EOI may be downloaded from <https://www.sbi.co.in> through 'procurement news' link.
- b) Forwarding letter (form-1) and the application form (form-2) for Expression of Interest along with required enclosures, completed in English and duly signed by the authorized signatory must be submitted, in sealed envelopes, superscribed "**Expression of Interest for Automatic Fire Detection & Alarm System (AFD&AS)**" along with the company profile and the relevant certificates / documents and should reach the following address **by 1500 Hrs on or before 21 MAY, 2024.**

**Asst General Manager (P&E),
State Bank of India,
Premises & Estate Department, Local Head Office,
Bank Street, Koti, Hyderabad-500001**

Note: The interested firm are advised to keep on visiting Bank website <https://www.sbi.co.in> for any subsequent changes/ corrigendum / additions / updates etc., for which there would be press notifications.

**GENERAL REQUIREMENTS AND MINIMUM TECHNICAL SPECIFICATIONS OF
AUTOMATIC FIRE DETECTION & ALARM SYSTEM (AFD&AS)**

GENERAL:

The purpose of a fire detection and alarm system is to detect fire at the earliest practicable moment and to give an alarm so that appropriate action can be taken (e.g. evacuation of occupants, triggering of extinguishing processes etc.). An alarm system may be activated by automatic detection devices or by manual operation of manual call points.

The general principles given below are a guide to design and construction of fire detection and alarm systems. A fire detection and alarm system should:

- a) Detect quickly enough to fulfill its intended functions.
- b) Reliably transmit the detection signal.
- c) Translate this signal into a clear alarm indication that will attract the attention of the user in an immediate unmistakable way and indicate the location of fire and initiate operation of ancillary service, such as fire extinguishing system etc.
- d) Remain intensive to phenomena other than those which its function is to detect and
- e) Signal immediately and clearly any supervised fault that might jeopardize the correct performance of the system.

1. **SCOPE OF WORK:**

The work under this section shall consist of furnishing all labor, material, equipment, and appliances necessary and required to completely install automatic and manual fire detection and alarm system facility as required by the drawings and specified here in after or given in the schedule of qualities.

Without restricting to the generally of the foregoing the fire Detection& Alarm System shall include the following:-

- a) Ionization smoke detectors, Optical Detectors, Rate of Rise cum Fixed Temperatures Heat Detectors, Fixed temperature heat detectors, Manual call points, Electronic Hooters/Sounders, Response Indicators, and Accessories as specified.
- b) Metallic conduits (rigid/flexible), PVC insulated copper conductor cables, armored cables, glands, tees, bends, special fittings, junction boxes etc. as specified.
- c) Main Fire Alarm Control panels, local control panels (floor panels), batteries, and battery chargers etc. as specified.

2. **GENERAL REQUIREMENTS:**

All material shall be of the best quality confirming to Specifications and subject to the approval of the Bank Fire Officer.

All conduit pipes/cables shall be fixed truly vertical, horizontal or in slopes as required in a neat workman like manner or as advised by the Fire Officer

All conduits, cables, junction boxes etc. shall be securely fixed to brick/RCC walls and ceilings by suitable clamps at regular intervals. Only approved type of anchor fasteners shall be used.

Control panels shall be so located that they are easily accessible for operations, repairs, and maintenance.

Detectors shall be provided at appropriate spacing as given in IS: 2189:2008. The spacing shall also be in conformity with the drawings and properly coordinating with electrical fixtures, air conditioning ducts / grills, beams and other ceiling services. Contractor shall submit detailed layout drawings to Fire Engineers/Consultants in charge for approval before commencement of work.

3. **SMOKE DETECTORS:**

IONISATION TYPE:

Ionization Detector should respond to visible as well as invisible smoke generated by shouldering or open fire. It shall basically consist of two ionization chambers containing American – 241 foils, an electronic circuit, connection contacts to the base an easy to clean protective housing.

3.1.2The detector shall also be compatible to work with heat and photo electronic (optical) smoke detectors and shall have interchangeable base. The detectors shall be UL/FM listed approved.

OPTICAL TYPE:

Optical smoke Detectors shall contain an emitter, a solid state light emitting diode (LED) which, with its associated lens system, shall produce a hollow circular beam of light. A silicon photocell shall be positioned in the central dark area of the hollow beam, so that in the absence of smoke no light is received. When smoke enters the chamber a combination of reflection and deflection from smoke particles shall cause light from the beam to impinge on the photocell. The detector shall be listed with UL/FM approved.

HEAT DETECTORS:

The heat detectors shall be combined rate of rise cum Fixed temperature, Re-settable type preferably operating on twin thermister

principle where one thermister is exposed and is therefore in good thermal contact with the surrounding air and responds quickly to changes in air temperature and the other is thermally insulated from the surrounding and responds less quickly resulting in electrical imbalance. One fixed temperature setting the detector shall operate at 60°C. The sensitivity of the detector shall be as per the requirements of IS: 2175 for grade I Heat Detectors. The detectors shall be UL/FM listed approved.

MANUAL CALL POINT:

Each manual call point unit shall comprise of a push button of reputed make enclosed in an M.S./Cast Aluminum Box with provision for cable or conduit coupling/gland from top. The manual push button shall have the words prescribed in clear bold letters on facial window. **“In case of Fire Break Glass,”** installation of the manual push button shall be as per IS: 2189. The push button shall not be shrouded and the same shall be projecting out of the surface of the M.S. Box.

6.0 **ELECTRONIC HOOTER (SOUNDER):**

The dual tone electronic hooter shall be provided so that it gives discontinuous/intermittent audible alarm automatically whenever the automatic/manual detector operates and is distinct from the background noise in every part of the premises. The mode of the alarm sounders shall be quite distinct from any other sounder to be heard. All hooters shall produce a similar sound and shall maintain the same during their operation. Hooter shall be complete with electronic oscillation, magnetic coil (sound coil) and accessories ready for mounting (fixing) and confirming to IS: 2189-2008.

7.0 **REMOTE RESPONSE INDICATOR:**

The remote Response indicator shall consist of a steady glowing LED similar to the one provided at the base of the detector. This LED shall be mounted within a M.S. box of 16 SWG and connected in parallel to the built-in indicator of the detector by a 2 core cable. The response indicator shall come “ON” as soon as the detector actuates. The M.S. enclosure shall be painted externally and internally in synthetic enamel paint of approved shade. The LED shall be so provided that it is visible from the side also.

8.0 **MICROPROCESSOR BASED CONTROL PANEL:**

Control panel shall conform to IS: 2189: 2008. The equipment for the main board shall be compact, neatly wired and completely of solid state design. The panel shall be of wall mounting type, totally enclosed,

dust and vermin proof type made of 16 SWG dust inhibited MS Sheet of suitable size and having lockable glass front suitable to accommodate accessories as specified, with oven backed finish duly painted with one coat of anticorrosive paint and two coats of synthetic enamel paint. The primary function of control panel shall be to respond automatically to the operation of one or more detectors to give fire alarm and to indicate area (Zone) where the device(s) are activated. The operation of one or more detectors shall result in a simultaneous alarm by the following:

- a) The external alarm hooters at floor of actuation.
- b) A visible indication on control panel.
- c) Audible alarm on control panel itself (common to all zones).

The secondary function on the control panel shall be to indicate the faults within the system. An immediate fault warning shall be given by an audible and visual signal on the control panel. A fault warning shall be given in case of following occurrences:

- a) Failure or disconnection of normal power supply.
- b) Short –circuit or disconnection of the leads to trigger devices unless the fault conditions reproduce the effect of the operation of a triggered device.
- c) Removal of any triggered device of the plug in type or disconnection from its transmitter or power supply.
- d) Short – circuit or disconnection of any of the leads to alarm sounders external to the control and indicating equipment.

In addition to above, visual warning shall be given on control panel for failure or disconnection of standby power supply and rapture or disconnection of any fuse on the operation of any protective devices that would prevent a fire alarm being given. The healthiness of battery charging equipment shall be indicated by a charging meter and an LED.

The control panel shall drive 230 volts A.C. power from normal supply and the entire fire alarm & detection system shall be suitable for operation on 24 Volt D.C. A stand by power supply shall be immediately available in the event of failure of normal supply and shall automatically be connected so as to maintain

The equipment in condition such that fire alarm originating from the operation of detector in separate zone can be subsequently given suitable earthing shall also be provided to the satisfaction of the Engineer/consultant and bank.

9.0 **ELECTRONIC CABLES, WIRING & CONDUITING:**

All wires /cables to be used for the system shall conform to the following as specified in BOQ.

- a) PVC insulated copper conductor cables confirming to and marked IS: 694: 1990 having minimum 1.5mm² cross- sectional areas or as specified in BOQ. If stranded at least 0.5mm² cross-sectional should be used.
- b) Armoured PVC / Rubber insulated cables confirming to and marked IS: 1554 (Part – I) 1988.

Joints in the cables shall necessarily be avoided. Where joints are unavoidable for qualified reasons all visible areas of the junction boxes shall be painted signal red.

The maximum number of wires that can be drawn in conduit shall be governed by the CPWD Specification for internal electrical works (Part- I).

Insulation on cable should not be lesser than one Mega Ohm when tested with a 500 Volts Megger for any particular section of the wiring.

INSTRUCTION MANUAL:

The record engineering drawings and operating instructions shall be supplied by the installers on completion of the installation. Drawings shall clearly indicate, for maintenance and record purposes, the position of various items of the equipments, junction boxes, sizes and routes of all cables and wires and such other relevant details. If so desired by the user, circuit diagrams of fire alarm system and its components should also be supplied. These drawings and operating instructions shall be kept up – to – date and be available for convenient reference and shall be available for convenient reference and should be located in the control room.

The installer shall supply the user with a log book. The log book shall be maintained for recording details, including causes of all the alarms (genuine, practice, test or false), faults, service tests and routine inspections, servicing/repairs, etc, as and when done. Periods of disconnection/in operation should also be shown.

11.

MINIMUM TECHNICAL SPECIFICATION FOR CONVENTIONAL AUTOMATIC FIRE DETECTION AND ALARM SYSTEM (AFD&AS)

Technical Specifications (Against Each Parameter)		Compliance Yes / No
1.MAIN CONTROL PANEL		
a)Primary Function	The primary function of the control panel shall be to automatically respond to the operation of one or more detectors to give fire alarm and to indicate area(zone) from where the devices are activated.	
b)Specifications	Minimum 04 - Zone or more Zones Microprocessor based Control Panel as per IS-2199- 2008 specifications. Approved / tested by ERTL/ ETDC or any Third Party Laboratory/ Test House recognized by Bureau of Indian Standards for this purpose.	
c)Electrical\Electronics	Built-in power supply arrangement With AC /DC ON, system ON visual indicators.	
	Automatic change over arrangement to standby supply with built-in battery charger, owbattery, charger fail, reverse polarity, AC/ DC fail visual indicators.	
	Built-in panel sounder with Acknowledge switch, lamp test and reset switches, evacuation alarm.	
	Zone indicators for Fire, Open, Short, Isolate and Test Facility.	
	On fault i.e, open / short condition, buzzer must sound and indicator lamp (LED) glows. This audible alarm should be distinct from the Fire Alarm. <u>Trouble reminder</u>	

	Built-in Digital Ammeter, Digital Voltmeter, Air Conditioning turn-off relays and facilities for connecting Auto dialer etc.	
d)Auto Dialer	Arrange to Built in Auto Dialer Arrangement (GSM based & PSTN both in the same unit)	
e)Power Supply	The fire panel shall operate from a 230 v + / - 10 % 50 Hz mains supply and in case of power failure shall automatically switch over to a built-in sealed maintenance free battery rated at 24V DC 7 AH with a switch over time of less than 100 ms. <u>Deep discharge arrangement should be there.</u>	
f)Power Consumption	Less than 200 m Aid le current and 1–2 Amps on full activation.	
g)AC Voltage at Input	SinglePhase50Hz,150-260V.Auto cut- off protections for over and under current / voltage.	
h)DC Voltage for System	24 Volts	
i) Type of indicator lamps	LED(different colours)	
j) Body	Mild Steel (Minimum16SWG)	
k)Type	Wall mounting, plug in modular type.	
l) Overall dimensions	Suitable size to accommodate 4 zones, other control components, and 2x12V 7 AH battery.	
m)Thickness of body and colour	16SWG.Powdercoating(Preferably White/ Brown colour)	
n)Opening of the body / panel	Suitable locking arrangement through Key/Allen Screws.	
o)Cable glands	Cable glands should be provided.	
Additionalfacilities:Itshouldhavethefollowingadditionalfacilities/provision:		
p)Auto dialer should be integrated within Main Control Panel	Should have capacity to register at least 5 (five) telephone numbers.	
2.BATTERYUNIT		
a)Make	Standard ISI make	

b)Type	Sealed, maintenance free.	
c)Voltage	12Volts: 2units.	
d)AHCcapacity	7AHcapableofproviding48hrs	
	Stand by supply in case of AC failure As per IS 2189-2008.	
e)Location	Both the batteries will be located Within the Main Control Panel.	
3.MANUAL CALL POINT:		
a)Make as per BIS	As per IS2189-2008.withhammer and chain	
b)Material of body	M.S., Powder coated with approved P.O red	
c)Thickness of body	1.5 mm.	
d)Material of fragile element	Glassof2mmthickness	
e)Contact making breaking	Breaking for alarm	
f) Dimension	100mmx100mm	
g)Size of fragile element	70mmx70mm	
h)Type of indicator lamp	LED	
4.ELECTRONICHOOTER/SOUNDERWITHFLASHER(OPTIONAL)		
a)Make	AsperIS2189-2008.	
b)Watt /capacity	6Watts (Dualtone)ofMin65db output	
c)Type of sound emitted	Intermittent/Dual	
d)Material of the body	Fabricated from either spun Aluminum or moulded PVC.	
5.RESPONSE INDICATOR		
a)Make	AsperIS2189-2008 or equivalent as Per prevalent trade and practice, acceptable to the Bank.	
b)Type of indicator lamps	LED	
c)Material of the body	Fabricated from either spun aluminumormouldedPVCorMS16 SWG	
6.CABLE		

a)Make	Standard ISI mark	
b)Specification	IS1554-Part-11976	
c)Type	2core,1.5sq.Mm/core; Armoured	
	Cable	
7.DETECTOR		
i) IONISATION SMOKE DETECTOR:		
a)Operation Principle	Ionization (Apollo 65 and its equivalent other makes as listed below.	
b)Make	Leading Brand	
c)Specification	IS11360-1985/ UL-217/EN-54/FM/ LPCB	
d)Voltage range	24VDC,20-30V	
e)Type of Indicator lamp	LED.	
f)Compatible to work with	Optical and Heat and Multi Sensor	
ii)OPTICALSMOKEDETECTOR:		
a)Operation Principle	Light Scattering or obscuration (Apollo65 and its equivalent other Makes as listed below.	
b)Make	Leading Brand only	
c)Specification	IS-113601985/UL/BS/FM/LPCB	
d)Type of indicator lamp	LED	
e)Compatible to work with	Ionization and Heat and Multi Sensor	
iii) HEAT DETECTOR:		
a)Operation principle	Rate of rise cum fixed temperature type.	
b)Make		
c)Specification	IS-11360/UL/BS/FM/LPCB	
d)Type of indicator lamp	LED	
e)Compatible to work with	Ionization and Optical and Multi Sensor	
iv) BEAM DETECTOR:		
a)Operating Range	5to120m	
b)Operating Voltage Range	12to 36V DC± 10%	

c)Operating Controller Current (with 1 or 2 Receivers)	14mA(constant)	
d)Operating Transmitter Current	8mA (per Transmitter)	
e)Power Down Reset Time	>20 Seconds	
f)Fire and Fault Relay Contacts	VFCO2A@ 30VoltsDCresistive	
g)Operating Temp. (non-condensing): EN54	-10°Cto 55°C	
h)Optical Wavelength	850nm	
i) Led Indicators: Control Unit	Red=Fire Amber=Fault Green=System OK	
j) Receiver	Red=Fire Alignment LEDs for single persons alignment	
k)IP Rating	IP54	
l) Relative Humidity (non condensing)	93%	
m) Housing Material (Transmitter/Receiver /Controller)	UL94V2PC	
n) Dimensions &Weight of	203x124x 71.5mm(W x H x D)606 gms	
o) Control Unit		
p)Transmitter & Receiver	78x 77161mm (W x H x D) 207gms	

Certified that:

- a) We have understood the technical specifications thoroughly and are acceptable to us.
- b) If the work order in whole or part is placed with us, we would be able to supply the above mentioned equipment to the branches/offices of State Bank of India, Hyderabad Circle within given time frame.
- c) Our company/firm already has an office in. Region with adequate infrastructure and technical manpower, which will remain functional till the end

of warranty and AMC period.

- d) We understand that the specifications being offered by us as above are applicable to throughout the Hyderabad Circle, State of Telanagana.

Signature with Seal

PLACE:/DATE:

11. REQUIREMENTS FOR DETECTION ZONES THAT CONTAIN NON-ADDRESSABLE AUTOMATIC DETECTION SYSTEM ARE GIVEN BELOW:

- a) Automatic fire detection and alarm system consists of fire detectors and manual call points connected by appropriate cables to sector/zonal panels which in turn are connected to control and indicating equipment (C and I). The equipment and cables of automatic fire detection and alarm system should be independent of any other system or cables, and should not be shared with any other system.
- b) If the requirement of detectors in any area is less than 20, division into zones/sectors may not be necessary. Similarly, sectorization may not be necessary if the number of zones is not very large and in case of bigger premises, the premises may be divided into wings and each wing may have sectors/zones.
- c) Size of the conventional panels is normally referred by number of zones. Each zone can be connected with the conventional detectors not exceeding 20.
- d) The floor area of a single zone shall not exceed 2000 m².
- e) If the total area of a building is less than 300 m², a zone can cover more than one floor.
- f) If the total area of a building is more than 300 m², each zone shall be restricted to a single floor.
- g) The search distance, that is, the distance that has to be travelled by any one responding to a fire alarm signal after entry to the zone in order for the location of the fire to be determined visually, shall not exceed 30 m.
- h) Automatic fire detectors within any enclosed stairwell lift well or other enclosed shaft-like structures shall be considered as a separate zone.
- i) If manual call points are located on the landings of an enclosed staircase, such points at each level shall be incorporated within the zone that serves the adjacent accommodation on that level.
- j) The detectors and manual call points within sectors / zones shall be wired to the control and indicating equipment.
- k) The entire electrical installation pertaining to the entire fire alarm system as described above shall be independent of other systems.
- l) When a signal of fire is given it is necessary that there shall be no confusion about the zone from which it is received.

- m) In larger premises, the fire alarm system shall be so designed and arranged that it is fully compatible with the emergency procedures and provides at some central or convenient point, or points, an indication of the zone from which an alarm has originated.
- n) If the requirement of detectors or call points is less than 20 in any area, division of the area into zones is not necessary. Similarly, sectorization is not necessary if the number of zones is not very large.
- o) The zoning arrangement for systems in multiple occupations shall take into account the fact that all the premises may not be occupied at the same time. No zone shall include areas is more than one occupancy.
- p) Remote indicator lamps outside doors of rooms, cabins, etc, within a zone may be useful, if doors are likely to be locked.

12. THE FOLLOWING GUIDELINES TO BE FOLLOWED FOR THE INSTALLATION OF AUTOMATIC FIRE DETECTION & ALARM SYSTEM:

- a) The ***entire area of the branch including record/stationery room & onsite ATM enclosure should be covered*** with the detectors as per its requirement.
- b) The ***equipments and cables of Automatic Fire Detection & Alarm system (AFD&AS) should be independent of any other system*** or cables, and should not be shared with any other system.
- c) The electric ***connection shall be provided to the system before the main switch through MCB and UPS.***
- d) The ***control panel of the system should be installed near the entry/exit*** of the Branch / office. The control panel may be fixed on the wall at the height of 1.2 meter, it should be easily approachable and a key of the control panel may also be tagged with panel.
- e) If the detectors are providing under/over the false-ceiling, the ***armored cable / wire should be clipped / hooked with the roof. The armored cable / wire should not be laid out over the false-ceiling at any cost.***
- f) ***Circuits for the detectors and the manual call points (MCP) shall be different. MCP shall be fixed at a height of 1.4 mete above the floor level,*** at easily accessible, well illuminated and conspicuous positions, which are free of obstructions. It shall be located preferably near entry /exit /staircases.
- g) At the time of installation and prior to commissioning, ***every detector should be allotted an identification number*** (permanent marker) proceeded by alphabetic initials. For example, Z1/SDI/8 means zone -1,

Ionization detector, 8th detector or Z2/SDO/5 means zone-2, optical detector, 5th detector or Z3/DHT/4 means zone- 3, heat detector and 4th detector.

- h) Under the flat ceilings and ceiling height up 4/5 meter, the **spacing between the detectors should not be more than 5 to 7 meter** in a protected area.
- i) Detectors shall not mount within **50cm of any walls, partitions or obstructions**.
- j) Detectors shall not be mounted within **01meter of any air inlet or a forced ventilation** system.
- k) Detectors should always be mounted on the ceiling only and shall be placed on the protected side of the premises on the ceiling **1.5 meter from any door, window or any opening** in the wall partitions.
- l) Detector sitting shall be such that a **clear space of 50cm is maintained below** each detector.
- m) Auto dialer should be **programmed with minimum 4/5 mobile numbers among the branch functionary including branch manager and must be armed 24x7hrs** with the fire alarm panel. The power supply of Auto dialer shall be given from fire control panel only.
- n) After installation of the system, a **demonstration regarding mode of operation of the system should be conducted in the branch/office before the branch functionary**. The function of automatic fire detection & alarm system along with auto dialer should be known to the users and the nearby fire station mobile number/phone number may also be connected with system. The fire station should also be informed regarding the function of captioned system in case of any emergency.

[To be submitted by Vendor on letter head]

Ref, No.

Date:

To,

**Asst General Manager (P&E), State
Bank of India,
Premises & Estate Department, Local Head Office,
Bank Street, Koti, Hyderabad-50001**

Dear Sir,

**APPLICATION FOR EMPANELMENT OF SERVICE PROVIDERS FOR THE
SUPPLY,INSTALLATION, COMMISSIONING, MAINTENANCE AND REPAIR OF
AUTOMATICFIRE DETECTION & ALARM SYSTEM (AFD&AS) FOR VARIOUS
BRANCHES/OFFICES OF STATE BANK OF INDIA IN THE STATE OF
HYDERABAD**

With reference to your advertisement for captioned work , we submit herewith our **application form for expression of interest with required list of enclosures** duly filled, signed and sealed by the authorized signatory of our organization, on the standard format.

2. I/We have read and understood the Press notice, Empanelment Notice & this Application form along with all Annexure and my/our firm fulfills the **Eligibility Criteria** as described in the notice.
3. I/We are agreeable to the terms and conditions and to submit Security Deposit in the form of DD / Banker's Cheque of amounting Rs. 50,000/- (Rupees Fifty thousand only) to the State Bank of India, payable at Hyderabad, in case of our being shortlisted.
4. I/We hereby confirm that all information, particulars, copies of certificates and testimonials in connection with my above mentioned empanelment of AFD&AS vendor, for supply, installation and maintenance of AFD&AS are correct and genuine. I/ we, am /are, therefore liable to face the appropriate actions as deemed fit by the Bank in the event of any of the information, particulars, copies of certificates and testimonial is not found correct / genuine or not attached as required documents.
5. I / We undertake to produce the original of all the papers / documents attached herewith and assist the Bank authorities for the purpose of empanelment and verification.

6. I/We hereby confirm and certify that the information given above is correct and true and the enclosures annexed here with are genuine to the best of my / our knowledge.
7. I/We are authorized to sign and submit these documents for Empanelment.
8. I /We understand that if at any stage it is found / noticed by the Bank that any information thus provided by us is untrue / incorrect partly or fully and in case of receipt of adverse / unsatisfactory report from other clients / Bankers, the Bank may not consider our application and / or may de-list us and / or may take any appropriate action against us.
9. I /We also understand that partly / wrongly filled application and / or applications not on prescribed pro-forma and / or applications not accompanying relevant documents / enclosures / annexure are liable to be summarily rejected by the Bank.
10. I/We confirm that all the Rules prevailing in the state, the Labour Laws, Risk Insurance obligations, State & Central Government statutory requirements are complied by us.
11. I / We understand that this is merely an application & does not entitle us to be necessarily empanelled by the Bank and Bank reserves the right to reject all and / or any application without assigning any reason whatsoever.

Yours faithfully,

SEAL OF THE FIRM

(SIGNATURE OF AUTHORIZED SIGNATORY) PLACE :

NAME :

DATE:

**APPLICATION FOR EMPANELMENT OF SERVICE PROVIDERS FOR THE
SUPPLY, INSTALLATION, COMMISSIONING, MAINTENANCE AND REPAIR OF
AUTOMATIC FIRE DETECTION & ALARM SYSTEM (AFD&AS) FOR VARIOUS
BRANCHES/OFFICES OF STATE BANK OF INDIA IN THE STATE OF
TELANGANA**

S. No.	Subject	Details			
1.	Name of Organization				
2.	Constitution	Proprietary/Partnership/HUF/Private Limited/ Public Limited. [Enclose a copy Certificate of Registration/ Partnership deed]			
3.	Year of Establishment	[NB: Date of Commencement of Business [in case of Company]			
4.	Details of Key/Senior Officials/Directors /Technical Officer (Enclose Bio-data)	Name	Designation	Qualifications	Experience
5.	Number of Offices In India	[Enclose complete list]			
6.	Registered / Head Office Address with details	Address			
		Mobile			
		Phone			
		Fax			
		Email			
7.	Local Address With details and documentary evidence	Address			
		Mobile			
		Phone			
		Fax			

		Email		
8.	Contact Details for Correspondences	Name		
		Designation		
		Address		
		Mobile		
		Phone		
		Fax		
		Email		
9.	Whether Registered /empanelled any Organization / public body (Enclose documentary Proof)	Name of Organizations	Since when	
10.	Service Support In the state of Telangana	Please furnish complete details of offices[Address and contact details like Mobile, Land line Phone, Fax, Email] with number of support engineers located in Telangana along with documentary proof.		
		Locations	Office Available/ Service Centre	No. of Support Engineers
11.	GSTs Registration No.	[Please enclose a certified copy of latest certificate]		
12.	PAN [Permanent Account Number]	[Please enclose a certified copy of latest income tax clearance certificate/ Return filed/Assessment Order]		
13.	Whether last three years IT returns filed	(Enclose certified copies of the IT return of 2020-21, 2021-22, 2022-23)		

14.	Service Tax Registration No.	[Please enclose copy of Registration Certificate]			
15.	Financial details (Please enclose copies of Audited Profit and Loss and Balance Sheet along with Auditor's Note)	[Rs.In crores] As at close of business as on			
			31.03.2021	31.03.2022	31.03.2023
		Turnover/ Sales			
		Other Income			
		Profit before Tax			
		Profit after Tax			
	Capital &Reserves				
17.	List of Clients whose work has been undertaken During last 05years.	<p align="center">[Please enclose as per format relevant order copy/contract copy and satisfactory performance cum installation cum completion certificate from the customers]</p> <p align="center">As perform at Annexure -II</p>			
18.	Associate Firms / Companies with details of activity and turnover	Name of Firm	Activity	Annual Turnover	
19.	Dealing with SBI	Enclose order copies and installation certificates the satisfactory performance certificate has to be from the authority which originally empanelled the vendor.			
20.	Installations & AMC at Public Sector Banks/Entity	Please enclose order copies / contract copies and installation cum satisfactory performance certificate from Public Sector Bank.			

21.	Details of works executed & completed during last 05 years.	Enclose copies of work order and its completion certificates
22.	Details of works on hand	Enclose copies of LOI/work order/ agreement
23.	Details of Key Personnel Permanently employed.	List enclosed
24.	List of Office Equipments owned by the firm (Enclose separate sheet, if required)	
25.	Please mentions whether your any relative(s)is(are) working in the State Bank of India with Name, relationship, address & present posting etc.	
26.	Mention Any Litigation / Arbitration Case Pending Against The Firm	Separate affidavit to be attached as Per para B (8)
27.	Have You Been Black Listed By Any Organization in The Past, If Yes, Furnish Details	
28.	Whether the Applicant is Willing to Maintain/Repair The Existing Automatic Fire Detection Alarm System And its Accessories	Yes/ No

Note: Please enclose separate sheets in same format for additional information, photographs, and documents. Please enclose all the Annexure with relevant supporting documents.

Declaration:

I/We have read and understood the empanelment notice, EOI document & this application form along with all Annexure and certify that my/our firm full fills the eligibility criteria for empanelment described in empanelment notice.

I/We hereby confirm and certify that the information given above is correct and true and the enclosures annexed here with are genuine to the best of my/our knowledge.

I/We are authorized to sign and submit these documents for empanelment.

I /We understand that if at any stage it is found / noticed by the Bank that any information thus provided by us is untrue / incorrect partly or fully and in case of receipt of adverse / unsatisfactory report from other clients / Bankers, the Bank may not consider our application and / or may de-list us and / or may take any appropriate action against us.

I /We also understand that partly / wrongly filled application and / or applications not on prescribed pro-forma and / or applications not accompanying relevant documents / enclosures / annexure are liable to be summarily rejected by the Bank.

I / We understand that this is merely an application & does not entitles us to be necessarily empanelled by the Bank and Bank reserves the right to reject all and / or any application without assigning any reason whatsoever.

PLACE:

SIGNATURE / NAME:

DATE:

INDICATIVE CHECKLIST OF ENCLOSURES

S. NO.	PARTICULARS	ENCLOSED YES/ NO
1.	Copy of Registration/ Partnership Deed in support of constitution	
2.	List of Office locations	
3.	Documentary evidence in support of Registration/empanelment with any Organization/Public Body	
4.	Service Support in the State of Telangana.	
5.	GSTs, Certified copy of latest clearance certificate.	
6.	Copy of PAN letter issued by Income Tax. Certified copy of latest income tax clearance certificate/Return filed/Assessment Order/ Aadhar card details	
7.	Copy of Registration certificate under Telangana Shops & Commercial Establishment/ Undertaking as para 3(a) of eligibility criteria	
8.	Last three years copies of Audited Profit and Loss and Balance Sheet along with Auditor's Note	
9	List of Clients/work executed with details required above, during last 5 years along with order copy/contract copy and installation certificate/ certificate of successful work cum satisfactory performance, from customers	
10	Order copy/contract copy and installation certificate/ certificate of successful work from Public Sector Bank/Entity in support of installation.	
11	Copies of certification, if any	
12	List of technical staff/engineers	
13	Copy of SO Certification if any	
14	Technical specifications/Brochure of the product(s) offered.	
15	Experience certificate	
16	A valid direct authorized dealer certificate from OEM/ODM	

17.	Back to back support certificates form OEM	
18.	An affidavit on a stamp paper duly attested by Notaryetc.	

Place:

Date:

Authorized Signatory
With seal of the company/Firm

Annexure-II

**LIST OF CLIENTS/ WORK EXECUTED WITH DETAILS REQUIRED ABOVE, DURING
LAST 5 YEARS ALONG WITH ORDER COPY/ CONTRACT COPY AND
INSTALLATION CERTIFICATE/ CERTIFICATE OF SUCCESSFUL WORK CUM
SATISFACTORY PERFORMANCE, FROM CLIENT**

S. No.	Name of the work	Organization & Place	Cost of work	Year of Execution	Name of the Authority under whom work is executed with their address and contact numbers	Remarks as Work completed /Working Progress
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						

[Please enclose as per format relevant order copy/contract copy and satisfactory performance cum installation cum completion certificate from the client]

APPLICATION EVALUATION MATRIX

S. NO.	PARAMETER	MARKS	TOTAL MARKS	MARKS OBTAINED
1	Average Annual Turnover during last three years (in Automatic Fire Detection And Alarm System related business)	a) AboveRs.34 Lakhs - 05 b) MinimumRs34Lakhs- 04 c) Less than Rs 34lakh - 00	05	
2	Years of experience in relevant field	a) More than 07years- 05 b) Minimum 07 years - 04 c) Lessthan07years - 00	05	
3	<i>Experience with Public Sector Undertaking / Organization / State / Central Govt./,Corporate for a minimum periodof05years in relevant field</i>	a) More than 02 - 05 b) Minimum 02 - 04 c) No emapnellment- 00	05	
4	ISO certificate given for Excellence to the bidding Company /Vendor	a) Has Certificate- 05 b) No Certificate- 00	05	
5	Installation Works Carried out during last Five Years, as per para B 2(c) of Eligibility criteria	a) More than value of 89 lakhs - 10 b) Equal to value of 89lakhs- 08 c) Less than value of 89 Lakh- 00	10	

S. NO.	PARAMETER	MARKS	TOTAL MARKS	MARKS OBTAINED
6	AMC Works Carried out during last Five Years, as per para B 2(d) of Eligibility criteria	a) More than 500 including 100 in PSU Banks – 10 b) equal to 500 including 100 in PSU Banks – 08 c) Less than above -00	10	
7	Office/ Service Centre in the State of Telangana	a) 2 and more locations - 10 b) Minimum One Location- 08 c) Not having - 00	10	
8	Technical Presentation and Equipment demonstration	a) Technical Presentation- 15 b) Equipment demonstration-15	30	
9	Committee assessment	Assessment of Company with regard to its reputation, performance feedback, experience and infrastructure	20	
	Total		100	

Note:-

- a) Marks under each parameter will be awarded by the committee but will not be disclosed to the applicant. **Minimum qualifying marks are 80 shall be obtained out of total 100 marks.** The applicant securing less than the qualifying marks will not be considered for further evaluation process.
- b) During evaluation and comparison of bids, the Bank may, at its discretion ask the vendors for clarification of its bid. The request for clarification shall be in writing. No post bid clarification at the initiative of the vendor shall be entertained.
- c) **Only the short-listed applicants i.e. who fulfilled the eligibility criteria and other terms and conditions would then be invited by the Bank to make a presentation and demonstration of their equipment and their methodology.**