

NIT ID: AMR 20241202
Date: 18.12.2024



STATE BANK OF INDIA, AMARAVATI, CIRCLE

INVITES

E- TENDER (REVERSE AUCTION)

FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING

AND MAINTENANCE OF SMOKE DETECTION & FIRE

ALARM SYSTEM AT BRANCHES /OFFICES

IN THE STATE OF ANDHRA PRADESH

& YANAM UNION TERRITORY

FROM THE BANK'S EMPANELLED

CONTRACTORS

Note: Firms should possess valid digital signature for E- tender

Last date for submission of Tender: 11:00 AM (IST) on 02.01.2025

Opening of indicative price: 3:30 PM (IST) on 02.01.2025

Online E-reverse auction: 3.30 PM on 03.01.2025

The Assistant General Manager (P&E)

State Bank of India

Premises & Estate Department

2nd Floor, SBI Amaravati LHO

Gun foundry building, Abids

Hyderabad- 500001

Ph no. 040- 23387234

Notice Inviting tender

E- Tender (Reverse auction) for SITC Smoke Detection & Fire Alarm System and Maintenance work

1.	Name of Work	Supply, Installation, testing & commissioning of new Smoke Detection & Fire Alarm System (As and when required) and maintenance of existing fire alarm system at SBI branches/offices of Amaravati Circle
2.	Eligibility of the Contractor	Empanelled Contractor of Smoke Detection & Fire Alarm System with SBI, Amaravati Circle
3.	Time of Completion	Two (2) weeks from the placement of work order
4.	Warranty	One year from the date of supply, installation, testing & commissioning of the smoke detection & fire alarm system
5.	Earnest Money Deposit	NIL
6.	Mode of submission of tender document	Indicative prices shall be received through only online price bid option in e-tender portal
7.	Availability of tender document	From 18.12.2024 to 02.01.2025
8.	Last date and time for submission of online e-tender.	02.01.2025 before 11.00 AM at "https://etender.sbi"
9.	Date and Time of opening of e-Tenders (Indicative price)	Date: 02.01.2025 at 3.30 PM.
10.	E-Tendering (online reverse auction) will be conducted by our approved E-Tendering consultant	M/s e-procurement Technologies Limited, Ahmadabad, E-tendering guidelines may be obtained from Abhik Pramanik, Cell: 7859800609/9081000427 E-Mail: abhik.p@eptl.in Contact Hours; (Monday-Friday: 10.00AM-7.00 PM (IST), Saturday: 10 AM-6.00 PM (IST)) (Exclusion: Sunday, Holidays and 2 nd & 4 th Saturday)
11.	Date and time of online reverse auction	On next day at 3.30 PM on 03/01/2025.
12.	Tender Validity	90 days
13.	Validity of Rate contract	One year from the date of acceptance of the rates by the bank subject to review of performance after one year. It can be renewed for one more year subject to satisfactory performance report from the user department.

14	Date of availability of tender documents on bank's website/e-tender portal	From 18.12.2024 to 02.01.2025 up to 11.00 PM Bank's website: https://sbi.co.in/en/web/sbi-in-the-news/procurement-news and e-Tender Portal: https://etender.sbi/SBI/
15.	Details of Payment	i) No advance is payable. Payment will be 100% after supply, installation, testing and commissioning of Smoke Detection & Fire Alarm System.
16.	Liquidity Damage	0.5% of the total contract amount per week beyond the stipulated time for completion, subject to maximum of 5% of the contract value.
17.	Security Deposit	5% of the contract value to be deposited by the contractor after awarding of work. 2.5 % to be deducted liquidity damage from the security deposit.
18.	Release of retention amount (Security Deposit)	After completion of defect liability period of one year.
19.	Pre-bid meeting & demonstration of equipment.	27.12.2024 at 3.00 PM and demonstration of equipment at 11.00 on same day i.e. 27.12.2024 at SBI, LHO, Gunfoundry, Hyderabad

20. Distribution of Work:

No of Bids	No of Bids (12)	No of Bids (11)	No of Bids (10)	No of Bids (9)	No of Bids (8)	No of Bids (7)	No of Bids (6)	No of Bids (5)	No of Bids (4)	No of Bids (3)	No of Bids (2)
L1	6 (18%)	7 (20%)	8 (20%)	9 (25%)	10 (30%)	10 (30%)	10 (30%)	14 (40%)	14 (40%)	17 (50%)	24 (70%)
L2	3 (12%)	4 (12%)	5 (15%)	5 (15%)	7 (20%)	7 (20%)	7 (20%)	7 (20%)	10 (30%)	10 (30%)	10 (30%)
L3	3 (9%)	3 (10%)	3 (10%)	5 (15%)	5 (15%)	5 (15%)	7 (20%)	7 (20%)	7 (20%)	7 (20%)	
L4	3 (9%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	5 (15%)	4 (10%)	3 (10%)	3 (10%)		
L5	3 (9%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)			
L6	3 (9%)	3 (9%)	3 (10%)	3 (10%)	2 (5%)	2 (5%)	3 (10%)				
L7	3 (9%)	3 (9%)	3 (10%)	2 (5%)	2 (5%)	2 (5%)					
L8	2 (5%)	2 (5%)	2 (5%)	2 (5%)	2 (5%)						

L9	2 (5%)	2 (5%)	2 (5%)	2 (5%)							
L10	2 (5%)	2 (5%)	2 (5%)								
L11	2 (5%)	2 (5%)									
L12	2 (5%)										
	<p>The allotment/distribution of works (RBOs wise) to vendors will be at the sole discretion of the bank, subject to matching the L1 rates by the L2, L3, L4, L5, L6, L7 & up to L12 vendors etc. L1 will be arrived after summation of all items. The rate of individual items of L1 rate to be distributed on percentage basis after reverse auction.</p> <p>Branches/offices per RBO will be approximately 40 to 45.</p> <p>Successful bidders (i.e., L-1, L -2, L-3, L-4, L-5, L-6, L-7 and up to L-12 must enter in to agreement with SBI on a stamp paper.</p>										
21	In case the date of online tendering is declared as a holiday, the online tendering will be conducted on the next working day at the same time										
22	Bank reserves the right to accept or to reject or split the work any or all the tenders without assigning any reason whatsoever										
23	For any clarification regarding E-Tendering procedure, System requirements etc please contact M/s E-Procurement Technologies limited, Ahmedabad, whose address mentioned in the NIT.										
24	It is company's responsibility to be well prepared and be ready with E-Tendering (Reverse auction) procedures & well equipped with all requirements. Bank will not take any responsibility for slow internet connectivity, system failures etc										
25	Tenders are to be uploaded directly to M/s e-procurement Technologies Limited. For details please contact E-mail: nandan.v@eptl.in										

Brief procedure for online tender:

1. Download the tender document from our Website <https://etender.sbi>.
2. The date and time off the e tender will be communicated. **The company which qualifying in technical bids will be called for e-reverse auction.**
3. The start price, decrement values will be announced before the reverse auction.
4. If the e-tender could not be conducted on same day due to some reason, the e tender will be conducted next days.

Place:

Date:

Signature of the Vendor with seal

Installation of Smoke Detection & Fire Alarm System

(Indicative Price)

Sr No.	Items	Quantity	Unit rate in Rs(excluding GST)	Total Amount(excluding GST)
1	Supply, installation, testing & commissioning (SITC) of Fire Control Panel 2 Zone as per IS: 2189-2010 (Latest amendment)	1		
2	SITC of Fire Control Panel 4 Zone as per IS: 2189-2010 latest amendment	1		
3	SITC of Optical Smoke detector with base Make:Apollo 65 series/Edward/Hochiki	10		
4	SITC of Multi Sensor detector with base Apollo 65 series/Edward/Hochiki	1		
5	SITC of Heat detector with base Apollo 65 series/Edward/Hochiki	1		
6	SITC of Electronic Hooters 4 watts for internal inside the branch as per IS: 2189-2010 Make: Speaker Philips/Ahuja	1		
7	SITC of Electronic Hooters 6 watts for external outside the branch as per IS: 2189-2010 Make: Speaker Philips/Ahuja	1		
8	SITC of Manual call point as per IS: 2189-2010	1		
9	SITC of Response indicator as per IS: 2189-2010	1		
10	SITC of Autodialer 1 set landline BSNL (PSTN) based	1 set		
11	SITC of Autodialer 1 set GSM based	1 set		

12	SITC of SIM card for GSM autodialer for one year	Lumpsum		
13	SITC of Armoured cable copper conductor 2x 1.5 square mm Finolex/Havels/Poly cab/ R.R cable	200 meter		
14	a) 3A SP MCB of Legrand b) 3A SP MCB of siemens	1 1		
15	Annual Maintenance Contract charges for four (4) quarterly visits for Smoke detection & fire alarm system (new & existing). The maintenance of new system will start after one-year warranty period.	Lumpsum		
16	Total (Excluding GST)			

Note; The quantity given is indicative. This has been taken into consideration to arrive L1 (Indicative price).

Place:

Date:

Authorized signature of Company with stamp

SMOKE DETECTION & FIRE ALARM SYSTEM

TECHNICAL SPECIFICATIONS /CONFIGURATION FOR PANEL

1 MAIN CONTROL PANEL	
a) Primary Function	The primary function of the control panel shall be 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	2 and 4 zone Microprocessor based control panel as per IS; 2189-2010 specifications or latest amendment of code. 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 changeover arrangements to standby supply built-in battery charger, low battery, charger fail, reverse polarity, AC/DC fail visual indicators
	Built-in panel sounder with Acknowledge switch, lamp test and reset switches, evacuation alarms.
	Zone indicators for Fire, Open, Short, Isolate and test Facility
	On fault i.e., open/short condition, buzzer must sound and indicator lamps (LED) glow. This audible should be distinct from the fire Alarm.
	Built in Digital ammeter, digital voltmeter
	On activation, system should produce wailing sound from the hooter and the internal buzzer and the respective zone indicator (LED) should glow intermittently. As soon as Acknowledge switch is operated, the hooter must stop. However, the internal buzzer must emit continuous sound and the zone indicator should glow continuously. The panel must have the facility for isolation of individual zone.
d) Power Supply	The fire panel shall operate from a 230v+/- 10% 50 Hz mains supply and in case of power failure shall automatically switch over to standby

e) Power Consumption	arrangement of UPS/battery with a switch over time of less than 100 microsecond. Less than 200 mA idle current and 1-2 Amps on full activation
f) AC Voltage at input	Single phase 50 Hz, 150-260 V. Auto cut-off protections for over and under current/voltage
g) DC voltage for system	24 volts
h) Type of indicator lamps	LED (different colors)
i) Body	
a) Type	Wall mounting, plug in Modular type
b) Overall dimensions	Suitable size to accommodate 4 zones, other control components.
c) Thickness of body and colour	16 SWG, Powder coating
d) Opening of the body/panel	Suitable locking arrangement through Key/Allen screws
e) Cable glands	Cable glands should be provided.
j) Additional facilities: it should have the following additional facilities/provision:	
i)Autodialer should not be integrated with the Main Control Panel	Should have capacity to register at least 4 to 6 telephone numbers
ii) Provision of relay in main control panel	To cut off Air- conditioner main supply in case of fire
2. MANUAL CALL POINT:	
a) Make as per BIS	Asper IS 2189-2008 with hammer 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	Glass of 2 mm thickness
e) Contact making breaking	Breaking for alarm
f) Dimension	100mmx 100mm
g) Size of fragile element	70mmx 70mm
h) Type of indicator lamp	LED
3. ELECTRONIC HOOTER/ SOUNDER	
Make	As per IS 2189-2010
a) Watt/capacity	6 watts (dual tone) of min 65 to 85 db out put
b) Type of sound emitted	Intermittent/Dual
c) Material of the body	Fabricated from either spun aluminum or molded PVC

4. RESPONSE INDICATOR	
a) Make	As per IS 2189-2010 or equivalent as per prevalent trade and practice, acceptable to the Bank.

b) Type of Indicator lamps	Dual LED
b) Material of the body	Fabricated from either spun aluminum or molded PVC or MS 16 SWG

5. CABLES	
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5.1 a) Make	Finolex / RR cable / Polycab
c) Specification	IS: 1554 (part-I)-1976
d) Type	2 core, 1.5 sq.mm armoured Cable
5.2 a) Make	Finolex / RR cable / Polycab
b) Specification	As per IS specifications (with ISI mark only)
d) Type	Dia ¾ inch, 1 inch, thickness 1.5 mm

6. DETECTOR:	
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i) OPTICAL SMOKE DETECTOR:	
a) Operation Principle	Light scattering or obscuration (Apollo 65 and its equivalent other makes as listed below).
b) Make	Apollo series 65/ Edward/ Hochiki
c) Specification	IS-11360/UL/BS/FM/LPCB
d) Type of indicator lamp	LED
e) Compatible to work with	Heat and Multi sensor
ii) Multi Sensor Detector	
a) operation Principle	Light scattering & rate of rise cum fixed temperature
b) Make	Apollo series 65/ Edward/ Hochiki
c) Specification	IS-11360/UL/BS/FM/LPCB
d) Type of indicator lamp	LED
e) Compatible to work with	Optical smoke detector & heat detector
iii) Heat detector	
a) Operation principle	Rate of rise cum fixed temperature type
b) Make	Apollo series 65/ Edward/ Hochiki
c) Specification	IS-11360/UL/BS/FM/LPCB
d) Type of indicator lamp	LED
e) Compatible to work with	Optical smoke detector and Multi sensor detector

Terms & Conditions

The quoted rates are of new supply, installation, testing & commissioning of Smoke Detection & Fire Alarm System and Annual Maintenance Contract (AMC) are inclusive of T.A/D.A. No extra amount to be paid.

- 1 The rates will be valid for one year. However, the rate can be renewed further one year subject to satisfactory performance.
- 2 Rates of items of detection and fire alarm cannot be increased during the validity of the tender documents for any reasons.
- 3 Technician visiting the branches should carry photo identity card and authority letter to carry out the installation/servicing work.
- 4 The technician attending to the installation of fire detection system will sign and hand over completion performance certificate to the Branch Manager indicating the date of installation/servicing and next due date of servicing.
- 5 All statutory deductions such as income tax, work contract tax, service tax etc, as per Government rules will be deducted from the payment payable to the contractor.
- 6 The lodging of complaints regarding working condition of Smoke detection & fire alarm System will be made through phone, SMS, WhatsApp and through official e-mail.
- 7 The company technicians must ensure to restore the normalcy on breakdown call within 3 to 4 hours in working days within city and local branches and 24 to 48 hours for outstation branches/offices during warranty period.
- 8 **Payment:** No advance payments will be made. The Payments will be made after satisfactory completion of supply installation, testing & commissioning of the Smoke detection & Fire Alarm System after receipt of the report, in the presence of Bank Official.
- 9 TDS will be deducted as per IT guidelines.
- 12 **Liquidity Damage:** 0.5% of the total contract amount per week beyond the date of completion, subject to maximum of 5% of the contract value.
- 13 All disputes shall be settled through at the courts in Vijayawada only.
- 14 Bank will not be responsible for any injury, death of personal engaged by the Company, while working at Bank's premises. Company have to take insurance policy of their technicians who carry out the work. Company will be liable solely compensation for the persons for injury or death as per Government guidelines
15. The bank reserves the right to terminate the contract without assigning any reason. I /we have read and agree to all the terms and conditions.

Date:
Place:

Authorized Signature with stamp

Annual Maintenance Contract (AMC)

Annual maintenance contract of Smoke Detection & Fire Alarm System to be carried out as per IS 2189: 2010 (Latest amendment) after completion of warranty period of the new fire alarm system and also the existing fire alarm system at the branches/offices of Amaravati Circle.

Scope of Work: Quarterly (Once in three months) i.e. four visits in a year.

i)Checking, cleaning (by blower), preventive maintenance and testing of all components such a Detectors, Hooters, Manual call points, On/Off switch, Silence, Isolate, Test & Reset button on the control panel of the system for its serviceability and healthiness.

ii) The technician to check visually to all the detectors to ensure that detectors are blinking and functional.

ii) Testing of autodialer, reprogramming i.e. feeding of telephone numbers in consultation with Branch Managers wherever required to be done.

iv)During each visit representative of the firm will give training to the staff members in operation and preventive maintenance of the system. Demonstration to be carried out by giving smoke into the detectors followed by fire alarm to be recorded in the Security register.

v) Replacement of minor parts such as fuses, switches, small electronic item like resisters, capacitors, glass of MCP, LED etc. will be under the scope of AMC.

vi) The system should be functional round the clock.

vii) Apart from the above quarterly visits all complaints/ breakdown calls will have to be attended by skilled technicians within 3 to 4 hours in working days and 4/6 hours on Sunday/holidays in city/ local branches and 24-48 hours for outstation branches.

viii) The Company shall submit the detailed report of functional test (Hard copy) of Smoke Detection & Fire Alarm System at the end of every quarter duly signed by the authorized person within week before submission of the bill at the branches/ offices. Payments will not be made if the above said conditions are not complied with.

Date:

Place:

Authorized Signature with stamp

