



STATE BANK OF INDIA, AMARAVATI, CIRCLE

INVITES

E- TENDER (REVERSE AUCTION)

FOR SUPPLY, INSTALLATION, AND MAINTENANCE OF FIRE

EXTINGUISHER 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: 3:00 PM (IST) on 06.02.2025

Opening of indicative price: 3:30 PM (IST) on 06.02.2025

Online E-reverse auction: 3.30 PM on 07.02.2025

The Assistant General Manager (P&E)

State Bank of India

Premises & Estate Department

2<sup>nd</sup> Floor, SBI Amaravati LHO

Gun foundry building, Abids

Hyderabad- 500001

Ph no. 040- 23387234

## Notice Inviting Tender

### E-Tender (Reverse auction) for Fire Extinguisher

1.	Name of Work	Supply, Installation of New Fire extinguishers (as and when required) and maintenance of existing fire extinguishers at SBI branches/offices of Amaravati Circle- E- tender
2.	Eligibility of the Contractor	Empanelled Contractor for fire extinguisher with SBI, Amaravati Circle
3.	Time of Completion	Two (2) weeks from the placement of purchase order
4.	warranty	One year from the date of supply of the new fire extinguisher
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 23.01.2025 at 10.00 AM to 06.02.2025 at 3.00 PM
8.	Last date and time for submission of online e-tender (E-reverse auction).	06.02.2025 by 3.00 PM at "https://etender.sbi"
9.	Date and Time of opening of e-Tenders (Indicative price)	Date: 06.02.2025 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 <sup>nd</sup> & 4 <sup>th</sup> Saturday)
11.	Date and time of reverse auction.	On next day at 3.30 PM on 07/02/2025.
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.
14.	Date of availability of tender documents on bank's website/e-tender portal	From 23.01.2025 to 06.02.2025 up to 3.00 PM

		Bank's website: <a href="https://sbi.co.in/en/web/sbi-in-the-news/procurement-news">https://sbi.co.in/en/web/sbi-in-the-news/procurement-news</a> and e-Tender Portal: <a href="https://etender.sbi/SBI/">https://etender.sbi/SBI/</a>										
15.	Details of Payment	i) No advance is payable. Payment will be 100% after supply, installation of New fire extinguisher and for maintenance after receiving quarterly service report duly signed by Branch Manager with seal.										
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 fire extinguishers	Prebid meeting 31.01.2025 at 3.00PM and demonstration at 11.00 am on same day i.e. 31.01.2025 at SBI, LHO, Gunfoundry, Hyderabad										
20	Distribution of Work:											
	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>	<b>No of Bids</b>
	<b>(12)</b>	<b>(11)</b>	<b>(10)</b>	<b>(9)</b>	<b>(8)</b>	<b>(7)</b>	<b>(6)</b>	<b>(5)</b>	<b>(4)</b>	<b>(3)</b>	<b>(2)</b>	<b>(1)</b>
<b>L1</b>	6 (18%)	7 (20%)	8 (20%)	9 (25%)	10 (30%)	10 (30%)	10 (30%)	14 (40%)	14 (40%)	17 (50%)	24 (70%)	
<b>L2</b>	4 (12%)	4 (12%)	5 (15%)	5 (15%)	7 (20%)	7 (20%)	7 (20%)	7 (20%)	10 (30%)	10 (30%)	10 (30%)	
<b>L3</b>	3 (9%)	3 (10%)	3 (10%)	5 (15%)	5 (15%)	5 (15%)	7 (20%)	7 (20%)	7 (20%)	7 (20%)		
<b>L4</b>	3 (9%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	5 (15%)	4 (10%)	3 (10%)	3 (10%)			
<b>L5</b>	3 (9%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)	3 (10%)				
<b>L6</b>	3 (9%)	3 (9%)	3 (10%)	3 (10%)	2 (5%)	2 (5%)	3 (10%)					
<b>L7</b>	2 (6%)	3 (9%)	3 (10%)	2 (5%)	2 (5%)	2 (5%)						
<b>L8</b>	2 (6%)	2 (5%)	2 (5%)	2 (5%)	2 (5%)							

<b>L9</b>	2 (6%)	2 (5%)	2 (5%)	2 (5%)								
<b>L10</b>	2 (6%)	2 (5%)	2 (5%)									
<b>L11</b>	2 (6%)	2 (5%)										
<b>L12</b>	2 (4%)											
<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 &amp; 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. Branches/offices per RBO will be approximately 40 to 45. Successful bidders (i.e., L-1, L -2, L-3, L-4, L-5, L-6, L-7 and L-12 must enter into <b>agreement</b> with SBI on a stamp paper.</p>												

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.

Bank reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.

For any clarification regarding E-Tendering procedure, System requirements etc please contact M/s E-Procurement Technologies limited, Ahmadabad, whose address mentioned in the NIT.

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.

Tenders are to be uploaded directly to M/s e-procurement Technologies Limited. For details please contact E-mail: [nandan.v@eptl.in](mailto: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. The indicative price bids will be obtained before the e-reverse auction.
3. The start price, decrement values will be announced before the e- reverse auction.

Place:

Date:

signature of the vendor with seal

## **CATEGORY – FIRE EXTINGUISHER**

### **Technical Specification**

#### 1. Water 9 liter squeeze grip type fire extinguisher:

ISI mark	IS: 15683-2018 (Latest Amendment)
Capacity	9 Liters
Certification Mark	ISI MARK (B.I.S)
Fire Rating	3A (or Latest)
Operating Temp.	+5 degree C - + 60 degree C
Body	1.5 MM thick mild steel
Valve	Brass
Handle	Mild steel pipe
Plunger	Brass
Washer ('o' ring)	Rubber
Co2 gas cartridge	Mild steel, IS: 4947
Cartridge holder	Brass
Spring	Steel
Syphon tube out let	PVC
Piercer	Stainless steel
Nozzle and discharge	PVC nozzle & M.S. discharge fitting
Hose	Wire braided PVC Hose 600 mm Length having bursting pressure 50 kgf/cm <sup>2</sup>
Anticorrosive treatment	a) Shot blasting b) Epoxy powder coating side & outside
Painting	P.O red as per IS: 5
Empty weight	5.2 kgs
Full weight	14.2 kgs
Body dia	185+- 5 mm
Filler opening	63 mm
Overall height	600+-10 mm
Hydraulic test	36 kgf/cm <sup>2</sup>
Working pressure	15 kgf/cm <sup>2</sup>
Bursting test	55 kgf/cm <sup>2</sup>
Throw of jet	2 meter for 13 sec. min
Percentage of discharge	90% Minimum within 100 seconds

Technical Specification:

#### 2. Dry Chemical Powder (ABC) 4/6 Kg squeeze grip type fire extinguisher:

ISI Mark	15683 -2018 (Latest Amendment)
Capacity	4/6 kg
Certification mark	ISI mark (B.I.S)
Fire Rating	3A, 55 B for 4Kg & 4A,55B for 6kg (or latest amendment)

Operating temp	-30 degree C --+ 60 degree C
Body	1.5 mm thick mild steel
Valve	Brass
Handle	Mild steel ( Upper & lower for squeezing)
Plunger	Brass
Spring	Steel
Syphon tube out let	PVC
Syphon tube in let	Aluminum
Neck ring	Mild steel pipe
Check nut	Brass
Washer (o ring)	Rubber
Co2 gas cartridge	Mild Steel, IS: 4947
Cartridge holder	Brass
Piercer	Stainless steel
Charge	Dry Chemical Powder 40% as per IS: 4308 (Mono Ammonium Phosphate)
Nozzle and discharge fittings	M.S.nozzle & M.S.discharge fitting
Hose	Wire braided PVC Hose 500 mm length having bursting pressure 50 kgf/cm <sup>2</sup>
Anticorrosive treatment	a) Shot blasting b) Epoxy powder coating side & outside
Painting	P.O red as per IS: 5
Empty weight	3.2 kg & 4.2 kgs (4/6kg)
Full weight	7.2 kg & 10.2 kgs (4/6kg)
Body dia	160+- 10mm
Filler opening	63 mm
Overall height	510+- 10mm
Hydraulic test	36 kgf/cm <sup>2</sup>
Working pressure	15 kgf/cm <sup>2</sup>
Bursting test	55 kgf/cm <sup>2</sup>
Throw of jet	2 meter for 15 sec. min
Percentage of discharge	90% Minimum within 25 seconds

### Technical Specification

#### 3. Carbon dioxide 2 kg, 3 kg & 4.5 kg fire extinguisher:

BIS Certification	15683-2018 (Latest Amendment)
capacity	2kg, 3kg & 4.5 kgs
Certification mark	ISI mark (B.I.S)
Operating temp.	-30degree C--+ 60degree C
Fire rating	21B, 34B, 34 B (or latest amendment)
body	Seamless pipe conforming to IS: 7285, ISI marked

Discharge valve	Wheel type conforming to IS: 3224 ISI marked
Syphone tube	Aluminum conforming to IS: 733
Discharge horn	Non conductor of electricity like polythene fiber glass
CO2 gas	As per IS: 15222
Hose	Braided rubber hose having 180 kgf/cm <sup>2</sup> working pressure 1-meter length for 4.5 kg co <sub>2</sub> gas
painting	P.O red conforming to IS: 5, shade no. 538
Body dia	140 mm
Overall height	710+- 10mm
Test pressure of body	250 kgf/cm <sup>2</sup>
discharge	Not less than 95% within 25 seconds
Minimum Discharge time & through of Jet	8 seconds meter MIN.

#### Technical Specification

4. Carbon dioxide 6.5 kg, Rating 55B, fire extinguisher trolley mounted specification & all accessories as per IS:16018

#### Technical Specification:

5. Dry Chemical Powder (ABC) 2 kg fire extinguisher specification & all accessories as per IS:15683-2018.

#### Technical specifications:

6. ABC type 5 kg automatic modular fire extinguisher:

Extinguishing Agent	Powder Mono Ammonium Phosphate 5 kg
Propellant	Nitrogen
Container	Mild steel body, not less than 2 mm CRC sheet, MIG welded.
Operational temperature in degree Celsius	57 to 107
Working pressure	7-15 kgs/cm <sup>2</sup>
Testing pressure	35 kgs/cm <sup>2</sup>
Area protection	3.5 to 4 m <sup>2</sup>
Volume protected	8m <sup>3</sup>
Hanging vertically above risk in meter	1.5-2m
Operational time in sec	10-15
Discharge	99% in 10-15 sec
Pressure gauge	7 kg/cm <sup>2</sup>

**CATEGORY – FIRE EXTINGUISHER**

**LIST OF ITEMS**

Sr No.	Item	Quantity	Rate per unit (Basic rate inclusive of Delivery+Installation charges exclusive of GST	Total Amount
1	<b>New</b> water CO2 squeeze Grip (cartridge type) 9 liters capacity fire extinguisher with all accessories as per IS: 15683-2018	10		
2	<b>New</b> Dry chemical powder DCP (ABC)- (store pressure) type- <b>2 kg</b> capacity fire extinguishers with all accessories as per IS: 15683-2018	1		
3	<b>New</b> DCP (ABC) squeeze Grip cartridge type type <b>4 kg</b> capacity fire extinguishers with all accessories as per IS: 15683-2018	10		
4	New DCP (ABC) squeeze Grip cartridge type type <b>6 kg</b> capacity fire extinguishers with all accessories as per IS: 15683-2018	05		
5	<b>ABC type Automatic</b> Modular fire extinguisher of 5 kg capacity with all accessories of rigid fitting/fixing in ceiling with standard material of MS nuts & bolts	10		
	<b>New</b> carbon dioxide type <b>2 kg</b> fire extinguisher	10		



6	with all accessories as per IS: 15683-2018			
7	<b>New</b> carbon dioxide type <b>3 kg</b> fire extinguisher with all accessories as per IS: 15683-2018	25		
8	<b>New</b> carbon dioxide type <b>4.5 kg</b> fire extinguisher with all accessories as per IS: 15683-2018	5		
9	<b>New</b> carbon dioxide type <b>6.5 kg</b> fire extinguishers trolley mounted with all accessories as per IS: 16018	5		
10	<p><b>Gas Cartridge:</b></p> <p>a) Cost of new gas cartridge 60 gms of Water CO2 9 liter</p> <p>b) Cost of new gas cartridge 90 gms for DCP (ABC) 4 kg</p> <p>c) Cost of new gas cartridge 120gms for DCP (ABC) 6 kg</p>	<p>a) 1</p> <p>b) 1</p> <p>c) 1</p>		
11	<p><b>DRY POWDER (ABC):</b></p> <p>a) Cost of dry powder mono ammonium phosphate <b>4 kg</b> sealed packed (ISI mark) IS; 4308</p> <p>b) Cost of dry powder mono ammonium phosphate <b>6 kg</b> sealed packed (ISI mark) IS: 4308</p>	<p>a) 1</p> <p>b) 1</p>		

	c)Cost of dry powder mono ammonium phosphate <b>2 kg</b> sealed packed (ISI mark)-IS: 4308	c) 1		
	d)Cost of Dry chemical powder (BC) <b>5 kg</b> sealed packed (ISI mark)- IS:4308	d) 1		
	<b>Refilling Charges</b>			
12	Refilling water CO2 squeeze grip (cartridge type) 9 lts. Capacity	10		
13	Refilling Dry chemical powder (DCP) ABC-store pressure squeeze grip 2 kg Capacity	10		
14	Refilling DCP (ABC) squeeze Grip (cartridge type) 4 kg Capacity	10		
15	Refilling DCP (ABC) squeeze Grip (cartridge type) 6 kg Capacity	5		
16	Refilling Carbon Dioxide type 2 kg capacity	10		
17	Refilling Carbon Dioxide type 3 kg capacity	20		
18	Refilling Carbon Dioxide type 4.5 kg capacity	5		
19	Refilling Carbon Dioxide type 6.5 kg capacity	5		
20	Refilling of Gas cartridge:  a)Cost of refilling of gas cartridge of water type 9 liter	a) 10		

	b) Cost of refilling of gas cartridge 4 kg DCP (ABC) c) Cost of refilling of gas cartridge 6 kg DCP (ABC)	b) 5  c) 2		
	<b>Hydraulic Pressure Testing charges</b>			
21	Cylinder of water type 9 liters capacity	1		
22	Cylinder of DCP (ABC) 4 kg capacity	1		
23	Cylinder of DCP (ABC) 6 kg capacity	1		
	<b>Accessories</b>			
24	Discharge Horn for CO2 – 2/3 kg capacity	1		
25	Discharge bend hose for CO2-2/3 kg capacity	1		
26	Discharge horn for CO2 4.5 kg capacity	1		
27	High pressure rubber tube ISI mark for CO2 – 4.5 kg capacity	1		
28	Safety clip pin for CO2 for 2,3 & 4.5 kg	1		
29	Anticorrosive powder per water type fire extinguishers	1		
30	Painting & labelling of old fire extinguishers	1		
31	Floor Stand of Mild steel with red paint more than dia of extinguisher to accommodate fire extinguishers	1		
	<b>Servicing &amp; Cleaning</b>			
31	Servicing of portable fire extinguishers as per IS: 2190-2014 per branch (yearly once)			

	a) Up to 5 nos	a) 50		
	b) Up to 10 nos	b) 20		
	c) Above 10 nos	c) 10		
	Grand Total -Rs (basic rate+delivery+installation charges exclusive of GST			

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

Date:

Place:

Authorized signature of the Company with seal

## **Maintenance of Fire Extinguisher**

Maintenance of fire extinguisher should be carried out as per the relevant Indian standard i.e IS: 2190-2014 (latest revision). Refilling schedule with due date of fire extinguishers to be marked on Cylinder. Servicing schedule to be mark on the cylinder separately to avoid of mixing of refilling date and service date.

1 Water Type 9 liter capacity fire extinguishers:

i) Refill once in three (3) years.

ii) Hydraulic test to be carried out once in three (3) years.

iii) Do visual inspection of fire extinguisher for any damages to its body or other parts. Get it checked hydraulic test, if fail, needs replacement.

iv) If fire extinguisher found not suitable for further use (as per IS: 2190-2014), should not be refilled and handed over to Branch Manager.

v) Fill with fresh water for refilling and use anti corrosive powder into the water.

vi) Weight the cartridge, if found gas less than 10% of the total gas, it requires refilling. Any corrosion noticed, especially in water type, get tested, if need replace the cartridge.

vi) Check the metallic cap, nozzle, washer, safety pin etc for its proper working and ensure metallic cap are in tight position.

vii) Servicing, cleaning as per code of practice.

viii) Put refilling tag on extinguisher with next due for refilling.

2 Dry Chemical Powder (ABC type) for all capacity extinguishers

i) Refill once in three (3) years.

ii) Hydraulic testing of the cylinder once in three years (3)

iii) Check, if found caking of the powder, replace by new sealed dry chemical powder (ABC).

iv) Weight the gas cartridge found the gas less than 10% of the weight of the total gas, cartridge to be sent for recharge.

v) Check the metallic cap, hose pipe, nozzle, washer, safety pin etc. for its proper functioning and ensure that metallic cap is in tight position.

vi) Servicing & cleaning as per code of practice

vii) Put refilling tag on extinguisher with next due for refilling.

3 Carbon- Dioxide types all capacity fire extinguishers:

i) Refilling once in five ( 5) years.

ii) Hydraulic test once inf five (5) years or at the time of refilling.

iii) If the weight of the gas 10% less in the total gas, the cylinder should be sent for recharging. These extinguishers to be demonstrated to the staff before taking for refilling. Vendor will be responsible for hydraulic pressure testing.

- iv) Checking metallic cap, safety pin, horn, bend, rubber tube, etc. for proper working. In no case cylinder to be used without discharge horn/rubber tube.
- v) Servicing and cleaning etc. as per code of practice.
- vi) Put refilling tag on extinguisher with next due for refilling.

### **Terms & Conditions**

1 The quoted rates of new fire extinguishers or Annual maintenance contract of Fire extinguishers should be inclusive of T.A/D.A. No extra amount to be paid.

2 No of visit per year one (1). (one visit per annum)

3 The rates will be valid for one year. However, rates and renewal of AMC shall be extended for another one year subject to performance review after one year.

4 Annual service report to be submitted to the respective branches/regional offices/zonal offices.

5 Technician visiting the branches should carry photo identity card and authority letter to carry out the servicing.

6 The technician attending to the fire equipment will sign and hang a job card on the equipment indicating the date of servicing and next due date of servicing.

7 The company has to provide cleaning material etc. to carry out maintenance work.

8 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.

9 The lodging of complaints regarding working condition of Fire extinguisher will be made through phone, SMS, WhatsApp and through official e-mail.

10 The company technicians must ensure to attend emergency call within 3 to 4 hours in working days within city and local branches and 24 to 48 hours for outstation branches/offices.

11 Payment: No advance payments will be made. The annual payments will be made after satisfactory completion of preventive maintenance & servicing of Fire extinguisher before due date after receipt of the report, in the presence of Bank Official.

12 TDS will be deducted as per IT guidelines.

13 Penalty: Penalty will be imposed if the company fails to attend the AMC work or emergency calls. 0.5% of the total contract amount per week beyond the date of supply & installation, subject to maximum of 5% of the contract value.

14 All disputes shall be settled through at the courts in VIJAYAWADA only.

15 Bank will not be responsible for any injury, death of personal engaged by the Company, while working at Bank's premises. Company must take insurance policy of their technicians who carry out the maintenance work. Company will be liable solely compensation for the persons for injury or death as per Government guidelines.

16 The bank reserves the right to terminate the contract any time without assigning any reason.

Date:

Place: Authorized signature of the Company with seal