



TENDER ID : LHO/BHO/P&E/2024-25/38

DATE: 16.07.2024

**EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF AGENCIES / FIRMS /
COMPANIES FOR SUPPLY, INSTALLATION, TESTING, MAINTENANCE OF FIRE
EXTINGUISHERS OF BANK BRANCHES/PREMISES LOCATED UNDER BHOPAL CIRCLE**

TO BE SUBMITTED

ON OR BEFORE 1500 HRS ON 05.08.2024

ADDRESS FOR COMMUNICATION

**Asst. General Manager (P & E),
State Bank of India,
Premises & Estate Department, Local Head Office,
Bhopal, Opposite Maida Mill, Narmadapuram Road, Bhopal- 462011**



State Bank of India, Local Head Office, Bhopal, hereinafter referred to as “Bank”, invites Expression of Interest (EOI) from the reputed firms for its Branches/Offices under the control of LHO, Bhopal and located in the State of Madhya Pradesh and Chhattisgarh for supply, installation, commissioning, maintenance/servicing and repair of **FIRE EXTINGUISHERS**. The proposed empanelment exercise is meant for enlisting qualified and competent vendors for following:

- i. Acceptance for executing Annual Maintenance Contract (AMC) in respect of existing **FIRE EXTINGUISHERS** already installed in Branches would be a mandatory condition.
- ii. To undertake fresh installation where warranted, as per new specifications laid down by the Bank for future requirements.

2. Empanelment of vendor for the purpose will be for a period of three years and can be extended for another 2 years as per Bank’s discretion. The performance of the contractor should review periodically for determining their continuation or removal from the panel during this period. Bank shall reserve the right to cancel the panel of vendors, or any individual vendor on account of unsatisfactory performance or go in for fresh empanelment or extend the period of validity of empanelment at its discretion and it shall be binding upon all the vendors who are empanelled through this exercise. Those firms/agency/manufacturers who are presently on the Bank’s panel either permanent or temporary are also required to apply fresh.

3. Applicants having experience with similar work and who fulfill the following eligibility criteria need to apply with covering letter as per **Annexure –‘A’**, Application form for EOI as per **Annexure-‘B’**, to the,

**Asst. General Manager (P & E),
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Premises & Estate Department, Local Head Office,
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4. Eligibility Criteria:

4.1 Financial:

- i) Average Annual Turnover of Rs. 30 Lacs for the last three consecutive years ending 31st March 2023 by virtue of audited Balance sheet in the same field of business of installation and maintenance of **FIRE EXTINGUISHERS** and should also be presently in same business. CA certificate mentioning the turnover of last three financial years ending 31.03.2023 should be submitted.
- ii) The applicant must have sound financial capacity / credit worthiness to be supported by a Solvency Certificate of Rs.10 Lacs issued not more than 3 month from the last date of submission of application.

4.2 Work Experience:

1. Should be in the business of fire extinguishers (manufacturer / Dealers/ service provider) for the **last 05 financial years** ending on 31.03.2024. (Supply, Installation, refilling & Maintenance of ISI marked **Fire Extinguishers should be a primary activity of the Firms**)

2. The applicant Should have carried out similar work of Supply/ Installation and Maintenance work of fire extinguishers (for which empanelment has been sought) in Government/ Semi Government/ Nationalised Public Sector Banks/ Public Sector Undertaking (PSUs)/ Financial Institutes (FIs) etc. and having executed cumulative order of following values during one financial year of last 5 financial years as on 31.03.2024.

1) One similar work of 80% of estimated cost i.e. Rs. 80,00,000.

OR

2) Two similar works of 50% of estimated cost i.e. Rs. 50,00,000.

OR

3) Three similar works of 40% of estimated cost i.e. Rs. 40,00,000.

AND

should have past experience of AMCs in a public sector bank during last 05 financial years ending on 31.03.2024.

4.3 Nature of Clients : The applicant should have supplied to/ on-going contracts with at least three Government Department/ Organization /PSU / Banks/Insurance Companies/ Financial Institutes (FIs) during last Five financial years.

4.4 Statutory Provisions: They must have followed the Contract Labour (Regulations & Arbitration) Act (Central), if required for the job.

4.5 Applicants having near relatives: Applicants having near relatives in the State Bank of India may not be considered for empanelment. Near relative shall mean spouse, father (including step father), Mother (including step mother), Son (including step son) and / or his wife, grandson, daughter (including step daughter) and/or her husband, brother (including step brother) and/or his wife, sister and/or her husband, Father-in-law, Mother-in-law, Brother-in-law and / or his wife, Sister-in-law and/or his husband. A declaration to this effect should be submitted by the applicant as per **Annexure 'D'**.

4.6 Registration Requirements:

- i. They must have the PAN Number and must submit copies of Income Tax Return of last 3 years, i.e. FY - 2020-21; 2021-2022; 2022-23 .
- ii. They must have GSTN.
- iii. Registration certificate under Shops & Establishment Act from state Government is mandatory as on last date of submission of application.

4.7 Products Certifications and literature: Spare parts/Component of the **FIRE EXTINGUISHERS** should be as per Bank specifications as attached in Annexure-‘H’, and certified as per mandatory certification given in specification. Also a valid copy of certifications should be enclosed accordingly.

Technical specification brochure of the product offered to be attached.

4.8 Authorization Letter:

- i. The applicant should submit the authorization Letter from the principles/OEM whose products are proposed.
- ii. 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, of a proposed system.
- iii. If the Applicant is authorized supplier of the equipment, he 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.
- iv. The Manufacturer of the equipment must have a sound and well documented Quality framework. Applicant is permitted to submit a valid ISO certificate or equivalent for the manufacturer in support of this clause. The applicant should have a well-equipped workshop and arrangements /tie up with authorized company (PESO Licensee) for hydraulic testing facility of gas based fire extinguishers and refilling of clean agent, CO2 and ABC stored pressure modular fire extinguishers with sufficient qualified staff with proper qualified technical support in office/workshop.
- iv. 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 them the necessary facilities for verification.
- v. If at any time, the bidder wants to change the OEM/ products etc., prior permission in writing needs to be obtained by the Bank’s Fire Officer after submitting proper supporting documents/ product demonstration. Decision of Bank in this regard will be final and binding to the bidder.

4.9 Service Support Office:

- i. The applicant should have an established office / service center with technical personnel at the date of publication of tender in the state of Madhya Pradesh or Chhattisgarh for providing 24*7 post implementation support, proof for the same to be submitted. (Shops & Establishment Act certificate from state Government is mandatory)
- ii. The applicant should be prepared to open the additional support offices at new centers within the area of jurisdiction of Administrative Offices (BHOPAL, INDORE, GWALIOR, JABALPUR, RAIPUR, BILASPUR). Complete address, contacts and Documentary evidence for the same needs to be provided, on the discretion of the Bank. The contact details, especially the telephone numbers, or service focal point/s should remain unchanged during the currency of vendor's relation with SBI BHOPAL CIRCLE. In case, these are changed, the vendor would inform the Bank 15 days in advance.

List of districts under the control of Administrative Offices (AO):

1. AO BHOPAL- Betul, Bhopal, Chhindwara, Dewas, Harda, Hoshangabad, Raisen, Sehore, Shajapur, Vidisha.
2. AO INDORE- Agar, Alirajpur, Barwani, Burhanpur, Dhar, East Nimar, Indore, Jhabua, Ratlam, Mandsaur, Neemuch, Ujjain, West Nimar.
3. AO GWALIOR- Ashok Nagar, Bhind, Chhatarpur, Datia, Damoh Gwalior, Panna, Nimari, Narsingharh, Sheopur, Rajgarh, Shivpuri, Morena, Tikamgarh.
4. AO JABALPUR- Anuppur, Balaghat, Dindori, Jabalpur, Katni, Shahdol, Umariya, Sagar, Mandla, Narsinghpur, Rewa, Satna, Sidhi, Singrauli Seoni.
5. AO RAIPUR- Raipur, Uttar Bastar, Bastar, Dhamtari, Gariaband, Balod, Bijapur, Durg, Dakshin Bastar Dantewada, Sukma, Rajnandgaon, Kondagaon, Narayanpur.
6. AO BILASPUR- Mahasamund, Bilaspur, Balopda Bazaar, Raigarh, Ambikapur, Bemetara, Balrampur, Korba, Jashpur, Janjgir Champa, Koriya, Kabirdham, Sarguja, Surajpur.

4.10 Product Literature: Applicant shall furnish as a part of bid documents establishing the applicant's ability to supply the material as per Bank's approved specifications. The applicant shall also submit documentary evidence in the form of literature, drawing & data on the product offered. Evaluation will be done on the basis of the documents submitted along with the bid without any further reference to the applicant.

4.11 Blacklisted/ Debarment: The tenderers/bidders should not be blacklisted/debarred/prohibited from participating in tender process by any organization or should not be under the rigors of any such order of Blacklisting / Debarment / prohibition from any organization during last 05 years.

5. Selection Process:

- i. Bank will evaluate the application for EOI's on pre-qualification mandatory requirements based on eligibility criteria, and those who meet the criteria will be evaluated based on the evaluation sheet for short listing the applicants for further evaluation. (Copy of Evaluation Mandatory requirements sheet is enclosed **Annexure-C**). Also it may kindly be noted that there are some mandatory requirements which must be complied, failing which the application would not be considered.
- ii. Only the shortlisted applicants would then be invited by the Bank to make a presentation and demonstration of the equipment on their capabilities and their proposed methodology for execution of this project on all the Technical specifications of the Bank at date, time and place (to be intimated by the Bank) at Bhopal.
- iii. The applicants at this stage after the satisfactory presentation, considered eligible for empanelment would then be invited to participate in the financial bid by the Bank (which could be by e-tendering) for the final selection of vendors.
- iv. The agency who have shortlisted in the empanelment process may participate in price bid through e-tendering on prefixed date & time as decided by the Bank. The bidders would be ranked L1, L2, L3, L4 and so on in order to the amount quoted by them. The L1 rates will be offered to L2, L3, L4 and so on bidders. If the rates, terms and conditions of Bank are accepted by them then the work will be distributed as per the discretion of the Bank.
- v. The Bank reserves the right to reject or accept any or all the offers without assigning any reasons and also to cancel the empanelment later by giving one month notice.
- vi. Allotment of work and the area of operation to the finally empanelled vendors would be the sole discretion of the Bank.
- vii. Vendors so empanelled should comply with all statutory and labour laws, rules and regulations of central/state govt. at their own cost.
- viii. Training to be provided by manufacturer on site to Department officers. Operator level training should be provided by the applicant at their own cost.

- ix. 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 the empanelment of the applicant is liable to be canceled at the 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.
- x. The applicants are aptly informed that all new Fire Safety Equipment's to be procured by the Branches/Offices should meet the new specifications. However, serviceable Fire Safety Equipment's presently in use in Branches/Offices need not be replaced till such time they are in working condition or at the sole discretion of Bank. Such Fire Safety Equipment's installed before this exercise will have to be maintained/repared by the applicants getting finally empanelled after this exercise of Empanelment.
- xi. After shortlisting in the panel, Applicants have to submit along with their technical bid an Earnest Money Deposit (Refundable**) of Rs 1,00,000/- (Rs. One Lac only) issued separately in the form of a Demand Draft / Banker's Cheque in favor of State Bank of India and payable at Bhopal. ** Refundable to unsuccessful bidders. EMDs of unsuccessful bidders will be returned after finalization of Tender process and award of work. EMD submitted by successful bidder shall be converted / adjusted as Security Deposit. In case of withdrawal by successful bidders after their selection, or successful bidder does not sign the agreement or successful bidder fail to start work on stipulated time, will be liable for forfeiture of EMD. EMD exempted, in case of submission of MSEs etc. Govt. of India letter.
- xii. Applicants to ensure that the required documents by the Bank for this application are given from **Annexure A to Annexure G** to be filled up and enclosed along with this application.

6. LIABILITY AND INDEMNITIES:

6.1 VENDOR represents and warrants that the repair and maintenance service to be provided do not violate or infringe upon any patent, copyright, trade secret, or other proprietary right of any other person or other entity. VENDOR agrees that it will, and hereby does, indemnify the Bank from any claim, damages, loss, penalty etc., directly or indirectly resulting from or arising out of any breach or claimed breach of this warranty.

6.2 Vendor agrees and hereby keeps the Bank indemnified against all claims, actions, loss, damages, reputation loss, costs, expenses, charges, including legal expenses (Attorney, Advocates fees included) which the Bank may suffer or incur on account of any deficiency in Services rendered by the Vendor or breach of any obligations mentioned in clauses hereinabove, including without limitation, breach of confidentiality obligations or any acts of commission / omission on the part of its employees, agents, representatives or Sub-Contractors of the Vendor. The Vendor agrees to make good the loss suffered by the Bank on first demand made by the Bank in this regard which shall be final conclusive and binding on the Vendor.

6.3 Vendor further undertakes to promptly notify the Bank in writing any breach of obligation of the Agreement by its employees or representatives including confidentiality obligation and in such an event, the Bank will in addition to and without prejudice to any other available remedies be entitled to immediate equitable relief in a Court of competent jurisdiction to protect its interest including injunctive relief.

6.4 The Vendor shall indemnify and keep fully and effectively indemnified the Bank against any fine or penalty levied on the Bank for improper payment of tax for the reasons attributable to the Vendor.

6.5 The Vendor hereby undertakes the responsibility to take all possible measures, at no additional cost, to avoid or rectify any issues which thereby results in non-performance of software/ hardware/ deliverables within reasonable time. The Bank shall report as far as possible all material defects to the Vendor without undue delay. The Vendor also undertakes to co-operate with other service providers thereby ensuring expected performance covered under scope of work.

6.6 Nothing contained in this Agreement shall impair the Bank's right to claim damages without any limitation for an amount equal to the loss suffered for non-performance of software.



AVAILABILITY OF APPLICATION FORM FOR EXPRESSION OF INTEREST AND SUBMISSION THERE OF:

Document/Application form for EOI and technical bid may be downloaded from <http://www.sbi.co.in> in link **Procurements News** without editing the text whatsoever. Any violation of this condition shall render the application invalid.

If the space provided in the form is not sufficient, additional sheets may be attached for which suitable mention should be made in the form. All such sheets must be signed by authorized signatory.

For further clarification, if any, please contact Premises & Estate Department, LHO, Bhopal/ call at 0755-2575924.

Forwarding letter and the application form for Expression of Interest along with required enclosures, duly signed must be submitted, in sealed envelopes, super cribbed **“EXPRESSION OF INTEREST FOR FIRE EXTINGUISHERS”** along with the company profile and the relevant certificates/documents duly certified and attested and should reach the following address by **15:00 hrs on or before 05.08.2024**. Each page of the application must be signed by authorized official, dated and rubber stamped by the applicant.

**Asst. General Manager (P & E),
State Bank of India,
Premises & Estate Department, Local Head Office,
Bhopal, Opposite Maida Mill, Narmadapuram Road, Bhopal– 462011**

Note: The interested firm are advised to keep on visiting Bank web site for any subsequent changes/corrigendum/additions/updates etc. for which there would be no press notifications.

**State Bank of India
Premises & Estate Department
Local Head Office
Bhopal**



(On Bidder's Company letter head)

Annexure A

Date-

Letter No.-

**Asst. General Manager (P & E),
State Bank of India,
Premises & Estate Department, Local Head Office,
Bhopal, Opposite Maida Mill, Narmadapuram Road, Bhopal– 462011**

Dear Sir,

APPLICATION FOR EMPANELMENT FOR FIRE EXTINGUISHERS

With reference to your advertisement dated....., for the captioned work, we enclose herewith for your kind consideration our company profile in the format provided by you in the **Annexure B** along with **Annexure (A to G)** and necessary supporting papers as per **Annexure G**, with an additional set of it's Xerox copies duly signed and sealed by the authorized signatory of the company/agency/firm. A copy of the authorization letter is enclosed. We confirm that the details furnished by us are true and correct.

2. We undertake to produce the original of all the papers/documents attached herewith as and when asked for by the Bank and shall extend all assistance to the Bank Authorities for the purpose of empanelment.

3. We clearly understand & undertake that mere submission of application does not guarantee for our empanelment and Bank's decision in this regard will be final and binding on us. We submit this application in token of our acceptance of the terms and conditions laid down in this advertisement (EOI).

Thanking You,

Yours faithfully,

(Name of Authorized Signatory)
(Seal & signature of the firm)



Annexure-'B'

APPLICATION FORM FOR EXPRESSION OF INTEREST FIRE EXTINGUISHER					
1	NAME OF ORGANISATION				
2	CONSTITUTION	PROPRIETARY/ PARTNERSHIP/ HUF/ PRIVATE LIMITED/ PUBLIC LIMITED/ CO-OPERATIVE SOCIETY (PLEASE 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 PARTNERS/KEY/SENIOR OFFICIALS/DIRECTORS/TECHNICAL OFFICER	NAME	DESIGNATION	QUALIFICATION	EXPERIENCE
5	NO. OF OFFICES IN MADHYA PRADESH AND CHHATTISGARH				
6	REGISTERED/HEAD OFFICE ADDRESS WITH DETAILS	ADDRESS			
		MOBILE NO			
		PHONE NO			
		FAX NO			
		E MAIL ADDRESS			
7	LOCAL OFFICE ADDRESS WITH DETAILS	ADDRESS			
		MOBILE NO			
		PHONE NO			
		FAX NO			
		E MAIL ADDRESS			
8	CONTACT DETAILS FOR CORRESPONDENCES IN CONNECTION WITH TENDER	ADDRESS			
		MOBILE NO			
		PHONE NO			
		FAX NO			
		E MAIL ADDRESS			
9	WHETHER REGISTERED/EMPANELLED WITH ANY ORGANISATION/PUBLIC BODY	NAME OF ORGANISATION		SINCE WHEN	
		ENCLOSE DOCUMENTARY PROOF			
10	PLEASE FURNISH COMPLETE DETAILS OF OFFICES (ADDRESS AND CONTACT DETAILS LIKE MOBILE NO., PHONE NO,FAX, EMAIL ADDRESS) WITH NUMBER OF SUPPORT ENGINEERS. WHETHER HAVING OFFICES AT UNDER NOTED LOCATIONS?				



STATE BANK OF INDIA, PREMISES & ESTATE DEPARTMENT, LOCAL HEAD OFFICE, BHOPAL

	SERVICE SUPPORT IN MAHYA PRADESH/ CHHATISGARH(PROVIDE DETAILS AS PER FORMAT) ALSO, REFER PARA 4.9 OF NOTICE AND LIST OF DISTRICTS UNDER CONTROL OF ADMINISTRATIVE OFFICES	LOCATION	OFFICE AVAILABLE (YES/NO)	ADDRESS AND CONTACT DETAILS LIKE MOBILE NO , PHONE NO, FAX, EMAIL ADDRESS) WITH NUMBERS OF SUPPORT ENGINEERS AND THEIR NAMES
11	SALES TAX / VAT REGISTRATION/GST NUMBER	(PLEASE ENCLOSE A CERTIFIED COPY)		
12	PAN (PERMANENT ACCOUNT NUMBER) OF FIRM/ENTITY AND TIN	(PLEASE ENCLOSE A CERTIFIED COPY OF LATEST INCOME TAX CLEARANCE CERTIFICATE/RETURN FILED/ASSESSMENT ORDER)		
13	SERVICE TAX REGISTRATION NUMBER AS PER SHOPS AND ESTABLISHMENT ACT	(PLEASE ENCLOSE COPY OF REGISTRATION CERTIFICATE)		
14	KEY FINANCIALS	AS AT CLOSE OF BUSINESS AS ON		
	(RS IN LACS)	31.03.21	31.03.22	31.03.23
	TURNOVER			
	OTHER INCOME			
	PROFIT BEFORE TAX			
	PROFIT AFTER TAX			
	CAPITAL & RESERVES			
	(PLEASE ENCLOSE COPIES OF AUDITED PROFIT AND LOSS AND BALANCE SHEET ALONG WITH AUDITOR'S NOTE)			
15	NAME AND ADDRESS OF BANKERS	(PLEASE ENCLOSE SOLVENCY CERTIFICATE OF RS.10 LACS ISSUED NOT MORE THAN 3 MONTH FROM THE LAST DATE OF SUBMISSION OF APPLICATION)		
16	LIST OF CLIENTS WHOSE WORK HAS BEEN UNDERTAKEN DURING LAST FIVE YEARS			
	CLIENT NAME AND WORK LOCATION ADDRESS	CONTACT PERSON WITH TELE NO	NAME OF WORK	AMOUNT OF WORK UNDERTAKEN
	(PLEASE ENCLOSE ORDER COPY/CONTRACT COPY AND INSTALLATION CERTIFICATE/CERTIFICATE OF SUCCESSFUL WORK FROM CUSTOMERS)			



17	DEALING WITH STATE BANK OF INDIA	SINCE: (PLEASE ENCLOSE ORDER COPY/CONTRACT COPY AND INSTALLATION CERTIFICATE(S)/SATISFACTORY PERFORMANCE CERTIFICATES FROM THE CONTROLLING OFFICE		
18	DEALING WITH PUBLIC SECTOR BANKS(OTHER THAN SBI)	(PLEASE ENCLOSE ORDER COPY/CONTRACT COPY AND INSTALLATION CERTIFICATE/ SATISFACTORY PERFORMANCE CERTIFICATE FROM CONTROLLING OFFICES OF BANKS CONCERNED		
19	DECLARATION REGARDING NEAR RELATIVE WORKING IN SBI AS PER ANNEXURE D			
20	MENTION ANY LITIGATION/ARBITRATION CASE PENDING AGAINST THE FIRM			
21	HAVE YOU BEEN BLACK LISTED BY ANY ORGANISATION DURING LAST 05 YEARS, IF YES, FURNISH DETAILS			



Annexure-‘C’

**EVALUATION OF MANDATORY REQUIREMENTS CUM SCORING SHEET
SCORING SHEET FOR 'SUPPLY, INSTALLATION, TESTING COMMISSIONING AND MAINTENANCE OF
FIRE EXTINGUISHERS**

M/s

E-MAIL:Mob/PH.No.....,FAX:

Sl. No.	PRE-QUALIFICATION OF MANDATORY REQUIREMENTS	WHETHER COMPLIED?	REMARKS
1	MINIMUM AVERAGE AUDITED ANNUAL TURNOVER RS. 30 LACS IN LAST THREE FINANCIAL YEARS ENDING ON 31.03.2023.	YES / NO	
2	COPY OF AUDITED BALANCE SHEET DURING LAST THREE FINANCIAL YEARS (2020-21,2021-22 & 2022-23)	YES / NO	
3	MINIMUM FIVE YEARS RELEVANT EXPERIENCE IN ABOVE CAPTIONED FIELD.	YES / NO	
4	Should have carried out similar work of Supply/ Installation and Maintenance work of fire extinguishers having executed cumulative order of following values during one financial year of last 5 years as on 31.03.2024. 1) One similar work of 80% of estimated cost i.e. Rs. 80,00,000. OR 2) Two similar works of 50% of estimated cost i.e. Rs. 50,00,000. OR 3) Three similar works of 40% of estimated cost i.e. Rs. 40,00,000.	YES / NO	
5	Should have past experience of AMCs in at least 01 Public Sector Banks in last 5 years.	YES / NO	
6	The applicant should have supplied to/ on-going contracts with at least three Government Department/ Organization /PSU / Banks/Insurance Companies/ Financial Institutes (FIs) during last five financial years.	YES / NO	
7	PAN, CST OR VAT, SERVICE TAX NO. AND GOODS AND SERVICES TAX NUMBER	YES / NO	
8	AUTHORIZATIONS LETTER FROM PRINCIPAL/ OEM	YES / NO	
9	CERTIFICATE FROM BIS OR EQUIVALENT STATUTORY BODY	YES / NO	
10	SERVICE SUPPORT OFFICE IN MADHYA PRADESH/ CHHATISGARH	YES / NO	
11	BLACK LISTED FROM ANY PUBLIC SECTOR BANK'S/ GOVT UNDERTAKING	YES / NO	
12	IS THERE ANY DISPUTE PERTAINING TO BUSINESS AS RENDERED/ SOUGHT BY YOU IN COURT OF LAW OR ANY JUDICIAL AUTHORITY.	YES / NO	
13	SOLVENCY /EQUIVALENTV CERTIFICATE SUBMITTED/ENCLOSED OF RS. 10 LACS DATED AS NOT MORE THAN 3 MONTH FROM LAST DATE OF SUBMISSION OF APPLICATION	YES / NO	

(Name & Signature of Authorised Person)

(Seal & signature of the firm)



ANNEXURE – ‘D’

DECLARATION OF NEAR RELATIVES OF SBI EMPLOYEES

I / We

.....

S/O.....D/O.....

W/O.....Residing
at.....

.....
.....

hereby certify that none of our relative(s) as defined in the pre-qualification notice is/are employed in the State Bank Of India. In case at any stage, it is found that the information given by me is false/incorrect, State Bank of India shall have the absolute right to take any action as deemed fit, without any prior intimation to me.

***The near relatives are members of Hindu Undivided family/husband and wife/the one related to the other in the manner as father, mother, son(s) and son’s wife (daughter in laws), daughter(s) and daughter’s husband (son in law), brother(s) and brother’s wife, sister(s) and sister’s husband (brother in law).

PLACE:

SIGNATURE WITH SEAL

DATE:

NAME IN BLOCK LETTERS:

DESIGNATION:

ADDRESS:



ANNEXURE – ‘E’

DECLARATION OF NON-BLACKLISTED/DELISTED/DE-EMPANELED

I / We

.....

S/O.....D/O.....

W/O.....Residing
at.....

.....
.....

.....
hereby certify that my/our firm/company M/s.....has/have
not been blacklisted/delisted/de-empaneled by any government/ semi-government/
Nationalized public sector banks/ public sector banks/ Financial institutions/ corporate
offices and never involved in arbitration/ litigation with State Bank of India during last 05
years.

We certify that the information/ particulars furnished in our bids are factually correct and
we also accept that in event of any information/particulars proven to be incorrect, the bank
will have the right to disqualify and de-empanel our firm/company.

PLACE:

SIGNATURE WITH SEAL

DATE:

NAME IN BLOCK LETTERS:

DESIGNATION:

ADDRESS:



Annexure-'F'

LIST OF CLIENTS WHOSE WORK HAS BEEN UNDERTAKEN DURING LAST FIVE YEARS				
CLIENT NAME AND WORK LOCATION ADDRESS	CONTACT PERSON WITH TELE NO	NAME OF WORK	AMOUNT OF WORK UNDER-TAKEN	START DATE AND COMPLETION DATE

SIGNATURE WITH SEAL



Annexure-‘G’

LIST OF ENCLOSURE FOR EMPANELMENT OF FIRM/MANUFACTURER FOR ‘SUPPLY, INSTALLATION, TESTING COMMISSIONING AND MAINTENANCE OF FIRE EXTINGUISHERS’ AS PER BIS 15683:2006/2878:2004

S. NO.	PARTICULARS	WHETHER ENCLOSED (YES OR NO)
1	COPY OF CERTIFICATE OF REGISTRATION/PARTNERSHIP DEED IN SUPPORT OF CONSTITUTION	
2	LIST OF OFFICE LOCATIONS WITHIN MADHYA PRADESH AND CHHATTISGARH	
3	DOCUMENTARY EVIDENCE IN SUPPORT OF REGISTRATION/EMPANELMENT WITH ANY ORGANISATION/PUBLIC SECTOR BODY	
4	SERVICE SUPPORT IN MADHYA PRADESH AND CHHATTISGARH WITH DETAILS OF ADDRESS AND CONTACT DETAILS	
5	SALES TAX/VAT REGISTRATION CERTIFICATE, CERTIFIED COPY OF LATEST SALES TAX/VAT RETURN/CLEARANCE CERTIFICATE	
6	COPY OF PAN LETTER ISSUED BY INCOME TAX. CERTIFIED COPY OF LATEST TAX CLEARANCE CERTIFICATE/REGISTRATION FILED/ASSESSMENT ORDER	
7	COPY OF SERVICE TAX REGISTRATION NUMBER/GST/ TAN	
8	LAST THREE YEARS COPIES OF AUDITED PROFIT AND LOSS AND BALANCE SHEET (FOR YEAR 2020-21; 2021-22; 2022-23) ALONG WITH AUDITOR’S NOTE	
9	CA CERTIFICATE MENTIONING THE TURNOVER OF LAST THREE FINANCIAL YEARS ENDING 31.03.2023.	
10	SOLVENCY CERTIFICATE/EQUIVALENT DOCUMENT OF Rs 10 LACS ISSUED NOT MORE THAN 3 MONTH FROM LAST DATE OF SUBMISSION OF APPLICATION	
11	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	
12	PLEASE ENCLOSE ORDER COPY/CONTRACT COPY AND INSTALLATION CERTIFICATE/CERTIFICATE OF SUCCESSFUL WORK FROM STATE BANK OF INDIA IN SUPPORT OF DEALING WITH SBI AS STIPULATED ABOVE.	
13	PLEASE ENCLOSE ORDER COPY/CONTRACT COPY AND INSTALLATION CERTIFICATE OF SUCCESSFUL WORK FROM PUBLIC SECTOR BANK/UNDERTAKING IN SUPPORT OF INSTALLATION AT PUBLIC SECTOR BANKS/UNDERTAKINGS	
14	COPIES OF CERTIFICATION (AS PER RELEVANT BIS SPECIFICATION)	
15	AUTHORIZATION LETTER FROM THE PRINCIPLES/OEM WHOSE PRODUCTS ARE PROPOSED	

Annexure-‘H’**TECHNICAL SPECIFICATIONS OF FIRE EXTINGUISHERS**

- 1) **Water Type Fire Extinguishers**: It should be of **gas cartridge type and stored pressure type**, provided **with squeeze grip control valve** operating mechanism overall conforming to IS 15683 and ISI marked.
- 2) **Dry Chemical Powder (DCP/ABC) Type Fire Extinguishers**: It should be of **gas cartridge type and stored pressure type** provided **with squeeze grip control valve** operating mechanism overall conforming to IS 15683 and IS marked.
- 3) **Carbon Dioxide Type Fire Extinguishers**: It should be of **wheel type control valve operating mechanism** over all conforming to IS 15683 and ISI Marked.

Note: All components of above fire extinguishers should satisfy the requirements of construction material, dimensions, sizes, ratings, tests criteria and all other requirements as per IS 15683:2018 and it should be overall conforming to IS 15683 with ISI mark. The CE certified brand shall be preferred.

TECHNICAL SPECIFICATION

The following specifications required for Portable Fire Extinguisher as per IS: 15683/ IS: 2190. Details are as under:

1. DRY CHEMICAL POWDER (DCP), CARTRIDGE TYPE PORTABLE FIRE EXTINGUISHERS:

These Extinguishers should contain Mono-ammonium Phosphate based dry powder as per IS: 15683:2018 and **capable of fire-fighting class A, B and C** Fires. Propellant in cartridge operated extinguishers shall be carbon dioxide gas cartridge. The method of expulsion of dry power shall be by means of pressure produced from compressed or liquefied gas from gas cartridge attached to the cap after piercing it uprightly or by piercing the squeeze grip.

a) PERFORMANCE & CONSTRUCTION REQUIREMENT:

PERFORMANCE	CAPACITY -02KG	CAPACITY -04KG	CAPACITY -06KG
Approvals/certification	IS:15683, ISI Marked	IS:15683, ISI Marked	IS:15683, ISI Marked
Fire Rating	08B or upwards	21B or upwards	21B or upwards
Working/Operating Temperature (°C)	-30 to +55	-30 to +55	-30 to +55
Burst Pressure	55/80 bar (min)	55/80 bar (min)	55/80 bar (min)
Cylinder Testing Pressure	35 bar	35 bar	35 bar

Service/Working Pressure Min-Max	15-19 bar max	15 -18 bar max	15 -18 bar max
Minimum Effective Discharge Time	09-13 Seconds	13-28 Seconds	08-18 Seconds
Bulk Range % Discharge	2 to 3 meter, 85%	2 to 4 meter, 85%	2 to 6 meter, 85%
Propellant	Carbon Dioxide Gas, 60gm	Carbon Dioxide Gas, 100-120 gm	Carbon Dioxide Gas, 100-120 gm
Thickness (Approx.)	1.6 mm	1.6 mm	1.6 mm
Height Without Base (Approx.)	360-380mm	385-510 mm	520-540 mm
Diameter (Approx.)	106-108 (+/- 10) mm	140-150 (+/-10) mm	140-150 (+/-10) mm
Gross Weight (Approx.)	4.0 kg	7-8.5 kg	10-11.5 kg
Extinguishing Agent Charge	Mono-ammonium Phosphate based dry powder	Mono-ammonium Phosphate based dry powder	Mono-ammonium Phosphate based dry powder

These cartridge operated extinguishers the cartridge shall be pierced, and the pressure allowed to build for 06 second before opening the control valve.

b) CONSTRUCTION: The cylinder body, expansion space, neck ring, cap, gas cartridge and cartridge holder, plunger rod and piercing mechanism, cap joint washer, hose. Nozzle and bottom ring shall be confirmed as per Indian Specification (IS: 15683).

c) MANUFACTURING TESTS: The Extinguishers shall comply all manufacturing tests specified in the IS: 15683, like leakage test, burst strength test, impact resistance test, hose assemblies test, safety locking device etc.

d) COLOUR: The colour for extinguisher bodies shall be in fire red colour confirming to IS: 05 and paint shall confirm to IS: 2932.

e) MARKING:

- i. The operating, recharging and inspection and maintenance instructions shall be in the form of an etched or embossed metal nameplate or band, or an acceptable pressure-sensitive nameplate attached to the side of the extinguisher body, or in the form of silk-screening of paint directly on the extinguisher body. The marking shall identify the extinguisher as to type of media and shall include the manufacturer's name and model number and the rating and classification of the fire extinguisher.
- ii. The marking shall include a sequential serial number.
- iii. The year of manufacture, or the last two digits of the calendar year, and the factory test pressure shall permanently marked into the extinguisher body or non-transferable nameplate. Extinguishers manufactured in the first

- three months of a calendar year may be marked with the previous year as the date of manufacturer.
- iv. The marking shall include a reference to the range of temperatures at which the extinguisher is usable, such as acceptable to use at temperature from..... to or the equivalent.
 - v. The applicable statement or the equivalent shall be included in the marking: Recharge immediately after any use.
 - vi. The gas cartridge shall be permanently marked with:
 - a. Empty mass in gram,
 - b. Nominal full mass in gram,
 - c. Year of manufacturer, and
 - d. Name or code of the manufacturer.
 - vii. The marking on each extinguisher shall include its exact gross mass or minimum and maximum gross mass, which may be expressed by a tolerance. The gross mass shall include the mass of the charged extinguisher and discharge assembly.
 - viii. The Extinguisher shall be marked with BIS standard. The use of standard mark will be governed by the provisions of the BIS Act 1986.
 - ix. Operating instructions: the operating instructions shall be arranged as follows:
 - a) Word "INSTRUCTIONS" shall be at the top of the nameplate.
 - b) Operating instructions shall be in the form of numerically sequenced photograph. The sequence shall be as follows:
 - ✓ Making ready the extinguisher by disengaging the safety locking device,
 - ✓ Aiming the extinguisher at the base of fire, included recommended distance from the fire at which to begin discharge, and indicating the intended operating attitude of the extinguisher,
 - ✓ Taking whatever action necessary to initiate operation of the extinguishers, and
 - ✓ Describing the intended method of applying the extinguishing media on the fire.
 - x. The extinguisher shall be marked with letters "B", and "C" indicating their suitability for respective class of fires.

2. DRY CHEMICAL POWDER (DCP), STORED PRESSURE TYPE PORTABLE FIRE EXTINGUISHERS:

Sl. No.	Particulars	Details	Requirement	Requirement
			DCP 6 Kg	DCP 9 Kg
1	General			
a	Standard Code		Conforming to IS: 15683	Conforming to IS: 15683
b	Type		Portable	Portable
c	Fire Rating		21 B	34 B
d	Suitable for class of fire		Class B & Class C	Class B & Class C
e	Working Temperature		-20 ⁰ to 55 ⁰ C	-20 ⁰ to 55 ⁰ C
2	Body			
a		Material	M.S. Sheet (IS 513)	M.S. Sheet (IS 513)
b		Size		
i		Height	Less than 600 mm	600 to 620 mm
ii		Diameter	150 to 160 mm	175 to 190 mm
iii		Thickness	Min 1.5 mm (As per IS 15683)	Min 1.5 mm (As per IS 15683)
3	Pressure Requirement			
a		Service Pressure	15 Kg/cm ²	15 Kg/cm ²
b		Test Pressure	30 Kg/cm ²	30 Kg/cm ²
c		Burst Pressure	45 Kg/cm ²	45 Kg/cm ²
4	Neck Ring		Neck ring is welded with top of the body having mounting threads (G2-1/2 or M74 x 2)	Neck ring is welded with top of the body having mounting threads (G2-1/2 or M74 x 2)
5	Cap	Material	Brass Forging (IS 6912)	Brass Forging (IS 6912)
6	Cap Washer	Material	Rubber (IS 5382)	Rubber (IS 5382)
7	Plunger	Material	Brass/Stainless Steel (IS 6528)	Brass/Stainless Steel (IS 6528)
8	Spring	Material	Carbon Steel (IS 4454)	Carbon Steel (IS 4454)

9	Siphon Tube	Material	Aluminium/ M.S. (IS 3601)	Aluminium/ M.S. (IS 3601)
10	Dis-charge Assembly	Squeeze grip type having mounting threads to match with nec king threads.		
a	Dis-charge Nozzle	Material	Plastic Nozzle with Metallic insert fitted with hose or SS-316 or Forged Brass as per IS: 6912	Plastic Nozzle with Metallic insert fitted with hose or SS-316 or Forged Brass as per IS: 6912
b	Hose			
i	Material		Braided Rubber / PVC	Braided Rubber / PVC
ii	Length		450 -500 mm	450 -500 mm
iii	Burst Pressure		50 Kg/cm ²	50 Kg/cm ²
10	Extinguishing Media		Dry Chemical Powder (Sodium bi-carbonate) as per IS 4308	Dry Chemical Powder (Sodium bi-carbonate) as per IS 4308
11	Expelling Media		Nitrogen 1747) Gas (I S	Nitrogen Gas (IS 1747)
12	Performance Test			
i		Bulk Range Discharge Ra	2 Mtr. (Minimum)	2 Mtr. (Minimum)
ii		Minimum Effective Discharge Time	8 sec (min)	8 sec (min)
iii		Throw of Jet	4 Mtr.	Not less than 6 m
iv		Percentage of discharge	90%	90%
v		Duration	25 sec max	30 sec max
13	Weights			
a		Empty Weight	3 Kg (approx)	4 Kg (approx)
b		Full Weight	9 Kg (approx)	13 Kg (approx)

14	Wall Mounting Bracket		Mild Steel (Powder coated)	Mild Steel (Powder coated)
15	Maintenance			
16	Refilling		As per IS 2190	As per IS 2190
			Once in Return to recharger 3 year s. au- thorized f or with Pres- sure	Once in 3 years. Return to authorized recharger for with Hydraulic Pressure test
17	Hydraulic Pressure Test		Once in 3 years	Once in 3 years
18	Life of Extinguisher		10 years	10 years
19	Painting		Fire Red, confirming to shade No. 536 of IS: 5. Blue (5% of total surface area remaining in red)	Fire Red, confirming to shade No. 536 of IS: 5. Blue (5% of total surface area remaining in red)
20	Marking			
a		Standard marking	IS: 15683	IS: 15683
b		Name of the manufacturer or trade mark if any		
c		Year of manufacture		
d		Serial number		
e		Type of extinguisher	Dry Chemical Powder BC (Squeeze Grip Stored Pressure Type)	Dry Chemical Powder BC Squeeze Grip Stored Pressure Type)
f		Capacity of extinguisher	6 Kg	9 Kg

g		A declaration to the effect that the body of the extinguisher has been tested to a pressure of	30 Kg/cm ²	30 Kg/cm ²
h		Picture showing method of operation		
i		Method of operation in prominent letters		
j		The extinguisher shall be marked with letter indicating their suitability for respective classes of fires	Class B & Class C	Class B & Class C

3. CARBON DIOXIDE (CO₂) GAS TYPE FIRE EXTINGUISHERS:

- I. These Extinguishers shall be based on CO₂ gas. The Carbon Dioxide (CO₂) gas shall conform to IS: 15222. The quantity shall be determined by weighing. The filling ratio is the ratio of mass of liquefiable gas that is allowed to be filled into the container in view of safety considerations to the mass of water required to fill the container at 15 degrees centigrade. It is operated by holding upright, removing the locking pin or seal or safety device from the **wheel type control valve operating mechanism**.
- II. The Extinguisher is made from **seamless** manganese steel cylinders confirming to IS: 7285 with ISI Marked & **approved from Chief Controller of Explosives (CCE)**. Valve confirming to IS: 3224 with ISI Mark.
- III. The extinguisher discharge horn shall be constructed to withstand crushing when 25 kg applied to its extremity for 5 min immediately after having completely discharged the extinguisher through the horn. Check that the horn does not show any evidence of cracking or breakage.

IV. PERFORMANCE & CONSTRUCTION REQUIREMENT:

PERFORMANCE	CAPACITY -03KG	CAPACITY -4.5KG	CAPACITY -22.5KG
Approvals/certification	IS:15683, ISI Marked	IS:15683, ISI Marked	IS: 2878, ISI Marked
Fire Rating	8B-13B	13B-21B	As per BIS, Min 21B

Working / Operating Temperature (Degree Centigrade)	-30 to +55	-30 to +55	-30 to +55
Burst Pressure (Approx.)	335-350 bar	335-350 bar	335-350 bar
Cylinder Testing Pressure	250 bar	250 bar	250 bar
Minimum Effective Discharge Time	08-15 Second	08-17 Second	20-60 Second
Bulk Range % Discharge	01 to 04 meter, 85%	02 to 04 meter, 85%	BIS, 95%
Propellant	Carbon Dioxide Gas	Carbon Dioxide Gas	Carbon Dioxide Gas
Thickness (Approx.)	4.2 mm	4.2 mm	5.5 mm
Height (Approx.)	435-545mm	610-700 mm	1030 mm
Diameter (Approx.)	140 (+/- 10) mm	140-150 (+/- 10) mm	267 mm
Gross Weight (Approx.)	12.5 kg	17 kg	93 kg
Extinguishing Agent Charge	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas

V. **CONSTRUCTION:** The cylinder body, discharge fittings, trolley, valve, (i.e. Nozzle, Hose, etc) shall be confirmed as per Indian Specification IS: 15683 & IS: 2878.

VI. PAINTING:

- Each Extinguisher shall be painted fire red confirming to shade No. 536 or 537 of IS: 5.
- A picture showing a man operating the extinguisher in the correct manner shall be shown on the body of the extinguisher.
- The extinguisher shall be marked with the letters B, & C indicating their suitability for respective classes of fires as laid down in IS: 2190:1992.

VII. **MARKING:** Each extinguisher shall be clearly and permanently marked with the following information:

- Manufacturer's name or trade – mark, serial No., and year of manufacture shall be **EMBOSS**ED at the bottom ring/body/neck.
- Method of operation in prominent letter.
- The words "Carbon Dioxide Type" "class BC"
- Capacity of the extinguisher in kg.
- Year of manufacturer of extinguisher and date of refilling.
- Source, Year of manufacture of the cylinder and its test pressure.
- The product shall be marked with BIS Standard Mark.

The following information to facilitate filling or recharging shall also be marked on the head of extinguisher or on the neck of the cylinder:

- the weight of extinguisher (to include operating head, Internal discharge tube and carrying handle but not any hose or discharge horn assembly) shown as EW.

- Filled weight of extinguisher (to include operating head, internal discharge tube, carrying handle and gas filled contents but not any hose or discharge horn assembly) shown as FW.

4. WATER CO₂ SQUEEZE GRIP CARTRIDGE TYPE PORTABLE FIRE EXTINGUISHERS:

These Extinguishers shall water as per IS: 15683 and **capable of fire fighting class A** Fire. Propellant in cartridge operated extinguishers shall be carbon dioxide gas cartridge. The method of expulsion of water shall be by means of pressure produced from compressed or liquefied gas from gas cartridge attached to the cap after piercing it uprightly or by piercing the squeeze grip.

I. PERFORMANCE & CONSTRUCTION REQUIREMENT:

PERFORMANCE	CAPACITY -06 Liter	CAPACITY -09 Liter
Approvals/certification	IS:15683, ISI Marked	IS:15683, ISI Marked
Fire Rating	02A	2A
Working/Operating Temperature (°C)	+05 to +55	+05 to +55
Burst Pressure	55/80 bar (min)	55/80 bar (min)
Cylinder Testing Pressure	35 bar	35 bar
Service / Working Pressure (Approx.)	15-18 bar	14-15bar
Minimum Effective Discharge Time	13-33 Second	13-42 Second
Bulk Range % Discharge	02-06 meter, 85%	02-07 meter, 85%
Propellant	Carbon Dioxide Gas Cartridge	Carbon Dioxide Gas Cartridge
Thickness (Approx.)	1.6 mm	1.6 mm
Height (Approx.)	530-570 mm	570-585 mm
Diameter (Approx.)	150-175(+/- 10) mm	175-180 (+/- 10) mm
Gross Weight (Approx.)	06-10 kg	12-15kg
Extinguishing Agent Charge	Water	Water

These cartridge operated extinguishers the cartridge shall be pierced and the pressure allowed to build for 06 second before opening the control valve.

- II. CONSTRUCTION:** The cylinder body, expansion space, neck ring, cap, gas cartridge and cartridge holder, plunger rod and piercing mechanism, cap

joint washer, hose. Nozzle and bottom ring shall be confirmed as per Indian Specification (IS: 15683).

- III. MANUFACTURING TESTS:** The Extinguishers shall fulfill all manufacturing tests specified in the IS: 15683, like leakage test, burst strength test, impact resistance test, hose assemblies test, safety locking device etc.
- IV. COLOUR:** The colour for extinguisher bodies shall be in fire red colour confirming to IS: 05 and paint shall confirm to IS: 2932.
- V. MARKING:**
- a) The operating, recharging and inspection and maintenance instructions shall be in the form of an etched or embossed metal nameplate or band, or an acceptable pressure-sensitive nameplate attached to the side of the extinguisher body, or in the form of silk-screening of paint directly on the extinguisher body. The marking shall identify the extinguisher as to type of media and shall include the manufacturer's name and model number and the rating and classification of the fire extinguisher.
 - b) The marking shall include a sequential serial number.
 - c) The year of manufacture, or the last two digits of the calendar year, and the factory test pressure shall permanently marked into the extinguisher body or non-transferable nameplate. Extinguishers manufactured in the first three months of a calendar year may be marked with the previous year as the date of manufacturer.
 - d) The marking shall include a reference to the range of temperatures at which the extinguisher is usable, such as acceptable to use at temperature from..... to or the equivalent.
 - e) The applicable statement or the equivalent shall be included in the marking: Recharge immediately after any use.
 - f) The gas cartridge shall be permanently marked with:
 - a. Empty mass in gram,
 - b. Nominal full mass in gram,
 - c. Year of manufacturer, and
 - d. Name or code of the manufacturer.
 - g) The marking on each extinguisher shall include its exact gross mass or minimum and maximum gross mass, which may be expressed by a tolerance. The gross mass shall include the mass of the charged extinguisher and discharge assembly.
 - h) The Extinguisher shall be marked with BIS standard. The use of standard mark will be governed by the provisions of the BIS Act 1986.
 - i) Operating instructions: the operating instructions shall be arranged as follows:

- i. Word "INSTRUCTIONS" shall be at the top of the nameplate.
- ii. Operating instructions shall be in the form of numerically sequenced photograph. The sequence shall be as follows:
 - ✓ Making ready the extinguisher by disengaging the safety locking device,
 - ✓ Aiming the extinguisher at the base of fire, included recommended distance from the fire at which to begin discharge, and indicating the intended operating attitude of the extinguisher,
 - ✓ Taking whatever action necessary to initiate operation of the extinguishers, and
 - ✓ Describing the intended method of applying the extinguishing media on the fire.
- j) The extinguisher shall be marked with letters "A" indicating their suitability for respective class of fires.

5. WATER CO₂ SQUEEZE GRIP STORED PRESSURE TYPE PORTABLE FIRE EXTINGUISHERS:

Sl.No.	Particulars	Details	Requirement
			Water CO₂ Stored Pressure Type
1	General		
a	Standard Code		Conforming to IS: 15683
b	Type		Portable
c	Fire Rating		3 A
d	Suitable for class of fire		Class A
e	Working Temperature		+5 ⁰ to 55 ⁰ C
2	Material of Construction for Body		
a		Material	M.S. Sheet (IS 513)
b		Height	580 to 600 mm
c		Diameter	180 to 190 mm

d		Thickness	1.5 to 1.6 mm Epoxy Powder Coat (min. 0.05 mm) (As per IS 15683)
3	Pressure Requirement		
a		Service Pressure	12 Kg/cm ²
b		Test Pressure	30 Kg/cm ²
c		Burst Pressure	45 Kg/cm ²
3	Neck Ring		Seamless M.S. Pipe (IS 1239) neck ring is welded with top of the body having mounting threads as per IS 2643
4	Cap		Brass Forging (IS 6912) having threads As per IS 2643
5	Cap Washer	Material	Rubber (IS 5382)
6	Pressure Gauge	Properties	23 mm series of Diaphragm, Brass shelling nickel plated, water proof
7	Siphon Tube	Material	Brass plastic/ SS/MS (IS 3601)
8	Snifter Valve	Material	Brass (IS 319)
9	Discharge Assembly		
a	Discharge Nozzle	Squeeze grip type	
i		Material	Aluminium Alloy (IS 617) Plastic (IS 7328)
B(i)	Hose	Material	Braided Rubber/ PVC
ii		Size	Length : 450 mm (Minimum)
iii		Burst Pressure	50 Kg/cm ²
10	Safety Clip	Material	Steel (IS 2507)
11	Extinguishing Media		Pure Water
		Weight / Volume	9 Ltr
12	Expelling Media		
		Gas Cartridge	NA

		Material	NA
		Gas	NA
		Capacity	NA
		Stored Pressure Type	Nitrogen gas at pressure 15 Kg/cm ²
13	Performance Test		
		Bulk Range Discharge	2 Mtr. (Minimum)
		Minimum Effective Discharge Time	60 to 120 sec
		Throw of Jet	Not less than 6 m
		Percentage of discharge	90%
14	Weight		
		Empty Weight	5.5 Kg (with cap, cartridge and discharge connection)

6. TECHNICAL SPECIFICATIONS OF ABC TYPE MODULAR TYPE SELF EXTINGUISHING FIRE EXTINGUISHER, CAP-5KG

The following important features should be:

- a) An automatic detection and suppression system together in a single unit and should be reusable cylinder.
- b) The system should provide Automatic round the clock protection and non-freezing.
- c) The system should be Rechargeable and easy to service.

The following performance required as data given as under:

- a) Propellant should be used as Nitrogen Gas.
- b) Working pressure should be 7 to 15 kgs/cm².
- c) Testing pressure should be 35 kgs/cm².
- d) Area of protection should be 3.5 to 4.0-meter square and volume protection should be 8.0 m³
- e) Feasible to hang vertically above risk is 1.5 to 2.0 meter.
- f) Operation time should be 99% in 10-15 seconds.
- g) Extinguishing media should be used ABC (mono ammonium phosphate-90) powder.

- h) The cylinder should be MIG welded M.S. Body 2mm CRC Sheet upper part of which is fitted with adapter or flange for fixing on ceiling wall and below part fixed automatic release Nozzle based on Sprinkler technology unlike the sprinkler nozzle is gas tight the release temperature is adjusted with sprinkler bulb as 57 to 68 degree centigrade with pressure gauge fitted for instant verification of reliability of every unit.
- i) Nozzle should give more than 95% discharge and scattering cone on 40 to 45-degree angle.

7. SERVICING, REFILLING & MAINTENANCE OF FIRE EXTINGUISHERS

The visiting mechanic / technician of the firm/vendor who should be in possession of clearly visible identity card and authority letter issued by Firm, shall carry out the Periodic Inspection of fire extinguishers as per given schedule. The following procedure shall be followed for maintenance of fire extinguishers. Check all the components of the extinguisher as per the maintenance check list given for each type of extinguisher as under.

A. FIRE EXTINGUISHER: WATER CO₂ GAS CARTRIDGE TYPE

- i. Use the existing fire extinguishers due for refilling for training of staff members.
- ii. Examine the extinguisher's body internally & externally for corrosion and any kind of damaged condition. Damaged and corroded extinguishers should be removed from service. Corroded gas cartridge should also be replaced.
- iii. If weight of Co₂ gas is reduced in the cartridge by more than 10% then, use the extinguisher for training purpose and replace the cartridge with fully recharged new cartridge.
- iv. Clean the exterior of the extinguisher, polish the painted portion with wax polish, the brass/gun metal parts with metal polish, chromium plated parts with silver polish and plastic components to be thoroughly washed with soap solution and sun dried.
- v. For external surface of the fire extinguisher in respect of painting, the surface should be re-painted as per the requirements in fire red colour.

- vi. Examine nozzle, strainer, vent holes, internal discharge tube and sealing washer; replace them if not in good condition. Otherwise clean them thoroughly.
- vii. Ensure that the cap washer is intact and also grease the threads of the cap, plunger etc.
- viii. Check the operating mechanism for free movement and piercing mechanism for proper working.
- ix. Refill the fire extinguishers with clean water.

B. FIRE EXTINGUISHER: WATER (Stored Pressure) TYPE

- i. Examine and verify that the pressure gauge is indicating the internal pressure correctly, if the extinguisher shows a loss of pressure, it should be used for training to the staff and sent for recharging/refilling.
- ii. Examine the extinguisher's body externally for corrosion. Damaged and corroded extinguishers should be removed from service.
- iii. Clean the exterior of the extinguisher, polish the painted portion with wax polish, the brass/gun metal parts with metal polish, chromium plated parts with silver polish and plastic components to be thoroughly washed with soap solution and sun dried.
- iv. For external surface of the fire extinguisher in respect of painting, the surface should be re-painted as per the requirements in fire red colour.

C. FIRE EXTINGUISHER: DCP CARTRIDGE TYPE

The dry powder extinguisher should be opened in a room for a minimum possible time to avoid effect of atmospheric moisture on powder. All dry powder extinguishers should be inspected and maintained in accordance with the following.

- i. Use the fire extinguisher for training of staff members, if refilling is due.
- ii. Check the operating mechanism (discharge control) for free movement and closing. Examine nozzle, hose, vent holes, plunger of cap, cartridge holder, grease, wipe and clean.
- iii. If weight of Co₂ gas is reduced in the cartridge by more than 10% then, use the extinguisher for training purpose and replace the cartridge with fully recharged new cartridge.
- iv. Remove the inner shell (if any) and clean port holes.

- v. Clean the exterior of the extinguisher, polish the painted portion with wax polish, the brass/gun metal parts with metal polish, chromium plated parts with silver polish and plastic components to be thoroughly washed with soap solution and sun dried.
- vi. Empty the dry powder in a dry container and examine for caking, lumps and foreign matter, if foreign matter or caking are present, replace it with new dry powder.
- vii. Examine the extinguisher's body internally & externally for corrosion and any kind of damage conditions with torch. Damaged and corroded extinguishers should be removed from service. Corroded gas cartridge should also be replaced.
- viii. Clean the extinguisher using dry air.
- ix. Return the original charge to the extinguisher and fit the cartridge and other fittings, if not due for refilling.
- x. For external surface of the fire extinguisher in respect of painting, the surface should be re-painted as per the requirements in fire red colour.
- xi. The original seal of the refill powder packet with ISI mark should be opened in front of the Bank staff or the authorized staff. The old cartridge will be utilized by way of giving demonstration/training to all staff members during the refiling.

D. FIRE EXTINGUISHER: ABC (STORED PRESSURE) TYPE

- i. Examine and verify that the pressure gauge or any other pressure indicating device fitted in is indicating the internal pressure correctly, if the extinguisher shows a loss of pressure, it should be used for training to the staff and send for recharging/refilling.
- ii. Examine the extinguisher's body externally for corrosion. Damaged and corroded extinguishers should be removed from service.
- iii. Clean the exterior of the extinguisher, polish the painted portion with wax polish, the brass/gun metal parts with metal polish, chromium plated parts with silver polish and plastic components to be thoroughly washed with soap solution and sun dried.
- iv. For external surface of the fire extinguisher in respect of painting, the surface should be re-painted as per the requirements in fire red colour.

E. FIRE EXTINGUISHER: CARBON DIOXIDE (CO₂) TYPE

- i. Examine extinguisher body externally. Damaged or corroded extinguisher should be replaced.
- ii. Examine hose, horn and assembly and clean. In case of trolley mounted extinguisher, examine the wheel carriage for free movement.
- iii. If extinguisher needs to be refilled (if the weight of Co₂ gas has reduced by more than 10%) then, use the extinguisher for training purpose and send the extinguisher for recharging.
- iv. Before recharging, the cylinder should be tested to 210 kg/cm² pressure at the centre of refilling. This is done by the firm authorized to refill CO₂ gas. A certificate has to be submitted for the pressure testing.
- v. Apply paint to the body of fire extinguishers, whenever, necessary. Shade will be in fire red confirming to shade No. 536 or 537 of IS: 5

F. FIRE EXTINGUISHER, AUTOMATIC MODULAR WITH SPRINKLER HEAD/ ABC POWDER (STORED PRESSURE) TYPE:

- i. Examine extinguisher body externally. Damaged or corroded extinguisher should be replaced.
- ii. Check the pressure gauge to see that extinguisher is having correct pressure. Extinguisher showing loss in pressure should be used for training to the staff and sent for recharging/ refilling.

Note: The technician of the firm shall in addition to above ensure that the following :

- i. Location of fire extinguisher should be designated at a suitable place.
- ii. No obstruction to access or visibility.
- iii. Operating instructions on name plate legible and facing outward.
- iv. Safety seals and temper indicators not broken or missing.
- v. **Paste sticker of good quality on the fire extinguishers after maintenance. The sample of the sticker as under.**

Name of the Firm / Address & contact number			
Type :		Capacity:	
Serial Number :		Date of Installation :	
Date of Servicing & Maintenance	Next Due For Servicing & Maintenance	Date For Refilling	Next Date For Refilling

G. SCHEDULE FOR REFILLING, SERVICING & MAINTENANCE:

S. No.	Type of Extinguishers	Schedule for Refilling	Schedule For Servicing & Maintenance
i.	Water CO2 Cartridge Type	Once in a Year	Once in a Year
ii.	Water (Stored Pressure) Type Extinguishers	Once in a Year	Once in a Year
iii.	Trolley Mounted Water CO2 Conventional Type	Once in a Year	Once in a Year
iv.	ABC (Stored Pressure) Type	Once in a Year or If pressure gauge shows loss of pressure	Once in a Year
v.	DCP Cartridge Type	Once in a Year	Once in a Year
vi.	CO2 gas Type Extinguishers	Once in a Year or if the weight is reduced by more than 10% of mass.	Once in a Year
vii.	Automatic Modular with powder base Stored Pressure Type	Once in three Years or If pressure gauge shows loss of pressure	Once in a year

NOTE: All extinguishers shall be maintained as per IS: 2190:1992 (Reaffirmed 2010). In corrosive environments, it is desirable to have the discharge test carried out at half the frequency mentioned above or as per Bank's instructions.

8. SCHEDULE FOR HYDRAULIC PRESSURE TESTING (HPT):

S. No.	Type of Extinguishers	Schedule of test interval For HPT	Test Pressure (Kg/Cm ²)	Pressure Maintained For (Time in Minutes)
i.	Water Type (Gas cartridge / Stored pressure) Extinguishers	Once in a 3-years	35.0	2.5
ii.	Dry Powder Type (Gas cartridge / Stored pressure), (BC/ABC) Extinguishers	Once in a 3-years	35.0	2.5
iii.	Clean agent type (IS:15683)	Once in a 3-years	35.0	2.5
iv.	Carbon Dioxide Type Extinguishers	Once in a 5-years	250.0	2.5

NOTE:

- a) **Every extinguisher with Cap** shall be hydraulically pressure tested (HPT) as per the schedule given above. Extinguisher which fails in this requirement shall be replaced. Test certificates have to be submitted in the branch/office.
- b) The carbon dioxide type fire extinguishers shall be pressure tested every time when the cylinders are sent for recharging (after periodic discharge test or otherwise) to the pressure specified in IS:2190.
- c) In case of Fire Extinguisher while servicing, if any refill is found to be leaked or pressure has gone down, fully or partially or any other defect is found, the same will be brought to notice of the Branch Manager. Accordingly, the re-filling will be done only after rectification of the defect, notwithstanding the periodicity of refilling.
- d) Please note that refilling/servicing/maintenance of fire extinguishers is a continuous process and it is required to be carried out once a year or earlier (in case, the extinguisher has been used to extinguish fire). The due date for re-filling/servicing/maintenance must be strictly adhered to and no delay will be acceptable.

9. Other Terms & Conditions:

- a) **The refilling rate of fire extinguishers shall be inclusive of servicing charge. No separate payment shall be made for servicing, while carrying out refilling of fire extinguisher. In case refilling is not carried out, only Servicing charges per extinguisher will be paid.**
- b) In case of a serious lapse or non-fulfillment of any terms & conditions, the contract is liable to be canceled with forfeiture of the 'security deposit'. Beside this Bank may take suitable action as deemed necessary.
- c) The Bank reserves the right through the P&E Department to make changes in method and specifications of work within the overall framework of the terms and the basket of products.
- d) The Bank also reserves the right to seek downward revision of prices after the initial fixed rate period, if it finds that the prices have fallen 30% or more of the equipment being supplied.
- e) All components/sub-assemblies/spares used shall be as per the Technical Specifications approved by the Bank.
- f) The Bank, through its Fire Officer reserves the right and the vendor shall arrange to have a functional/performance test of any equipment carried out to verify the performance parameters of the equipment. In case of any deficiencies observed the contractor concerned shall be responsible for rectification of the equipment at his cost.
- g) The responsibility for maintaining the fire extinguishers during the currency of Warranty and AMC would be that of the concerned contractor who has to diarize the schedule and ensure that the needful is done on or before the due date, but not more than 10 days before the due date.
- h) The equipment shall not have been manufactured more than **6 months prior** to the date of installation.
- i) **Warranty period:** For new supply of the Extinguisher, It shall be **12 calendar months** from the date of installation against any manufacturing defects.

- j) **LIFE OF FIRE EXTINGUISHERS** : Life cycle of fire extinguisher will be as per IS Standard :

S. No..	Type of Extinguisher	Life Time (Year)
1	Water type	10
2	Foam type	10
3	Powder type	10
4	Carbon dioxide	15
5	Clean agent	10

NOTES

- i. Life of extinguishers shall be considered from date of manufacture of extinguishers.
- ii. In case of failure in hydraulic pressure testing, extinguisher shall be rejected immediately before the life time given above.

- k) **ABC TYPE 5 Kg AUTOMATIC MODULAR FIRE EXTINGUISHER:** Maintenance Scheduled for Maintenance/Refilling/Hydraulic pressure test of ABC type 5 Kg Automatic Modular Fire Extinguisher will be carried out as per the scheduled of Dry powder (stored pressure ,IS:13849) as laid down in BIS 2190:2010

10. PERFORMANCE GUARANTEE DEPOSIT & PENALTY:

- a) Beyond 15 days of getting the work order shall attract Rs.100/- per day to a maximum of 5% of the total value of the work order shall be imposed for the delay period. This will cater for penalty for the delay in services of refilling & maintenance/installation period of the equipment at the branches/offices.
- b) In case of supply of sub-standard material/acts, contrary to the laid down norms, or on detection of any tendency to cheat the Bank, the contract with the firm will be terminated without prior notice and firms will be delisted or blacklisted from the Bank.
- c) **All complaints are to be attended within the following time frame under AMC from the date/time of lodging complaint/request: Urban – upto 24 hours Sub urban/ Rural Area - maximum 2 working days.**
- d) Any liability arising out of any litigation (including those in consumer courts) due to any act or omission of the Vendor shall be directly borne by the Vendor

including all expenses/fines. If any money shall, as the result of any instructions from the Labour Authorities or claim or application made under any of the Labour laws, or Regulations, be directed to be paid by the Bank, such money shall be deemed to be payable by the Any liability arising out of any litigation (including those in consumer courts) due to any act or omission of the Vendor shall be directly borne by the Vendor including all expenses/fines. If any money shall, as the result of any instructions from the Labour Authorities or claim or application made under any of the Labour laws, or Regulations, be directed to be paid by the Bank, such money shall be deemed to be payable by the Any liability arising out of any litigation (including those in consumer courts) due to any act or omission of the Vendor shall be directly borne by the Vendor including all expenses/fines. If any money shall, as the result of any instructions from the Labour Authorities or claim or application made under any of the Labour laws, or Regulations, be directed to be paid by the Bank, such money shall be deemed to be payable by the Vendor to the Bank within seven days. The State Bank of India, without prejudice to other rights/remedies available to the Bank, shall be entitled to recover the amount from the Vendor by deduction from money due to the Vendor or from the security deposit money.

- e) During the course of contract, if any the Vendor are found to be indulging in any corrupt practices causing any loss of revenue to the Bank, Bank shall be entitled to terminate the contract forthwith duly forfeiting the Vendor's Security deposit amount.
- f) The State Bank of India, without prejudice to other rights/remedies available to the Bank, shall be entitled to recover the amount of penalty or otherwise from the Vendor by deduction from money due to the Vendor or from the security deposit money.

11. Compliance with Tax Laws:

The Vendor shall ensure full compliance with tax laws of India with regard to this contract and shall be solely responsible for the same. The Vendor shall keep the Bank fully indemnified against liability of tax, interest, penalty etc. of Vendor in respect thereof, which may arise.