



**Reserve Bank of India
Estate Department
C.B.D. Belapur**

**NOTICE INVITING e-TENDER (NIT)
(Only through e-procurement)**

IMPORTANT INFORMATION and SCHEDULE OF TENDER (SOT)

(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])

Name of Work:	Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur.
Date and time of Invitation of e-Tender	July 10, 2025; 15:00 Hrs
Date and time of Pre-bid meeting	August 07, 2025; 15:00 Hrs (Offline) Venue: Estate Cell 2nd floor, Reserve Bank of India, H.H Nirmala Devi Marg, Sector -10, CBD Belapur, Navi Mumbai.
Date of Starting of e-Tender for submission of online Techno-Commercial Bid and price Bid at www.mstcecommerce.com/eprocn	From: August 01, 2025
Last date of Submission of e-Tender	August 20, 2025; 12:00 Hrs
Date and time of opening of e-Tender	August 20, 2025; 15:00 Hrs

e-tender invited through e-procurement website - <https://www.mstcecommerce.com/eprocn>



Reserve Bank of India / भारतीय रिजर्व बैंक
Estate Department / संपदा विभाग
Belapur / बेलापुर

(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])

e-TENDER FOR

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur.

Part I (Techno-Commercial Bid)

Name of Bidder: _____

Address: _____

Contact (LL): _____ **Mobile** _____

Email ID: _____

e-Tender no	(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])
Date and time of e-Tender available for Downloading	July 10, 2025; 15:00 Hrs
Availability of Tender for submission of bids (Part I and Part II)	From: August 01, 2025
Date and time of Pre-bid meeting	August 07, 2025; 15:00 Hrs (Offline) Venue: Estate Department 2nd floor, Reserve Bank of India, H.H Nirmala Devi Marg, Sector - 10, CBD Belapur, Navi Mumbai.
Last date of Submission of e-Tender	August 20, 2025; 12:00 Hrs
Date and time of opening of e-Tender	August 20, 2025; 15:00 Hrs

DISCLAIMER

Reserve Bank of India, Estate Department, Belapur, has prepared this document to give background information on the Project to the interested parties. While Reserve Bank of India has taken due care in the preparation of the information contained herein and believe it to be accurate, neither Reserve Bank of India nor any of its authorities or agencies nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

The information is not intended to be exhaustive. Interested parties are required to make their own inquiries and respondents will be required to confirm in writing that they have done so, and they do not rely only on the information provided by RBI in submitting the Tender. The information is provided on the basis that it is non-binding on Reserve Bank of India or any of its authorities or agencies or any of their respective officers, employees, agents or advisors.

Reserve Bank of India reserves the right not to proceed with the Project or to change the configuration of the Project, to alter the timetable reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the matter further with any party expressing interest.

No reimbursement of cost of any type will be paid to persons or entities expressing interest.

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निविदा की अनुसूची (एसओटी)

1. ई-निविदा संख्या:	(आरबीआई/बेलापुर क्षेत्रीय कार्यालय/एस्टेट/6/25-26/ईटी/259[फायर अलार्म सिस्टम का डीएसआईटीसी-एमओबी])
2. कार्य का नाम:	आरबीआई बेलापुर के बैंक मुख्य कार्यालय भवन और एनेक्स भवन के लिए इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म सिस्टम का डिजाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएसआईटीसी)।
3. निविदा का तरीका:	ई-प्रोक्योरमेंट सिस्टम, ऑनलाइन (भाग I - तकनीकी-वाणिज्यिक बोली और भाग II - वित्तीय बोली) वेबसाइट https://www.mstcecommerce.com/eproc के माध्यम से
4. तिथि और समय जिससे एनआईटी (पूर्ण निविदा दस्तावेजों के साथ) पार्टियों को वेबसाइट पर डाउनलोड करने के लिए उपलब्ध होगी	10 जुलाई, 2025 को, 15:00 बजे से। https://www.mstcecommerce.com/eproc
5. प्री-बिड मीटिंग की तिथि और स्थान (ऑफ़लाइन)	07 अगस्त, 2025 को 15:00 बजे (ऑफ़लाइन) स्थान: संपदा विभाग, भारतीय रिज़र्व बैंक, दूसरी मंज़िल, बेलापुर।
6. कार्य की अनुमानित लागत:	₹ 58,00,000/- (रुपये अठ्ठावन लाख मात्र)।
7. बयाना राशि जमा (ईएमडी)	₹1,16,000/- निविदा के पैरा 3.11.1 के अनुसार एनईएफटी/डिमांड ड्राफ्ट/बैंक गारंटी के रूप में संपदा विभाग, दूसरी मंज़िल, भारतीय रिज़र्व बैंक, बेलापुर में व्यक्तिगत रूप से जमा की जानी चाहिए। एनईएफटी लेनदेन के लिए खाता विवरण निम्नानुसार हैं: लाभार्थी का नाम: आरबीआई बेलापुर लाभार्थी खाता संख्या: 186003001 आईएफएससी: आरबीआईएस0एनएमपीए01 (आईएफएससी में पाँचवाँ और दसवाँ अक्षर शून्य है) कृपया एनईएफटी लेनदेन टिप्पणी में अपना नाम/कंपनी का नाम लिखें।

	<p>इच्छुक बोलीदाताओं को सलाह दी जाती है कि वे लेनदेन संख्या के साथ ईएमडी के प्रेषण का प्रमाण (स्कैन की गई प्रति) निम्नलिखित ई-मेल आईडी पर अपलोड/भेजें:</p> <p>(a) estatebelapur@rbi.org.in (b) sahilmittal@rbi.org.in (c) bhagyashrim@rbi.org.in</p>
8. ईएमडी के लिए डीडी/बैंक गारंटी जमा करने की अंतिम तिथि:	20 अगस्त, 2025 को 12:00 बजे से पहले।
9. प्रदर्शन बैंक गारंटी (पीबीजी)	अनुबंध राशि का 10%।
10. कार्य प्रारंभ करने के लिए लिखित आदेश की तिथि के 14वें दिन से कार्य पूरा करने के लिए अनुमत समय:	120 दिन।
11. https://www.mstcecommerce.com/eprocn पर तकनीकी-वाणिज्यिक बोली और वित्तीय बोली की आरंभ तिथि	01 अगस्त, 2025 से।
12. तकनीकी-वाणिज्यिक बोली और वित्तीय बोली प्रस्तुत करने के लिए ऑनलाइन ई-निविदा बंद होने की तिथि	20 अगस्त, 2025 को 12:00 बजे।
13. भाग-I (अर्थात तकनीकी-वाणिज्यिक बोली) के खुलने की तिथि और समय	20 अगस्त, 2025 को 15:00 बजे।
14. भाग-II (अर्थात वित्तीय बोली) के खुलने की तिथि और समय	पात्र बोलीदाताओं को सूचित किया जाएगा।
15. लेनदेन शुल्क	ई-खरीद में भागीदारी के लिए शुल्क एमएसटीसी लिमिटेड को एमएसटीसी गेटवे/एनईएफटी/आरटीजीएस के माध्यम से एमएसटीसी लिमिटेड के पक्ष में या मेसर्स एमएसटीसी लिमिटेड द्वारा सलाह के अनुसार भुगतान किया जाएगा।
16. पोर्टल से डाउनलोड के लिए निविदा शुल्क	जैसा लागू हो

SCHEDULE OF TENDER (SOT)

1. e-Tender No.	(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])
2. Name of the Work:	Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur.
3. Mode of Tender:	e-Procurement System, online (Part I – Techno-Commercial Bid and Part II - Financial Bid) through the website https://www.mstcecommerce.com/eprocn
4. Date & time from which NIT (along with complete tender documents) will be available to the parties to download at website https://www.mstcecommerce.com/eprocn	On July 10, 2025, from 15:00 hrs.
5. Date and venue of the Pre-Bid Meeting (offline)	On August 07, 2025, at 11:00 Hrs. Venue: - Estate Dept. Reserve Bank of India, H.H Nirmala Devi Marg, Sector-10, CBD Belapur, Navi Mumbai
6. Estimated cost of the work:	₹ 58,00,000/- (Rupees Fifty-Eight lakhs only).
7. Earnest Money Deposit (EMD)	<p>₹1,16,000/- only in the form of Demand Draft / Bank Guarantee or through NEFT as per para 3.11.1 of the tender to be submitted in person at Estate Department, H.H Nirmala Devi Marg, Sector-10, CBD Belapur, Navi Mumbai.</p> <p>The account details for NEFT transactions are as under: Beneficiary Name: RBI Belapur Beneficiary A/c No: 186003001 IFSC: RBIS0NMPA01 (Fifth and Tenth characters in IFSC are Zero)</p> <p>Kindly mention your name/ company name in the NEFT Transaction remarks.</p> <p>The intended bidders are also advised to upload / send the proof (scanned copy) of remittance of EMD with transaction number to the following e-mail ID:</p>

	(a) estatebelapur@rbi.org.in (b) sahilmittal@rbi.org.in (c) bhagyashrim@rbi.org.in
8. Last date of submission of DD/ Bank Guarantee for EMD	Before 12:00 hrs., on August 20, 2025.
9. Performance Bank Guarantee (PBG)	10 % of Contract amount excluding buyback.
10. Time allowed for completion of the works from 14 th day after the date of written order to commence work	120 Days.
11. Bidding start date of Techno-commercial Bid and Financial Bid at https://www.mstcecommerce.com/eprocn	From August 01, 2025.
12. Date of closing of online e-Tender for submission of Techno-commercial Bid and Financial Bid	On August 20, 2025, up to 12:00 hrs.
13. Date & Time of opening of Part-I (i.e., Techno-Commercial Bid)	On August 20, 2025, at 15:00 hrs.
14. Date & Time of opening of Part- II (i.e., Financial Bid)	Will be intimated to the eligible bidders.
15. Transaction fees	Charges for participation in e-procurement will be made to M/s MSTC Ltd. through MSTC Gateway/NEFT/RTGS in favour of MSTC Limited or as advised by M/s MSTC Ltd.
16. Tender fees for download from portal	Nil.



Reserve Bank of India / भारतीय रिजर्व बैंक
Estate Department / संपदा विभाग
Belapur / बेलपुर

NOTICE INVITING e-TENDER (NIT)

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur.

1. Tenders by e- tendering process are invited for the "Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur".

The work is estimated to cost ₹58 Lakhs/- and is to be completed within 120 days from the 14th day after the date of issue of work order.

Eligibility Conditions:

2. All Pre-Qualification documents **shall be uploaded with Techno-commercial bid (Part-I) on MSTC portal. Those who do not upload the Pre-qualification documents would not be considered for this tender process. Further, the contractor should submit the original of the documents to the Bank when demanded to qualify for further tendering process.**

3. Only those OEM or authorized dealers with valid dealership certificate who are GST registered and have **minimum 5 years of experience (i.e., works to be executed on or before June 30, 2020)** in the field of work of similar nature (i.e. **Design, Supply, Installation, Testing and commissioning of Intelligent Analog Addressable Fire Alarm**) for the large office buildings / commercial premises / industrial houses / Data or Network Centres.

and

4. Have executed similar works i.e., **DSITC of Intelligent Analog Addressable Fire Alarm System** during the **last 5 years (Corresponding Work orders justifying Work experience must be completed on or before June 30, 2025)** individually costing:

a. Three works each costing not less than the amount equal to 40% of the estimated cost

or

b. Two works each costing not less than the amount equal to 50% of the estimated cost

or

c. One work costing not less than the amount equal to 80% of the estimated cost during last 5 years

and

5. Have a minimum yearly turnover of 100% of the estimated cost during the last 3 years (2022-23, 2023-24 and 2024-25)

and

6. Have a service set up in Mumbai / Navi Mumbai for rendering after sales service are eligible for tender.

7. Only those contractors will be considered eligible who will invariably furnish/ upload, at the time of applying for e-tender, the following information to satisfy the Bank about their eligibility for participating in the tendering process.

(a)	Composition of the firm	Full particulars (whether contractor is an individual, or a partnership firm, or a company etc.) of the composition of the firm of contractors in detail should be uploaded along with name(s) and address (es) of the partners, copy of the Articles of Association / Power of Attorney / any other relevant document.
(b)	Work experience & Completion of similar works of specified value during the specified period.	<p>Copies of the detailed work order indicating date of award, value of awarded work, time given for completing the work, etc. and the corresponding completion certificates indicating actual date of completion and actual value of executed similar works should be uploaded in proof of the work experience.</p> <p>The details along with documentary evidence of previous experience, if any, of carrying out works for the Reserve Bank of India at any center should also be given.</p>
(c)	Creditworthiness of the contractor & their Turnover during the specified period.	Copies of the Income Tax Clearance Certificates / Income Tax Assessment Orders along with the latest final accounts of the business of the contractor duly certified by a Chartered Accountant should be uploaded in proof of their creditworthiness and turnover for last three years.
(d)	Service Set-up	Certificate from the manufacturers / any other valid document in support of having a full-fledged service setup at Mumbai / Navi Mumbai should be uploaded .
(e)	Name(s) & address (es) of the Bankers and their present contact executives	Written information about the names and addresses of their bankers along with full details, like names postal addresses, e-mail IDs, telephone (landline and mobile) nos. fax nos., etc., of the contact executives (i.e., the persons who can be contacted at the office of their banker by the Bank in case it is so needed) should be uploaded .
(f)	Details of bank accounts	Full particulars of their bank accounts, like account No., type, when opened, IFSC Code, etc., should be given.

(g)	Name (s) & address (es) of the Clients and their present contact executives	Information about the names and addresses of their clients along with full details, like names postal addresses, e-mail IDs, telephone (landline and mobile) nos. fax nos., etc., of the contact executives (i.e., the persons who can be contacted at the office of their banker by the Bank in case it is so needed) should be furnished.
(h)	Details of completed works	The Client-wise names of work(s), year(s) of execution of work(s) , awarded and actual cost(s) of executed work(s), completion time stipulated in the contract (s) and actual time taken to complete the work (s), name(s) and full contact-details of the officer / authorities / departments under whom the work (s) was / were executed should be furnished.
(i)	Client Certificates	The tenderers are advised to upload the Client Certificate as per enclosed Proforma (Annex-VII) from at least two of their clients for whom they have carried out eligible works in terms of eligibility (Pre-qualification) criteria described in the notice inviting tenders. Client Certificates shall be accepted by the applicant / tender inviting authority of Reserve Bank of India only when the same are signed by an official of the rank of Executive Engineer or equivalent in respect of a Government / Semi Government organization or a PSU and only when they are supported by adequate proof of payment received by the tender for the work done by them. The client certificate issued by the private organization shall also accompany Tax Deducted at source (TDS) certificate. Applications / tenders received without the specified certificates in specified format shall be rejected and the Bank shall have the right to independently verify the submitted certificates
(j)	Banker's certificate	The tenderers are advised to upload the Banker's certificate from their banker / bankers as per (Annex-IV). Such certificate shall be addressed to the application / Tender inviting Authority of the Reserve Bank of India and shall be submitted along with their application / tender.

8. Interested tenderers have to upload relevant documents satisfying all the points as stated above along with techno-commercial (Part-I) bid of tender. The same Eligibility documents and the scanned copy of EMD should be uploaded with Techno Commercial Bid (Part-I) on the MSTC portal. **It is to be duly noted that the tender process shall be executed on the MSTC portal through e-Tendering.**

9. In the event of intending tenderers' failure to satisfy the Bank; the Bank reserves the right to **refuse their participation.**

10. Tenders form will be available for downloading w.e.f July 10, 2025, from 15:00 Hrs and a pre-bid meeting will be held on August 07, 2025, at 15:00 Hrs at the RBI, Belapur, Navi Mumbai.

11. Tenders form can be downloaded for viewing from RBI website www.rbi.org.in or www.mstcecommerce.com/eproc. **The pre-Qualification papers and scanned copy of proof of EMD payment should be uploaded with Techno Commercial Bid (Part-I) on the MSTC portal. The Demand Draft or Bank Guarantee for EMD should reach in original in a sealed envelope to The Chief General Manager, Estate Department, Reserve Bank of India, H.H Nirmala Devi Marg, Sector -10, CBD Belapur, Navi Mumbai by August 20, 2025, till 12:00 Hrs. If paid through NEFT, the NEFT receipt should be uploaded along with pre-qualification documents.**

Interested vendors/firms can participate in e-Tender after getting registration with www.mstcecommerce.com/eproc. Online Part I – Techno-Commercial Bid and Part II – Price Bid shall be opened through same portal and applicable transaction charges have to be paid by the firm.

12. Tender in prescribed format shall be **submitted** in two parts. Part-I of tender will contain the Bank's standard technical and commercial conditions for the proposed work, tenderers' covering letter, the **EMD of ₹1,16,000/- should be submitted through NEFT transfer to A/C No-186003001, Reserve Bank of India, IFSC Code- RBIS0NMPA01, Branch Name – RBI, Belapur, Branch Address – Reserve Bank of India, H.H Nirmala Devi Marg, Sector -10, CBD Belapur, Navi Mumbai Or by a Demand Draft issued by a Scheduled Commercial Bank in favour of 'Reserve Bank of India, Belapur' Or in the form of an irrevocable bank guarantee issued by a scheduled Commercial bank in the Bank's standard proforma which is available in the tender-form along with pre-Qualification documents. The documents pertaining to EMD should be scanned and uploaded with the pre-Qualification documents.**

Part-II of the tender will contain no conditions but Tenderer's Price Bid, Bank's Schedule of quantities, tender drawings, if any, only.

13. Part-I of the tenders will be submitted by the Tenderers in MSTC portal. The same will be opened by RBI on August 20, 2025, at 15:00 hrs. Those tenderers who would like to depute their representatives, may depute their representatives to Reserve Bank of India, Estate Department, H.H Nirmala Devi Marg, Sector -10, CBD Belapur, Navi Mumbai for the same. Part II of the tender will be opened later. Due intimations will be given for the same.

14. The Bank shall obtain reports on the past performance of the tenderer from his clients and bankers. The Bank shall evaluate the said reports before opening of the Part-II of the tenders. If any tenderer is not found to possess the required eligibility for participating in the tendering process at any point of time and / or his performance reports received from his clients and / or his bankers and found unsatisfactory, the Bank reserves the right to **reject his offer** even after opening of Part-I of the tender. The Bank is not bound to assign any reason for doing so.

15. The Bank is not bound to accept the lowest tender and reserves the right to accept either in full or in part of any tender. The Bank also reserves the right to reject all the tenders without assigning any reason thereof.

16. The firm needs to fill and upload the scanned filled following documents along with the tender part-I on the MSTC portal:

- a. Particulars of firm,
- b. List of approved makes (Section H)
- c. Proforma for details of Principal Banker and other Bankers

- d. Proforma for details of similar works (each costing not less than mentioned) executed in last five years (from the date of submission)
- e. Check list – General Condition and Commercial Conditions (Section P & Q) as per proforma given in the tender (Please refer para 3 of the page No. 5).

NOTE:

1. Participating bidders will be considered for purchase preference under Public Procurement (Preference to Make in India), PPP – MII order – 2017 Revised, Government of India, subjected to their submission of self-certifications & fulfilment of all other documents, conditions of the above “PPP – MII order – 2017 Revised” of Government of India.

17. Mandatory Bidding Requirements:

1. The Bidder shall be any one of the approved National/ International Distributors or Original Equipment Manufacturer (OEM) for FACP (Fire Alarm Control panel) and related components and Certificate in support shall be provided in Part - I.
2. Only OEM or Indian authorized dealer with valid dealership certificate are eligible for participation in the bidding process. **Furnishing authorization certificate from OEMs for the exclusive purpose for participation in this tender shall not be acceptable and such tender bids shall be summarily rejected.**
3. The Indian distributor shall have an established relationship with the OEM, quantifiable by a track record in terms of jobs executed using the OEM's systems.
4. The Bidder should have Technical back up on design; installation and commissioning of FDA system from the principal, and certificate to this effect from the principals should be submitted.
5. The OEM (/Bidder) shall give a Certificate stating that their system is approved by UL/FM.
6. The Indian Distributor shall have in India, their service network and give guarantee for availability of spares for at least 8 years.

Place: Belapur.

Date: -----, 2025.

Chief General Manager, Belapur

Important instructions for e-procurement

This is an e-procurement event of RBI. The e- procurement Service Provider/Contractor is the MSTC Limited.

You are requested to read and understand the Notice Inviting Tender and subsequent corrigenda if any, before submitting your online tender.

1) Process of E-tender:

A) Registration: The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing and encryption type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. RBI is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE ONLY AT www.mstcecommerce.com/eprocn/ (Version 3)

1) Vendors are required to register themselves online with <https://www.mstcecommerce.com/eprocn> Register as Vendor -- Filling up details and creating own user id and password Submit. For further details, go to Download Guide / Video / Registration- Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact RBI/ MSTC, (before the scheduled time of the e- tender).

Contact person (MSTC) For Vendors:

HO Central Help Desk: (For vendors)

Phone Number :07969066600

helpdeskho@mstcindia.in (Please mention "HO Helpdesk" as subject while sending emails)

WRO Helpdesk:7651915418/02269856817/02269856800

Availability:

9:30 AM to 5:00 PM on all working days for all technical issues e-Tenders, System settings etc.

Contact person (MSTC, WRO)

Tanmoy Sarkar, Deputy Manager, Mobile: 8349894664

Contact person at RBI

i) Shri Sahil Mittal, Manager, Estate Cell, E-mail ID sahilmittal@rbi.org.in;

Phone no:022-27523136

ii) Smt. Bhagyashri Santoshanand Mugaonkar, Asst. Manager,

bhagyashrim@rbi.org.in; Phone: 022 -27523057

iii) Shri. V.Vishwamurthy, Asst. Manager (Tech.-Elect.), vvishwamurthy@rbi.org.in;

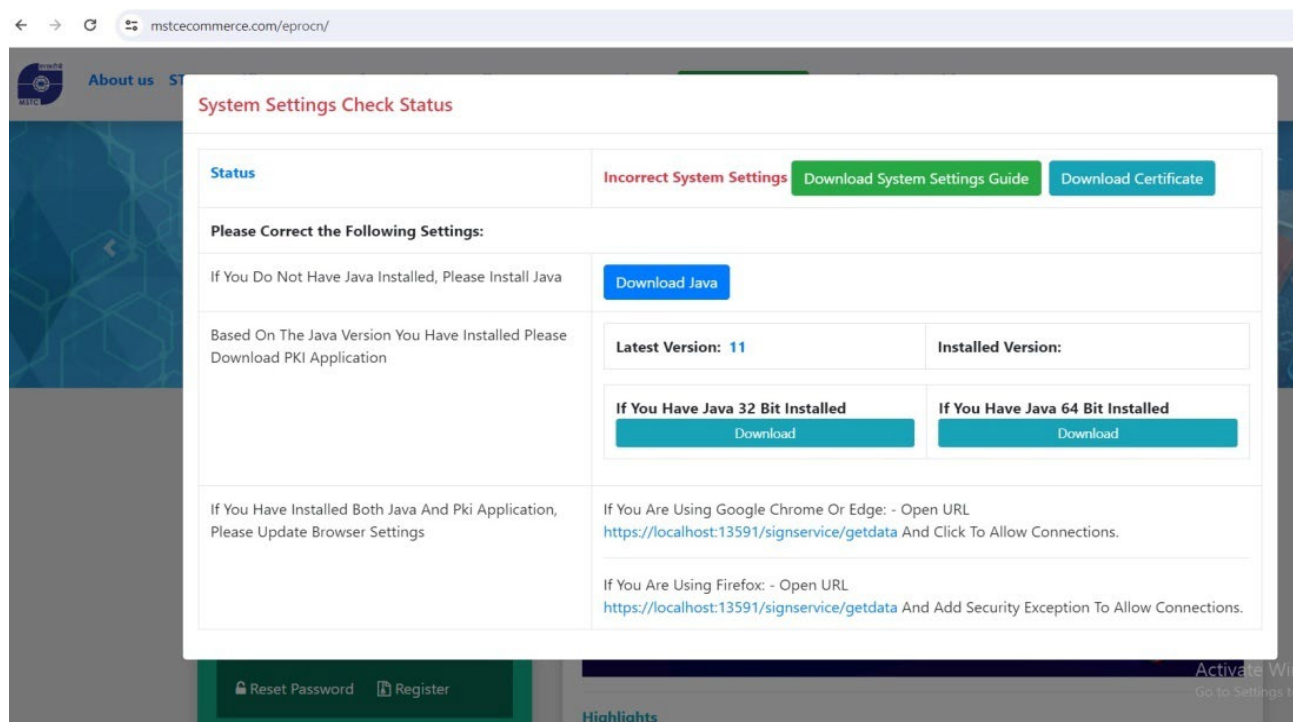
Phone : 022 -27523015

iv) Shri. Chandan Patil, J.E (Elect.), chandanpatil@rbi.org.in, Phone: 022-27523018

Guide.

1. System Requirement:

For details, vendor may refer to the **DOWNLOAD SYSTEM SETTING GUIDE** available <https://www.mstcecommerce.com/eproc/>



2 Special Note towards Transaction fee: The vendors shall pay the transaction fee using “Transaction Fee Payment” Link against the specific tender in the “Bid Floor”/through the “Pay Transaction fee” in “Event catalog” through their login. Service Provider / Contractor / Vendor shall have the facility of making the payment either through NEFT or Online Payment. On selecting NEFT, Service Provider / Contractor / Vendor shall generate a challan by filling up a form. Service Provider / Contractor / Vendor shall remit the transaction fee amount as per the details printed on the challan without making change in the same. On selecting Online Payment, Service Provider / Contractor / Vendor shall have the provision of making payment using its Credit / Debit Card / Net Banking. Once the payment gets credited to MSTC’s designated bank account, the transaction fee shall be auto authorized.

Transaction fee is non-refundable. A vendor will not have the access to online e- tender without payment of the transaction fee.

NOTE: Bidders are advised to remit the transaction fee well in advance before the closing time of the event so as to give themselves sufficient time to submit the bid.

3. Information about tenders / corrigenda shall be sent by email only during the process till finalization of tender. Hence the vendors are required to ensure that their corporate email I.D.

provided is valid and updated at the time of registration of vendor with the MSTC Ltd. Vendors are also requested to ensure validity of their class III signing and encryption type of DSC (Digital Signature Certificate).

4 E-tender cannot be accessed after the due date and time mentioned in NIT (Notice inviting tender).

5 **Bidding in E-tender:**

Note: Vendors are instructed to use **Upload Documents** link in My menu to upload documents in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.

Once documents are uploaded in the library, vendors can attach documents through **Attach Document** link against the particular e-Tender. Please note that if the documents are not attached to any e-Tender, the same cannot be downloaded by RBI and it will be deemed that the vendor has not submitted the documents. For further assistance please follow instructions of vendor guide.

- a) Bidder(s) need to submit necessary EMD, E-Tender fees (If ANY) and Transaction fee separately for the e-tender. Transaction fees if any are non-refundable. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by RBI.
- b) The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid.

The bidder(s) who have submitted the above fees can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → New Common Portal → Bid Floor Manager → live event → Selection of the live event → Transaction fee → Common terms → Attach Documents → Price Bid.

Please Note: The vendor after successful remittance of the transaction fees and EMD details, will get the attach documents and common terms tab enabled in their login. Post successful completion of this step, the vendors will be allowed to save the lot specific terms and submit their price bid against the lot through the portal or download and upload the excel file for submitting price bids, as the case may be. In case the attach documents and/or saving common terms step is unsuccessful, the tabs for saving lot specific terms and submitting price bid would be disabled. The status of whether the same is successful/pending would be displayed in the bid status button.

- c) First the vendor needs to fill up the Commercial specification if any and save it. Then the vendor should fill up the Techno-commercial bid. After filling the Techno-Commercial Bid,

bidder should click 'save' for recording their Techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to be filled up and then bidder should click on "save" to record their price bid. Then once both the Techno-Commercial bid & price bid has been saved, the bidder can click on the "Final Submission" button to register their bid

NOTE: - After clicking the final submission "Delete bid" option would be shown. If the vendor wants to delete the bid after final submission and re-submit the bid, then he/she should click delete bid and resubmit the same and again click final submission.

- d) In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.
- e) During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.
- f) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- g) All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply/work. Such successful tenderer shall be called hereafter **SUPPLIER/CONTRACTOR**.
- h) It is mandatory that all the bids are submitted with class III signing and encryption type of digital signature certificate otherwise the same will not be accepted by the system.
- i) Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- j) No deviation of the terms and conditions of the e-Tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the e-Tender.
- k) Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.

Date: -

Place: -

Signature and seal of the Tenderer

Name and address:

Phone/Mobile no.

e-mail

Section-I

Form of e-Tender

To,
The Chief General Manager
Reserve Bank of India
Estate Department,
H.H Nirmala Devi Marg, Sector-10,
CBD Belapur, Navi Mumbai,
Maharashtra – 400614.

Dear Sir/Madam,

We have carefully examined the specifications, designs and schedule of quantities relating to the works specified in the memorandum hereinafter set out and having visited and examined the installation site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the e-Tender. We hereby offer to execute the works specified in the said memorandum within the time specified in the said memorandum at the rates mentioned in the attached Schedule of Quantities and in accordance in all respects with specifications, designs and instructions in writing referred to in articles of agreement, general instructions to the Tenderers and special conditions, conditions hereinbefore referred to, specifications, data sheet and schedule of quantities and with such materials as are provided for, by and in all other respects, in accordance with such conditions so far as they may be applicable.

MEMORANDUM

(a)	e-Tender No.	RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB]
(b)	Description of works	Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur, Navi Mumbai.
(c)	Estimated cost	₹58 Lakh/-
(d)	Mode of payment	As per clause 3.12 General Instructions to Tenderers and Special Conditions.
(e)	Earnest Money	₹1,16,000/-
(f)	Time allowed for completion of work from 14 th day after the date of letter advising acceptance of e-Tender.	120 Days
(f)	Performance Bank Guarantee	10 % of Contract amount excluding buyback.

2. We also agree that our e-Tender will remain **valid for acceptance by the Bank for 90 days from the date of opening of Part I of the e-Tender** and this period of validity can be extended for such period as may be mutually agreed between the Bank and us in writing. We also agree to keep the Bank Guarantee towards earnest money valid during the entire period of validity of e-Tender, as per enclosed proforma ([Annexure -II](#)).

3. Should this e-Tender be accepted, I/we hereby agree to abide by and fulfil all the Terms and Conditions of the e-Tender and in default thereof, to forfeit and pay to you or your successors, or assignees or nominees such sums of money as are stipulated in the conditions contained in the e-Tender together with the written acceptance of the Contract.

4. I/We understand that you reserve the right to accept or reject any or all the e-Tender either in full or in part without assigning any reason therefor. We have deposited a sum of **₹ 1,16,000/-** as earnest money with the Reserve Bank of India, which amount is not to bear any interest. Should we fail to execute the Contract when called upon to do so, we do hereby agree that this sum shall be forfeited by us to the Reserve Bank of India.

5. The e-Tender documents are duly signed, filled and submitted / uploaded in two parts separately through online. Part I contains all commercial terms and conditions and technical particulars and Part II contains only the price bid in the Bank's proforma.

Dated this _____ day of _____ 2025.

For and on behalf of M/s _____

(Signature with seal)

Name _____
Designation _____
Place _____
Date _____

(Certified true copy of the Power of Attorney of the above signatory should be enclosed).

Witnesses

(1) Signature with
name, address and date _____

(2) Signature with
name, address and date _____

Section-II

करार की शर्तें /Articles of Agreement

यह करार वर्ष 2025 को _____ तारीख को बेलापुर में, प्रथम पक्षकार भारतीय रिज़र्व बैंक जिसका मुख्य कार्यालय _____ में है (जिसे आगे बैंक/नियोक्ता कहा जाएगा) तथा द्वितीय पक्षकार मेसर्स ----- जिसका पंजीकृत कार्यालय ----- में स्थित है (जिसे आगे ठेकेदार कहा जाएगा) के बीच किया जाता है।

ARTICLES OF AGREEMENT made the _____ day of _____ month of Year 2025 between the Reserve Bank of India, Belapur having its Central Office at Mumbai (hereinafter called "The Bank / Employer") on the other part and M/s _____, having its office at _____ (hereinafter referred to as the "Contractor") which expression shall unless it is repugnant to the context or meaning thereof deemed to include his heirs, representatives, administrators and assigns of the OTHER part

जबकि नियोक्ता, आरबीआई, बेलापुर में बैंक के मुख्य कार्यालय भवन और एनेक्सी भवन के लिए इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म सिस्टम का डिजाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएसआईटीसी) करवाने का इच्छुक है और उसने निर्धारित कार्य की ड्राइंग, विशिष्टताओं और परिमाणों की सूची आमंत्रित की है। तथा जबकि संख्या _____ से, तक की उक्त ड्राइंग, विशिष्टताओं, और परिमाणों की सूची के संबंध में पार्टियों या उनकी ओर से हस्ताक्षर किए गए हैं।

WHEREAS the Employer is desirous of **Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur** (hereinafter called "the said work") and has caused drawings, specifications and schedule of quantities describing the work to be done. AND WHEREAS the said drawings from Numbers _____ to _____, the specifications, and the schedule of quantities have been signed by or on behalf of the parties hereto.

और जबकि ठेकेदार निर्धारित शर्तों और विशेष परिस्थितियों में निर्धारित शर्तों के अनुसार और संविदा की परिमाणों की सूची और संशोधित शर्तों के अधीन काम करने के लिए सहमत है और अंतिम रूप से दोनों पक्षों द्वारा स्वीकृत है (जिसे आगे संयुक्त रूप से "उक्त शर्तें" कहा जाएगा), उक्त ड्राइंग में दर्शाए गए और / या उक्त विशिष्टताओं में वर्णित कार्यों और इसमें निर्धारित दरों पर परिमाणों की सूची में शामिल, राशि के बराबर या इसके समान राशियों (जिसे आगे "उक्त अनुबंध राशि" कहा जाएगा) के लिए देय होगा।

AND WHEREAS the Contractor has agreed to execute upon the subject work to the conditions set forth herein and to the conditions set forth in the special conditions and in the schedule of quantities and conditions of Contract as modified and finally accepted by both the parties (all of which are collectively hereinafter referred to as "the said Conditions") the works shown upon the said drawings and/or described in the said Specifications and included in the Schedule of quantities at the respective rates therein set forth, amounting to the sum as therein arrived at or such other sum as shall become payable there under (hereinafter referred to as "the said Contract Amount").

अब दोनों पक्ष पारस्परिक रूप से इस पर निम्नानुसार सहमत हैं :

NOW IT IS HEREBY AGREED AS FOLLOWS:

उक्त संविदा के संबंध में भुगतान समय पर और संविदा की उक्त शर्तों के अनुसार किया जाना है, ठेकेदार उक्त शर्तों के अधीन ड्राइंग में दर्शाए गए और उक्त विशिष्टताओं तथा परिमाणों की अनुसूची में वर्णित कार्य को निष्पादित करेगा और पूरा करेगा।

In consideration of the said Contract amount to be paid at the times and in the manner set forth in the said conditions, the Contractor shall, upon and subject to the said conditions, execute and complete the work shown upon the said drawings and described in the said specifications and the schedule of quantities.

2.1. नियोक्ता, ठेकेदार को उक्त संविदा राशि या किसी अन्य राशि का भुगतान उस समय और उक्त शर्तों में निर्दिष्ट नियमों के अनुसार करेगा।

The Employer shall pay the Contractor the said Contract amount or such other sum as shall become payable at the times and in the manner specified in the said conditions.

2.2 उक्त शर्तों में "आर्किटेक्ट" शब्द का अर्थ प्रभारी महाप्रबंधक, भारतीय रिजर्व बैंक, बेलापुर से है और किसी भी कारण से इस अनुबंध के प्रयोजन हेतु उनको आर्किटेक्ट नहीं होने पर, ऐसे अन्य व्यक्ति या व्यक्तियों को नियोक्ता द्वारा उक्त प्रयोजन के लिए नामित किया जाएगा, जो ऐसा व्यक्ति नहीं होगा जिस पर ठेकेदार किसी कारण से आपत्ति उठाए और नियोक्ता उसे उपर्युक्त माने, बशर्ते कि कोई व्यक्ति अथवा व्यक्तियों जिसे बाद में आर्किटेक्ट के रूप में नियुक्त किया गया हो, को लिखित में दिए गए किसी भी पिछले निर्णयों या अनुमोदन या निर्देश को अनदेखा या खारिज करने का अधिकार नहीं होगा।

The term "Architect" in the said conditions shall mean Chief General Manager, Reserve Bank of India, Belapur and on his ceasing to be the architect for the purpose of this Contract for whatever reason, such other person or persons as shall be nominated for that purposes by the Employer, not being a person to whom the Contractor shall object for reasons considered to be sufficient by the Employer PROVIDED ALWAYS that no person or perhaps persons subsequently appointed to be architect under this Contract shall be entitled to disregard or overrule any previous decisions or approval or direction given or expressed in writing by the architect for the time being.

2.3. उक्त शर्तों और परिशिष्ट और उक्त कार्य के संबंध में निविदा स्वीकृति पत्र की तिथि तक नियोक्ता और ठेकेदार के बीच में हुये किसी भी पत्राचार को इस करार का हिस्सा माना जाएगा और पक्षकारों द्वारा इनका क्रमशः पालन किया जाएगा, स्वयं उक्त शर्तों के अधीन होंगे और उसके अनुसार करार का निष्पादन करेंगे।

The said conditions and Appendix thereto and any correspondence exchanged between the Employer and the contractor in connection with the said work till the date of letter of acceptance of their tender shall be read and construed as forming part of this Agreement and the parties hereto shall respectively abide by, submit themselves to the said Conditions and perform the agreements on their part respectively in the said Conditions contained.

2.4. उक्त शर्तों और उसके परिशिष्ट को इस करार के एक भाग के रूप में माना जाएगा और इसके पक्षकार उक्त शर्तों का पालन करेंगे और शर्तों के अनुसार इस करार को निष्पादित करेंगे।

The said Conditions, Annexures and Appendix thereto shall be read and construed as forming part of this agreement and the parties hereto shall respectively abide by, submit themselves to the said conditions and perform the agreements on their part respectively in the said conditions contained.

2.5. मूल निविदा दस्तावेज की धारा I, II, III, IV, V, VI, VII, VIII और IX के साथ यहां उल्लिखित करार और दस्तावेज और बैंक द्वारा उक्त प्रणाली के रखरखाव हेतु ठेकेदार को भविष्य में जारी किए जानेवाले सभी व्यापक वार्षिक रखरखाव अनुबंध कार्य आदेश इस अनुबंध का आधार होंगे, जो निविदा दस्तावेज में किए गए उल्लेख के अनुसार मान्य रहेंगे।

The agreement and documents mentioned herein along with the Sections I, II, III, IV, V, VI, VII, VIII and IX of the original tender document, Appendix and Annexures, work orders that would be issued by the Bank to the Contractor for the said work shall form the basis of this Contract which will be valid as mentioned in the tender document.

2.6. यह संविदा न तो एक निश्चित एकमुश्त संविदा है और न ही कार्य का एक हिस्सा है, बल्कि यह **आरबीआई, बेलापुर में बैंक के मुख्य कार्यालय भवन और एनेक्सी भवन के लिए इंटेलिजेंट एनालॉग एड्रैसेबल फायर अलार्म सिस्टम का डिजाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएसआईटीसी)** करने हेतु एक संविदा है, जिसके लिए दर अनुसूची में निहित दरों/राशि और संभाव्य मात्रा अथवा उक्त शर्तों में प्रदत्त मात्रा के अनुरूप भुगतान किया जाएगा।

This Contract is neither a fixed lump sum contract nor a piece work but is a contract to carry out the work in respect of provision of **Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent**

Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur to be paid for at the rates/amount contained in the Schedule of Rates and Probable Quantities or as provided in the Said Conditions.

2.7. ठेकेदार उक्त शर्तों में निर्धारित तरीके से सिविल कार्यों और अन्य सहायक कार्यों से संबंधित सभी कार्यों को पूरा करने के लिए हर उचित सुविधा को वहन करेगा और ऐसे कार्यों के पूरा होने के बाद दीवारों, फर्श आदि को हुये किसी भी नुकसान को ठीक करेगा।

The Contractor shall afford every reasonable facility for carrying out of all works relating to electrical works and other ancillary works in the manner laid down in the said conditions, and shall make good any damages done to walls, floors, etc., after the completion of such works.

2.8. नियोक्ता इस संविदा की अवधि के दौरान किसी भी समय कार्य के स्वरूप और ड्राइंग में कुछ जोड़कर अथवा कुछ हटाकर अथवा उसके कुछ भाग को रखकर परिवर्तन करने का स्वयं अधिकार सुरक्षित रखता है जो इस संविदा पर प्रतिकूल प्रभाव डाले बिना होगा।

The Employer reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out at any time during the currency of Contract, without prejudice to this Contract.

2.9 समय अवधि इस करार का महत्वपूर्ण भाग माना जाएगा और ठेकेदार यहाँ सहमति व्यक्त करता है कि उक्त नियम एवं शर्तों के अनुसार कार्य आदेश/स्वीकृति पत्र जारी होने के 14 दिनों के भीतर काम शुरू करेगा और काम शुरू होने की तारीख से **एक सौ बीस (120) दिनों** के भीतर काम को पूरा करेगा [फिर भी इस तरह के फॉर्म द्वारा लिखित रूप में समय के विस्तार के प्रावधानों के अधीन (यानी समझौते के एक विलेख के माध्यम से या पत्रों / ईमेल के आदान-प्रदान के माध्यम से) जैसा कि पार्टियों द्वारा पारस्परिक रूप से तय किया जा सकता है], ऐसा न करने पर नियोक्ता उक्त शर्तों के अनुसार परिसमापन हर्जाना वसूल करने का हकदार होगा।

Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work within 14 days from the date of issue of work order/ letter of acceptance as provided for in the said conditions and shall complete the entire work within **One hundred and twenty days (120)** from the date of commencement of the work subject nevertheless to the provisions for extensions of time in writing by such form (i.e., by way of a deed of agreement or by exchange of letters/email) as may be mutually decided by the parties] , failing which the employer shall be entitled to recover liquidated damages as per the said conditions.

2.10. इस संविदा के तहत बैंक द्वारा सभी भुगतान केवल भारतीय रिजर्व बैंक, बेलापुर में किए जाएंगे।

All payments by the Employer under this Contract will be made only at Reserve Bank of India, Belapur.

2.11. इस करार या इससे संबंधित सभी विवाद बेलपुर में उत्पन्न माने जाएंगे और इनके निर्धारण का क्षेत्राधिकार सिर्फ मुंबई में स्थित न्यायालयों को होगा।

All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Belapur and only Courts in Mumbai shall have jurisdiction to determine the same.

2.12. यह कि इस संविदा के सभी भागों को ठेकेदार द्वारा पढ़ लिया गया है और पूरी तरह से समझ लिया गया है।

That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

2.13 भुगतान की शर्तें : इस संविदा पर भुगतान की निम्नलिखित शर्तें लागू होंगी

- उद्धृत दर का 60%, आनुपातिक आधार पर, सभी सामग्री के वितरण के खिलाफ, साइट पर जांच करने के बाद और निम्नलिखित दस्तावेजों को प्रस्तुत करने के बाद किया जाएगा।
 - i. निर्माता का निरीक्षण और परीक्षण प्रमाणपत्र
 - ii. ठेकेदार का प्रमाणपत्र कि रखरखाव सहित प्रणालियों कि सफल स्थापना, कमीशनिंग और परीक्षण के लिए सही घटक, भाग, उपप्रणालियाँ, उपभोग्य वस्तुएं आदि साइट पर अछि स्थिति में प्राप्त हुई हैं और यदि स्थापना, कमीशनिंग और परीक्षा के दौरान कोई कमी पायी जाती है तो उन्हें बैंक को निःशुल्क आपूर्ति कि जाएगी।
 - iii. ई-टेंडर शर्तों के अनुसार तीसरे पक्ष की देनदारियों सहित पारगमन, भंडारण, स्थापना, कमीशनिंग और सौंपने के दौरान सभी जोखिमों को कवर करने वाली बीमा पॉलिसियाँ।
- उद्धृत दर का शेष 40%, स्थापना, परीक्षण, कमीशनिंग और बैंक को संपूर्ण प्रणाली को सौंपने तथा खंड 3.11.3 के अनुसार Bank Guarantee (BG) प्रस्तुत करने तथा निष्पादित कार्य के वास्तविक माप के आधार पर दिया जाएगा।
- इसके अलावा, सरकार के नियमों के अनुसार IT, अधिभार, TDS और कोई अन्य वैधानिक कर सभी बिलों से काट लिया जाएगा।

Payment Terms: The following terms of payment shall be applicable to this contract

- 60% of the quoted rate on pro-rata basis against delivery of materials at site after checking the same and on submission of the following documents:
 - i. Manufacturer's Inspection and Test Certificates
 - ii. Contractor's Certificate that all components, parts, sub systems, consumables etc. for successful installation, commissioning and testing of the systems including maintenance have been received at site in good condition and if any shortfall is noticed during installation, commissioning and testing they will be supplied free to the Bank.
 - iii. Policies of insurance covering all the risk during transit, storage, installation, commissioning & handing over including third party liabilities as per e-Tender conditions.
- Balance 40% of the quoted rates against installation, testing and commissioning and handing over of the entire system and on submission of BG as per clause 3.11.3 and up on actual measurement of work executed.
- In addition, I.T. surcharge, TDS and any other statutory tax as per the Government rules shall be deducted from all the bills.

2.14 परिनिर्धारित हर्जाना : “समय” को इस ठेके का मूल आधार समझा जाएगा। संपूर्ण कार्य आदेश जारी किये जाने के बाद से **(120) दिनों** के भीतर पूरा किया जाएगा, जिसमें विफल होने पर निर्धारित अवधि के पश्चात आकलन राशि के 0.25% प्रति सप्ताह की दर से परिनिर्धारित हर्जाना लगाया जाएगा, जिसकी ऊपरी सीमा स्वीकृत निविदा राशि का 10% होगी। किसी भी खंडित अवधि के विलंब को एक सप्ताह के विलंब के रूप में माना जाएगा और तदनुसार परिनिर्धारित हर्जाना लगाया जाएगा।

Liquidated Damages: Time is the essence of the contract. The entire work shall be completed within **One Hundred and twenty (120) days** from the date of commencement of the work, failing which liquidated damages at a rate of 0.25% of estimated cost per week of delay beyond the stipulated period with an upper ceiling of 10% of the accepted tender amount, will be levied. Any broken period delay will be considered as delay of one week and accordingly liquidated damages Shall be levied.

2.15 वारंटी / दोष दायित्व अवधि: उपकरण की आपूर्ति और स्थापना अर्थात् संपूर्ण कार्य, उपकरण को बैंक को सौंपे जाने की तिथि से एक वर्ष की अवधि के लिए सभी प्रकार के दोषों के विरुद्ध गारंटीकृत किया जाएगा। गारंटी अवधि के दौरान सिस्टम/उप-असेंबली में पाए जाने वाले किसी भी दोष को निविदाकर्ता द्वारा निःशुल्क सुधारा/प्रतिस्थापित किया जाएगा। इस अवधि के दौरान, निर्माता द्वारा निर्धारित और पारस्परिक रूप से सहमत तिमाही अंतराल या उससे पहले सर्विसिंग निःशुल्क की जाएगी।

Warranty / Defects Liability Period: The equipment's supplied & installed i.e., the entire work, shall be guaranteed against all types of defects for a period of one year from the date of handing over of the equipment to the Bank. Any defects found in the system/sub-assemblies within the guarantee period shall be rectified / replaced by the tenderer free of cost. During this period, servicing at quarterly interval or earlier, as prescribed by the manufacturer and as mutually agreed to, shall be carried out free-of-cost.

2.16 व्यापक वार्षिक रखरखाव (सीएएमसी): सर्व-समावेशी व्यापक रखरखाव सेवा एक वर्ष की गारंटी अवधि की समाप्ति के बाद लागू होती है। व्यापक वार्षिक दर रखरखाव शुल्क (सीएएमसी) में सभी प्रकार के स्पेयर पार्ट्स की मरम्मत/प्रतिस्थापन, सभी प्रकार की सामग्री, केबल, तार, लाइट और उसके कवर, उपभोग्य वस्तुएं, स्नेहक, पाइप, सभी प्रकार के औजारों और उपकरणों की आपूर्ति, सभी प्रकार के श्रमिकों की आपूर्ति आदि की लागत शामिल है, ताकि सीएएमसी कार्य संतोषजनक ढंग से पूरा हो सके, हाइड्रोलिक तेल की रिफिलिंग/टॉपिंग आदि पूरी हो सके। संविदा के दायरे में एक वर्ष में त्रैमासिक अंतराल पर कम से कम चार सर्विसिंग/निवारक रखरखाव और चौबीसों घंटे किसी भी संख्या में ब्रेकडाउन कॉल शामिल होंगे। निवारक रखरखाव में सॉफ्टवेयर के उन्नयन, उपकरणों की सफाई आदि सहित ओईएम द्वारा अनुशंसित सभी गतिविधियां शामिल होनी चाहिए। निविदाकर्ताओं द्वारा यह नोट किया जा सकता है कि बैंक मानव/सामग्री/परिवहन आदि के रूप में किसी भी प्रकार की सहायता प्रदान नहीं करेगा।

उद्धृत सीएएमसी दर बिना किसी वृद्धि के गारंटी / दोष दायित्व अवधि की समाप्ति की तारीख से एक वर्ष की अवधि के लिए निश्चित और वैध रहेगी। बैंक के सुरक्षा अधिकारी / बैंक के अभियन्ता द्वारा विधिवत हस्ताक्षरित आवश्यक रिपोर्ट के साथ संतोषजनक सेवा प्रदान करने के बाद बिल जमा करने पर सीएएमसी के लिए भुगतान अर्धवार्षिक आधार पर किया जाएगा। सेवा संविदा को 1 (एक) वर्ष की प्रारंभिक सीएएमसी अवधि और डीएलपी के एक वर्ष के बाद कम से कम 8 (आठ) वर्षों की अतिरिक्त अवधि के लिए नवीनीकृत किया जाएगा। दूसरे शब्दों में, चालू होने और उपयोग के लिए सिस्टम को सौंपने के बाद कुल 10 साल की अवधि के लिए एक सुनिश्चित जीवन और सेवा सहायता प्रदान की जाएगी। दो साल की प्रारंभिक वैधता अवधि (यानी, डीएलपी और सीएएमसी का पहला वर्ष) की समाप्ति के बाद संविदा के नवीनीकरण के समय और सभी बाद के वर्षों के लिए, नई संविदा राशि निम्नलिखित सूत्र के आधार पर निकाली जाएगी।

$$Ac = Ap \{15+60 \times (EPIc/EPIp) + 25 \times (CPIc/CPIp)\} \times 1/100$$

Ac = चालू वर्ष के लिए संविदा राशि

Ap = पिछले वर्ष की संविदा राशि

EPIc = चालू वर्ष के लिए संविदा प्रारंभ होने की तारीख से 6 महीने पहले विद्युत उत्पादों के लिए ईपीआईसी थोक मूल्य सूचकांक।

EPIp = पिछले वर्ष के लिए संविदा की आरंभ तिथि से 6 महीने पहले विद्युत उत्पादों के लिए ईपीआईपी थोक मूल्य सूचकांक

CPIc = चालू वर्ष के लिए संविदा की प्रारंभ तिथि से 6 महीने पहले औद्योगिक श्रमिकों के लिए सीपीआईसी उपभोक्ता मूल्य सूचकांक (अखिल भारतीय औसत)।

CPIp = औद्योगिक श्रमिकों के लिए उपभोक्ता मूल्य सूचकांक (अखिल भारतीय औसत) पिछले वर्ष के लिए संविदा की प्रारंभ तिथि से 6 महीने पहले।

कोई अन्य उपकरण/सामग्री /सेवा/उपभोग्य वस्तुएं/स्पेयर्स, जिनका स्पष्ट रूप से ऊपर उल्लेख नहीं किया गया है, लेकिन सभी प्रकार से पूर्ण प्रणाली के सफल संचालन के लिए आवश्यक समझी जाती हैं, विक्रेता के दायरे में होंगी।

Comprehensive Annual Maintenance (CAMC): The all-inclusive comprehensive maintenance service is applicable after the expiry of the one-year guarantee period. Comprehensive Annual Rate Maintenance Charges (CAMC) includes cost of repairs/ replacement of all types of spare parts, supply of all kinds of materials, cables, wires, lights and its covers, consumables, lubricants, pipes, supply of all kinds of tools and implements, supply of labour of all descriptions, etc. for satisfactory completion of CAMC work, refilling of / topping up of hydraulic oil etc., complete. The scope of the contract will include at least FOUR servicing / preventive maintenance at quarterly intervals in a year and ANY NUMBER of breakdowns calls round the clock. Preventive maintenance should include all the activities as recommended by the OEM including

upgradation of software, cleaning of equipment's, etc. It may be noted by the tenderers that the Bank will not provide any kind of assistance in the form of man/material/transport etc., and the tenderers will have to make their own arrangements for deputing the required skilled manpower including all necessary spares for setting right the reported/observed defects. The quoted CAMC rate shall remain firm and valid for a period of one year from the date of expiry of guarantee / defect liability period without any escalation. Payment for CAMC shall be made on half yearly basis on submission of the bill towards the same after rendering satisfactory service along with required reports duly signed by the Bank's Security Officer / Bank's Engineer. The service contract shall be renewed for an additional period of at least 6 (Six) years after the initial CAMC period of 1 (one) year and one year of DLP. In other words, an assured life and service support will be provided for a total of 8 years period after commissioning and handing over of the system for use. At the time of renewal of contract after the expiry of the initial validity period of two years (i.e., DLP and first year of CAMC) and for all subsequent years, the new contract amount will be arrived at based on following formula.

$$AC = AP \{15+60 \times (EPIC/EPIP) + 25 \times (CPIC/CPIP)\} \times 1/100$$

AC: The contract amount for the current year

AP: The contract amount for the previous year

EPIC: Wholesale Price Index for Electrical Products 6 months prior to the commencement date of contract for the current year.

EPIP: Wholesale Price Index for Electrical Products 6 months prior to the commencement date of contract for the previous year

CPIC: Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the current year.

CPIP: Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the previous year.

Any other instrument/ equipment/ service / consumables/ spares, which are not explicitly mentioned above but deemed necessary for the successful operation of the system complete in all respects, shall be in vendor's scope.

2.17 डीएलपी और सीएएमसी के दौरान जुर्माना: संविदा की अवधि के दौरान सिस्टम को डीएलपी और सीएएमएससी के लिए संविदा करार में वर्णित आवृत्ति के अनुसार सर्विस और रखरखाव किया जाएगा ताकि यह सुनिश्चित किया जा सके कि सभी सिस्टम उपकरण सामान्य और संतोषजनक ढंग से काम कर रहे हैं। नियमित रखरखाव में सभी उपकरणों की सफाई भी शामिल होगी। यदि फर्म के पास ई-मेल या टेलीफोन द्वारा शिकायत दर्ज करने के 24 घंटे के भीतर खराबी को ठीक नहीं किया जाता है, तो नीचे दी गई तालिका में उल्लिखित जुर्माना लगाया जाएगा और ठेकेदार द्वारा मांगे जाने पर उसे भुगतान करना होगा या बैंक द्वारा ठेकेदार को देय किसी भी बकाया राशि से वसूल किया जाएगा।

Penalty during DLP and CAMC: During the period of contract the system shall be serviced and maintained as per frequency described in the contract agreement for DLP and CAMSC to ensure that all the system equipment's are functioning normally and satisfactorily. The routine maintenance shall also include cleaning of all equipment's. If the fault is not rectified within 24 hours of lodging a complaint with the firm either by an e-mail or over telephone, a penalty as mentioned in table below will be levied and shall be payable by the contractor on demand or shall be recovered from any dues payable by the Bank to the contractor.

		Rectification time	Penalty
(a)	Any defects resulting in total failure of the system	24 hours	Rs.3000/- per day
(b)	Any defects in independent devices, components, cables which may not result in total failure of the system	24 hours	Rs.500/- per day per component

2.18 जिएफआर 2017 के नियम 144 (xi) का प्रावधान: सार्वजनिक खरीद प्रभाग, व्यय विभाग, वित्त मंत्रालय, भारत सरकार द्वारा जारी 23 जुलाई, 2020 के कार्यालय ज्ञापन (ओएम) एफ.सं.6/18/2019-पीपीडी के तहत शामिल किए गए 2017 के नियम 144 (xi) के अनुपालन स्वरूप जारी सार्वजनिक खरीद आदेश, और उसके बाद के संशोधन अनिवार्य रूप से लागू होंगे। इस संबंध में, बोलीदाता अनुबंध-III में दिए गए प्रारूप में अधिकृत हस्ताक्षरकर्ता द्वारा अपने पत्र शीर्ष-पर मुहर सहित विधिवत हस्ताक्षरित वचनबद्धता/घोषणा प्रमाण पत्र की एक प्रति प्रस्तुत करेगा। यदि बोलीदाता द्वारा जमा किया गया/ वचनबद्धता प्रमाण पत्र/घोषणा गलत पाया जाता है, तो उसका/उसकी कार्य आदेश तत्काल समाप्त कर दिया जाएगा/निविदा/, और बयाना राशि/प्रदर्शन बैंक गारंटी/प्रतिभूति जमा राशि को जब्त करने सहित विधि सम्मत कानूनी कार्रवाई की जाएगी और बैंक भविष्य में बैंक द्वारा आमंत्रित निविदाओं में भाग लेने से बोलीदाता को वंचित कर सकता है।

Provision of Rule 144 (xi) of the GFR 2017:

Compliance with the Rule 144 (xi) of GFR 2017 inserted vide Office Memorandum (OM) F.No.6/18/2019-PPD dated July 23, 2020, issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India, the Public Procurement Orders issued in furtherance thereto, and their subsequent revisions shall be mandatory.

In this regard, Bidder shall submit a copy of Undertaking / Declaration / Certificate on their letter head duly sealed and signed by the authorized signatory in the format given at [Annexure -VIII](#). If the Undertaking / Declaration / Certificate submitted by the bidder is found to be false, his/her/its tender / work order will be immediately terminated, and legal action in accordance with law including forfeiting of Earnest Money Deposit / Performance Bank Guarantee / Security Deposit may be initiated and the Bank may also debar the bidder from participating in the tenders invited by the Bank in future.

2.19. गैर प्रकटीकरण खंड

ठेकेदार इस करार के संबंध में अपने संविदात्मक दायित्वों को पूरा करने के दौरान मिलने वाली कोई भी जानकारी, सामग्री तथा बैंक के बुनियादी ढांचा/सिस्टम/उपकरणों आदि के संबंध में मिलने वाली जानकारी का प्रत्यक्ष या अप्रत्यक्ष रूप से प्रकटीकरण किसी अन्य पक्षकार को नहीं करेगा तथा हमेशा इसे अतिगोपनीय बनाए रखेगा। लागू कानून का अनुपालन करने या संविदा के अधीन अपने दायित्वों को पूरा करने के लिए आवश्यक होने की स्थिति को छोड़कर ठेकेदार इस संविदा के ब्यौरों को निजी दायरे में और गोपनीय रखेगा। नियोक्ता की पूर्व लिखित अनुमति के बिना संविदाकार किसी व्यापारिक या तकनीकी पेपर में या अन्यत्र कार्य के विवरण को न तो प्रकाशित करेगा, न ही प्रकाशन की अनुमति देगा और न ही इसका प्रकटीकरण करेगा। किसी गोपनीय जानकारी के प्रकटीकरण के परिणामस्वरूप बैंक को हुई हानि के लिए संविदाकार बैंक को क्षतिपूर्ति करेगा। उपर्युक्त शर्तों का पालन न करना ठेकेदार द्वारा संविदा भंग माना जाएगा और बैंक को हुई क्षति का दावा करने तथा कानूनी उपाय करने का हकदार होगा। इस करार के अधीन गोपनीय जानकारी का प्रकटीकरण न किए जाने के दायित्व को सुनिश्चित करने के लिए संविदाकार अपने कर्मचारियों के संबंध में सभी उचित कार्रवाई करेगा। प्रकटीकरण न करने और गोपनीयता के संबंध में ठेकेदार का दायित्व इस करार के समाप्त होने या किसी भी कारण से समाप्त किए जाने तक बना रहेगा।

Non-disclosure clause:

The contractor shall not disclose directly or indirectly any information, materials and of the Bank's infrastructure/ system/equipment's etc. which may come to the profession or knowledge of the contractor during the course of discharging its contractual obligations in connection with the agreement, to any third

party and shall at all times hold the same in strictest confidence. The contractor shall treat the details of the contract as private and confidential, except to the extent necessary to carry out the obligations under it or to comply with applicable laws. The contractor shall not publish, permit to be published, or disclose any particulars of the works in any trade or technical paper or elsewhere without the previous written consent of the Employer. The contractor shall indemnify the Employer for any loss suffered by the Employer as a result of disclosure of any confidential information. Failure to observe the above shall be treated as breach of contract on the part of the contractor and the Employer shall be entitled to claim damages and pursue legal remedies. The contractor shall take all appropriate actions with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied. The contractor's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.

2.20. यौन उत्पीड़न निवारण खंड:

क) ठेकेदार "कार्यस्थल पर महिलाओं का यौन उत्पीड़न (रोकथाम, निषेध और निवारण) अधिनियम, 2013" के प्रावधानों का पूर्ण अनुपालन करने के लिए पूरी तरह जिम्मेदार होंगे। बैंक के परिसर के भीतर अपने कर्मचारी के खिलाफ यौन उत्पीड़न की किसी भी शिकायत के मामले में शिकायत संविदाकार/एजेंसी द्वारा गठित शिकायत समिति के समक्ष दायर की जाएगी संविदाकार/एजेंसी उक्त शिकायत के संबंध में अधिनियम के अंतर्गत समुचित कार्रवाई सुनिश्चित करेगा।

ख) ठेकेदार के किसी पीड़ित कर्मचारी द्वारा बैंक के किसी कर्मचारी के विरुद्ध की गई यौन उत्पीड़न की किसी भी शिकायत का संज्ञान बैंक द्वारा गठित क्षेत्रीय शिकायत समिति द्वारा लिया जाएगा।

ग) यदि घटना में संविदाकार का कोई कर्मचारी शामिल होता है तो उस स्थिति प्रदान की जानेवाली किसी भी मौद्रिक प्रतिपूर्ति के लिए संविदाकार उत्तर दायित्व होगा, उदाहरण के लिए बैंक के किसी कर्मचारी को दी जानेवाली मौद्रिक राहत यदि ठेकेदार के कर्मचारी द्वारा यौन हिंसा सिद्ध हो जाती है।

घ) कार्यस्थल पर यौन उत्पीड़न की रोक थाम और अन्य संबंधित मुद्दों पर अपने कर्मचारियों को शिक्षित करने की जिम्मेदारी संविदाकार की होगी।

ङ) ठेकेदार बैंक के परिसर में तैनात अपने कर्मचारियों की एक पूर्ण और अद्यतन सूची रखेगा, जिसे बैंक द्वारा मंगवाए जाने पर आसानी से उपलब्ध कराया जा सके।

Prevention of Sexual harassment Clause:

a) The contractor shall be solely responsible for full compliance with the provisions of "the Sexual Harassment of women at workplace (Prevention, Prohibition and Redressal) Act, 2013". In case of any complaint of sexual harassment against its employee within the premises of the Bank, the complaint will be filed before the internal complaints committee constituted by the contractor/Agency or Local Complaints committee as the case may be and the contractor/ agency shall ensure appropriate action under the said Act in respect of the Complaint.

b) Any complaint of sexual harassment from any aggrieved employee of the service provider against any employee of the Bank or any employee of any other firm working in the Bank shall be taken cognizance of by the Regional Complaints Committee constituted by the Bank.

c) The Contractor shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employees of the contractor, for instance any monetary relief to Bank's employee or other firm's employee, if sexual harassment by the employee of the contractor is proved.

d) The Contractor shall be responsible for educating its employees about prevention of sexual harassment at workplace and related issues.

e) The Contractor shall provide a complete and updated list of employees who are deployed within the Bank's premises.

2.21. अप्रत्याशित घटना

इस करार के तहत दायित्वों को पूरा करने में किसी चूक के लिए कोई भी पार्टी जिम्मेदार नहीं मानी जाएगी, यदि चूक किसी पार्टी के नियंत्रण से परे कार्यों जैसे (जैसे दैवीय संकट, युद्ध की स्थिति, विद्रोह, मजदूर हड़ताल, किसी सरकारी कार्य, भूकंप, तूफान,

टाइफून और अन्य प्राकृतिक आपदा आदि) के परिणामस्वरूप हुई हो। प्रत्येक पक्ष इस करार के तहत निष्पादन किए जाने वाले कार्यों को जारी रखने के सभी संभव प्रयास करने के लिए सहमति व्यक्त करते हैं। यदि अप्रत्याशित घटनाओं के कारण कार्य निष्पादन में बाधा की अवधि 30 दिनों से अधिक हो जाती है, तो पार्टी जिसकी कार्य निष्पादन क्षमता प्रभावित नहीं हुई है, लिखित सूचना देते हुए इस करार को निरस्त कर सकती है।

Force Majeure:

If either party is unable to perform its obligations under this Agreement due to the occurrence of an event beyond its control (such as acts of God, war like situations, riots, labour strike, government actions, earthquakes, cyclones, typhoons, and other natural calamities, etc.), that party will not be deemed to have defaulted under this Agreement. Each party agrees to use all reasonable efforts to enable performance under this Agreement to continue. If the period of non-performance due to a force majeure event exceeds 30 days, the party whose ability to perform has not been so affected may, by giving written notice, terminate this Agreement.

2.22 ठेका श्रम (सीएलआरए) अधिनियम (विनियमन और उन्मूलन), 1970

मैं _____ कि _____ संबंधी कार्य मुझे प्रदत्त किया गया है। मैं वचन देता/देती हूँ कि मुझे प्रदत्त कार्य को पूरा करने के लिए मेरे द्वारा लगाए जाने वाले सभी मजदूरों को सभी प्रकार की मजदूरी का वास्तविक भुगतान उस दर पर किया जाएगा जो न्यूनतम मजदूरी अधिनियम 1948 के तहत निर्धारित दर से कम नहीं होगा तथा सीएलआरए अधिनियम 1970 के प्रावधानों के अनुपालन को सुनिश्चित किया जाएगा और साथ ही ऐसे वेतन का भुगतान करने में विफलता के साथ-साथ तथा सीएलआरए अधिनियम 1970 के प्रावधानों का पालन करने में विफलता के कारण सांविधिक प्राधिकारियों द्वारा प्रिंसिपल नियोक्ता के विरुद्ध प्रारंभ की जाने वाली सभी कार्रवाइयों के लिए प्रिंसिपल नियोक्ता को क्षतिपूर्ति रखने का वचन देता/देती हूँ। मैं समय-समय पर सरकारी अधिकारियों/बैंक के अधिकारियों के निरीक्षण के लिए सभी आवश्यक दस्तावेज/रिकॉर्ड रखूंगा/रखूंगी और उनका रख-रखाव करूंगा/करूंगी।

Contract Labour (Regulation & Abolition) Act (CLRA), 1970

I _____ that the work of _____ awarded to me. I undertake to actually pay wages to all labourers of all description to be engaged by me for completion of _____ work awarded to me at the rate which is not less than the one prescribed under Minimum Wages Act 1948 and to ensure compliance to the provisions of CLRA Act 1970 and also keep the Principle Employer indemnified against all the actions that may be initiated against the Principle Employer by the Statutory Authorities for his failure to pay such wages and for failure to comply with the provisions of CLRA Act 1970. I shall keep and maintain all necessary documents/records for inspection of Government authorities/Bank's officials from time to time.

2.23 व्यक्तियों और संपत्ति के नुकसान के संबंध में बीमा

ठेकेदार, व्यक्तियों, जानवरों या वस्तुओं को होने वाली सभी हानि या क्षति के लिए और ठेकेदार या किसी उप-ठेकेदार या किसी नामित उप-ठेकेदार या उनके किसी भी कर्मचारियों की ओर से किसी भी चूक से उत्पन्न होने वाली संपत्ति के सभी नुकसान के लिए जिम्मेदार होगा। इस खंड के तहत आने वाले दायित्व में, अन्य बातों के साथ-साथ, संरचनाओं को किसी भी तरह की हुई क्षति भी शामिल होगा, चाहे वह कार्यस्थल के निकट हो या अन्यथा; सड़कों, गलियों, फुटपाथों, पुलों के साथ-साथ इमारतों और अन्य संरचनाओं और कार्यों को हुई क्षति जो इस करार से संबंधित हो। बारिश, हवा, पाला या मौसम की अन्य खराबियों के कारण इस अनुबंध के तहत आने वाले भवन और अन्य संरचनाओं और कार्यों को हुए किसी भी नुकसान के लिए भी ठेकेदार जिम्मेदार होगा। ठेकेदार, नियोक्ता को क्षतिपूर्ति करेगा और क्षतिपूर्ति रखेगा और उसे सभी और किसी भी तरह की क्षति से उत्पन्न होने वाले किसी भी नुकसान और व्यय के संबंध में और किसी भी चोट या क्षति के संबंध में किए गए किसी भी दावे के खिलाफ उसे क्षतिपूर्ति रखेगा, चाहे वह किसी भी कानून के तहत या अन्यथा और ऐसे दावों के परिणामस्वरूप किसी अवार्ड या मुआवजे या क्षति से संबंधित हो। ठेकेदार, अपने स्वयं के खर्च पर, इस अनुबंध के तहत वास्तविक पूर्णता प्रमाण पत्र जारी होने तक, IRDAI द्वारा प्राधिकृत एक बीमा कंपनी के साथ, भूकंप जोखिम सहित अनुबंध की पूरी राशि के लिए बीमा हेतु **सर्व जोखिम नीति** को प्रभावी और बनाए रखेगा जो सभी जोखिम नीति को कवर करने के लिए नियोक्ता और ठेकेदार के संयुक्त नामे)पहले पक्षकार का नाम पहले रखा जाए(होगा तथा इसे काम शुरू करने से पहले नियोक्ता के पास जमा करना होगा।

ठेकेदार इस खंड में उल्लिखित सभी प्रकार के नुकसान की पूर्ति करेगा ताकि पूरे कार्यों की डिलीवरी हर तरह से पूर्ण और सही हो और संपत्ति या तीसरे पक्ष के नुकसान के सभी दावों को पूरा करे या अन्यथा पूर्ति करे।

ठेकेदार किसी भी व्यक्ति द्वारा नियोक्ता के खिलाफ अनुबंधित कार्यों या उसके परिणामी सभी दावों के लिए नियोक्ता को क्षतिपूर्ति करेगा और क्षतिपूर्ति भी रखेगा, और अपने स्वयं के खर्च पर अनुबंध के वास्तविक समापन तक प्रभावी और बनाए रखेगा, साथ ही ऐसे जोखिम को कवर करने के लिए IRDAI द्वारा प्राधिकृत बीमा कंपनी के साथ नियोक्ता और ठेकेदार के संयुक्त नामे एक बीमा पॉलिसी (पॉलिसी में पहले पक्षकार का नाम पहले होगा) रखेगा तथा इसे कार्य प्रारम्भ करने से पहले जमा करना होगा। "ठेकेदार सर्व जोखिम नीति" में तीसरे पक्ष की देयता किसी एक दुर्घटना या घटना के लिए प्रति व्यक्ति न्यूनतम ₹2.00 लाख (दो लाख रुपये मात्र) और किसी एक दुर्घटना या घटना के लिए संपत्ति के नुकसान के संबंध में ₹10.00 लाख (दस लाख रुपये मात्र) होगी। ठेकेदार इस अनुबंध की अवधि के दौरान नियोक्ता पर किए गए सभी दावों के लिए नियोक्ता को क्षतिपूर्ति भी करेगा, चाहे वह कामगार मुआवजा अधिनियम या किसी अन्य क़ानून के तहत हो या ठेकेदार या उप-ठेकेदार के किसी भी कर्मचारी के संबंध में या सामान्य क़ानून के तहत हो और इसे अपने स्वयं के खर्च पर अनुबंध के वास्तविक समापन तक प्रभावी और बनाए रखेगा या अनुबंध अवधि के दौरान नियोक्ता द्वारा अनुमोदित बीमा कंपनी के साथ, ऐसे जोखिमों को कवर करने हेतु बीमा पॉलिसी बनाए रखेगा और इस पॉलिसी को समय-समय पर नियोक्ता के पास जमा करेगा।

ऊपर दिए गए प्रावधान के अनुसार बीमा करने वाले ठेकेदार द्वारा चूक किए जाने की स्थिति में, नियोक्ता इस प्रकार की बीमा पॉलिसी खरीद सकता और इसके प्रीमियम की कटौती ठेकेदार को देय भुगतान में से कर सकता है।

ठेकेदार ऊपर उल्लिखित बीमा पॉलिसियों में नहीं शामिल किसी भी देयताओं के लिए जिम्मेदार होगा और साथ ही, किसी भी व्यक्ति, जानवर को हुई क्षति या इस अनुबंध को गलत तरीके से पूरा करने के परिणामस्वरूप हुई क्षति, जिसका कारण कुछ भी रहा हो, से संबंधित देयताओं के लिए जिम्मेदार होगा।

ठेकेदार किसी भी दावे या कार्य से संबंधित किसी भी दावे या कार्यवाही से उत्पन्न होने वाले सभी और किसी भी लागत, शुल्क या व्यय तथा इससे होने वाली किसी भी क्षति या मुआवजे के लिए नियोक्ता को क्षतिपूर्ति करेगा और क्षतिपूर्ति रखेगा।

इस तरह की चूक के संबंध में ठेकेदार के खिलाफ नियोक्ता के अन्य अधिकारों पर प्रतिकूल प्रभाव डाले बिना, नियोक्ता ठेकेदार को इस खंड के तहत देय किसी भी राशि में से किसी भी नुकसान की राशि, मुआवजे की लागत, शुल्क और नियोक्ता द्वारा भुगतान किए गए अन्य खर्चों की कटौती करने का हकदार होगा।

ठेकेदार इस खंड के तहत ली गई पॉलिसी के अनुरूप बीमाकर्ता द्वारा निपटान किए जाने पर, क्षतिग्रस्त कार्यों के पुनर्निर्माण या मरम्मत के लिए समुचित सावधानी के साथ आगे बढ़ेगा। इस घटना में इस तरह के नुकसान के संबंध में बीमाकर्ता से प्राप्त सभी धन का भुगतान ठेकेदार को किया जाएगा और ठेकेदार नष्ट या क्षतिग्रस्त सामग्री या माल के पुनर्निर्माण या मरम्मत के लिए किए गए खर्च के संबंध में किसी भी अन्य भुगतान के लिए हकदार नहीं होगा।

ठेकेदार, क्षति के बाद पुनर्निर्माण या पुनर्स्थापना के मामले में, नियोक्ता द्वारा निर्धारित उचित समय विस्तार के लिए हकदार होगा, लेकिन नियोक्ता यहां निर्धारित किसी भी दावे के निपटान में बीमाकर्ता द्वारा अंतिम रूप से भुगतान की गई राशि में किसी भी कमी या कमी के लिए प्रतिपूर्ति का हकदार नहीं होगा।

इस खंड के तहत अपने दायित्व पर प्रतिकूल प्रभाव डाले बिना, ठेकेदार सभी नामित उप-ठेकेदारों को इस खंड के प्रावधानों के अनुसार, कार्यों के अपने-अपने हिस्से के लिए, बीमा की समान नीतियों को लागू करेगा और इस प्रकार की बीमा पॉलिसी नियोक्ता को प्रस्तुत करेगा। ठेकेदार, नामित उप-ठेकेदार को तब तक कार्य स्थल पर-काम शुरू करने की अनुमति नहीं देगा जब तक कि उक्त बीमा पॉलिसी प्रस्तुत नहीं की जाती है। कार्य स्थल पर-काम शुरू करने से पहले उप-ठेकेदार द्वारा बीमा की ऐसी पॉलिसी लेने में विफल रहने की स्थिति में, ठेकेदार, उक्त उप-ठेकेदार के कारण होने वाले किसी भी दावे या क्षति के लिए जिम्मेदार होगा।

कोविड-19 या किसी अन्य प्रकार के व्यवधान, यदि कोई हो, के कारण विस्तारित अवधि के लिए भी बीमा की लागत ठेकेदार को वहन करनी होगी।

Insurance in respect to damages to persons and property

The Contractor shall be responsible for all injury or damage to persons, animals or things and for all damage to property which may arise from any factor omission on the part of the Contractor or any Sub-Contractor or any nominated Sub-Contractor or any of their employees. The liability under this clause shall

cover also, inter alia any damages to structures, whether immediately adjacent to the works or otherwise; any damage to roads, streets, footpaths, bridges as well as damage caused to the buildings and other structures and works forming the subject matter of this contract. The contractor shall also be responsible for any damage caused to the building and other structures and works forming the subject, matter of this contract due to rain, wind, frost or other inclemency of weather. The contractor shall, indemnify and keep indemnified the Employer and hold him harmless in respect of all and any loss and expenses arising from any such injury or damage to persons or property as aforesaid and also against any claim made in respect of injury or damage, whether under any statute or otherwise and also in respect of any award or compensation or damage consequent upon such claims.

The contractor shall reinstate all damage of every sort mentioned in this Clause so as to do delivery of the whole of the works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to property or third parties.

The Contractor shall also indemnify and keep indemnified the Employer against all claims which may be made against the Employer by any person in respect of anything which any arise in respect of the works or in consequence thereof and shall at his own expense, effect and maintain until the virtual completion of the contract, with an Insurance Company authorized by the IRDAI a policy of Insurance in the joint names of the Employer and the Contractor (name of the former being placed first in the policy) against such risk and deposit such policy or policies before commencement of the works. Third party liability in "Contractors All Risk Policy" shall be minimum ₹ **5.00 lakh (Rupees Five lakh only)** per person for any one accident or occurrence and ₹ **10.00 lakh (Rupees Ten lakh only)** in respect of damage to property for any one accident or occurrence. The contractor shall also indemnify the employer against all claim which may be made upon the Employer, whether under the Workmen's Compensation Act or any other statute in force, during the currency of this contract or at Common Law in respect of any employee of the contractor or of Sub-Contractor and shall at his own expense effect and maintain until the virtual completion of the contract or with an Insurance Company, approved by the Employer, a policy of insurance against such risks and deposit such policy or policies with the Employer from time to time during the currency of this contract.

In default of the contractor insuring as providing above, the employer may so insure and may deduct the premiums paid from any moneys due or which may become due to the contractor.

The contractor shall be responsible for any liability which may not be covered by the Insurance Policies referred to above and also for all other damages to any person, animal or defective carrying out of this contract, whatever, may be the reasons due to which the damage shall have been caused.

The contractor shall also indemnify and keep Indemnified the Employer against all and any costs, charges or expenses arising out of any claim or proceedings relating to the works and also in respect of any of damage or compensation arising there from.

Without prejudice to the other rights of the employer against contractor in respect of such default, the employer shall be entitled to deduct from any sums payable to the contractor the amount of any damages, compensation costs, charges and other expenses paid by the employer, and which are payable the contractor under this clause.

The Contractor shall upon settlement by the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the Insurer in respect of such damage shall be paid to the Contractor and the contractor shall not be entitled to any further payment in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

The contractor, in case of re-building or reinstatement after damage shall be entitled to such extension of time for completion as the Employer may deem fit, but shall, however, not be entitled to reimbursement by the employer of any shortfall or deficiency in the amount finally paid by the insurer in settlement of any claim arising as set out herein.

Without prejudice to his liability under this clause, the contractor shall also cause all nominated sub-

contractors to effect, for their respective portions of the works, similar policies of insurance in accordance with the provisions of this clause and shall produce or cause to produce to the employer such policies. The contractor shall not permit a nominated sub-contractor to commence work at the site unless the said insurance policies are submitted. In the event of failure of the sub-contractor to take out such a policy of insurance before commencing the works at the site, the contractor shall be responsible for any claim or damage attributable to the said sub-contractor.

The cost of insurance has to be borne by the Contractor even for the extended period if any due to COVID or any other kind of disruption.

2.24 एक बोलीदाता निम्नलिखित आधारों पर डिबारमेंट/बोली से अयोग्यता के लिए उत्तरदायी है:

1. यदि यह निर्धारित किया जाता है कि बोलीदाता ने सत्यनिष्ठा संहिता के उल्लंघन में निम्नलिखित कार्य या चूक की है:

- a. मैं एक खरीद प्रक्रिया में अनुचित लाभ या अन्यथा खरीद प्रक्रिया को प्रभावित करने के बदले प्रत्यक्ष या अप्रत्यक्ष रूप से प्रस्ताव, याचना या रिश्वत, इनाम या उपहार या किसी भी भौतिक लाभ की स्वीकृति।
- b. कोई भी चूक या गलत बयानी जो गुमराह कर सकती है या गुमराह करने का प्रयास कर सकती है ताकि वित्तीय या अन्य लाभ प्राप्त किया जा सके, या किसी दायित्व से बचा जा सके।
- c. किसी भी मिलीभगत, बोली में हेराफेरी या प्रतिस्पर्धा-विरोधी व्यवहार जो पारदर्शिता, निष्पक्षता और खरीद प्रक्रिया की प्रगति को बाधित कर सकता है।
- d. खरीद प्रक्रिया में या व्यक्तिगत लाभ के लिए अनुचित लाभ प्राप्त करने के इरादे से खरीदकर्ता इकाई द्वारा बोलीदाता को प्रदान की गई जानकारी का अनुचित उपयोग।
- e. निविदा या अनुबंध की निष्पादन प्रक्रिया से संबंधित बोलीदाता और खरीद इकाई के किसी भी अधिकारी के बीच कोई वित्तीय या व्यावसायिक लेनदेन, जो प्रत्यक्ष या अप्रत्यक्ष रूप से खरीद इकाई के निर्णय को प्रभावित कर सकता है।
- f. खरीद प्रक्रिया को प्रभावित करने के लिए प्रत्यक्ष या अप्रत्यक्ष रूप से, किसी भी हिस्से या उसकी संपत्ति को नुकसान पहुंचाने या नुकसान पहुंचाने के लिए कोई जबरदस्ती या कोई खतरा।
- g. खरीद प्रक्रिया की किसी भी जांच या लेखा परीक्षा में बाधा।
- h. किसी निविदा प्रक्रिया में भाग लेने या अनुबंध सुरक्षित करने के लिए झूठी घोषणा करना या झूठी जानकारी प्रदान करना।
- i. हितों के टकराव का खुलासा करने में विफल
- j. पिछले तीन वर्षों के दौरान भारत या किसी अन्य देश में किसी भी सार्वजनिक संस्थान / संस्था के साथ उपखंड (i) के प्रावधानों के संबंध में किए गए किसी भी पिछले उल्लंघन का खुलासा करने में विफल रहा या किसी सार्वजनिक खरीद संस्थान / संस्था द्वारा प्रतिबंधित किया गया।

2. सत्यनिष्ठा संहिता के उल्लंघन के अलावा बोलीदाता द्वारा किसी भी कार्रवाई या चूक के लिए, जो बैंक की राय में घटिया सामग्री की आपूर्ति, सामग्री की गैर-आपूर्ति, कार्यों का परित्याग, - कार्यों की मानक गुणवत्ता, निविदा की शर्तों का पालन करने में विफलता आदि।

3. यदि बोलीदाता को किसी अपराध का दोषी ठहराया गया है - (ए) भ्रष्टाचार निवारण अधिनियम, 1988 के तहत; या (बी) सार्वजनिक खरीद अनुबंध के निष्पादन के हिस्से के रूप में जीवन या संपत्ति के किसी भी नुकसान या सार्वजनिक स्वास्थ्य के लिए खतरा पैदा करने के लिए भारतीय दंड संहिता या किसी भी समय लागू कोई अन्य कानून।

A bidder is liable for debarment / disqualification from bidding on the following grounds:

1. If it is determined that the bidder has committed the following acts or omissions in contravention of the code of integrity:

- a. making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process.
- b. any omission or misrepresentation that may mislead or attempt to mislead so that financial or other

benefit may be obtained, or an obligation avoided.

c. any collusion, bid rigging or anticompetitive behavior that may impair the transparency, fairness and the progress of the procurement process.

d. improper use of information provided by the procuring entity to the bidder with an intent to gain unfair advantage in the procurement process or for personal gain.

e. any financial or business transactions between the bidder and any official of the procuring entity related to the tender or execution process of contract, which can affect the decision of the procuring entity directly or indirectly.

f. any coercion or any threat to impair or harm directly or indirectly, any part or its property to influence the procurement process.

g. obstruction of any investigation or auditing of a procurement process.

h. making false declaration or providing false information for participation in a tender process or to secure a contract.

i. failed to disclose conflict of interest.

j. failed to disclose any previous transgressions made in respect of the provisions of sub clause with any public institution / entity in India or any other country during the last three years or of being debarred by any public procuring institution / entity.

2. For any actions or omissions by the bidder other than violation of code of integrity, which in the opinion of the Bank warrants debarment, for the reasons like supply of sub-standard material, non-supply of material, abandonment of works, sub-standard quality of works, failure to abide terms of the tender etc.,

3. If the bidder has been convicted of an offence – (a) under the Prevention of Corruption Act, 1988; or (b) the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to the public health as part of execution of a public procurement contract.

2.25 मध्यस्थता द्वारा विवाद का निपटारा

किसी भी प्रकार के सभी विवाद और मतभेद, जो अनुबंध या कार्य के निष्पादन के संबंध में या के संबंध में उत्पन्न होते हैं (चाहे कार्यों की प्रगति के दौरान या उनके पूरा होने के बाद और अनुबंध के परित्याग या उल्लंघन के निर्धारण से पहले या बाद में) बैंक द्वारा संदर्भित और तय किया जाएगा जो लिखित रूप में अपना निर्णय बताएगा। ऐसा निर्णय अंतिम प्रमाणपत्र या अन्यथा के रूप में हो सकता है। किसी भी अपेक्षित मामले के संबंध में बैंक का निर्णय अंतिम होगा और अपील के बिना जैसा कि उसमें कहा गया है। लेकिन यदि ठेकेदार किसी भी मामले पर असंतुष्ट है, जिस पर बैंक द्वारा उपरोक्त निर्णय लिया जाता है, तो किसी भी अपेक्षित मामले को छोड़कर, ठेकेदार ऐसे निर्णय की सूचना प्राप्त करने के 28 दिनों के भीतर दूसरे पक्ष को एक लिखित नोटिस दे सकता है, जिसमें यह अपेक्षा की जाती है कि विवादित मामलों में मध्यस्थता की जाए। इस तरह की लिखित सूचना में उन मामलों को निर्दिष्ट किया जाएगा, जो विवाद या मतभेद में हैं, जिसके लिए ऐसी लिखित सूचना दी गई है। यदि दोनों पक्ष सहमत होते हैं, तो इस उद्देश्य के लिए एक ही मध्यस्थ नियुक्त किया जाएगा। यदि एकल मध्यस्थ की नियुक्ति पर कोई समझौता नहीं हो पाता है, तो दोनों पक्ष अपनी ओर से एक-एक व्यक्ति को मध्यस्थ के रूप में नामित करेंगे। पार्टियों द्वारा नामित दो मध्यस्थ तीसरे मध्यस्थ के रूप में कार्य करने के लिए एक और व्यक्ति को नामित करेंगे।

मध्यस्थ या मध्यस्थों, जैसा भी मामला हो, के पास किसी भी प्रमाण पत्र, राय, निर्णय, मांग या नोटिस को खोलने, समीक्षा करने और संशोधित करने की शक्ति होगी, अपवादित मामलों के संबंध में छोड़कर, पूर्ववर्ती खंड में संदर्भित, और निर्धारित करने के लिए विवाद के सभी मामले जो मध्यस्थता के लिए प्रस्तुत किए जाएंगे और जिनमें से पूर्वोक्त के रूप में नोटिस दिया जाएगा।

मध्यस्थ या मध्यस्थों, जैसा भी मामला हो, एक वर्ष के भीतर अपना निर्णय देगा (या ऐसा आगे बढ़ाया गया समय जैसा कि उसके द्वारा तय किया जा सकता है या पार्टियों की सहमति से मामला हो सकता है) की तारीख से संदर्भ में प्रवेश। यदि मध्यस्थता की कार्यवाही के दौरान पक्ष परस्पर अपने विवाद या मतभेद को सुलझा लेते हैं या समझौता कर लेते हैं, तो पार्टियों द्वारा समझौते या समझौते का संयुक्त ज्ञापन दाखिल करने पर, मध्यस्थ या मध्यस्थ, जैसा भी मामला हो, इस तरह के समझौते के संदर्भ में एक निर्णय देगा। या समझौता।

इस तरह के किसी भी संदर्भ पर, संदर्भ और पुरस्कार के लिए आकस्मिक लागत पर निर्णय क्रमशः मध्यस्थ या मध्यस्थों के विवेक पर होगा, जो उस राशि का निर्धारण कर सकते हैं या पार्टी के बीच उस पर कर लगाने का निर्देश दे सकते हैं। और पार्टी, और किसके द्वारा और किसके द्वारा और किस तरीके से वहन और भुगतान किया जाएगा। इस निवेदन को भारतीय मध्यस्थता और सुलह अधिनियम, 1996 या उसके किसी भी वैधानिक संशोधन के अर्थ के भीतर मध्यस्थता के लिए प्रस्तुत करना माना जाएगा। मध्यस्थ या मध्यस्थों का निर्णय, जैसा भी मामला हो, अंतिम और पार्टियों के लिए बाध्यकारी होगा। यह सहमति है कि ठेकेदार

ऐसे किसी भी मामले, प्रश्न या विवाद को मध्यस्थता के लिए भेजे जाने के कारण कार्यों को पूरा करने में देरी नहीं करेगा, लेकिन सभी उचित परिश्रम के साथ कार्यों को आगे बढ़ाएगा और मध्यस्थ या मध्यस्थों के निर्णय तक करेगा, जैसा भी मामला हो, दिया जाता है, बैंक के निर्णय का पालन करें। मध्यस्थ या मध्यस्थों का कोई भी निर्णय, जैसा भी मामला हो, ठेकेदार को कार्यों के वास्तविक निष्पादन के संबंध में बैंक के निर्देशों का सख्ती से पालन करने के अपने दायित्वों से मुक्त नहीं करेगा। नियोक्ता और ठेकेदार इस बात से भी सहमत हैं कि इस खंड के तहत मध्यस्थता अनुबंध के तहत कार्रवाई के किसी भी अधिकार के लिए एक पूर्व शर्त होगी। मध्यस्थता का स्थान भोपाल, भारत होगा।

Settlement of dispute by Arbitration

All disputes and differences of any kind whatever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or after their completion and whether before or after the determination abandonment or breach of the contract) shall be referred to and settled by the Bank who shall state its decision in writing. Such decision may be in the form of a final certificate or otherwise. The decision of the Bank with respect to any of the expected matters shall be final and without appeal as stated in thereof. But if the Contractor be dissatisfied on any matter on which a decision is taken by the Bank as above, except any of the expected matter the Contractor may within 28 days after receiving notice of such decision give a written notice to the other party requiring that the matters in dispute be arbitrated upon. Such written notice shall specify the matters, which are in dispute or difference of which such written notice has been given. If both the parties agree, a single arbitrator would be appointed for the purpose. In case no agreement could be reached on the appointment of single arbitrator, both the parties will nominate one person each as an arbitrator on their behalf. The two arbitrators nominated by the parties shall nominate one more person to act as third arbitrator.

The Arbitrator or Arbitrators, as the case may be, shall have power to open up, review and revise any certificate, opinion, decision, requisition or notice, save in regard to the excepted matters, referred to in the preceding clause, and to determine all matters to dispute which shall be submitted to arbitration and of which notice shall have been given as aforesaid.

The Arbitrator or Arbitrators, as the case may be, shall make his or their award within one year (or such further extended time as may be decided by him or them as the case may be with the consent of the parties) from the date of entering on the reference. In case during the arbitration proceedings the parties mutually settle or compromise their dispute or difference, on the parties filing their joint memorandum of the settlement or compromise, the Arbitrator or the Arbitrators as the case may be, shall make an award in terms of such settlement or compromise.

Upon any such reference, the decision on the cost incidental to the reference and Award respectively shall be in the discretion of the Arbitrator or Arbitrators as the case may be, who may determine the amount thereof or direct the same to be taxed as between the party and party, and shall direct by whom and to whom and in what manner the same shall be borne and paid. This submission shall be deemed to be a submission to arbitration within the meaning of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification thereof.

The award of the Arbitrator or Arbitrators, as the case may be, shall be final and binding on the parties. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence and shall until the decision of the Arbitrator or Arbitrators, as the case may be, is given, abide by the decision of the Bank. No award of the Arbitrator or Arbitrators, as the case may be, shall relieve the Contractor of his obligations to adhere strictly to the Bank's instructions with regard to the actual carrying out of the works. The Employer and the Contractor hereby also agree that arbitration under this Clause shall be a condition precedent to any right of action under the Contract. The venue of arbitration shall be Mumbai/ Navi Mumbai, INDIA.

यदि ठेकेदार एक साझेदारी फर्म अथवा व्यक्ति हो	गवाह जिनकी मौजूदगी में ऊपर उल्लिखित दिनांक और वर्ष को नियोक्ता और ठेकेदार दोनों ने इस करार को निष्पादित करने हेतु हस्ताक्षर किया है और इसे दो प्रतियों में तैयार किया गया है।
If the Contractor is a partnership firm or an individual	IN WITNESS WHEREOF the Employer and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first herein above written.
यदि ठेकेदार एक कंपनी हो	गवाह जिनकी मौजूदगी में ऊपर उल्लिखित दिनांक और वर्ष को इस करार को निष्पादित करने हेतु नियोक्ता और ठेकेदार दोनों ने अपने विधिवत प्राधिकृत अधिकारियों के माध्यम से मुहर सहित हस्ताक्षर किया है तथा इसे दो प्रतियों में तैयार किया गया है।
If the Contractor is a company	IN WITNESS WHEREOF the Employer has set its hands to these presents through its duly authorized official and the Contractor has caused its common seal to be affixed hereunto and the said two duplicates / has caused these presents and the said two duplicates hereof to be executed on its behalf, the day and year first hereinabove written.

हस्ताक्षर खंड

Signature Clause:

भारतीय रिज़र्व बैंक की ओर से निम्नलिखित द्वारा हस्ताक्षर और सुपुर्द किया गया।

SIGNED AND DELIVERED by the Reserve Bank of India by the hand of

श्री /Shri

(नाम और पदनाम / Name & Designation)

.....

.....

की उपस्थिति में/in the presence of

(1)

(नाम और पदनाम / Name & Designation)

संपदा विभाग/ Estate Department

भारतीय रिज़र्व बैंक, बेलापुर कार्यालय

Reserve Bank of India, Belapur

(गवाह/witness)

(2)

(नाम और पदनाम / Name & Designation)

संपदा विभाग / Estate Department

भारतीय रिज़र्व बैंक, बेलापुर कार्यालय

Reserve Bank of India, Belapur

(गवाह/Witness)

द्वारा हस्ताक्षरित और सुपुर्द SIGNED AND DELIVERED BY

यदि पार्टी साझेदारी फ़र्म या एक व्यक्ति है तो सभी साझेदारों द्वारा या उन सभी की ओर से हस्ताक्षरित किया जाना चाहिए

If the party is a partnership firm or an Individual should be signed by all or on behalf of all the Partners

निम्न की उपस्थिति में In the presence of:

(1)

पता/Address: -----

(गवाह/Witness)

(2)

पता/Address: -----

(गवाह/Witness)

नोट Note:

बैंक, ठेकेदार के साथ करार करने से पहले करार की शर्तों में संशोधन करने का अधिकार सुरक्षित रखता है ।

Bank reserves the right to modify the contents of the Articles of the Agreement before the agreement is entered with the contractor.

Section-III

General Instructions to Tenderers and Special Conditions

3.0 Online Submission of Tender: -

The Tender shall be submitted through online mode. The tender will be in two parts i.e., Part I containing technical specifications of equipment's offered, and the terms and conditions (Rates & Amounts of items shall not appear anywhere in this part) and Part II containing only rates of items and amounts stated in figures and words. Part II does not contain any terms and conditions and shall be submitted through online. Part I of tenders will be opened at 15:00 hrs on August 20, 2025. Part II of the tenders will be opened on a subsequent date under intimation to all the tenderers. Telegraphic, Fax and e- mail tenders will not be accepted. All copies of the tenders should be duly signed and complete in all respects with all attachments/ enclosures/ annexures. Insertions, postscripts, additions and alterations shall not be valid unless confirmed by the tenderers signature.

3.1 Tenderers are advised to use only the forms (tender books) available on the website. Each page of the forms shall be signed and returned / uploaded. Each copy of the tender shall be clearly marked as "original" and "duplicate" as the case may be.

3.2 Tenderers are advised to submit tender on MSTC website (www.mstcecommerce.com/eprocn) within the stipulated time schedule.

3.3 If applicants desire to submit additional information, they may upload the same on MSTC website on their own letter head / paper. Each page of the forms shall be signed, filled and submitted / uploaded through online. The tender should be uploaded and submit online within the stipulated time / date i.e., up to 12:00 Hrs. on August 20, 2025.

3.4 Part I – Technical & Commercial

3.4.1 Part I – Shall contain the unpriced tender consisting of complete technical specification including documents and commercial terms and conditions technical aspects of the tender such as equipment data sheets, makes of materials, technical description. Earnest money in the form of DD or Bank Guarantee in lieu of Earnest money shall be submitted in person to **Estate Department, Reserve Bank of India, H.H Nirmala Devi Marg, Sector-10, CBD Belapur, Navi Mumbai, Maharashtra-400614** on or before 12:00 Hrs on August 20, 2025.

Part I of the tender as submitted in online shall contain the following:

- i) Earnest money in the form of DD issued by a scheduled Bank in India or Bank Guarantee in lieu of Earnest money Shall be submitted in person to **Estate Department, Reserve Bank of India, H.H Nirmala Devi Marg, Sector-10, CBD Belapur, Navi Mumbai, Maharashtra-400614** within the above cited timeline.
- ii) Power of Attorney/authorization with the seal of the company/firm in the name of the person signing the tender documents.
- iii) Any other technical information the tenderer wishes to furnish.

- iv) List of deviations, if any, in commercial terms and conditions.
- v) List of deviations, if any, in technical specification.
- vi) Detailed proposed **design, layout drawing** and full equipment details.
- vii) **Product support for eight (08) years is desired.** Tenderer shall specifically indicate the product support offered against this tender & submit an undertaking in this regard.
- viii) The tenderer should have maintenance set-up at **Mumbai / Navi Mumbai**. Address & telephone / fax nos. of maintenance set-up shall be indicated.
- ix) Technical data sheet as given under Section-IX shall be filled up giving full information.
- x) Other Certificates / Declarations as per Annexures enclosed to be submitted.

3.4.2 Pre-qualification Criteria: -Only those firms having the following qualification will be eligible for participating in the e-tendering process.

1	Duration of past experience	Only those OEM or authorized dealers with valid dealership certificate who are GST registered and have minimum 5 years of experience (Corresponding Work orders justifying Work experience must be dated on or before June 30, 2020) in the field of work of similar nature (i.e. Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the large commercial/ office building) should furnish their Client list showing the details of work carried out by them. The list shall include details such as Name of the Client, Value of work executed, Date of Start and Finish of the work, Reasons of delay, if any, etc. The Applicant should submit documentary evidence in support of minimum experience of 5 years.
2	Minimum value of each completed work (qualifying)	Experience of having successfully completed similar works i.e., Design, supply, installation, testing and commissioning of Intelligent Analog Addressable Fire Alarm during last 5 years i.e., on or before June 30, 2025 , (a) Three completed works each costing not less than the amount equal to 40 % of the estimated cost or (b) Two completed works each costing not less than the amount equal to 50 % of the estimated cost or (c) One completed work costing not less than the amount equal to 80% of the estimated cost
3	Yearly Turnover	100% of estimated cost or more during the last three financial years (i.e., 2022-23, 2023-24 and 2024-25) ending 31 st March 2025.
4	Solvency	Should furnish solvency certificate issued by the Applicant's banker, specifically for the purpose of the above work for an amount equal to estimated cost
5	Service setup	Full-fledged service setup should be available for the specified job at Mumbai / Navi Mumbai.

3.4.3 The Tenderers are advised to visit the site of installation and acquaint themselves of the site conditions before tendering.

3.4.4 The tenderers are advised to upload the tender based strictly on the General Conditions of the Contract and Technical Specifications contained in the tender documents, and not to stipulate any deviations. If acceptance of the terms and conditions given in the tender documents has any price implications, the same should be considered and included in the quoted price. Tender containing deviations from the terms and conditions is liable to be rejected.

3.4.5 The tenderers shall upload full details of the patent, trademark, registered design, intellectual property rights, copy rights, industrial property rights held by them or used by them of any third party with regard to design or any part of the system.

3.4.6 All information, correspondence letters shall be submitted in duplicate and addressed to **The Chief General Manager, Reserve Bank of India, Estate Department, H.H Nirmala Devi Marg, Sector-10, CBD Belapur, Navi Mumbai, Maharashtra-400614.**

3.5 Part II -Price bid: - Part II containing price bid.

- (a) This part shall contain prices in Indian Rupees only as per format (Part II) both in figures and words. No other enclosure is permitted in Part II. Change of terms and conditions and technical deviations, if any, found in Part II of the tender will not be taken into account and will be treated as null and void.
- (b) The tenderer must use only the forms issued by the Bank to fill in the rates. The tender form must be filled in English and all entries must be made by hand and written in ink. If any of the documents is missing or unsigned, the tender may be considered invalid by the Bank in its discretion.
- (c) Rates should be quoted both in figures and words in columns specified. All erasures and alterations made while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the tender void at the Bank's option. No request for any change in rate or conditions after the opening of the part II tender will be entertained.
- (d) The rates quoted shall be deemed to be for the finished work and shall be firm and binding without any escalation whatsoever till the system is handed over to the Bank.
- (e) For any item, if the rate and amount do not tally with respect to the quantity, then the amount arrived on the basis of quoted rates shall only be acceptable.

3.6 Pre-Bid Meeting:

A pre-tender briefing meeting of the intending tenderers will be held at 15.00 Hrs on August 07, 2025, to clarify any point/doubt raised by them in respect of the tender. No separate communication will be sent for this meeting. **All communication regarding points requiring clarifications shall be given through mail to estatebelapur@rbi.org.in by the intending tenderers before 17:00 Hrs. on August 06, 2025.** It is advised for the intending firms to attend the pre bid meeting to get clarification from the Bank. No request for change in the date of Pre-bid meeting will be entertained. After Pre-bid meeting submission of any deviations in the tender conditions along with Part-I of the tender is liable for rejection of the tender.

3.7 Opening of e-Tender: -

Part-I of the e-tenders will be opened on August 20, 2025, at 15.00 hrs. IST through system. Price bid (Part II) of only such of those tenderers who are found eligible after scrutiny of their Part –I of the tenders will be opened on a subsequent working day which will be intimated to all the eligible tenderers.

3.8 Scope of Work: - The scope of work shall include the followings.

- a) **Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur, Navi Mumbai.**
- b) Delivery of all equipment's materials to Bank's site at Belapur including packing, handling, transporting, insurance, loading / unloading at site in Belapur.
- c) Erection, commission, testing & handling of Fire Alarm System to Bank.
- d) Providing all-inclusive service including all spares, etc. during warranty period
- e) Providing Comprehensive AMSC during post warranty period
- f) The tenderer should indicate in his tender the complete description of the working of the system / sub systems and their power requirements with all relevant brochures / literature etc. in addition to those called for in the Technical Specifications.
- g) The Tenderer shall carefully check the specifications and shall satisfy himself that the equipment offered is suitable as per the Bank's Technical Specifications.

3.9 Validity of e-Tender: -

The Tender along with the prices shall remain valid initially for a period of 90 days from the date of opening of Part I of tender, which period may be further extended by mutual agreement in writing by the Tenderer and the Tenderer shall not cancel or withdraw the tender during this period.

3.10 Lowest e-tender not necessarily to be accepted: -

- a) The Bank is not bound to accept the lowest or any tender or to assign any reason for non-acceptance.
- b) The tenderer whose e-tender is not accepted shall not be entitled to claim any costs, charges, damages and expenses of and incidental to or incurred by him through or in connection with his submission of e-tenders, even though the Bank may elect to modify/withdraw the tender

3.11 Earnest Money, Security Deposit & Security during Defect liability period and Comprehensive Annual Maintenance Contract period: -

3.11.1 All Tenderers shall deposit Earnest Money of **Rs.1,16,000/-** by NEFT (details are in [Annexure-XV](#)) / Demand Draft drawn in favour of Reserve Bank of India, payable at Belapur, from any Scheduled Commercial Bank. The Earnest Money Deposit (EMD) is also acceptable in the form of Bank Guarantee in the approved format. The EMD paid by the e-Tenderer shall be held by the Reserve Bank of India initially valid for 4 months, shall remain un-discharged for such period as may be specified for keeping the tender open. No interest shall be paid on the said deposit. Under no circumstances, Earnest Money Deposit will be accepted in the form of fixed deposit receipts or insurance guarantee or cheque or cash.

The EMD of successful tenderer shall be released on acceptance of the tender and on production of a new Bank Guarantee called “**Performance Bank Guarantee (PBG)**” from any scheduled commercial bank in the form prescribed by the Bank in Annex towards security deposit for due fulfilment of the contract.

On receipt of intimation from the Bank of the acceptance of his/their tender, the successful tenderer shall be bound to implement the contract and within fourteen days thereof. The successful tenderer shall sign an agreement in accordance with the draft agreement and the Schedule of Conditions but the written acceptance by the Reserve Bank of India of a tender will constitute a binding contract between the Reserve Bank of India and the person so tendering, whether such formal agreement is or is not subsequently executed.

3.11.2 All compensation or other sums of money payable by the Contractor to the Employer under the terms of this Contract may be deducted from the security deposit, if the amount so permits unless the contractor deposits such amounts in cash within ten days of issue of demand notice by the Bank.

3.11.3 a) Performance Bank Guarantee (PBG) as security deposit for completion period:

On award of the work, the successful tenderer shall furnish an amount equal to **10% (Ten percent)** of the contract value in the form of a Bank Guarantee (BG) from any scheduled commercial Bank in the form prescribed by the Bank as per Annexure towards security deposit for the due fulfilment of the contract. This Performance Bank Guarantee (PBG) shall be initially valid for a period of contract duration plus three (3) months and shall be suitably extended till final completion of the work plus three (3) months in case of extension of contract period. The Bank Guarantee towards the Earnest Money Deposit (EMD) furnished at the time of submission of tender will be returned thereafter without any interest. **Such Performance Bank Guarantee (PBG) should be submitted to the Bank within 14 days of the issue of work order.**

If the tenderer fails to furnish the Performance Bank Guarantee within stipulated time period, their tender is liable to be cancelled and the EMD deposited shall be enforced without prejudice for further loss or damage.

The Bank Guarantee towards EMD shall be suitably extended, if necessary, the successful tenderer till the date fixed by the Bank for furnishing the PBG towards security deposit for the due fulfilment of the contract.

b) Bank Guarantee towards defect liability period and CAMSC (i.e., Comprehensive Annual Maintenance Service Contract) period: -

After completion of the work, validity of PBG may be extended till one year from the date of Virtual completion or the successful tenderer shall furnish an amount equal to **10% (Ten percent)** of the contract value in the form of BG (Bank Guarantee) from any schedule Bank in the form prescribed by the Bank as per Annex towards Security Deposit for the due fulfilment of the terms and obligations of the DLP and CAMSC contract

This **10% (Ten percent)** BG should be initially valid for a period of one year from the date of Virtual completion and after that that it shall be further extended for a reduced amount equal to 10%,

annually, of the contract value for due fulfilment of the CAMSC contract condition for a further period of 7 years.

The Bank reserves the right to enforce the Bank Guarantee in case of unsatisfactory performance / service of the terms, conditions of DLP and CAMSC set out in the tender at any time during the currency of committed period of 8 years.

3.12 Terms / mode of Payment: -

The payment for the works to be executed under this contract shall be made as follows and no variation in the mode of payment will be acceptable to the Reserve Bank of India. The payment will be made as follows:

- 1) 60% of the quoted rate on pro-rata basis against delivery of materials at site after checking the same and on submission of the following documents:
 - a) Manufacturer's Inspection and Test Certificates
 - b) Contractor's Certificate that all components, parts, sub systems, consumables etc. for successful installation, commissioning and testing of the systems including maintenance have been received at site in good condition and if any shortfall is noticed during installation, commissioning and testing they will be supplied free to the Bank.
 - c) Policies of insurance covering all the risk during transit, storage, installation, commissioning & handing over including third party liabilities as per e-Tender conditions.
- 2) Balance 40 % of the quoted rates against erection, testing, commissioning and handing over of the entire system and submission of BG as per clause 3.11.3.

The pro rata payment against all-inclusive upkeep & Maintenance Contract shall be made half yearly on submission of the bill towards the same after completion of satisfactory services along with required tests / reports.

3.13 Taxes: -

The prices quoted shall be deemed to have included all taxes including GST, custom duty, excise duty, local levies, works contract tax etc. imposed by Central/State Government/ Local Bodies. If the Tenderer fails to include such taxes and duties in the tender, no claim thereof will be entertained by the Bank afterwards. As per Indian laws, income tax will be deducted at source and a certificate for the same will be issued to the contractor.

3.14 Insurance: -

The contractor shall, within 14 days from the date of commencement of the works, insure the works at his cost and keep them insured until the virtual completion of reworks, against loss or damage by fire with an office in the joint names of the employer and the contractor (**the name of the former i.e. RBI being placed first in the policy**) for the full amount of the contract. Such policy shall cover the property of the "Employer" only. The contractor shall deposit the policy and receipts for the premium with the employer within twenty-one days from the commencement of the works. In

default of the contractor, insuring as provided above, the employer may so insure the works and may deduct the premium paid from any moneys due, penalty etc., or which may become due to the Contractor without prejudice to the other rights of the Employer in respect of such default. In case it becomes necessary to suspend the works, the Contractor shall as soon as the claim under the policy is settled, or the work reinstated by the Insurance Office, should they elect to do so, proceed with all due diligence with the completion of the works in same manner as though the fire had not occurred and in all respects under the same conditions of Contract. The Contractor in case of rebuilding or reinstatement after fire shall be entitled to such extension of time for completion as seems fit.

The contractor shall take all insurances at his cost to cover all kinds of risks from the time the equipment's/materials leave the manufacturer's works till handing over the said system to the Bank, in the joint names of the Bank and the contractor and it shall cover the following risks.

- Storage, erection, testing and commissioning policy including fire risk.
- Transit insurance for transportation from manufacturer's works to site (By Air/sea/Road etc. as applicable).
- Workmen compensation policy for the employees of the contractor at site.
- Third party liability in "Contractors All Risk Policy" shall be minimum ₹ **5.00 lakh (Rupees Five lakh only)** per person for any one accident or occurrence and ₹ **10.00 lakh (Rupees Ten lakh only)** in respect of damage to property for any one accident or occurrence.

Note: These policies shall be valid till the completion of the work & in the joint name of RBI with RBI's name being the first one. If the contractor does not provide these policies, the Bank reserves the right to take the above insurance policies themselves and recover the cost thereof from the bill of the contractor or any other action as deemed necessary.

3.15 Completion Period: -

- 3.15.1** Time allowed for carrying out the work, as mentioned in the Memorandum, shall be strictly observed by the Contractor and it shall be reckoned from the 14th day after written order to commence the work is issued. The work shall throughout the stipulated period of the contract be proceeded with all the diligence and if the contractor fails to complete the work within the specified period, he shall be liable to pay liquidated damages as defined in "Appendix herein before referred to" of the contract.
- 3.15.2** The contractor shall submit a Bar Chart for completion of the work within the contractual completion period from the tenth day of letter of intent. Such chart shall include all activities like the date of supply of material at site, item wise completion of work etc., and obtain the approval of the Bank.
- 3.15.3** Bank will provide lockable storage space within the compound of the building. However, the responsibility and safety of the materials stored will be with the contractor. No accommodation will be provided for any worker by the Bank.

3.16 Warranty / Defects Liability Period.

The equipment's supplied & installed i.e., the entire work, shall be guaranteed against all types of

defects for a period of one year from the date of handing over of the equipment to the Bank. Any defects found in the system/sub-assemblies within the guarantee period shall be rectified / replaced by the tenderer free of cost. During this period, servicing at quarterly interval or earlier, as prescribed by the manufacturer and as mutually agreed to, shall be carried out free-of-cost. Tenderer shall also indicate the service facility available at the places of installation and technical set-up and the telephone number and address of their service centre. The tenderers shall indicate details such as the service centre from which the proposed systems will be serviced, the staff strength at that centre and the availability of spares for the system at that center.

The tenderers shall also quote their charges for providing all-inclusive comprehensive maintenance service applicable after the expiry of the one-year guarantee period. The scope of the contract will include at least FOUR servicing / preventive maintenance at quarterly intervals in a year and ANY NUMBER of breakdowns calls round the clock. Preventive maintenance should include all the activities as recommended by the OEM including upgradation of software / firmware / Operating system, cleaning of equipment's etc. It may be noted by the tenderers that the Bank will not provide any kind of assistance in the form of man/material/transport etc., and the tenderers will have to make their own arrangements for deputing the required skilled manpower including all necessary spares for setting right the reported/observed defects.

3.17 The scope during the DLP and CAMC will be as follows:

(a) Any defect(s) in the system/sub-assemblies, found within the guarantee period and the annual maintenance contract period shall be rectified / replaced by the tenderer without any additional cost including replacement of detectors, all spare parts, loop cards, control & monitoring modules, display, keypad, MCPs, hooters, response indicators, PC, printer and its cartridge refilling, batteries, SMPS, OS and other software viz., antivirus and its updates, license renewals and loop wiring/cable, any other consumables required and labor involved etc., the rates quoted should include all such factors.

(b) During the period of DLP and CAMC, the system shall be inspected and checked by deputing a competent, trained service engineer (as per the schedule drawn in consultation with Bank's Security Officer) **once in a quarter** including attending to **ANY NUMBER** of breakdown calls. Full servicing and cleaning of devices by creating a fire/smoke simulation in the loops as per following schedule

- Servicing shall be carried out in accordance with the IS 2189 and OEMs recommended schedule.
- General / visual inspection of panels for operation of buttons / display, faults, fire alarms, etc.
- Cleaning of all detectors for removal of dust / dirt / insects that have accumulated and checking of minimum five detectors selected at random covering all the loops / zones, including critical area detectors like server /UPS room etc.
- Batteries and their connections should be examined and tested to ensure that they are in good serviceable condition for a further period.
- Detectors (at least 20% of total installed quantity) shall be tested for its sensitivity once in a year and routine tests as per the prescribed method by the OEM / IS code.

- Care should be taken to minimize the disruption of the normal use of the building by alarm sounding during detector testing. If detectors are removed for testing or servicing, replacement detectors should be provided.
- Re-setting of panel and generation of printed report of fire alarm.
- Handing over of fire alarm report and panel in good working condition to security officer.

(c) The comprehensive service contract rate shall also take into account all the cost, including travel cost from the nearest service station, cost of all spare parts, detectors, loop cards, control & monitoring modules, display, keypad / touch screen, MCPs, hooters, response indicators, PC, printer, batteries, SMPS, wires / cables, all type of plastic parts and consumables (viz., batteries, refilling of printer cartridge, glass/transparent covers of MCP, fuses, OS and other software viz., antivirus and its upgrades, license renewals etc.), and spare detectors of each type for immediate replacement. Critical area detectors viz. server rooms / UPS rooms etc. should be invariably included and checked during the quarterly visits. Suitable log register indicating faults, rectification done with date & time of breakdown should be maintained and got signed from the Security officer of the Bank. Bank will not provide any assistance in the form of men/material during the currency of the guarantee and service contract.

(d) The tenderers will have to make their own arrangements for deputing a helper to skilled personnel including all necessary spares for rectification of the defects reported/observed.

The quoted CAMC rate shall remain firm and valid for a period of one year from the date of expiry of guarantee / defect liability period without any escalation. Payment for CAMC shall be on half yearly basis on rendering satisfactory service. The service contract shall be renewed for an additional period of at least **7 (seven) years** after the initial defect liability period of 1 (one) year. In other words, an assured life and service support will be provided for a total of 8 years period after commissioning and handing over of the system for use. At the time of renewal of contract after the expiry of the initial validity period of one year of DLP and for all subsequent years, the new contract amount will be arrived at based on following formula.

$$A_C = A_P \{15 + 60 \times (EPI_C/EPI_P) + 25 \times (CPI_C/CPI_P)\} \times (1/100)$$

A_C The contract amount for the current year

A_P The contract amount for the previous year

EPI_C Wholesale Price Index for Electrical Products 6 months prior to the commencement date of contract for the current year

EPI_P Wholesale Price Index for Electrical Products 6 months prior to the commencement date of contract for the previous year

CPI_C Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the current year

CPI_P Consumer Price Index for Industrial Workers (All India Average) 6 months prior to the commencement date of contract for the previous year

During the period of contract, the system shall be serviced and maintained as per frequency described in the contract agreement for CAMC to ensure that all the system equipment's are functioning normally and satisfactorily. The routine maintenance shall also include cleaning of all equipment's. If the fault is not rectified within 24 hours of lodging a complaint with the firm either by an e-mail or over mobile / telephone, a penalty as mentioned in table below will be levied and shall be payable by the contractor on demand or shall be recovered from any dues payable by the Bank to the contractor.

		Rectification time	Penalty
(a)	Any defects resulting in total failure of the system	24 hours	Rs.3000/- per day
(b)	Any defects in independent devices, components, cables which may not result in total failure of the system	24 hours	Rs.500/- per day per component

3.18 Evaluation of Tenders: -

Tenders will not only be evaluated on the basis of capital cost but also taking into account the rates quoted for Comprehensive Annual Maintenance Service Contract (CAMC) for a period of 7 years after one year guarantee period (i.e., DLP). Tenders will therefore be evaluated based on the overall owning cost which will be arrived at as under.

Total owning cost = Net Capital Cost (Cost of new equipment's – buyback value of old equipment's) + NPV factor for CAMSC X Charges for CAMSC per annum.

i.e., **Total owning cost** = Net Capital cost (Cost of new equipment – buyback value for old equipment's) + 5.632 X quoted per annum cost for CAMSC.

The AMC rate will be fixed for 01 year after DLP, and payment of quoted AMC amount shall be made on half yearly basis on satisfactory services.

For calculating the NPV of Comprehensive Annual Maintenance Service contract the following factors will be applied:

(a)	Escalation	5% per annum
(b)	Discount factor	8% per annum
(c)	Period of CAMSC	7 years (after guarantee period of one year i.e., DLP)
(d)	Payment terms of CAMC	Half yearly payment after satisfactory completion of quarterly service.

3.19 Packing and Dispatch: -

The equipment shall be properly and securely packed in boxes and multiple handling and transportation by sea/ air / rail / road under Indian conditions. All equipment/components shall be delivered at the Bank's Main Office Building, Belapur.

3.20 Signing of Contract Agreement: -

- a) The General instructions to the tenderers and special conditions, conditions herein before referred to Conditions of Contract and Technical Specifications and drawings enclosed with the tender documents, the subsequent correspondence exchanged between the Bank and the tenderer, and the work order placed shall be the basis of the final contract to be entered into with the successful tenderer.
- b) The Tenderer shall go through the terms and conditions given in the general conditions of contract herewith and his offer shall be strictly in line with the terms specified therein. No deviation from the terms and conditions specified shall be acceptable. Each page of the tender documents should be signed for his/their having acquainted himself/themselves in the general conditions of contract, technical specifications, etc.
- c) The tender submitted on behalf of a firm shall be signed by all the partners of the firm or a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise, the tender may be rejected.
- d) On receipt of intimation from the Bank of the acceptance of his/their tender, the successful tenderer shall be bound to implement the Contract and within fourteen days thereof, the successful tenderer shall sign an agreement in accordance with the draft agreement. Notwithstanding the signing of the agreement the written acceptance by the Reserve Bank of India of a tender in itself will constitute a binding agreement between the Reserve Bank of India and the person so tendering, whether such contract is or is not subsequently executed.
- e) The contractor shall not assign the contract. He shall not sublet any portion of the contract except with the written consent of the Employer. In case of breach of these conditions, the Employer may serve a notice in writing on the Contractor rescinding the contract whereupon the security deposit shall stand forfeited to the Employer, without prejudice to his other remedies against the Contractor

3.21 Language

The Tender including all labels in drawings, documents, catalogues etc. shall be in English

3.22 Right to Accept Part Tender

The Bank reserves the right to accept the tender either in whole or in part at the same prices quoted by the Tenderer.

3.23 Import License

Import License if required will be obtained by the Tenderer. All necessary documents/fees required to be submitted/paid to the relevant authorities, for obtaining the import license shall be the sole responsibility of the tenderer.

3.24 Adherence to Specifications

The Contractor shall carry out all the work strictly in accordance with the detailed specifications and instructions of the Bank's engineer. If in the opinion of the Bank's engineer nominal changes have to be made to suit the site condition and with the prior approval in writing of the Employer, the Contractor shall carry out the same without any extra charge.

3.25 Acquaintance with the site of work

The tenderer must obtain for himself on his own responsibility and at his own expense, all the information which may be necessary for the purpose of making a tender and for entering into a contract and must examine, inspect the site of the work, and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters appertaining thereto. The Employer's decision in such cases shall be final and shall not be open to arbitration.

3.26 Schedule of quantities

A Schedule of Probable Quantities in respect of each work and Specifications accompany these Special Conditions. The Schedule of Probable Quantities is liable to alteration by omissions, deductions or additions at the discretion of the Employer. Each tender should contain not only the rates but also the value of each item of work entered in a separate column and all the items should be totaled in order to show the aggregate value of the entire tender.

3.27 Not entitled for any compensation

The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause of delays may be, including delays arising out of modifications to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contracts for other trades of the project or in commencement or completion of such works. The Employer does not accept liability for any sum besides the tender amount, subject to such variations as are provided for herein.

3.28 Bound to carry all items of the work

The successful tenderer is bound to carry out all items of work necessary for completion of the job even though such items are not included in the quantities and rates. Schedule of instruction in respect of such additional items and their quantities will be issued in writing by the Bank.

Place:

Date:

Signature and seal of the tenderer

Safety Code

1. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place.
2. The injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalization.
3. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from ground.
4. No portable single ladder shall be over 8 meters in length, the width between the side rails not less than 30 cm (clear) and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench or half of the depth of the trench, whichever is more. All trenches and excavations shall be provided with necessary minimum height shall be one metre.
6. Every opening in the floor of a building or a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one metre.
7. No floor, roof or other part of the structure shall be so over-loaded with debris or materials as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement, mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves.
9. Those engaged in welding works shall be provided with welder's protective eye-shields and gloves.
10. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
11. Suitable face masks should be supplied for use by the workers when the paint is applied in the form of spray or surface having lead paint dry rubbed and scrapped.
12. Hoisting machines and tackles used in the work, including their attachments, anchorage and supports shall be in perfect condition.
13. The ropes used in hoisting or lowering material or as a means of suspension shall be of durable quality and adequate strength and free from defects.

Place:

Date:

Signature of the tenderer with Seal.

Fire Safety Code

1. Cutting / drilling machine and other electrically operated equipment's used at site shall be plugged into correctly rated electrical outlets.
2. Only ISI marked 3 pin plug and other appliances and equipment's shall be used.
3. Electrical power cables/wires used shall not have any joints and shall be properly rated.
4. All electrical appliances i.e., welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
5. Before commencing the welding work for the first time on any day, fire section shall be informed and only after the site inspection by the Fire officers/Personnel, work shall be started.
6. Two buckets of water and sand shall be kept in an easily accessible area on the site.
7. Fire extinguishers recommended and issued by fire officers shall be kept on the site.
8. Used paint drums shall be stored in specified store only after closing them properly.
9. Personal protective equipment's such as safety shoes, hand gloves, welder's mask, ear plug etc. depending upon the requirement of the work shall be provided by the contractor to the workmen to prevent occupational health hazards.
10. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10' from Ground level.
11. None of the passages near lift lobby and staircases shall be used for stacking / dumping any kind of materials/waste.
12. Both the staircase doors shall be normally kept closed.
13. None of the fire extinguishers shall be removed/shifted from its designated location.
14. Power supply shall be switched off from the mains when equipment is not in use.
15. Wood-shavings and saw-dust generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.
16. Any debris generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.
17. Battery operated emergency light/torches shall be provided by the contractor to the workmen while working beyond office hours.

Place:

Date:

Seal & Signature of the Tenderer.

Section- IV

The Conditions Hereinafter Referred To

4.1 Interpretation Clause

1. In construing these Conditions, the Specifications, Schedule of Quantities and Contract Agreement, the following words shall have the meanings herein assigned to them except where the subject or context otherwise required.

(a)	"Employer"	Shall mean The Reserve Bank of India and shall include its assigns and successors.
(b)	"Contractor" (in the case of a partnership)	"Contractor" shall mean _____ and _____ trading in the name and style of _____ and having a place of business at _____ and shall include the partners for the time being of the said firm and the legal representatives of a deceased partner.
	(in the case of individual)	"Contractor" shall mean Shri _____ trading in the name and style of _____ and shall include his heirs, successors and legal representatives.
	(in the case of Company)	"Contractor" shall mean _____ a _____ company incorporated under _____ and having its registered office at _____ and shall include its successors and assigns.
(c)	"Site"	Shall mean the site of the contract works including any building and erections thereon and any other land (inclusively) as aforesaid allotted by the Employer for the Contractor's use.
(d)	"This Contract"	Shall mean the Articles of Agreement, the Special Conditions, the Conditions, the Appendix, the Schedule of Quantities and Specifications etc. attached hereto and duly signed.

(e)	"Banks Engineer"	The term "Bank's Engineer" shall mean the person appointed and paid by the Employer to inspect the works. The Contractor shall afford the Bank's Engineer every facility and assistance for inspecting the works and materials, and for checking and measuring time and materials. Neither the Bank's Engineer nor any representative of the Bank shall have power to set out works or to revoke, alter, enlarge or relax any requirements of the Contract, or to sanction any day work, additions, alterations, deviations, or omissions, or any extra work whatever, except in so far as such authority may be specially conferred by a written order of the Bank's Engineer with the prior concurrence in writing of the Employer. The Bank's Engineer or any representative of the Bank shall have power to give notice to the Contractor or his representative of non-approval of any work or materials and such work shall be suspended or the use of such materials shall be discontinued. The work will, from time to time, be examined by the Bank's Engineer/Bank's representative but such examination shall not in any way exonerate the Contractor from the obligation to remedy any defects which may be found to exist at any stage of the works or after the same is completed. Subject to the limitation of this clause the Contractor shall take instructions only from the Bank's Engineer.
(f)	"Notice in writing"	Or written notice shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address to have been received when in the ordinary course of post it would have been delivered.
(g)	"Act of Insolvency"	Shall mean any Act of Insolvency as defined by the Presidency Towns Insolvency Act or the Provincial Insolvency Act or any Act amending such original.
(h)	"Net Prices"	If in arriving at the contract amount, the Contractor shall have added to or deducted from the total of the items in the Tender any sum, either as a percentage or otherwise, then the net price of any item in the tender shall be the sum arrived at by adding to or deducting from the actual figure appearing in the Tender as the price of that item a similar percentage or proportion of the sum so added or deducted by the Contractor the total amount of any Prime Cost items and provisional sums of money shall be deducted from the total amount of the tender. The expression "net rates" or "net prices" when used with reference to the contract or accounts shall be held to mean rates or prices so arrived at.

(i)	"The works"	Shall mean the Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building for the Employer at Belapur, Navi Mumbai as provided herein.
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Word importing persons include firms and corporations. Word importing the singular only also includes the plural and vice-versa where the context requires.

4.2 Scope of Contract

The Contractor shall carry out and complete the said work in every respect in accordance with this Contract and with the directions of and to the satisfaction of the Employer. The Employer may in his absolute discretion and from time to time issue written instructions, details, directions and explanations, which are hereafter collectively referred to as "Employer's Instructions" in regard to:

- (a) The variation or modification of the design, quality or quantity of works or the addition or omission or substitution of any work.
- (b) The removal from the site of any materials brought thereon by the Contractor and the substitution of any other material here for.
- (c) The removal and/or re-execution of any works executed by the Contractor.
- (d) The dismissal from the works of any persons employed thereupon.
- (e) The amending and making good of any defects under Clause 4.17 hereof.

The Contractor shall forthwith comply with and duly execute any work comprised in such Employer's instructions provided always that verbal instructions, directions and explanations given to the Contractor or his representatives upon the works by the Employer shall, if involving a variation, be confirmed in writing by the Contractor within seven days, and if not dissented from in writing within a further seven days by the Employer, such shall be deemed to be Employer's instructions within the scope of the Contract

4.3 Variations to be approved by Employer

The Contractor shall submit a statement of variations giving a quantity and rates duly supported by analysis of rates, vouchers etc. The rates on scrutiny and final acceptance by the Employer shall form a supplementary tender. The Employer shall not be liable for payment of such variations until these statements are sanctioned by him.

4.4 Schedule of Quantities & Agreement

The Contract shall be executed in triplicate and the Contractor shall be entitled to one executed copy for his use. Before the issue of the final certificate to the Contractor, he shall forthwith return to the Employer, Specifications to the Bank.

4.5 Contractor to provide everything necessary at his cost

The Contractor shall provide at his cost, everything necessary for the proper execution of the works according to the intent and meaning of Schedule of Quantities and Specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred the reform.

4.6 Authorities. Notices and Patents

- 4.6.1** The Contractor shall conform to the provisions of any Act of the Legislature relating to the works, and to the regulations and bye-laws of any authority, and of electric supply and other companies and/or authorities with whose systems, the installation is proposed to be connected and shall, before making any variations from the Drawings or Specifications that may be necessitated by so conforming, give to the Employer, written notice, specifying the variation proposed to be made and the reason for making it and apply for instructions thereon. In case the Contractor shall not receive such instructions within ten days, he shall proceed with the work conforming to the provisions, regulations or bye-laws, in question, and any variation so necessitated shall be dealt with under Clause No.4.13 thereof.
- 4.6.2** The Contractor shall bring to the attention of the Employer, all notices required by the said Acts, regulations or byelaws to be given to any authority and pay to such authority, or to any public office, all fees that may be properly chargeable in respect of the works, and lodge the receipts with the Employer.
- 4.6.3** The Contractor shall indemnify the Employer against all claims in respect of rights, and shall defend all actions arising from claims, and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

4.7 Setting out of works

The Contractor shall set out the works and shall be reasonable for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof. If at any time any error in this respect shall appear during the progress of the works within a period of one year from the completion of the works, the Contractor shall, if so required, at his own expense, rectify such error to the satisfaction of the Employer.

4.8 Materials and workmanship to conform the descriptions

All materials and workmanship shall so far as procurable be of the respective kinds described in the Schedule of Quantities and/or Specifications and in accordance with the Employer's instructions, and the Contractor shall upon the request of the Employer furnish him with all invoices, accounts receipts and other vouchers to prove that the materials comply therewith. The Contractor shall at his own cost arrange for and/or carry out any test of any materials which the Employer may require.

4.9 Contractor's superintendence and representative on the works

The Contractor shall give all necessary personal superintendence during the execution of the works, and as long thereafter as the Employer may consider necessary until the expiration of the "Defects Liability Period" stated in the Appendix hereto. The Contractor shall also during the whole time the works are in progress, employ a competent representative who shall be constantly in attendance at the works while the men are at work. Any directions, explanations, instructions or notices given by the Employer to such representative shall be held to be given to the Contractor.

4.10 Dismissal of Workmen

The Contractor shall on the request of the Employer, immediately dismiss from the works, any person employed thereon by him who may, in the opinion of the Employer, be incompetent or misconduct himself and such persons shall not be again employed on the works, without the permission of the Employer.

4.11 Assistant Manager (Tech) / Manager (Tech)

The term "Assistant Manager (Tech)/Manager (Tech)" shall mean the person appointed and paid by the Employer to inspect the works, the Contractor shall afford the Assistant Manager, every facility and assistance for inspecting the works and materials and for checking and measuring time and materials. The Assistant Manager (Tech)/Manager (Tech) shall have power to set out works or to revoke, alter, enlarge or relax any requirements of the Contract or to sanction any work, additions, alterations, deviations or omissions or any extra work whatever, except in so far as such authority may be specially conferred by a written order with the prior concurrence in writing of the Employer.

The Assistant Manager (Tech)/Manager (Tech) or the Employer shall have power to give notice to the Contractor or to his representative of non-approval of any work or materials and such work shall be suspended or the use of such materials shall be discontinued by the Assistant Manager/Manager (Tech) but such examination shall not in any way exonerate the Contractor from the obligation to remedy any defects which may be found to exist at any stage of the works or after the same is completed.

4.12 Schedule of Quantities

The Schedule of Quantities, unless otherwise stated, shall be deemed to have been prepared in accordance with the Standard Method of Measurement.

Any error in description or in quantity or in omission of items from the Schedule of Quantities shall not vitiate this contract but shall be rectified and the value thereof as ascertained under Clause 4.15 hereof, shall be added to, or deducted from, the Contract Amount (as the case may be) provided that no rectification of errors, if any, shall be allowed in the Contractor's Schedule of Rates.

4.13 Sufficiency of Schedule of Quantities

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and/or the Schedule of Rates and Prices which rates and prices shall cover all his obligations under the Contract, and all matters and things necessary for the proper completion of the works.

4.14 Measurement of Works

4.14.1 The Assistant Manager (Tech)/Manager (Tech) may from time to time intimate to the Contractor and the Employer that he requires the works to be measured, and the Contractor shall forthwith attend or send a qualified Agent to assist the Assistant Manager (Tech)/Manager (Tech) in taking such measurements and calculations and to furnish all particulars or to give all assistance required by any of them.

4.14.2 Should the Contractor not attend or neglect or omit to send such Agent, then the measurement taken by the Assistant Manager (Tech)/Manager (Tech) shall be taken to be correct measurements of the works. Such measurements shall be taken in accordance with the Mode of Measurement detailed in the Specifications.

4.14.3 The Contractor or his Agent may at the time of measurement take such notes and measurements as he may require.

4.15 Prices for extra etc. ascertainment of

4.15.1 The Contractor may, when authorized by Employer, add to, omit from , or vary the works shown upon the drawings, or described in the Specification, or included in the Schedule of Quantities, but the Contractor shall make no addition, omission or variation without such authorization or direction. A verbal authority or direction by the Employer shall, if confirmed by him in writing seven days, be deemed to have been given in writing

4.15.2 No claim for any extra shall be allowed unless it shall have been executed under provisions of Clause 4.5 hereof with the concurrence of the Employer as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.

(a)	(i)	The net rates or prices in the original tender shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced therein.
	(ii)	Rates for all items, wherever possible, should be derived out of the rates given in the Priced Schedule of Quantities.
(b)		The net prices of the original tender shall determine the value of the items omitted, provided if omissions vary the conditions under which any remaining items of works are carried out, the prices for the same shall be valued under sub-clause (c) hereof.

(c)	Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items of works are carried out or if the amount of any omission or additions relative to the amount of the whole of the Contract works or to any part thereof shall be such that in the opinion of the Employer the net rate or price contained in the Priced Schedule of Quantities or tender or for any item of the works involves loss or expense beyond that reasonably contemplated by the Contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the Employer shall fix such other rate or price as in the circumstances he shall think reasonable and proper.
(d)	Where extra work cannot be properly measured or valued, the Contractor shall be allowed day work prices at the net rates in accordance with the local day work rates and wages for the district, provided that in either case vouchers specifying the daily time and materials employed, be delivered for verification to the Bank's Employer at or before the end of the week following that in which the work has been executed.
The measurement and valuation in respect of the Contract shall be completed within the "period of final measurement" stated in the Appendix.	

4.16 Unfixed materials when taken into account to be the property of the Employer

Where in any Certificate (of which the Contractor has received payment) the Employer has included the value of any unfixed materials intended for and/or placed on or adjacent to the works, such materials shall become the property of the Employer and they shall not be removed except for use upon the works, without the written authority of the Employer. The Contractor shall be liable for any loss of or damage to such materials.

4.17 Removal of improper work

The Employer shall, during the progress of the works, have power to order in writing from time to time the removal from the works within such reasonable time or times, as may be specified in the order, of any materials which in the opinion of the Employer are not in accordance with the Specifications or the instructions of the Employer, the substitution of proper materials, and the removal and proper re-execution of any work executed with materials or workmanship not in accordance with the Drawings and Specifications or instruction, and the Contractor shall forthwith carry out such order at his own cost. In case of default on the part of the Contractor to carry out such order, the Employer shall have the power to employ and pay the other persons to carry out the same, and all expenses consequent thereon, or incidental thereto shall be borne by the Contractor, or may be deducted by the Employer from any moneys due, or that may become due, to the Contractor.

4.18 Defects after virtual completion

Any defect, shrinkage, settlement or other faults which may appear within the "Defects Liability Period" stated in the Appendix hereto, within 12 months from the date of commissioning / handed

over of the system, arising in the opinion of the Employer from materials or workmanship not in accordance with the contract, shall upon the directions in writing of the Employer, and within such reasonable time as shall be specified therein, be amended and made good by the Contractor, at his own cost and in case of default, the Employer may employ and pay other persons to amend and make good such defects, other faults, and all damages, loss and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damage, loss and expenses shall be recoverable from him by the Employer or may be deducted by the Employer from any moneys due or that may become due to the Contractor, or the Employer may in lieu of such amending and making good by the Contractor deduct from any money due to the Contractor a sum to be determined by the Employer equivalent to the cost of amending such work. The Contractor shall remain liable under the provision of this Clause, notwithstanding the signing of any certificate or the passing of any accounts, by the Employer.

4.19 Certificate of virtual completion and Defects Liability Period

The works shall not be considered as completed until the Employer has certified in writing that they have been virtually completed. The Defects Liability Period shall commence from the date of such Certificate.

4.20 Insurance in respect of damage to person and property

4.20.1 The Contractor shall be reasonable for all injury to persons, animals or things, and for all structural and decorative damage to property which may arise from the operation or neglect of himself or of any nominated Sub-Contractor or any employee or either, whether such injury or damage arises from carelessness, accident or any other cause whatever, in any way connected with the carrying out of this Contract. This Clause shall be held to include inter alia, any damage to buildings, whether immediately adjacent or otherwise, and any damage to roads, streets, footpaths, bridges or ways as well as all damage caused to the buildings and works forming the subject of this Contract by frost, rain wind or other inclemency of weather. The Contractor shall indemnify the Employer and hold him harmless in respect of all and any expenses arising from any such injury or damage to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any Acts of any legislature or otherwise and also in respect of any award of compensation or damages consequent upon such claim.

4.20.2 The Contractor shall reinstate all damage of every sort mentioned in this Clause, so as to deliver up the whole of the Contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of third parties. An insurance policy covering third party liability shall be taken by the contractor to cover the loss/disablement of human life (persons not belonging to the contractor). This shall also cover the risk of damages to other's materials/equipment/properties including those, if any of the banks during construction/erection/commissioning of the said contract work at site. The value of third party liability for compensation for loss of human life or full /partial disablement shall be of required statutory value for full and partial disablement and shall

nevertheless cover such compensation as may be awarded by a court of law. Cover for damage to other's equipment/property shall be as approved by the bank. The sub-contractors of the contractor shall not be holders or beneficiaries in the policy nor shall they be named in the policy. The bank shall be the principal holder of the policy along with the contractor. The bank reserves the exclusive right to assign the policy.

4.20.3 The Contractor shall indemnify the Employer against all claims which may be made against the Employer by any member of the public or other third party in respect of anything which may arise in respect of the works or in consequences thereof and shall at his own expense arrange to effect and maintain, until the virtual completion of the Contract, with an approved Office a Policy of Insurance in the joint names of the Employer and the Contractor against such risks and deposit such Policy or Policies with the Employer from time to time during the currency of this Contract. The Contractor shall also similarly indemnify the Employer against all claims which may be made upon the Employer whether under the Workmen's Compensation Act or any other statute in force during the currency of this contract or at Common Law in respect of any employee of the Contractor or any Sub-Contractor and shall at his own expenses effect and maintain, until the virtual completion of the Contract, with an approved Office a Policy of Insurance in the joint names of the Employer and the Contractor against such risks and deposit such Policy or Policies with the Employer from time to time during the currency of the Contract.

4.20.4 The Contractor shall be responsible for any liability which may be excluded from the Insurance Policies above referred to and also for all other damages to any person, animal or property arising out of and incidental to the negligent or defective carrying out of this Contract. He shall also indemnify the Employer in respect of any costs, charges or expenses arising out of any claim or proceedings and also in respect of any award of compensation or damages, arising therefrom.

4.20.5 The Employer shall be entitled to deduct the amount of any damage, compensation, costs, charges and expenses arising or accruing from or in respect of any such claims or damage from any or all sums due or to become due to the Contractor, without prejudice to the Employer's other rights in respect thereof. The Contractor shall at his own expense, arrange to effect and maintain (until the virtual completion of the contract) with an approved office the following insurance policies in the joint name of employer and himself with the employer being first (Principal) and deposit such policy or policies with the employer from time during the currency of this contract.

1. Transit, storage, erection, testing and commissioning policy (C.A.R. policy) for the total amount of contract.
2. Workmen compensation policy
3. Third party liability in "Contractors All Risk Policy" shall be minimum ₹ 5.00 lakh (Rupees Five lakh only) per person for any one accident or occurrence and ₹ 10.00 lakh (Rupees Ten lakh only) in respect of damage to property for any one accident or occurrence.

4.21 Fire Insurance

- (a) The Contractor shall insure the works at his cost and keep them insured until the virtual completion of the work, against loss or damage by fire with in the joint names of the Employer and Contractor (the name of the former being placed first in the Policy), for the full amount of the contract and for any further sum if called upon to do so by the Employer, the premium of such further sum, being allowed to the Contractor as an authorized extra. Such policy shall cover the property of the Employer only and the Employer's and Surveyors' fees for assessing the claim and in connection with his services generally in the reinstatement and shall not cover any property of the Contractor or of any Sub-Contractor or employee. The Contractor shall deposit the Policy and receipts for the premia as specified unless otherwise instructed by the Employer. In default of the Contractor insuring as provided above, the Employer on his behalf, may so insure the works and may deduct the premia paid from any moneys due or which may become due to the Contractor without prejudice to the other rights of the Employer in respect of such default. In case it becomes necessary to suspend the works, the Contractor shall, as soon as the claim under the Policy is settled, or the work reinstated by the Insurance Office, should they elect to do so, proceed with all due diligence with the completion of the works in the same manner as though the fire had not occurred and in all respects under the same Conditions of Contract. The Contractor in case of rebuilding or reinstatement after fire, shall be entitled to such extension of time for completion as the Employer deems fit.
- (b) The amount so due as aforesaid shall be the total value of the works duly executed and of the Contract materials and goods delivered upon the site for use in works upto and including a date not more than seven days prior to the date of the said Certificate less the amount to be retained by the Employer (as hereinafter provided) and less any instalments previously paid under this Clause. Provided that such certificate shall only include the value of the said materials and goods as and from time to time as they are reasonably, properly and not prematurely brought upon the site and then only if properly stored and/or protected against weather.

4.22 Date of Commencement and Completion

The Contractor shall be allowed admittance to the site on the "Date of Commencement" stated in the Appendix hereto or such later date as may be specified by the Employer and he shall thereupon and forthwith begin the works and shall regularly proceed with and complete the same (except such painting or other decorative work as the Employer may desire to delay) on or before the "Date of Completion" stated in the Appendix subject nevertheless to the provisions for extension of time herein after contained.

4.23 Damages for Non-completion

If the Contractor fails to complete the works by the date stated in the Appendix Here in before, Referred to or within any extended time under Clause 4.24 hereof and the Employer certifies in writing that in his opinion the same ought reasonably to have been completed, the Contractor shall

pay the Employer the sum named in the Appendix as "Liquidated Damages" for the period during which the said works shall so remain incomplete and the Employer may deduct such damages from any moneys due to the Contractor.

4.24 Delay and Extension of Time

If in the opinion of the Employer, the works be delayed (a) by force majeure or (b) by reason of any exceptionally inclement weather or (c) by reason of proceedings taken or threatened by or dispute with adjoining or neighboring owners or public authorities arising otherwise than through the Contractor's own default or (d) by the works or delays of other Contractors or Tradesmen engaged or nominated by the Employer and not referred to in the Schedule of Quantities, and/or Specification or (e) by reason of Employer's instructions as per Clause 4. 2 hereof or (f) by reason of civil commotion, local combination of workmen or strike or lock-out affecting any of the building trades or (g) in consequence of the Contractor not having received in due time, necessary instructions from the Employer for which he shall have specifically applied in writing or (h) from other causes which the Employer may certify as beyond the control of Contractor or (i) in the event the value of the work exceeds the value of the Priced Schedule of Quantities owing to variation, make a fair and reasonable extension of time for completion of the Contract works,, in case of such strike or lock-out the Contractor shall nevertheless constantly use his endeavors to prevent delay and shall do all that may reasonably be required to the satisfaction of the Employer to proceed with work.

4.25 Failure by Contractor to comply with Employer's instructions

If the Contractor after receipt of written notice from the Employer requiring compliance within ten days fails to comply with such further drawings and the Employer may employ and pay other persons to execute any such work whatsoever that may be necessary to give effect thereto, and all costs incurred in connection therewith shall be recoverable from the Contractor by the Employer or may be deducted by him from any moneys due to the Contractor.

4.26 Termination of Contract by the Employer

If the Contractor being an individual or a firm commits any "act of insolvency", or shall be adjudged an insolvent or being an Incorporated Company shall have an order for compulsory winding up made against it or pass an effective resolution for winding up voluntarily or subject to the supervision of the Court and the Official Assignee of the Liquidator, in such acts of insolvency or winding up, as the case may be, shall be unable, within seven days after notice to him requiring him to do so, to show the reasonable satisfaction of the Employer that he is able to carry out and fulfill the Contract and to give security therefore, if so required by the Employer.

Or if the Contractor (whether an individual, firm or Incorporated Company) shall suffer execution or other process of Court attaching property to be issued against the Contractor,

Or shall suffer any payment under this Contract to be attached by or on behalf of any of the creditors of the Contractor,

Or shall assign or sublet this Contract without the consent in writing of the Employer first had obtained,

Or shall charge or encumber this Contract or any payments due or which may become due to the Contractor hereunder,

Or if the Employer determine that the Contractor

- (i) has abandoned the Contract ,or
- (ii) has failed to commence the works, or has without any lawful excuse under those Conditions suspended the progress of the works for 14 days after receiving from the Employer notice to proceed, or
- (iii) has failed to proceed with the works with such due diligence and failed to make such due progress as would enable the works to be completed within the time agreed upon, or
- (iv) has failed to remove materials from the site or to pull down, and replace work for seven days after receiving written notice that the said materials or work were condemned and rejected by the Employer under these Conditions or
- (v) has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this Contract to be observed and performed by the Contractor for seven days after written notice shall have been given to the Contractor requiring the Contractor to observe or perform the same.

Then and in any of the said cases, the Employer may notwithstanding any previous waiver, after giving seven days' notice in writing to the Contractor, determine the Contract and liabilities of the Contractor, the whole of which shall continue in force fully as if the Contract had not been so determined, and as if the works subsequently executed had been executed by or on behalf of the Contractor and further, the Employer by his agents or servants may enter upon and take possession of the works and all plant, tools, scaffoldings, machinery and materials lying upon the premises or the adjoining lands or roads, and use the same as his own property or may employ the same by means of his servants and workmen in carrying on and completing the works or by employing any other Contractor or other person or persons to complete the works, and the Contractor or other person or persons employed for completing and finishing or using the materials and plant for the works. when the works shall be completed or as soon thereafter as convenient, the Employer shall give a notice in writing to the Contractor to remove his surplus materials and plant, and should the Contractor fail to do so within a period of twenty days after receipt thereof by him, the Employer may sell the same by public auction, and give credit to the Contractor for the net amount realized. The Employer shall thereafter ascertain in writing under his hand what (if anything) shall be due or payable to, or by the Employer, for the value of the said plant and materials so taken possession of by the Employer and the expense or loss which the Employer shall have been put to in procuring the works to be completed, and the amount, if any, owing to the Contractor and the amount which shall thereupon be paid by the Employer to the Contractor or by the Contractor to the Employer, as the case may be, and the decision of the Employer shall be final and conclusive between the parties.

4.27 Termination of Contract by Contractor

4.27.1 If payment of the amount payable by the Employer shall be in arrears and unpaid for thirty days after notice in writing requiring payment of the amount as aforesaid shall have been given by the Contractor to the Employer or if the Employer shall repudiate the Contract, or if the works be stopped for three months under the order of the Employer or by any injunction or other order of any Court of Law, then and in any of the said cases, the Contractor shall be at liberty to determine the Contract by notice in writing to the Employer and he shall be entitled to recover from the Employer, payment for all works executed and for any loss he may sustain upon any plant or materials supplied or purchased or prepared for the purpose of the Contract.

4.27.2 In arriving at the amount of such payment, the net rates contained in the Contractor's original Tender shall be followed, or where the same may not apply, valuation shall be made in accordance with Clause 4.15 hereof.

4.28 Certificates and Payments

4.28.1 The Contractor shall be paid by the Employer from time to time by installments under Interim Certificate to the Contractor on account of the works executed, work to the approximate value named in the Appendix as "Value of work for Interim Certificates" (or less at the reasonable discretion of the Employer) has been executed in accordance with this Contract, after which time the installments shall be upto the full value of work, subsequently so executed and fixed in the building. The Employer may, at his discretion, include in the Interim Certificate such amount as he may consider proper on account of materials delivered upon the site by the Contractor for use in the works. And when the works have been virtually completed and the Employer shall have certified in writing that they have been completed, the Contractor shall be entitled to the payment of the Final Balance in accordance with the Final certificate to be issued in writing by the Employer at the expiration of the period referred to as "the Defects Liability Period" in the Appendix hereto from the date of Virtual Completion or as soon after the expiration of such period as the works shall have been finally completed and defects made good according to the true intent and meaning hereof, whichever shall last happen, provided always that the issue by the Employer of any certificate during the progress of the works at or after their completion shall not relieve the Contractor from his liability under Clause 4. 20 nor relieve the Contractor of his inability in cases of fraud, dishonesty or fraudulent concealment relating to the works or materials or to any matter dealt within the Certificate, and in case of all defects and insufficiencies in the works or materials, which a reasonable examination would not have disclosed. No Certificate shall of itself be conclusive evidence that any works or materials, to which it relates, are in accordance with the Contract neither will the Contractor have a claim for any amounts which the Employer might have been certified in any interim bill and paid by the Employer and which might subsequently be discovered as not payable and in this respect the Employer's decision shall be final and binding.

4.28.2 The Employer shall have power to withhold any Certificate if the works or any parts thereof are not being carried out to his satisfaction.

4.28.3 The Employer may by any Certificate make any correction in any previous certificate which shall have been issued by him.

4.28.4 No certificate or payment shall be issued if the Contractor fails to insure the works and keep them insured till the issue of the Virtual Completion Certificate.

4.28.5 Payments shall be made within the period named in the Appendix as "Period for honoring Certificates" after such Certificates have been delivered to the Employer.

4.29 Delayed Payment

Any amounts payable by the Employer to the Contractor if not paid within the "Period for honoring Certificates" named in the Appendix, carry interest at the rate named in the Appendix as the "Rate of interest for delayed payment" from the date upon which such sum ought to have been paid by the Employer until the payment.

4.30 Matters to be finally determined by Employer

The decision, opinion, direction, Certificate (except for payment), with respect to all or any of the matter under Clauses 4.2(a), 4.2(b), 4.4,4.7,4.12,4.19,4.28 (1,2,3,4) hereof (which matters are herein referred to as the excepted matters) shall be final and conclusive and binding on the parties hereto and shall be without appeal. Any other decision, opinion, direction, Certificate or valuation of the Employer or any refusal of the Employer to give any of the same shall be subject to the right of arbitration and review under Clause 4.31 hereof in the same way in all respects (including the provision as to opening the reference) as if it were a decision of the Employer.

4.31 Settlement of dispute by arbitration

In case of any dispute or difference arising out of or in connection with or in carrying out of the work (whether during the progress of the work or after completion and whether before or after the determination, abandonment or breach of contract) except as to any of the excepted matters provided hereunder the parties hereto, shall first endeavor to settle such disputes or differences amicably. If both the parties fail to reach such amicable settlement, all the disputes or differences shall be finally settled by arbitrators as provided herein.

In case of failure of such amicable settlement by the parties, then either party may within 28 days of such a failure give a written notice to the other party requiring that all matters in dispute or difference be arbitrated upon. Such written notice shall specify the matters which are in dispute or differences of which such written notice has been given and no other matter shall be referred to the arbitration of a single arbitrator to be appointed by both the parties or in case of disagreement as to the appointment of a single arbitrator, the appointment of two arbitrators (one to be appointed by each party) and an umpire to be appointed by the arbitrators. The provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and rules framed thereunder from time to time shall apply to such arbitrations.

In the event of the Arbitrator or any one of the Arbitrators, as the case may be, dying, neglecting, refusing to act or resigning or being unable to act for any reason or the award being set-aside by the Court for any reason it shall be lawful for the parties to appoint another Arbitrator in the manner provided hereinabove.

The venue of arbitration shall be Mumbai/ Navi Mumbai, INDIA.

The Arbitrator or Arbitrators appointed under this Schedule shall hold the arbitration proceeding jointly and shall have the power to extend the time to make the award with the consent of the parties.

Pending reference to arbitration and award thereon, the parties shall make all endeavor to complete the work in all respects as herein contracted and all disputes, if any, will finally be settled in the arbitration.

Upon every or any such references to the arbitration, as provided herein the cost of and incidental to the reference and award respectively shall be, at the discretion of the Arbitrator or Arbitrators or the Umpire, as the case may be, who may determine the amount thereof.

The Arbitrator, Arbitrators or Umpire, as the case may be, shall give reasoned award in respect of each item of disputes which shall be final and binding on both the parties. It is agreed that the Contractor shall not delay the carrying out of the work by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the work with all due diligence and shall, until the decision of the Arbitrators, as the case may be, is given, abide by the terms and conditions of the contract herein, as also instructions with regard to the actual carrying out of the work herein contracted and no award shall relieve the Contractor of his obligations to adhere strictly to the terms and conditions of the contract herein as also instructions with regard to the actual carrying out of the work. The Bank and the Contractor hereby also agree that arbitration under this schedule shall be a condition precedent to any right of action, under the Contract.

In case during the arbitration proceedings, the parties mutually settle, compromise or compound their dispute or difference, the reference to arbitration and the appointment of the Arbitrator or Arbitrators ,or Umpire, as the case may be, shall be deemed to have been revoked and the arbitration proceedings shall stand withdrawn or terminated with effect from the date on which the parties file a joint memorandum of settlement thereof with the Arbitrator or Arbitrators or the Umpire, as the case maybe. For the purpose of this clause, the expression "excepted matters" shall mean and refer to all or any of the matters under Scope of work, Contract price, Delivery Schedule & Final Acceptance certificate.

4.32 Right of technical scrutiny of final bill

The Employer shall have a right to cause a technical examination of the works and the final bill of the Contractor including all supporting vouchers, abstracts etc. to be made at the time of payment of the final bill. If as a result of this examination or otherwise, any sum is found to have been overpaid or over-certified, it shall be lawful for the Employer to recover the sum.

4.33 Employer entitled to recover compensation paid to workmen

If, for any reason, the Employer is obliged, by virtue of the provision of the Workmen's Compensation Act, 1923, or any statutory modifications or re-enactment thereof to pay compensation to a workman employed by the Contractor in execution of the works, the Employer shall be entitled to recover from the Contractor the amount of compensation so paid, and without prejudice to rights of the Employer under the said Act. The Employer shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by the Employer to the Contractor under this Contract or otherwise. The Employer shall not be bound to contest any claim made against it under the said Act, except on the written request of the Contractor and upon his giving to the Employer full security to the satisfaction of the Employer for all costs for which the Employer might become liable in consequence of contesting such claim.

4.34 Abandonment of Works

At any time after acceptance of the tender, the Employer shall, for any reasons whatsoever, not require the whole or any part of the works to be carried out, the Employer shall give notice in writing to the Contractor who shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the whole works.

4.35 Return of surplus materials

Notwithstanding anything contained to the contrary in any or all the Clauses of this Contract, where any material for the execution of the Contract is procured with the assistance of the Employer by purchases made under orders or permits or licenses issued by Government, the Contractor shall hold the said materials economically and solely for the purpose of the Contract and not dispose of them without the prior written permission of the Employer and return it to the Employer, if required by the Employer, at the price to be determined by the Employer having due regard to the condition of the materials, the price to be determined not to exceed the purchase price thereof inclusive of sales tax, octroi and other such levies paid by the Contractor in respect thereof. In the event of breach of the aforesaid condition, the Contractor shall, in addition to being liable to action for contravention of the terms of licenses or permits and/or criminal breach of trust, be liable to the Employer for all moneys, advantages or profits resulting, or which in the usual courses would have resulted to him, by reason of such breach.

4.36 Right of Employer to terminate Contract in the event of death of Contractor. If individual

Without prejudice to any of the rights or remedies under this Contract, if the Contractor, being an individual, dies, the Employer shall have the option of terminating the Contract without incurring any liability for such termination.

4.37 Marginal Notes

The headings catch lines hereto and in the annexure hereto are meant only for convenience of reference and shall not in any way be taken into account in the interpretation of these presents and the annexure hereto.

4.38 Prevention of Sexual Harassment of women at workplace:

The Contractor / Agency shall be solely responsible for full compliance with the provision of "the Sexual Harassment of women at workplace (Prevention, Prohibition and Redressal) Act, 2013.

- a. In case of any complaint of sexual harassment against its employee within the premises of the Bank, the complaint will be filed before the Internal Complaints Committee constituted by the Contractor / Agency and the Contractor / Agency shall ensure appropriate action under the said Act in respect to the complaint.
- b. Any complaint of sexual harassment from any aggrieved employee of the contractor against any employee of the Bank shall be taken cognizance of by the Regional Complaints Committee constituted by the Bank.
- c. The contractor shall be responsible for any monetary Compensation that may need to be paid in case the incident involves the employees of the contractor, for instance any monetary relief to Bank's employee, if sexual violence by the employee of the contractor is proved.
- d. The contractor shall be responsible for educating its employees about prevention of sexual harassment at work place and related issues.

4.39 Minimum wages to the workman: The contractor shall ensure that minimum wages as per statutory requirement i.e., as per Central Labour Commissioner's Rates (C.L.C. rates) to be paid to all the workmen. A certificate to that effect, on every month, to be submitted to the Bank during period of execution of work and subsequent warranty and AMC period.

4.40 Labour License, ESI, PF : The contractor shall adhere to various provisions of the Contract Labour (Regulation & Abolition) Act 1970 and fulfill all the statutory requirements of payments for ESI & PF and submit a certificate to the Bank in this regard.

4.41 Force Majeure conditions (applicable during the currency of the completion period and subsequent committed DLP and CAMSC period) :- Neither Party shall be responsible for any failure to perform due to unforeseen circumstances or due to causes beyond the defaulting Party's control even after exertion of best efforts to prevent such failure, which failure may include, but not be limited to, acts of God, war, riots, embargoes, strikes, lockouts, acts of any Government authority, delays in obtaining licenses or rejection of applications under the Statutes, fire or floods.

4.42 NON-DISCLOSURE and Indemnity CLAUSE during the execution of work, DLP and CAMSC period:- The contractor shall not disclose directly or indirectly any information, materials and of the Bank's infrastructure/ system / equipments etc. which may come to the profession or knowledge of the contractor during the course of discharging its contractual obligations in connection with the agreement, to any third party and shall at all times hold the same in strictest confidence. The contractor shall treat the details of the contract as private and confidential, except to the extent necessary to carry out the obligations under it or to comply

with applicable laws. The contractor shall not publish, permit to be published, or disclose any particulars of the works in any trade or technical paper or elsewhere without the previous written consent of the Employer.

The contractor shall indemnify the Employer for any loss suffered by the Employer as a result of disclosure of any confidential information. Failure to observe the above shall be treated as breach of contract on the part of the contractor and the Employer shall be entitled to claim damages and pursue legal remedies.

The contractor shall take all appropriate actions with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied. The contractor's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.

Place:

Date:

Signature of the Tenderer with seal.

Section -V

Appendix Hereinbefore Referred To

1.	Defects Liability Period	Twelve months from the date of Virtual Completion Certificate referred to in Clause 4.19 of the section " Conditions Hereinafter Referred To ".	Bidders acceptance (Accepted / not accepted)
2.	Period of Final Measurement	1 month	
3.	Date of Commencement	14 th day from the date of award of work	
4.	Date of Completion	Date of virtual completion certificate.	
5.	Liquidated damages at the rate of	0.25% of the estimated value per week subject to a maximum of 10% of the contract value.	
6.	Value of works for interim certificates	Rs. 25 lakhs	
7.	Period for honoring certificates	One month for interim bills and 3 months for final bill.	
8.	Interest for delayed payment	3% per annum	

Place:

Date:

Seal & Signature of the Tenderer.

Section-VI

SYSTEM REQUIREMENT AND SPECIAL CONDITIONS

1. The proposed Fire Alarm System will be installed at Main Office Building and Annex Building and which will be operated round the clock (24x7). The Main panel (FACP) design should be modular for ensuring easy maintenance and seamless functioning of the system, i.e. the internal cards of the FACP shall be arranged such that no other card is disturbed/ removed while removing the faulty card. Cards shall be mounted on only one common bus without any physical contact with one another.
2. **All the bidders are advised to visit the site at RBI Main Office Building and Annex Building, Belapur before quoting the rates so as to understand the exact requirement of Fire Alarm System and its accessories.**
3. Any addressable device in the system may be enabled or disabled through the system keypad.
4. A system status report will be generated and printed by the system operator's command.
5. Rates should be inclusive of minor civil works necessary to accomplish the task including the grouting using Dash Fasteners, welding and other minor works not specifically mentioned but are compulsory for completing the work.
6. The work should be carried out in such a manner so as to create minimum hindrance and trouble to existing ongoing operation.
7. Successful firm should co-operate with other contractor working in the same area. For the work an exclusive engineer should be deputed to supervise and monitor the work.
8. Any frame and suspenders made out of suitable size MS angle iron suspenders shall be inclusive in the work.
9. The proposed system machine complete with main panel, repeater panel, panic switch, sounder, hooter, PC and cabling work etc. Bank will only provide incoming supply at one point and subsequent wiring using suitable size of copper cable is to be included in the work.
10. Bank at its discretion may inspect the materials at factory premises before dispatch and cleared for shipment. Vendor should submit detail inspection / Q.A plan along with the offer. This will however, not in any way absolve the contractor of his responsibility for the continued performance of the system/components after erection & commissioning at the site during the period of defects liability and subsequent CAMC period. Supplier shall submit the factory test report / result for the supplied equipments during the inspection itself.
11. All the quantities mentioned are approximate and may vary on either side. Successful contractor is advised to procure the material after proper measurement at site.
12. The workmen will not be allowed to stay within the premises.
13. The water required for workmen can be availed from the available source at site free of cost.
14. The electric power required for the work can also be similarly drawn from the supply available at site free of cost.
15. Permission, if any, required from the local bodies shall be obtained by the Contractor.

16. The intending Tenderer can obtain any clarifications regarding the Tender drawings, specifications etc. from the department on any Bank's working day.
17. The Tenderer may please note that, the work has to be carried out during the day time or as per the Bank's instructions. Therefore, the entire work involved shall be carried out with least disturbance to the occupants of the captioned colony and also day-to-day cleaning has to be done by the contractor. The wall/slab/column should be cut by chase-cutter only.
18. The contractor shall prepare three copies of **as done / as build drawing** after completion of the work and shall submit along with the final bill.
19. The entire materials for the work shall be brought to the working area through the staircase and no freight lift will be available for lifting materials.
20. The debris/dust or any wastage generated out of the above work shall be cleaned as frequently as required and as instructed by the Bank's Engineer.
21. All dismantling work and work generating noise shall be done during the day time and holidays and day time work shall have to be done on restricted hours. Contractor has to make availability of supply during the Evening & night time. Contractor shall take into account the above facts while quoting the rates.
22. The Tenderer shall remove all the debris collected at site (from the Bank's premises) on everyday basis. The staircase and passages used by the laborers shall be cleaned properly, as per the entire satisfaction of Bank's Engineers.
23. The contractor shall depute a qualified supervisor during execution of the work. No work shall be carried out at site in unsupervised manner.
24. The Tenderer shall use only approved brands of materials. The Bank will be at liberty to choose any brand of materials from the names given therein in absence of any such choice indicated by the tenderer.

Place: -

Date: -

Seal & Signature of the Tenderer.

Section-VII

TECHNICAL SPECIFICATIONS AND SCOPE OF WORK

7.0 Description

This section of the specification includes the Design, Supply, installation, testing, commissioning (DSITC) and handing over of an intelligent analog addressable fire alarm system required to form a complete, operative, coordinated system for the Bank's Main Office Building and Annex Building at Belapur. It shall include, but not be limited to, alarm initiating devices, alarm notification appliances, control panels, auxiliary control devices, annunciators, power supplies and wiring as specified herein.

The fire alarm system shall comply with requirements of IS 2189, NFPA Standard No.72 and other applicable standards as per FS Rule-2017 / Maharashtra Fire Prevention Act for protected premises signaling systems except as modified and supplemented by this specification. The system shall be supervised either electrically or by software-directed polling of field devices.

The addressable fire alarm system shall cover all the areas viz., Basement (parking)+G+3 of Main Building and G+2 of Annex Building.

- As built drawing shall be prepared by the vendor executing the system **which shall be approved by Bank prior to execution.**
- There shall be an UL/EN/ VDS listed microprocessor based Fire Alarm Control Panel (FACP) to be located in the Fire Control Room / Security Officers cabin at Ground floor or as directed by the tender inviting Authority. The FACP is known as the brain of the alarm system. An input loop (SLC Loop) shall be laid from the FACP to cover the entire significant facilities of the building to which various UL listed smoke detectors, heat detectors and manual call points, relay & control modules shall be connected. The smoke detectors and the heat detectors shall be provided inside the buildings. For the buildings indoor type manual call points shall be provided.
- An output loop (Notification Appliance Circuit Loop) shall also be laid throughout the building parallel to the input loop connecting the Audio Visual Strobes (AVS) to be provided for various buildings in order to annunciate the fire condition for evacuation of the occupants.
- **One number Repeater Panel** shall be provided at security guard room (at the entrance of premises) for parallel annunciation of the fire alarm system status. This will have direct connection with the FACP.
- In addition, programmable relay controls for controlling Lift movement, AHUs, pressurization fans, smoke extraction fans, ventilation fans in basement, fire pump room, monitoring of sprinkler systems, pumping systems etc., shall be interfaced with the alarm system for annunciating the operational status of the same and for which necessary hardware shall be provided in the alarm panel.
- In fire situation, the smoke/heat detector shall sense the smoke/heat and send the input signal to the automation panel. The panel processes the signal and activated the AVS (audio visual strobe) to annunciate an alarm. If the fire is detected by any occupant earlier to the detectors, he/she can operate the manual call point to annunciate an alarm.
- The display of fire situation shall also be repeated /displayed in the repeater panel installed at various locations.
- The fire alarm system shall comply with requirements of IS-2189, NFPA-72 and other

applicable Standards as per FS Rule-2017 / Maharashtra Fire Prevention Act for protected premises signaling systems except as modified and supplemented by this specification. The system shall be supervised either electrically or by software-directed polling of field devices.

- This section of the specification includes the Design, Supply, installation, testing, commissioning and handing over of an intelligent analog addressable fire alarm system required to form a complete, operative, coordinated system for the Bank's Office Building and Annex Building at Belapur. It shall include, but not be limited to, alarm initiating devices, alarm notification appliances, control panels, auxiliary control devices, annunciations, power supplies and wiring as specified herein.

7.1 Scope of work

The scope of work includes Design, Supply, installation, testing, commissioning and handing over of an intelligent analog addressable fire alarm system for the Bank's Office Building and Annex at Belapur along with as built drawing.

The existing Fire Alarm panel & system devices shall be removed and replaced with a new intelligent addressable, fire detection and alarm system which shall be supplied and installed in accordance with the specifications mentioned in this tender.

(A) Basic Performance

(i) All signals from various type of devices shall be digitally encoded onto a looped multiplex communication system of appropriate class (Digitized electronic signals shall employ check digits or multiple polling).

(ii) The devices shall be of low current, solid-state integrated circuits, and shall be powered from the central primary power and standby battery power source.

(iii) A single ground or open on any system signaling line circuit, initiating device circuit, or notification appliance circuit shall not cause system malfunction, loss of operating power or the ability to report an alarm on other circuits

(iv) Alarm signals arriving at the main FACP shall not be lost following a power failure (or outage) until the alarm signal is processed and recorded.

(B) Basic System Functional Operation

When a fire alarm/trouble condition is detected and reported by one of the system initiating devices or appliances, the following functions shall immediately occur:

(i) The System Alarm LED shall flash or the system trouble LED shall flash.

(ii) A local signal in the control panel shall sound.

(iii) The LCD display shall indicate all information associated with the fire alarm / trouble condition, including the type of alarm point and its location within the protected premises.

(iv) Printing and history storage equipment shall log the information associated with the fire alarm control panel condition, along with the time and date of occurrence.

(v) All system output programs including sounding of hooters assigned via control-by-event equations to be activated by the particular point in alarm/trouble condition shall be executed, and the associated system outputs (alarm notification appliances and/or relays) shall be activated.

(C) FIRE DETECTION & FIRE ALARM CONTROL PANEL

General

1. The Panel shall be **UL 864 LATEST EDITION /EN 54 listed/ VDS certified** and shall comply with latest standards of NFPA 72.
2. The panel shall be a Microprocessor based, Analog addressable networkable and Intelligent.
3. The Panel shall have all necessary provisions for interfacing with smoke evacuation system, Air handling units, firefighting equipment, elevators, access control system, and other third party systems as required.
4. The Fire Alarm Control Panel / system shall be supplied with all required Hardware, Software, Technical support, Software Development Key (SDK), Application Program Interface (API) to integrate the Fire Alarm System to the proposed Command and Control Centre through open communication protocol such as BACNET / Modbus / OPC etc.
5. The system shall support a detector response time to meet world annunciation requirements of less than 3 seconds.
6. The system shall be designed so that spare capacity of at least 20% in each loop is available for future expansion.

7.2 Fire Alarm Control Panel (FACP)

The control panel shall be microprocessor based networkable system designed specifically for fire detection and alarm applications. The control panel shall include all required hardware, software and site specific system programming to provide a complete and operational system. The control panel shall be designed such that interactions between any applications can be configured, and modified. The control panel operational priority shall assure that life safety takes precedence among the activities coordinated by the control panel.

The Panel should be controlled by a Central Processing Unit (CPU). The CPU shall interface with all the loop cards which shall have its individual microprocessors for executing the functions of the fire alarm system. In case of **failure of the CPU, a standby CPU should take over the functions of the main CPU without affecting requirements of the system**. Alternatively, in case the system design does not provide for online standby CPU, a Preloaded and Preprogrammed ready for use standby CPU should be provided to ensure normal and satisfactory operation of the system.

Fire Alarm panel shall be a multi-loop (exact number of loops as per schedule of quantity) panel and all the loop cards should be of same size with a minimum capacity of **256** detectors/devices per loop in any combination. It shall have a backlit minimum **640**-character liquid crystal/ LCD / LED display, individual, color coded system status LEDs, and alphanumeric keypad or touch screen keypad and control of the fire alarm system, and the provision of internal / external printer.

The panel shall maintain a history file of the last 2500 events, each with a time and date stamp. History events shall include all alarms, troubles, operator actions, and programming entries. The control panels shall also maintain a 1000 event Alarm History buffer, which consists of the 1000 most recent alarm events from the 2500 event history file.

The loop interface board shall be able to drive an NFPA Style 6 twisted shielded circuit up to 5280 feet in length. The loop Interface shall also be capable of driving an NFPA Style 6, no twist, no shield circuit up to 5280 feet in length. In addition, loop wiring shall meet the listing requirements for it to exit the building or structure. "T"-tapping shall be allowed in either case.

The FAS shall have pre-signal and Positive Alarm Sequence that is the system shall provide means to cause alarm signals to only sound in specific areas with a delay of the alarm from 60 to up to 180 seconds after start of alarm processing. The system shall support a detector response time to meet world annunciation requirements of less than 3 seconds.

To obtain early warning of incipient or potential fire conditions, the system shall support a programmable option to determine system response to real-time detector sensing values above the programmed setting. Two levels of Pre-alarm indication shall be available at the control panel: alert and action.

The system shall provide means to allow panel programming either through an off-line software utility program away from the panel or while connected and on-line. The system shall support two password levels, master and user. Up to 6 user passwords shall be available, each of which may be assigned access to the programming change menus, the alter status menus, or both. Only the master password shall allow access to password change screens.

The system shall provide means to obtain a variety of reports listing all event, alarm, trouble, supervisory, or security history.

The system shall provide means to link one detector to up to two detectors at other addresses on the same loop in cooperative multi-detector sensing. There shall be no requirement for sequential addresses on the detectors and the alarm event shall be a result or product of all cooperating detectors chamber readings.

The Addressable Main Power Supply shall operate on Single phase 240 VAC, 50 Hz, and shall provide all necessary power for the FACP.

The FAS shall be networkable in a peer to peer style and shall be able to communicate with other network nodes at a minimum speed of 3Mbps on copper. It shall be able to build a network on copper or fiber optics.

7.3 FIRE ALARM SYSTEM DEVICES

1. Each device shall be UL 864 LATEST EDITION / EN 54 Listed / VDS certified.
2. Addressable devices shall use simple to install and maintain decade, decimal address switches. Devices shall be capable of being set to an address in a range of 001 to 150. Devices shall receive power and communication from the same pair of conductors of the SLC.
3. The successful contractor shall not install the detectors until after the construction cleanup of all trades is complete and final.
4. Initiating devices shall be installed in all areas, compartments, or locations where required by other NFPA codes and standards or as required by the authority having jurisdiction.
5. In the event of duplicate addressing of a device, the fire panel shall indicate this as a fault condition. However, the SLC should continue to function normally with the trouble condition display at the Fire panel.
6. Each addressable detector & device shall respond to Fire Alarm Panel scan for information with an analog representation of measured fire related phenomena (smoke density, particles of combustion, temperature).
7. The standard base of the Detector shall be interchangeable with other Smoke/Heat/Multicriteria Detectors.
8. Using software in the FACP, detectors shall automatically compensate for dust accumulation and other slow environmental changes that may affect their performance. The detectors shall be

listed by UL 864 LATEST EDITION / EN 54 meeting the calibrated sensitivity test requirements of NFPA Standard 72.

9. Addressable devices shall use simple to install and maintain type address switches.

7.4 INITIATION DEVICES

Intelligent Multi Criteria Detector with floating sensitivity

The intelligent multi criteria detector shall be an addressable device that is designed to monitor a minimum of photoelectric and thermal technologies in a single sensing device. The design shall include the ability to adapt to its environment by utilizing a built-in microprocessor to determine its environment and choose the appropriate sensing settings automatically i.e., have floating sensitivity. The detector design shall allow a wide sensitivity window as per UL 864 LATEST EDITION / EN / VDS standards. This detector shall utilize advanced electronics that react to slow smoldering fires and thermal properties all within a single sensing device. It shall be capable of operation in heat-only alarm mode, enabled by a special command from the panel.

The microprocessor design shall be capable of selecting the appropriate sensitivity levels based on the environment type it is in (office, manufacturing, kitchen etc.,) and then have the ability to automatically change the setting as the environment changes (as walls are moved or as the occupancy changes).

The intelligent multi criteria detection device shall include the ability to combine the signal of the thermal sensor with the signal of the photoelectric signal in an effort to react hastily in the event of a fire situation. It shall also include the inherent ability to distinguish between a fire condition and a false alarm condition by examining the characteristics of the thermal and smoke sensing chambers and comparing them to a database of actual fire and deceptive phenomena.

7.5 Analog Addressable Photo Electric Smoke Detector

It shall have an optical sensing chamber that operates on the light scattering principle. When smoke enters the sensing chamber it scatters light which is received by a photocell. The signal is amplified and digitized for reception by the panel. Detector shall be completely solid state with LED indication at the detector.

The minimum coverage per Photoelectric Smoke Detector shall be 50 Sq.M. This coverage area will reduce depending upon structural configurations or partitions etc. as per NFPA 72, Chapter 5. It shall be possible to connect Smoke Detector with Heat Detector or Manual Push Buttons in the same SLC.

The location of smoke detectors shall be based on an evaluation of potential ambient sources of smoke, moisture, dust, or fumes, and electrical or mechanical influences to minimize nuisance alarms. The selection and placement of smoke detectors shall take into account both the performance characteristics of the detector and the areas into which the detectors are to be installed to prevent nuisance alarms or improper operation after installation.

As per NFPA 72, Chapter 5, smoke detectors shall not be installed if the ambient conditions are any of the four - Temperature below 0°C (32°F), Temperature above 38°C (100°F), Relative humidity above 93 percent, Air velocity greater than 1.5 m/sec (300 ft/min). Photoelectric smoke sensor shall have a nominal sensitivity as per UL 864 LATEST EDITION / EN 54 / VDS Standards.

7.6 Addressable Heat Detectors

The Heat Detector shall be a Addressable Detector with its own manually set digital code and

shall be able to give a single digitized output to the Fire Alarm Panel regarding its condition. Heat detectors shall be rated at 135 degrees Fahrenheit and have a rate-of-rise element rated at 15 degrees F per minute. It shall connect via two wires to the fire alarm control panel signaling line circuit.

It shall be able to withstand temperature variations from 0 to 38 deg C. Further, relative Humidity (non-Condensing type) up to 93% shall not hamper its performance. The Voltage rating shall be from 15-29 V DC, though the voltage may be changed depending upon the working voltages of a proprietary Fire Alarm Panel. The Detector shall meet the requirements of NFPA 72 and shall be listed with UL 864 LATEST EDITION. The approved coverage per Detector for unhampered areas shall not be less than 30 sq. M. The detector shall be capable of being reset after any alarm condition.

Remote monitoring: The system should be provided with a remote monitoring/repeater panel with all necessary cabling and connectivity. The panel shall preferably mimic all the functions provided in the local onsite control panel including providing audible and visual annunciations.

Integration with firefighting systems: The system should be provided with necessary controls & wiring to activate third party firefighting systems like suppression systems/automatic fire extinguishers etc. in the event of confirmed detection of fire/smoke inside the controlled area/room.

7.7 Addressable Manual Call Point

Manual Call Point shall be of the dual action design. Addressable manual fire alarm boxes shall, on command from the control panel, send data to the panel representing the state of the manual switch and the addressable communication module status. They shall use a key operated test-reset lock and shall be designed so that after actual emergency operation, they cannot be restored to normal use except by the use of a key.

Manual fire alarm boxes shall have clearly visible operating instructions provided on the cover. The word FIRE shall appear on the front of the stations in raised letters. Protective category shall be IP 54 for indoors and IP 65 for outdoor applications.

7.8 NOTIFICATION DEVICES

Strobe cum Alarm Hooters

Strobe cum Alarm hooters shall be suitable for indoor applications. All hooters shall be 24 V DC operated. The minimum sound level shall be 80 db at 10 feet. Listed to UL 1971 and UL 864 LATEST EDITION / EN 54 / VDS. Strobe cum Alarm hooters shall be wired as a primary signaling notification appliance.

The strobe shall flash at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The hooter shall have two tone options, two audibility options (at 24 volts) and the option to switch between a temporal 3 pattern and a non-temporal continuous pattern.

The strobe cum alarm hooter shall be loop powered or else shall draw independent power from the FACP or any centralized reliable source of power supply. Making arrangement for the power cable and power supply units for this purpose shall be within the scope of SITC of strobe cum alarm hooters and shall not be paid separately.

7.9 MODULES

7.9.1 Monitor Module (for input to fire alarm panel)

The monitor module shall be used to monitor the health status of systems such as wet riser system, sprinkle system etc. The monitor module should be addressable and shall be able to communicate any abnormal status of the supervised system to the FACP. The module shall contain an LED which blinks upon being scanned by the Fire Alarm panel.

7.9.2 Control Module (for output from fire alarm panel)

The addressable control module shall be provided to control the operations of the systems like AHUs, staircase pressurization system, firefighting system etc. The control module shall receive necessary communication from FACP and shall initiate required trigger to control the operation of the controlled system such as shut down of AHU(s) in the event of any fire sensed by FACP. The Control module should be capable of being configured for the above operations for designated AHUs, firefighting equipments etc. Upon transmission of the required signal to the designated equipment, a suitable indication should be provided in the FACP to indicate that the desired functions viz., shutdown of the designated AHU and/or starting of the staircase pressurization system etc., have been completed/initiated. In order to perform the above, the control module be equipped with required relays, circuitry, hardware potential free NO/NC contacts etc.

The device module shall also contain an LED which blinks upon being scanned by the Fire Alarm panel to indicate its health or fault conditions.

7.10 Fault Isolator Device

A wire-to-wire short circuit fault on any circuit or device, before or after the circuit or device has been activated, shall initiate a trouble signal and shall isolate that circuit or device from the rest of the system. The Fault Isolator Device shall detect and isolate a short-circuited segment or device of a fault-tolerant loop. The fault isolator device shall automatically determine a return to normal condition of the loop and restore the isolated segment.

The Fault isolators shall be provided in the loop as per manufacturer's /UL standard requirement for each detector/device or after a set of not more than ten detectors/devices.

7.11 Repeater Panel

The Repeater Panel shall be with minimum suitable display or touch-screen to indicate the status of system and location of incident which shall mimic the main fire alarm panel. It shall be supervised, remotely located and shall have a back-lit LCD display. It shall have an on-board input, output, and status indicators to support diagnostics. It shall display all alarm and trouble conditions in the system. The Repeater panel shall be UL 864 LATEST EDITION Listed. The Repeater Panel shall be capable of a wiring distance of up to 3300feet from the main control panel using recommended cables. It shall have functional keys like Acknowledge, Signal Silence, System Reset, Lamp Test etc.

7.12 Networked Graphic Control Station (NCS)

The NCS shall utilize a Microsoft operating system. Network Control software shall be capable of graphically annunciating and controlling all network activity. Network display devices that are only capable of displaying a subset of network points shall not be suitable substitutes.

The NCS shall be a desktop computer with Intel i7 latest generation, 8 GB RAM, Disk: 2TB Minimum - 15000 RPM, 1 GB Ethernet Port, Optical mouse, Multimedia Keyboard, Speakers, Preloaded Windows 11 and Antivirus Software, Laser jet Printer and 32" Flat Screen LCD/ LED monitor or as per OEM's recommended specification whichever is better to be provided.

The NCS shall be capable of capturing minimum 5000 detectors / device points. Events shall be stored on hard disk and shall be capable of back-up storage to a drive. The history buffer shall allow the operator to view events in a chronological order. A filter shall be available for displaying chronological events by operator, date, time, fire alarms, troubles (including security, supervisory and system / device), disabled points / zones, system programming, operator response and operator log in / log out. The ability to print ability NCS history files shall also be available.

The NCS software shall be a high-performance colour graphic system capable of displaying all network events and points. The software should provide an easy-to-use graphical user interface. The operator shall be presented with a consistent look and operation for all monitored equipment. The NCS software shall have the ability to monitor up to four Fire Alarm Control Panels. Fire Graphic Software must be capable of graphically representing each facility being monitored with floor plans and icons depicting the actual locations of various systems and / or sensors' locations. The software should accommodate current devices with 5000 points (minimum). Upgradation of OS, antivirus and other softwares required to operate the NCS and its license key throughout the DLP and CAMC period (i.e., 7 years after 1-year DLP) is within the scope of the Contract. No additional payment shall be made on this account.

It shall have but not be limited to the following features:

- a. All off-normal events displayed simultaneously with text and corresponding graphic screens.
- b. Automatic screen navigation (selectable for each device) that locates and zooms to the device related to an alarm or event, based on the priority of the event.
- c. Dynamically generated floor plan overview.
- d. Floor plans can be zoomed in and out and devices can be placed at different zoom levels.
- e. Full linked multimedia (text, audio, video and bitmaps) to any device and event status, all definable by the administrator.
- f. Intuitive navigational tree and icons for easy access to building floor plans.
- g. Control of fire panels (extent of control determined by panel model).
- h. Operator log with response tracking.
- i. Backup capability for all system data – screen, member and history databases.
- j. System Administrator - definable security, monitoring and control profiles for allowing extremely flexible definition of operator accounts.
- k. A Pop up at the time of alarm.
- l. Device disabling feature for faulty devices.
- m. When PC is switched ON, the NCS software must automatically be loaded without any manual intervention

7.12 Batteries

- (i) Battery (SMF) shall have sufficient capacity to power the fire alarm system for not less than 2 hrs in alarm condition and at least 24 hours in normal condition. In case of failure of main power supply, the panel shall be automatically switch over to battery and vice versa.
- (ii) The batteries are to be completely maintenance free.
- (iii) In addition to batteries, a battery charger suitable for operation on the auxiliary power available to be provided.
- (iv) Visible and audible annunciation for troubles or failure in the power supply system like “charge failure”, “battery low voltage” etc., shall be provided.

7.13 Approvals

All the equipment shall have proper listing and/or approvals and shall comply to the requirements of the following recognized agencies.

UL 864 LATEST EDITION– Underwriters Laboratories Inc

IS 2189 – Indian Standard 4th Revision

EN 54 – European standard

VDS – German standard

7.14 Cables/conduits

All cables/conduits to be laid on wall, ceiling and on the hangers wherever necessary and as directed by Bank's engineer with required hardware viz., heavy duty saddles each at 450mm. The cables shall be FRLS, armored PVC twisted 1.5 sq. mm multi stranded insulated, copper conductor cables, conforming to IS:1554 and shall be of specified make. All the cables shall be properly terminated using suitable size glands and lugs and labeled / marking to be provided.

7.15 Detailed Technical Specifications for installation:

The above system shall be installed strictly in accordance with guidelines of NFPA 72 & IS-2189 and relevant standards.

7.15.1 Detector Spacing:

- (a) The listed spacing between the detectors (considering height of roof 3mtr) is - Below flat ceiling 7.5 mtr for Smoke detectors and 5.3 mtr for heat detectors.
- (b) However, a factor of safety of 30% is normally considered on listed spacing of the detectors for early and reliable operation.
- (c) So, the spacing between the detectors is considered 6.5 mtr for smoke detector & 5.0 mtr for Heat Detectors which is less than 30%. Detector spacing in corridors shall be 1.5 times that of rooms/occupied areas.
- (d) The clearance between the detector and the wall is 0.5 times of the spacing between the detectors.
- (e) The clearance of any corner of the room to the nearest detector is 0.7 times the spacing between the detectors.
- (f) The **spacing between the detectors may be reduced** depending upon the height of the ceiling of the protected room. However, the standard ceiling height considered here is 10 feet / 3mtr.

- (g) Detectors shall not be mounted within 1 mtr of any air inlet (supply air inlets of HVAC system) or a forced ventilation system.
- (h) Detectors shall not be mounted within 500 mm of any walls, partitions structural beams and duct work, where the obstructions are greater than 250 mm in depth.
- (i) Where partitions or storage racks that reach within 300 mm of the ceiling, they shall be construed as walls that extend to the ceiling for the purpose of siting the detectors.
- (j) Similarly, ceiling obstructions, such as structural beams, deeper than 10 percent of the overall ceiling height shall be construed as walls for the purpose of siting the detectors, that is, each bay formed by such beams shall be treated as separate enclosure for provision of detectors.
- (k) Detector siting shall be such that a clear space of 500 mm is maintained below each detector.
- (l) A detector shall be placed on the protected side of the premises on the ceiling 1.5 mtr from air diffuser, any door, window or any opening in the wall partitions separating the protected premises from other premises.
- (m) All stair wells, lift shafts, other utility shafts, etc. shall have a detector at the top. Lift machine rooms shall be provided with detector.
- (n) The detector shall also be provided in cable tunnels, ducts, false floors, AC & AHU room, long AC return ducts.
- (o) Voids as in false ceiling / flooring more than 800 mm shall be protected with detectors with spacing like in normal installation and response indicators shall be provided below false ceiling.

7.15.2 Manual Call Point :

- (a) Manual call points shall be distributed throughout the building so that they are un-obstructed and readily accessible.
- (b) Manual call points shall normally be located at the exit path of any area/floor/room.
- (c) In addition to above, additional manual call points shall also be provided so that the travel distance to the nearest manual call point shall not be in excess of 30 mtrs inside the building, measured horizontally on the same floor.
- (d) Each manual call point shall be securely mounted on the wall/column so that its operable part shall be not less than 3'-6" (1.1 M) and not more than 4'-6" (1.4 M) above the floor.

7.15.3 Audio Visual Strobe:

- (a) The average sound level of an Audio-Visual Strobe (AVS) shall not be less than 70 dBA.
- (b) The wall mounted AVSs shall have their tops at heights above the finished floor of not less than 90 inch (2.30 M).
- (c) The spacing between the AVSs shall not exceed 100 ft (30M) in a floor.
- (d) The corridors less than 20 ft. wide shall have one AVS at each 30 ft. (9.1M) distance.
- (e) An AVS shall be located no more than 15 ft. (4.57 M) from the end of the corridor.

7.15.4 Connecting Cables:

- (a) The type of connecting cable and their sizes shall be as per the recommendation of the manufacturer of the Fire Alarm Control Panel.
- (b) Based on the above specification multi strand FRLS armoured copper cable shall be used for this application.

7.15.5 Loop Length & No. of Devices in a Loop:

- (a) The length of various loop and the number of devices that can be accommodated in a loop shall be as per the recommendation of the manufacturer of the fire alarm control panel with respect to the size of the cables.

7.16 Applicable Codes & Standards:

- The installation, testing and maintenance of the SYSTEM shall be in accordance with the following applicable codes, standards and regulatory bodies:
 - (a) NFPA 72: National Fire Alarm Code.
 - (b) NFPA 101: Life Safety Code.
 - (c) Maharashtra Fire Prevention and Life Safety Measures (Amendment) Act, 2023 as amended up to date
 - (d) IS-2189 : 2008 amended up to date
 - (e) NFPA 70: National Electrical Code (NEC)
 - (f) National Building Code 2016 amended up to date
 - (g) Requirements of the local Authorities Having Jurisdiction (AHJ)

7.17 Applicable Listings and Approvals

The SYSTEM shall be in accordance with one or more of the following listings and approvals:

- (a) UL listed: Underwriters Laboratories or EN
- (b) And/or VDS approved

7.18 Mandatory Bidding Requirements:

- a) The Bidder shall be any one of the approved National/ International Distributors or Original Equipment Manufacturer (OEM) for FACP (Fire Alarm Control panel) and related components and Certificate in support shall be provided in Part - I.
- b) Only OEM or Indian authorized dealer with valid dealership certificate are eligible for participation in the bidding process. Furnishing authorization certificate from OEMs for the exclusive purpose for participation in this tender shall not be acceptable and such tender bids shall be summarily rejected.
- c) The Indian distributor shall have an established relationship with the OEM, quantifiable by a track record in terms of jobs executed using the OEM's systems.

- d) The Bidder should have Technical back up on design, installation and commissioning of FDA system from the principal, and certificate to this effect from the principals should be submitted.
- e) The OEM (/Bidder) shall give a Certificate stating that their system is approved by UL/FM.
- f) The Indian Distributor shall have in India, their service network and give guarantee for availability of spares for at least 8 years.

7.19 GENERAL TECHNICAL REQUIREMENTS.

- a) All system components shall be New and of Current manufacture and shall be installed in accordance with local codes. The product should not be at its end of life. The Manufacturer has to give an undertaking that the product quoted is the latest model and will be able to support with spares for at least 8 years.
- b) RBI, Belapur reserves the Exclusive Rights to unconditionally reject any and all such components which may not be or are suspected not to be of current manufacture; and/or on the grounds of authenticity of the system components and designs.
- c) Performance Guarantee Tests: Acceptance for the System installation shall be strictly in accordance with the installation acceptance guidelines as put forth in the NFPA -72 and IS-2189 standards.

7.20 Scope of work

The scope of work includes Design, Supply, Installation, Testing, Commissioning and handing over of an intelligent analog addressable fire alarm system for the Bank's Main Office Building and Annex Building at Belapur. It includes installation, testing and commissioning of the system.

7.20.1 Installation

- (i) As the work is to be carried out in existing occupied building, the actual functioning of the existing fire alarm system cannot be put under shut down. Therefore, the execution of this work has to be meticulously planned and executed in consultation with Bank's Engineer and Bank's Security /Fire officer in such a manner that fire safety of the building is not hampered.
- (ii) The work shall be taken for execution only after the entire material has been supplied at site.
- (iii) **Before commencement of execution of work, the tenderer shall design the system and prepare the drawings for the proposed New Fire alarm system and get the same approved from Bank.**
- (iv) Installation shall be in accordance with the NEC, NFPA 72, local and state codes, as shown on the drawings, and as recommended by the major equipment manufacturer.
- (v) All conduit, junction boxes, conduit supports and hangers shall be concealed in finished areas and may be exposed in unfinished areas as per Bank's direction.
- (vi) **Removing and re-fixing of the light fixtures / false ceiling tiles in order to access the area above the false ceiling for laying of cable and fixing of detectors etc., will be in the scope of this contract. No additional payment shall be made on this account. Any damage to the Bank's property shall be made good without any additional claim.**
- (vii) Smoke detectors shall not be installed prior to the system programming and test period. If construction is ongoing during this period, measures shall be taken to protect smoke detectors from contamination and physical damage.
- (viii) All fire detection and alarm system devices, control panels and remote annunciators shall be

flush mounted when located in finished areas and may be surface mounted when located in unfinished areas.

- (ix) Addressable intelligent break-glass units (Manual Stations) shall be suitable for surface mounting or semi-flush mounting as existing, and shall be installed not less than 42 inches, and not more than 48 inches above the finished floor.
- (x) **Before submission of tender, tenderers are requested to visit site and plan accordingly as regard involvement of efficient manpower, cost etc. to complete the project in all respect within the timeframe as stipulated in the tender.**
- (xi) Dismantling of the old system is in the scope of the contractor, all the old devices, cables, FACP, Repeater panel. MCP etc. related to the old fire alarm system shall be dismantled properly after successful operation of the new fire alarm system and consent of the Bank's Fire / Security Officer.
- (xii) The contractor shall depute a qualified supervisor to oversee the work during execution. **No work shall be carried out at site without the presence of supervisor.**

7.20.2 Testing of the System

The contractor shall arrange and provide at no extra cost, the service of a competent, factory-trained engineer or technician authorized by the manufacturer of the fire alarm equipment to technically supervise and participate during all of the adjustments and tests for the system.

- (i) Before energizing the cables and wires, check for correct connections and test for short circuits, ground faults, continuity, and insulation.
- (ii) Open initiating device circuits and verify that the trouble signal actuates.
- (iii) Open signaling line circuits and verify that the trouble signal actuates.
- (iv) Open and short notification appliance circuits and verify that trouble signal actuates.
- (v) Ground initiating device circuits and verify response of trouble signals.
- (vi) Ground signaling line circuits and verify response of trouble signals.
- (vii) Ground notification appliance circuits and verify response of trouble signals.
- (viii) Check alert tone and prerecorded voice message if any to all alarm notification devices.
- (ix) Check installation, supervision, and operation of all intelligent smoke detectors using walk test.
- (x) Each of the alarm conditions that the system is required to detect should be introduced on the system. Verify the proper receipt and the proper processing of the signal at the FACP and the correct activation of the control points.
- (xi) When the system is equipped with optional features, the manufacturer's manual should be consulted to determine the proper testing procedures. This is intended to address such items as verifying controls performed by individually addressed or grouped devices, sensitivity monitoring, verification functionality and similar.

7.20.3 Final Inspection

At the final inspection a factory trained representative of the manufacturer of the major equipment shall demonstrate that the systems function properly in every respect.

7.20.4 Instructions

- (i) Provide instruction as required for operating the system. "Hands-on" demonstrations of the operation of all system components and the entire system including program changes and functions shall be provided.
- (ii) The contractor and/or the systems manufacturer's representatives shall provide a typewritten "Sequence of Operation."

7.20.5 Documentation

- (i) Sufficient information, clearly presented, shall be included to determine compliance with drawings and specifications.
- (ii) It should include manufacturer's name(s), model numbers, ratings, power requirements, equipment layout, device arrangement, complete point to point wiring diagrams, annunciator layouts and main control layout, configurations and terminations.
- (iii) Complete operating and maintenance manuals including technical data sheets.
- (iv) Provide a clear and concise description of operation which gives, in detail, the information required to properly operate the equipment and system.
- (v) Three copies of the above documents in book form well bound should be submitted.

7.20.6 Warranty

System shall be warranted for not less than a period of one (1) year from the date of virtual completion. The Employer shall specify the maintenance to be performed during the warranty period to maintain warranty conditions. The bidder shall also quote for Maintenance for a further period of 7 years after DLP of 1 year.

The scope of Comprehensive AMC after defect liability period includes attending and replacement of all spare parts of the alarm system including replacement of faulty cable.

I/We hereby declare that I/We have read and understood the above instructions which have been issued as conditions of the Contract.

Date:

Place:

(Seal and Signature of the Tenderer)

Section -VIII

List of Approved Makes

S.No.	Description	Approved Make	Make Offered by Bidder
1.	Armoured FRLS Copper Cables (RED colour)	Finolex / Gloster / Polycab / CCI / Havells / Universal	
2.	Fire Equipments: Control Nodes (Fire Panel, Repeater panel, software etc), Initiation devices (Detectors, Manual Call Points); Notification devices (hooter cum strobes etc.), Control / Relay Modules	Honeywell (Notifier, Morley) Siemens (Desigo) / Bosch (Avenar) / Edwards / Tyco / Johnson Control	
3.	Computer (PC)	Hp/ Dell / Lenovo	
4.	Printer	Canon / Hp / Epson	
5.	Cable glands and lugs	Dowell, Braco, Comet, Jainson	
6.	Software	As per OEM licensed software	
7.	PVC conduits (Medium duty)	Precision / AKG / Polycab	

Date:

Place:

(Seal and Signature of the Tenderer)

Offered Makes & Models by tenderers

S. No.	Item	Offered Make	Offered Model
1	Fire Alarm Control Panel		
2	Networked Graphic Control Station		
3	Repeater Panel		
4	Multicriteria Detectors		
5	Heat Detectors		
6	Beam Detectors		
7	Manual call point		
8	Hooter cum strobe lights		
9	Fault Isolator Module		
10	Control Module		
11	Response Indicator		
12	Monitor module		
13.	Fire alarm cable		
14.	Computer / PC with monitor		
15.	Printer		

The tenderers have to supply the technical literature of all the above offered makes and models in part I of the tender.

The firm must have installed and commissioned at least one Fire Alarm Control Panel of the above offered make & model. The details of such installation to be furnished.

Date:

Place:

(Seal and Signature of the Tenderer)

Floor wise location details of proposed FAS devices in the office building

Requirements of Fire Alarm System										
		Main Office Building					Annex building			Total
S. No.	Item Description	Parking	Gnd floor	1 floor	2 floor	3 floor	Gnd floor	1 floor	2 floor	
1	Fire Alarm Control Panel (FACP) main panel	-	1	-	-	-	-	-	-	1
2	Repeater Panel	-	1	-	-	-	-	-	-	1
3	Smoke Detector (either on true ceiling / on false ceiling)									
	a) Below false ceiling		10	38	55	1	4	11	17	103
	b) Above false ceiling (i.e., on true ceiling)	32	17	9	26	7	11	3		105
4	Multisensor Detector (Heat or Smoke or both)									
	a) below false ceiling	-	-	1	5	-	-	-	-	6
	b) above false ceiling (i.e., on true ceiling)	16	4	25	26	6	5	8	8	98
5	Heat Detector	16	-	1	1	1	-	2	-	21
6	LPG Gas leak detector	-	1	-	-	-	1	-	-	2
7	Response Indicator	-	-	11	8	-	-	6	11	36
8	Fault Isolator module	2	3	3	4	2	1	1	1	17
9	Hooter Cum strobe	2	7	7	10	4	7	1	2	40
10	Control Modules for AHUs / Lifts					4			1	22
11	Sprinkler Flow switch	1	-	-	-	-	-	-	-	1
12	Manual Call point (MCP)	3	6	8	10	4	4	1	2	38
13	Beam Detector / reflector	-	-	04 , 04	-	-	-	-	-	04 , 04

Note-

- a) Device location, however, may change during execution period, if required
- b) Bidder are advised to quote as per Bill of Quantity of Part-II Tender.
- c) The old Fire alarm system will run in parallel to New Fire alarm system and kept under observation for up to maximum of 3 months. Upon finding satisfactory performance of New system by P&S Cell, the old system will be safely dismantled in consultation with P&SO cell and disposed under buyback.

Date:

Place:

(Seal and Signature of the Tenderer)

Section -IX

Technical data to be furnished by tenderer

S. No.	Description	Tender Requirements	To be filled by bidder Yes / No	Remarks
1	Fire Alarm Control Panel (5 Loops) expandable up to 10 loops as under.			
	Total Loops in panel	5		
	Provision for expansion of loop	Up to 10 loops		
	Redundant CPU to take over the functions of main CPU in the event of failure of main CPU.	Required		
	Minimum Addressable Detectors & devices (modules) per Loop	256		
	Complete System Scanning time	3 sec		
	Field Programming via Built in Keypad on the panel	Provision on the panel		
	Display on panel	640 Ch LCD / Touch panel		
	Provision of Digital Voice Command (DVC) and fire fighters telephone communication system.	Provision should be available		
	Alarm Verification	Required		
	Adjustable Alarm Sensitivity Level	Required		
	Event History	999 events		
	Trouble alarm History	999 events		
	Loop length	1600 mtr		
	Latest UL 9 th edition Listed /EN 54 Standards /VDS certified	Required		
2.	Repeater Panel			
	UL/EN 54	Required		
	Display	Required		
	Mimic all events and Notification from the Panel	Required		
	It shall have functional keys like Acknowledge, Signal Silence, System Reset, Lamp Test etc.,	Required		

3.	Analog addressable Photo thermal smoke detector (below false ceiling / on true ceiling)		
	UL Listed/EN 54	Required	
	It shall be analog addressable and intelligent	Required	
	The detector shall have floating sensitivity i.e., ability to adapt to its environment by utilizing a built in microprocessor to determine its environment and choose the appropriate sensing settings automatically	Required	
	It shall include the inherent ability to distinguish between a fire condition and a false alarm condition by comparing them to a database of actual fire and deceptive phenomena.	Required	
	In built isolator or isolator base	Required	
4.	Analog addressable Rate of Rise cum fixed temperature detector		
	UL Listed/EN 54	Required	
	It shall be analog addressable and intelligent	Required	
	It shall be rated at 135 degrees Fahrenheit	Required	
	It shall also have a rate of rise element rated at 15 degrees Fahrenheit	Required	
	Inbuilt isolator or isolator base	Required	
5.	LPG Detector		
	UL Listed/EN 54	Required	
	It shall be analog addressable and intelligent	Required	
6	Addressable Manual Call Point		
	UL Listed/EN 54	Required	
	Addressable	Required	
7	Hooter cum Strobe Lights	Required	
	The hooter shall have a output of 80 dB at 10 feet	Output 80 dB	
	They shall be connected to the main fire panel with modules. (if not loop powered)	Connected with Modules	
	3 different tones		

8	Fault Isolator Module	Required		
	Automatic resetting arrangement	Required		
	Whether the detectors and devices offered are provided with inbuilt fault Isolator			
	If the inbuilt fault isolator is not provided in the detectors and devices separate fault isolator shall be provided as per manufacturer's /UL/EN standard requirement or after a set of not more than twenty detectors/devices.			
9	Addressable control modules	Required		
10	Addressable monitor modules	Required		
11	Networked Graphic Control Station	Required		
	a) Main network software must be capable of representing graphically each facility being monitored with floor plans and icons depicting the actual locations of the various systems; and / or sensors' locations.	Required		
	b) The software should accommodate current devices and expandable up to 15000 IBMS (access control, Fire, HVAC etc.) points minimum. Future option to cloud connectivity may be there.	Required		
	c) The software shall be located in control room in one of the blocks and shall monitor all the blocks panel connected with each other	Required		
	d) The software shall be capable of monitoring 100 Nodes with 100 MB baud Transmission rate on Fibre Optics Network and 12 MB baud transmission on cable or more.	Required		
	e) The software shall provide the facility to Monitor 2way communication from main control room using voice signals over Fire Network along with the Fire detection signal.	Required		

12	System Memory: 8 GB RAM, Disk: 2TB Minimum, Disk Speed : 15000 RPM, Load device : DVD-RW (Dual layered), Network connection : Dual 1GB, Comport : 3 , sound card, mouse, speakers, keyboard, Ethernet card, PCI slot, RS-232 / RS-485 serial COM port, Windows OS , Antivirus	Required		
13	Colour Deskjet Printer and 32" Flat Screen LCD/LED monitor".	Required		

Date:

Place:

(Seal and Signature of the Tenderer)

Section- X

Check list

Commercial Conditions

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

The tenderers are requested to fill in following particulars.

Sr. No	Description	Bank's Terms	Whether acceptable or not (Write Yes or No)
1.	Validity	Shall be valid for 90 days from the date of opening of Part-I.	
2.	Earnest Money Deposit (EMD)	Rs.1,16,000/- Demand Draft drawn in favour of Reserve Bank of India, payable at Belapur or NEFT or B.G in lieu of EMD Shall submit in person at Estate Department, RBI, Belapur by 12:00 Hrs. on August 20, 2025,	
3.	Completion period	120 Days from the 14th day of issuing work order	
4.	Liquidated damages (LD)	0.25 % of the estimated cost per week subject to a maximum of 10% of contract value.	
5.	Guarantee for all equipment's	Shall furnish guarantee for a period of one year from the date of commissioning / handing over.	
6.	Service facility	Service facility shall be available Mumbai / Navi Mumbai	
7.	Penalty for delay in providing service	Maximum probable time to attend to compliant shall not exceed as per details indicated in clause 3.16 and 3.17 commercial condition.	

8.	Terms of payment for the work	<p>1. 60% of the quoted rate on pro-rata basis against delivery of materials at site after checking the same and on submission of the following documents:</p> <p>a) Manufacturer's Inspection and Test Certificates</p> <p>b) Contractor's Certificate that all components, parts, sub systems, consumables etc. for successful installation, commissioning and testing of the systems including maintenance have been received at site in good condition and if any shortfall is noticed during installation, commissioning and testing they will be supplied free to the Bank.</p> <p>c) Policies of insurance covering all the risk during transit, storage, installation, commissioning & handing over including third party liabilities as per e-Tender conditions.</p> <p>2. Balance 40% of the quoted rates against erection, testing, commissioning and handing over of the entire system and submission of BG as per clause 3.11.3.</p>	
9.	Terms of payment for AMC	To be paid on half yearly basis on rendering satisfactory services as per clause 3.16	
10.	Insurance	Shall include	
		(i) Contractors All risk policy including Storage, erection, testing and transit insurance for transportation from manufacturer's works to site (By Air/sea/Road etc. as applicable).	
		(ii) Third party liability in "Contractors All Risk Policy" shall be minimum ₹ 5.00 lakh (Rupees Five lakh only) per person for any one accident or occurrence and ₹ 10.00 lakh (Rupees Ten lakh only) in respect of damage to property for any one accident or occurrence..	

		(iii) Workmen's compensation policy and shall be valid till the date of handing over of the system.	
		Separate Insurance policies shall be provided in the joint names of RBI and contractor with RBI's name being the first in the policies.	
11.	List of Bankers	To be uploaded along with Part I of the tender, with full postal address and dealing person's name.	
12.	List of Clients	To be uploaded with Part I of the tender, with full postal address and the names of dealing persons.	

Note - Please indicate Yes / No against the items. If 'No', please indicate the deviation only.

Place:

Date:

Seal & Signature of the Tenderer.

Annexure-I

PROFORMA OF BANK GUARANTEE for Performance Security Deposit/ Retention Money

(To be submitted on Non-judicial stamp paper of appropriate value purchased in the name of the issuing bank)

Place: _____

Date: _____

To
The Chief General Manager
Reserve Bank of India
Estate Department
H.H Nirmala Devi Marg
Sector-10, CBD Belapur
Navi Mumbai

Dear Sir/ Madam

Name of the Work: Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm for the Bank's Main Office Building and Annex Building at Belapur.

Ref:

WHEREAS

Reserve Bank of India, having its Central Office at Shahid Bhagat Singh Road, Mumbai, (hereinafter called "the RBI") has awarded the Contract for the captioned project (hereinafter called the "Contract") to M/s _____ (Name of the Contractor) (hereinafter called "the said Contractor" which expression shall include its successors and assigns).

AND Whereas the Contractor is bound by the said Contract to submit to RBI a Performance Security for a total amount of ₹. _____ (Rupees _____ only) (Amount in figures and words) for the due fulfilment by the said contractor of the terms and conditions contained in the contract. We, _____ (Name of the Bank), (hereinafter called "the Bank"), at the request of M/s _____, the contractor, do hereby undertake to pay to the RBI an amount not exceeding Rs _____ as Performance Guarantee for due fulfilment of the terms and conditions of the contract.

NOW THIS GUARANTEE WITNESSETH

1. We (Name of the Bank) do hereby agree with and undertake to RBI, their Successors, Assigns that in the event of the RBI coming to the conclusion that the Contractor has not performed his obligations under the said conditions of the contract or have committed a breach thereof, which conclusion shall be binding on us as well as the said contractor; we shall on demand by the RBI, pay without demur to the RBI, a sum of Rs. (Rupees only) or any lower amount that may be

demanded by the RBI. Our guarantee shall be treated as equivalent to the Performance Guarantee Amount for the due performance of the obligations of the Contractor under the said Contract, provided, however, that our liability against such sum shall not exceed the sum of Rs. (Rupees only).

2. We also agree to undertake to and confirm that the sum not exceeding Rs. (Rupees only) as aforesaid shall be paid by us without any demur or protest, merely on demand from the RBI on receipt of a notice in writing stating that the amount is due to them and we shall not ask for any further proof or evidence and the notice from the RBI shall be conclusive and binding on us and shall not be questioned by us in any respect or manner whatsoever. The Bank shall pay to RBI any money so demanded notwithstanding any dispute/disputes raised by the Contractor in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal. We undertake to pay the amount claimed by the RBI within a period of one week from the date of receipt of the notice as aforesaid.
3. We confirm that our obligation to the RBI under this guarantee shall be independent of the agreement or agreements or other understandings between the RBI and the Contractor.
4. This guarantee shall not be revoked by us without prior consent in writing of the RBI.

We hereby further agree that –

- a) Any forbearance or commission on the part of the RBI in enforcing the conditions of the said agreement or in compliance with any of the terms and conditions stipulated in the said Contract and/or hereunder or granting of any time or showing of any indulgence by the RBI to the Contractor or any other matters in connection therewith shall not discharge us in any way and our obligation under this guarantee. This guarantee shall be discharged only by the performance by the Contractor of their obligations and in the event of their failure to do so, by payment by us of the sum not exceeding Rs. (Rupees only).
- b) Our liability under these presents shall not exceed the sum of Rs. (Rupees only) .
- c) Our liability under this agreement shall not be affected by any infirmity or irregularity on the part of our said constituents/clients or their obligations thereunder or by dissolution or change in the constitution of our said constituents.
- d) This guarantee shall remain in force upto (60 days beyond the Defect liability period) provided that if so desired by the RBI, this guarantee shall be renewed for a further period as may be indicated by them on the same terms and conditions as contained herein.
- e) Our liability under these presents will terminate unless these presents are renewed as provided hereinabove on the or on the day when our said constituents comply with their obligations, as to which a certificate in writing by the RBI alone is the conclusive proof whichever date is later. Unless a claim or suit or action is filed against us within or any extended period, all the rights of the RBI against us under this guarantee shall be forfeited and we shall be released and discharged from all our obligations and liabilities hereunder.

In witness whereof I/We of the Bank have signed and sealed this guarantee on the ----- day of --

----- (Month) (Year) being herewith duly authorized.

For and on behalf of _____ (Name of the Bank)

Signature of authorized Bank official

Name:

Designation

Stamp/ Seal of the Bank

Signed, sealed and delivered for and on behalf of the Bank by the above named in the presence of:

Witness 1

Signature

Name

Address

(NB: This guarantee will require stamp duty as applicable in the state, where it is executed and shall be signed by the official whose signature and authority shall be verified).

Annexure-II

PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY DEPOSIT/BID SECURITY (On Non-Judicial Stamp Paper of appropriate value)

Place: _____

Date: _____

To
The Chief General Manager
Reserve Bank of India
Estate Department
H.H Nirmala Devi Marg
Sector-10, CBD Belapur
Navi Mumbai

Dear Sir/ Madam

Name of the Work: Design, Supply, Installation, Testing and commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm for the Bank's Main Office Building and Annex Building at Belapur.

Ref:

WHEREAS

The Reserve Bank of India, having its Central Office at Shahid Bhagat Singh Road, Mumbai (hereinafter called the 'RBI') has invited tenders for the captioned work (hereinafter called "the said tender") on the terms and conditions mentioned in the said tender documents.

It is one of the terms of invitation of tenders that the tenderer shall furnish a Bank Guarantee for a sum of Rs. (Rupees only) as Earnest Money Deposit (EMD).

M/s. (Name of the Tenderer/Bidder) _____, (hereinafter called as "the Tenderer/ Bidder"), who are our Clients/Constituents intend to submit their tender/ Bid for the said work and have requested us to furnish Bank Guarantee to RBI in respect of the said sum of Rs. (Rupees only) in respect of EMD.

NOW THIS GUARANTEE WITNESSETH

1. We (Name of the Bank) do hereby agree with and undertake to RBI, their Successors, Assigns that in the event of the RBI coming to the conclusion that the Tenderer have not performed their obligations under the said conditions of the tender or have committed a breach thereof, which conclusion shall be binding on us as well as the said Tenderer; we shall on demand by the RBI, pay without demur to the RBI, a sum of Rs. (Rupees only) or any lower amount that may be demanded by the RBI. Our guarantee shall be treated as equivalent to the Earnest Money Deposit for the due performance of the obligations of the Tenderer under the said Conditions, provided, however, that our liability against such sum shall not exceed the sum of Rs. (Rupees only).

2. We also agree to undertake to and confirm that the sum not exceeding Rs. (Rupees only) as aforesaid shall be paid by us without any demur or protest, merely on demand from the RBI on receipt of a notice in writing stating that the amount is due to them, and we shall not ask for any further proof or evidence and the notice from the RBI shall be conclusive and binding on us and shall not be questioned by us in any respect or manner whatsoever. We undertake to pay the amount claimed by the RBI within a period of one week from the date of receipt of the notice as aforesaid.
3. We confirm that our obligation to the RBI under this guarantee shall be independent of the agreement or agreements or other understandings between the RBI and the Tenderer.

This guarantee shall not be revoked by us without prior consent in writing of the RBI.

We hereby further agree that –

- a) Any forbearance or commission on the part of the RBI in enforcing the conditions of the said agreement or in compliance with any of the terms and conditions stipulated in the said tender and/or hereunder or granting of any time or showing of any indulgence by the RBI to the Tenderer or any other matters in connection therewith shall not discharge us in any way and our obligation under this guarantee. This guarantee shall be discharged only by the performance by the Tenderers of their obligations and in the event of their failure to do so, by payment by us of the sum not exceeding Rs. (Rupees only).
- b) Our liability under these presents shall not exceed the sum of Rs. (Rupees only).
- c) Our liability under this agreement shall not be affected by any infirmity or irregularity on the part of our said constituents/clients in tendering for the said work or their obligations there under or by dissolution or change in the constitution of our said constituents.
- d) This guarantee shall remain in force upto (six months from the last date of receipt of tender) provided that if so desired by the RBI, this guarantee shall be renewed for a further period as may be indicated by them on the same terms and conditions as contained herein.
- e) Our liability under these presents will terminate unless these presents are renewed as provided hereinabove on the or on the day when our said constituents comply with their obligations, as to which a certificate in writing by the RBI alone is the conclusive proof whichever date is later. Unless a claim or suit or action is filed against us within or any extended period, all the rights of the RBI against us under this guarantee shall be forfeited and we shall be released and discharged from all our obligations and liabilities hereunder.

Yours faithfully,

For and on behalf of Bank.

Authorised Official (with seal)

(NB: This guarantee will require stamp duty as applicable in the state, where it is executed and shall be signed by the official whose signature and authority shall be verified).

Performa of undertaking for maintenance confirmation by the OEM on behalf of the tenderer

To,
The Chief General Manager
Reserve Bank of India
Estate Department
H.H Nirmala Devi Marg
Sector-10, CBD Belapur
Navi Mumbai

Dear Sir/Madam

Tender for Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

We hereby undertake to maintain the **Intelligent Analog Addressable Fire Alarm System** installed by us in Bank's Main Office Building and Annex Building in Belapur through M/s _____, our authorised dealer/ system integrator satisfactorily, for a period of not less than 7 years after expiry of the defect liability/warranty period of one years from the date of commissioning and handing over the system to the Bank at the rates quoted in the tender towards all-inclusive annual maintenance contract, subject only to the price revision clause specified in the tender.

In the unlikely event of M/s _____ not remaining our authorised dealer/ system integrator, we, the original equipment manufacturer, shall continue to provide support through any of our other dealer/ system integrator in terms of spares/ technical man power etc. i.e. all-inclusive service to your satisfaction, by arranging required spares etc. ourselves, within the rate quoted in the tender for the all- inclusive maintenance contract for the period accepted as above. In case of any such event, the Bank shall be immediately informed about the details of the new authorized dealer/ system integrator.

Yours faithfully,

For _____

(OEM)

Authorised signatory

For _____

(Authorized Dealer/ system Integrator)

Authorised signatory

FORMAT OF BANKERS' CERTIFICATE

1. Composition of the firm (whether Partnership"/ Private Limited/ Proprietorship/ Public Limited.)
2. Name of the Proprietor/ Partners/ Directors of the firm.
3. Turnover of the firm for the last 3 financial years (year wise).

2022-23

2023-24

2024-25

4. Credit facility/ Overdraft facility enjoyed by the firm.
5. Dealings
6. The period from which the firm has been banking with your bank.
7. Any other remarks.

You may also certify that to the best of our knowledge and information M/s. /Shri..... a customer of our bank having marginally noted address, are/is respectable and can be treated as good for any engagement up to a limit of ₹.....(Rupees.....). This certificate is issued without any guarantee or responsibility on the bank or any of its officers.

(Signature with name and stamp)

For the Bank

Note:

- Bankers' certificates should be on letter head of the Bank, sealed in cover addressed to RBI.
- In case of partnership firm, certificate should include names of all partners as recorded with the Bank
- Name of Bank executives, Email ID, contact numbers (land line and mobile), Fax number etc. (The person can be contacted by the Bank in case it is needed.)

Annexure-V**FINANCIAL STATUS**

Sr. No.	Details	Financial Year		
		April 1, 2022, to March 31, 2023	April 1, 2023, to March 31, 2024	April 1, 2024, to March 31, 2025
		₹ in lakh	₹ in lakh	₹ in lakh
1	Annual financial turn over certified by Chartered Accountant.			
2	Income Tax returns for the year			

Note:

Statement shall be supported by copies of audited financial statements/ accounts of the business of the Tenderer duly certified by a Chartered Accountant. The Income Tax Clearance Certificates / Income Tax Assessment orders along with the latest final accounts of the business of the Tenderer duly certified by a Chartered Accountant, copied of the Income Tax clearance Certificate/ Income Tax assessment orders along with the latest final accounts of business of the Tenderer duly certified by a Chartered Accountant as a proof creditworthiness.

Signature of the Tenderer with seal

Annexure-VI

(A) Details of Clients

(Corresponding Work orders justifying Work experience must be dated on or before June 30, 2020, for similar Works)

S. No.	Name of the firm with full address and Name of Contact person with numbers / fax / e-mail etc.	Name of work	Value of the work	Completion date	Date of award of the work	Status

Place:

Date:

Seal &Signature of Tenderer

(B)Works qualifying Financial Eligibility**Details of similar work/s (qualifying) during last five years completed on or before June 30, 2025**

Sl no	Name of similar work and location	Nature of work / items (brief description) of work involved in the contract.	Name of the owner/ client and Architect. Also indicate whether Government or Semi-Government or Private Body with full postal address.	Name, e-mail ID, telephone (land line and mobile) nos., Fax no. of the contact executive (the person of Tenderer's client who can be contacted by the Bank in case it is so needed).	Cost of work		Period of completion			Reason for delay, if any	Whether work was left incomplete or contract was terminated from either side?	Litigation/ Arbitration, if any with details.	Any other relevant information.	Green building certification category, if available
					Contract Amount (₹ lakh)	Actual value of work done (in ₹ lakh)	Date of commencement of work	Scheduled date of completion	Actual date of completion					
1.	2.	3.	4.	5.	6 a	6b	7a	7b	7c	8	9	10	11	12

Signature of the Tenderer with seal

(On the Letter Head of company/firm/organization)

Client's Certificate regarding performance of the Contractor

We confirm that M/s. (Name of the contractor) _____ have carried out the following work/s for us. The firm may be considered sound for entrusting captioned work.

Name & address of the Client

Details of Works executed by Shri / M/s

- 1 Name of work with brief particulars
- 2 Agreement No. and date
- 3 Agreement amount
- 4 Date of commencement of work
- 5 Stipulated date of completion
- 6 Actual date of completion
- 7 Details of compensation levied for delay(indicate amount) if any
- 8 Gross amount of the work completed and paid
- 9 Name and address of the authority under whom works executed
- 10 Whether the contractor employed qualified Engineer/Overseer during execution of work?
- 11 i) Quality of work (indicate grading) Outstanding/Very Good/Good/Satisfactory/poor
ii) Amt. of work paid on reduced rates, if any.
- 12 i) Did the contractor go for arbitration?
ii) If yes, total amount of claim
iii) Total amount awarded
- 13 Comments on the capabilities of the contractor.
 - a) Technical proficiency: Outstanding/Very Good/Good/Satisfactory/poor
 - b) Financial soundness: Outstanding/Very Good/Good/Satisfactory/poor
 - c) Mobilization of adequate T&P: Outstanding/Very Good/Good/Satisfactory/poor

- | | |
|------------------------------|--|
| d) Mobilization of manpower: | Outstanding/Very Good/Good/Satisfactory/poor |
| e) General behaviour: | Outstanding/Very Good/Good/Satisfactory/poor |

Note: All columns should be filled in properly “countersigned”

Office Seal of the Client

Yours faithfully,

(Signature of the Responding Officer*) For
S.E (E) / Executive Engineer (E)

Note:

- * Responding Officer should be of the Rank of Superintending / Executive Engineer in respect of a Government/Semi- Government organization or a PSU*
- * Responding Officer should be of the Rank of General Manager in respect of Private organizations*
- * The matter written in italic not to be printed on the final Performance Certificate.*

FORMAT FOR POWER OF ATTORNEY FOR SIGNING OF PROPOSAL

(On Non-Judicial Stamp Paper of appropriate value)

Know all men by these presents, we.....

(Name of the Bidder and address of their registered office) do hereby constitute, appoint and authorize Mr. / Ms. (Name and residential address of Power of Attorney holder) who is presently employed with us and holding the position of

as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the **Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System For Bank's Main Office Building and Annex Building at Belapur** on Item Rate Contract basis for Reserve Bank of India including signing and submission of all documents and providing information / responses to RBI, representing us in all matters before RBI, and generally dealing with RBI in all matters in connection with our proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Note:

Power of Attorney should be properly stamped and notarized Power of Attorney furnished shall be irrevocable.

Signature/(s) of the Bidder Name/(s)

Stamp/Seal of the Bidder

(NB: This guarantee will require stamp duty as applicable in the state, where it is executed and shall be signed by the official whose signature and authority shall be verified).

UNDERTAKING

Regarding site visit by the tenderer in order to understand the work

To,
The Chief General Manager
Reserve Bank of India
Estate Department
H.H Nirmala Devi Marg
Sector-10, CBD Belapur
Navi Mumbai

Respected Sir/Madam,

NAME OF WORK: “Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.”

We, M/s. _____, the tenderer for the above work confirms that we have visited the site and understood the proper details of the existing system, working presently and also the scope of work for the proposed system. We are ready to remove and take away the existing complete system along with cabling and further ready to provide Comprehensive Annual Maintenance Contract for the new system.

Date: _____ *(Name and address of the company with Company Seal)*

Undertaking regarding declaration of debarment by public institution(s)

(To be submitted by the tenderer on their letter head)

Name of Work: Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

1. I / We _____ (Name of the bidder) declares that,

a) I / We or any of our allied firm* is / or not debarred / suspended / blacklisted by any public institution / entity in India or any other country as on _____ (last date of submission of bid).

b) I / We or any of our allied firm* have not made any transgression in respect of the code of integrity (as mentioned in the tender) with any public institution / entity in India or any other country in last three years as on _____ (last date of submission of bid).

c) We will inform the Bank in writing, in case, I / We or any of our allied firm* is / are debarred / suspended / blacklisted by any public institution / entity in India or any other country on or before award of work for the captioned work.

2. I / We _____ (Name of the bidder) declares that, I / We or any of our allied firm* _____ (Name of the allied firm(s)) * is / are debarred / suspended / blacklisted by _____ (Name and address of the public institution in India or any other country) and the same effective up to _____ (date). A copy of such letter is attached for your information and record.

(Seal and Signature of the bidder)

Date:

Place:

(Note: Strike out one of the above two declarations which is not applicable)

* Allied firm: A firm would be termed as "allied firm" if the management is common, or substantial or majority shares are owned by the banned / suspended firm and by virtue of this it has controlling voice. Further all successors firms will also be considered as allied firms.

Annexure XI

Proforma of Undertaking / Declaration / Certificate by the Bidder regarding country sharing land border with India

(To be submitted by the bidders on their letter head duly sealed and signed by the authorised signatory)

To
Chief General Manager
Reserve Bank of India
Estate Cell
Belapur.

Dear Sir/Madam,

Name of work: - Supply, Installation, Testing and commissioning (SITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

I/We _____ (Name and address, including country of location of bidder) have read and understood the contents of the Office Memorandum (OM) F.No. 6/18/2019-PPD dated July 23, 2020 and its subsequent orders / revision issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India regarding the restrictions on procurement from a bidder of a country which shares a land border with India.

2. I/We certify that _____ (Name of the bidder)

- i. Is not from a country sharing land border with India, **or**
- ii. Is from a country sharing land border with India and has been registered with the Competent Authority, the certificate of which is enclosed, **or**
- iii. Is from a country sharing land border with India where Government of India has extended lines of credit, **or**
- iv. Is from a country sharing land border with India where Government of India is engaged in development projects.

(Strikeout whichever of the above is not applicable)

3. I/ We further certify that _____ (Name of the bidder) fulfils all requirements in this regard and is eligible to be considered under the provision of the above referred Office Memorandum and its subsequent orders / revision. I/We also undertake that even in case of contracts where we are permitted by the Bank/RBI to sub-contract I/We _____

(Name of the bidder) will not sub-contract any work to a contractor from country(ies) sharing land border with India, unless such contractor fulfils all the requirements contained in the above referred office memorandum/ order.

4. I/We know and understand that, if this Undertaking / Declaration / Certification / Certificate submitted by us is found to be false, the Bank shall be free to reject / terminate our tender / Work Order and that the Bank shall also be free to initiate any legal action in accordance with law including forfeiting of Earnest Money Deposit / Performance Bank Guarantee / Security Deposit and / or debarring us from participating in tenders invited by the Bank in future.

Place:

Date:

Seal &Signature of Tenderer

**Proforma for Indemnifying the Employer against Patent Rights
(On Non-Judicial Stamp Paper of appropriate value)**

To,

Chief General Manager,
Reserve Bank of India,
CBD Belapur,
Navi Mumbai- 400 614

Dear Sir

Name of Work: Supply, Installation, Testing and commissioning (SITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

We, M/s _____ (Name of Contractor)

hereby undertake to fully indemnify and keep indemnified the Employer i.e. Reserve Bank of India against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall ourselves pay any royalties, licence fees etc. which may be payable in respect of any article or part thereof included in the contract or damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

In the event of any claims made under or action brought against Employer in respect of any such matters as aforesaid, we shall, on being notified thereof, at our own expense, settle any dispute or conduct any litigation that may arise therefrom, provided that we shall not be liable to indemnify the Employer if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.

Yours faithfully,

For _____

Authorised signatory

Name and Address of the Contractor:

Sign & Seal of the Contractor:

Date:

Place:

Proforma for Indemnifying the Employer against Contract labour Rules/regulations
(On Non-Judicial Stamp Paper of appropriate value)

To
The Chief General Manager
Estate Cell
Reserve Bank of India,
CBD Belapur

Dear Sir/Madam

Name of Work: Supply, Installation, Testing and commissioning (SITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at Belapur.

We, M/s (Name of contractor), hereby undertake that we shall comply with all the statutory rules/ regulations with regard to the employment of contract labour and their payment.

We also hereby fully indemnify and keep indemnified the Employer, i.e. Reserve Bank of India, against payments to be made to the contract labour and for the observance of the laws in this regard without prejudice to our right to claim indemnity from our sub-contractors.

Yours faithfully,

For _____

Authorised signatory

Name and Address of the Contractor:

Sign & Seal of the Contractor:

Date:

Place:

Proforma for providing input for NEFT Payment

RTGS/NEFT/ECS – MANDATE AUTHORISATION FORM

1. Contractor's Name:

2. Contractor's Name as per Bank Records:

3A. Contractor's Code (if applicable):

3B. Contractor's PAN Number: #

Quoting PAN No. in all the e-returns has become 100% mandatory w.e.f. 14-02-2008, hence ensure to fill- up this and also send a photocopy of PAN duly self-attested. If there is any difference between the name given in the supplier's name and name given in the PAN card, then a note to explain the reason for the difference and the correlation between both.

4. Contractor's Complete Postal Address:

5. Contractor's E-mail ID:

6. Contractor's Telephone Number & Mobile Phone Number:

7. Name of the Bank:

8. Bank (Branch) Postal Address:

9. RTGS*/NEFT /MICR- Code of the Branch:**

RTGS* - "Real Time Gross Settlement", NEFT** - "National Electronic Fund Transfer". MICR-Magnetic Ink Recognition Character These "IFSC" Codes are unique numbers of each Branch – "Indian Financial Services Code". For some Branches both the codes are the same and some Banks, may maintain one Code No. for RTGS and another Code No. for NEFT. Hence, please fill-up both the rows, even if it is the same.

10. Nature of the Account: (SB/CC/CA)

11. Bank Account Number of the Contractor: ©

Authorized Signature of the Contractor:

Date:

Contractor's Seal:

Certified that the particulars as per Serial Numbers 2, 7 to 11 are correct as per our records.

Date:

Bank's Stamp

Authorized Signature of the Officer of the Bank.

NEFT Details for effecting e-payments**Name of the Institution:** Reserve of India, Belapur**Address (in full):** Reserve Bank of India, H. H. Niramala Devi Marg, Sector -10, CBD Belapur, Navi Mumbai, Maharashtra – 400614.

1	Name of the Account Holder (as appearing in the Bank Account)	Reserve Bank of India, Belapur
2	Account Number	186003001
3	Type of Account (Savings, Current etc.)	Current
4	PAN Number	AAIFR 5286M
5	Name of the Bank	RBI, Belapur
6	Name of the Branch	RBI, Belapur
7	Address of the Bank	RBI, Belapur
8	NEFT/IFS Code	RBIS0NMPA01 (Fifth and Tenth characters in IFSC are Zero)
9	Name of the Account	RBI, NEFT, Inward Received
10	GST Number	27AAIFR5286M1ZG



Reserve Bank of India / भारतीय रिजर्व बैंक
Estate Department / संपदा विभाग
Belapur / बेलापुर

(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])

e-TENDER FOR

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analog Addressable Fire Alarm System for the Bank's Main Office Building and Annex Building at RBI, Belapur.

Part I (Unpriced Bill of Quantities)

Name of Bidder: _____

Address: _____

Contact (LL): _____ **Mobile** _____

Email ID: _____

e-Tender no	(RBI/Belapur Regional office/Estate/6/25-26/ET/259[DSITC of Fire Alarm System-MOB])
Date and time of e-Tender available for Downloading	July 10, 2025; 15:00 Hrs
Availability of Tender for submission of bids (Part I and Part II)	From: August 01, 2025
Date and time of Pre-bid meeting	August 07, 2025; 15:00 Hrs (Offline) Venue: Estate Department 2nd floor, Reserve Bank of India, H.H Nirmala Devi Marg, Sector - 10, CBD Belapur, Navi Mumbai.
Last date of Submission of e-Tender	August 20, 2025; 12:00 Hrs
Date and time of opening of e-Tender	August 20, 2025; 15:00 Hrs

Unpriced Bill of Quantity

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
1.	<p><u>Fire Alarm Control Panel (FACP):</u> Supply Installation testing and Commissioning (SITC) of Networkable Microprocessor based analogue addressable type 5 Loops expandable up to 10 loops Fire Alarm Control Panel with 640 character LCD display. The panel should be equipped with sufficient numbers of loops with 20% Spare capacity in each loop. The panel shall be capable of taking at least 256 analog addressable devices (Detectors, Devices in any combination) in one loop. Four access levels, capable of taking Flash Scan devices, flash EPROM sufficient numbers of programmable relay controls for controlling AHUs, pressurization fans, ventilation fans at fire pump room, monitoring of fire sprinkler and fire hydrant pump, 240 volts AC power supply, automatic battery charger, 24 volts sealed maintenance free (SMF) batteries sufficient for 24 hours normal working and then be capable of operating the system for 2 hours during an emergency conditions as required. The FAS panel shall include all the loop cards, interface cards, control cards, power control unit etc., as per Technical specifications mentioned in Part-I of the Tender. The Panel shall be listed for latest edition UL864/ EN54 / VDS certification. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.</p>	1 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
2.	<p><u>Networked Graphic Control Station:</u> Supply, Installation, Testing and Commissioning (SITC) of Networked Graphic Control Station. Main network software must be capable of graphically representing each facility being monitored with floor plans and icons depicting the actual locations of the various systems; and / or sensors' locations. The software should accommodate current devices and expandable up to 15000 IBMS (access control, Fire, HVAC etc.,) points minimum. The software shall be located in control room in one of the blocks and shall monitor all the blocks panel connected with each other. The software shall be capable of monitoring 100 Nodes with 100 MB baud Transmission rate on Fibre Optics Network and 12 MB baud transmission on cable or more. The software shall provide</p>	1 Set	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
	the facility to Monitor 2 way communication from main control room using voice signals over Fire Network along with the Fire detection signal. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.			
3.	<u>Monitor and Printer:</u> Supply, Installation, Testing and Commissioning (SITC) of PC with Intel i7 12 th Generation or higher , System Memory: Minimum 8 GB RAM, Hard Disk: 2TB Minimum, Disk Speed: minimum 10000 RPM,SSD:-minimum 500 GB, Graphic card:- minimum 4 GB, Load device: DVD-RW, Network connection: Gigaport 1GB, Com port: 3, sound card, mouse, speakers, keyboard, Ethernet card, PCI slot, RS-232 / RS-485 serial COM port, Windows 11 or above, Antivirus, Colour LaserJet Printer and 32" Flat Screen LCD/LED monitor". The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	1 Set	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
4.	<u>Repeater Panel:</u> Supply, laying, testing and Commissioning (SITC) of UL Listed Network Repeater Panel with 6 inch or 640-characters; The LCD shall Display all events / detectors, devices status of complete systems in the networked, The NRP shall be equipped with QWERTY Keypad. Mounting options include an annunciator box, and blank modules are required for mounting. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	1 No.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
5.	<u>Photothermal Smoke Detector below false ceiling:</u> Supply, Installation, Testing and Commissioning (SITC) of Automatic Floating Sensitivity type Analog addressable Photo thermal smoke detector with mounting base, LED, Address Switch to programme the detectors, inbuilt Isolator, all complete as required BELOW FALSE CEILING . It shall be UL / EN 54 approved and as per Technical specification mentioned in the Part-I of the tender all complete and as directed by Bank's Engineer. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	103 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
6.	<u>Photothermal Smoke Detector on true ceiling:</u> Supply, Installation, Testing and Commissioning (SITC) of Automatic Floating Sensitivity type Analog addressable Photo thermal smoke detector with mounting base, LED, Address Switch to programme the detectors, inbuilt Isolator, all complete with suitable connector box etc. as required ON TRUE CEILING . It shall be UL / EN 54 approved and as per Technical specification mentioned in the Part-I of the tender all complete and as directed by Bank's Engineer. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	105 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
7.	<u>Multi criteria detector below false ceiling:</u> Supply Installation testing and Commissioning (SITC) of Intelligent Addressable type multi sensor detector below false ceiling (Photo + Fixed Tempt. + Rate of Rise Tempt.) with base for use as heat or smoke or combined both automatic electronic addressing, microprocessor type with operating temperature from -20°C to + 60°C. Detector shall have auto learn, drift compensation etc. It shall be UL / EN 54 approved. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	6 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
8.	<u>Multi criteria detector on true ceiling:</u> Supply Installation testing and Commissioning (SITC) of Intelligent Addressable type multi sensor detector above false ceiling i.e., in the true ceiling (Photo + Fixed Tempt. + Rate of Rise Tempt.) with base for use as heat or smoke or combined both automatic electronic addressing, microprocessor type with operating temperature from -20°C to + 60°C with GI box. Detector shall have auto learn, drift compensation etc. It shall be UL / EN 54 approved. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	98 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
9.	<u>Heat detector:</u> Supply Installation testing and Commissioning (SITC) of Analog addressable Rate of Rise Cum Fixed temperature / Heat detector with mounting based LED, Address Switch to programme the detectors from 01-159, complete as required. The quoted rate shall be inclusive	21 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
	of all taxes, transportation, insurance, levies etc., and including all accessories required hardware fitting, consumables to complete the work.			
10.	<u>LPG Gas leak detector:</u> Supply, Installation, Testing and Commissioning (SITC) of Analog addressable LPG detector for LPG gas bank with mounting base, LED, Address Switch to programme the detectors, inbuilt Isolator, all complete as required for fixing and functioning. It shall be UL / EN 54 approved and as per Technical specification mentioned in the Part-I of the tender all complete and as directed by Bank's Engineer. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	02 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
11.	<u>Response Indicator:</u> Supply Installation testing and Commissioning (SITC) of Response Indicator with dual LED'S as required. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all accessories required hardware fitting to complete the work.	36 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
12.	<u>Fault Isolator:</u> Supply Installation testing and Commissioning (SITC) of Fault Isolator for isolating shorted, de-wired and loose circuits between two successive fault isolators with automatic resetting arrangement. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	17 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
13.	<u>Control modules for Hooter cum Strobe:</u> Supply Installation testing and Commissioning (SITC) of Addressable UL Listed control modules for Hooter cum Strobe with Address Switch to program the device from 01-159, complete as required. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	40 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
14.	<u>Control modules for Ventilation Fans' Panel /AHU's Tripping & Lifts:</u> Supply Installation testing and Commissioning (SITC) of Addressable UL Listed Relay control modules for Ventilation Fans' Panel /AHU's Tripping & Lifts with Address Switch to program the device from 01-159, complete as required. The quoted rate shall be inclusive	22 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
	of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.			
15.	<u>Monitor modules for Sprinkler Flow Switch & WLD:</u> Supply Installation testing and Commissioning (SITC) of Addressable UL Listed monitor modules for Sprinkler Flow Switch & Water Leak Detection (WLD) Monitoring with Address Switch to program the device from 01-159, complete as required. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	1 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
16.	<u>Manual call Point / Station (MCP):</u> Supply Installation testing and Commissioning (SITC) of Addressable Manual call Station Break Glass Type Unit with back box, Address Switch to program the device from 01-159, complete as required (UL Listed). The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	38 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
17.	<u>Hooter cum Strobe:</u> Supply Installation testing and Commissioning (SITC) of Addressable UL Listed Hooter cum Strobe with Switch to program the device to 3 selectable candela outputs, complete as required. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	40 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
18.	<u>FRLS armoured Twisted copper multistranded cable:</u> Supply, laying, testing and Commissioning (SITC) of FRLS armoured 2 C X 1.5 Sq mm PVC insulated Twisted copper multistranded cable (RED colour) partly on wall /surface / underground using saddles at every 450mm spacing along complete with termination and testing as per requirement. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	5000 RMT	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
19.	<u>Beam Detector cum Reflector:</u> Supply, laying, testing and Commissioning (SITC) of UL Listed Beam Detectors with reflectors complete as per requirement. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete	4 Nos.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
	the work.			
20.	<u>Excavation and Laying of cable underground work:</u> Excavation of earth, concrete, paver or any type of hard soil for routing fire cable in 100 mm dia. GI metal conduit at a depth of 450mm by carefully removing the existing paver blocks including road cutting, excavation, sand cushioning, protective covering and refilling the trench and making the same good using PCC / existing paver block to be done along the alignment, including trimming and dressing as per site conditions, levelling of beds or trenches to correct grades, disposal of surplus earth or excavated materials as per direction of Engineer-in-Charge & restoration to its original condition. The work also includes replacement of damaged paver blocks if any, so as to match with the original finish. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	60 Mtr.	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
21.	Total Capital Cost ----- (A)			
22.	Rebate of removing and taking old material under Buy-Back scheme: Rebate for carefully dismantling and taking away the existing fire alarm system including existing (old) Cabling, detectors main panel, repeater panels, hooters, strobe lights, etc. after testing, commissioning and stabilization of New Fire Alarm System. The work (Installation of fire alarm system) will be completed when dismantled material will be taken out from RBI Premises. Dismantling work includes removing of all types of old cables and devices and rectification of other systems/ cables attached to the old fire alarm components i.e., removal of saddles, wooden boards, false ceiling cutting and rectification etc. complete and making good the damages. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work. ----- (B)	1 Job	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

S.No.	Description	Qty / Unit	Rate/ Unit in Rs.	Amount in Rs.
23.	Comprehensive AMC Charge - All-inclusive Comprehensive Annual Maintenance Charges (AMC) for the entire system including Main Panel, repeater panel, all detectors and devices, MCPs, indicators, control and monitoring modules, hooters, SMPS, batteries, wires/cables, PC, Printer, cartridge refilling, OS and other softwares viz., antivirus and its updates, license renewals, all types of plastic parts and consumables etc., after completion of the initial guarantee period of 01(ONE) year as per details mentioned in the in tender Part I. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting /consumable to complete the work. The AMC amount shall be made on half yearly basis on satisfactory services ----- (C)	Per annum	To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet
24.	Total Owning Cost (TCO) =[(A-B) +(5.632xC)] To be evaluated as per the above formula		To be quoted at MSTC in Price Sheet	To be quoted at MSTC in Price Sheet

Note:

- Tenders will be evaluated based on the overall owning cost which will be arrived at as under (as per clause 3.17, Section III, Part I of tender)
 - Total owning cost (TCO)**= Net Capital Cost (Cost of new equipment's – buyback value of old equipment's) + NPV factor for CAMSC X Charges for CAMSC per annum.
 - i.e., **Total owning cost (TCO)** = Net Capital cost (Cost of new equipment – buyback value for old equipment's) + 5.632 X quoted per annum cost for CAMSC.
- All the above rates are inclusive of all kinds of material, spares, GST, transport, insurance, agreement, labour, statutory approvals required and all other expenses if any, required to complete the work.
- Bidders are requested to visit to site and acquaint themselves of the site conditions, before quoting the rate.

Date:

Place:

Seal & Signature of the Contractor