



भारतीय रिज़र्व बैंक / Reserve Bank of India
सम्पदा विभाग / Estate Department
चंडीगढ़ / Chandigarh

Notice Inviting E-Tender

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

Reserve Bank of India, Chandigarh (therein after referred as "the Bank") invites e-tender from eligible and willing firms for undertaking "*Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh*". The work is estimated to cost **₹60.82 lakh** (including GST) only to be completed within 120 days from 14th day of issue of work order.

2. It is an open e-tender. Only those interested and eligible firms, which are registered on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) will be able to participate in the tender. The tender document will be available on website www.rbi.org.in for viewing / download.

3. E-Tender shall be submitted online in two parts. Part-I of the e-tender will contain technical and commercial conditions for the proposed work, which must be agreed to by the tenderers. Part-II of the e-tender will contain the Bank's schedule of quantities and price bid to be submitted online.

4. The firms fulfilling the eligibility criteria and desirous of being considered for award of the work should upload all the required documents at Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) **on or before September 07, 2026 at 11:00 AM.**

5. Part-I of the e-tender will be opened on **September 08, 2026 at 11:00 AM** on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). The timeline of the tender is as follows:

A	E-Tender No.	Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP Tender ID: 2026_RBI_284898
B	Mode of Tender	e-Procurement System

		(Online Part I – Techno-Commercial Bid and Part II -Price Bid through Central Public Procurement Portal (CPPP - https://etenders.gov.in))
C	Estimated Cost	₹60.82 lakh (Rupees Sixty Lakh Eighty-two Thousand Only) (Including GST)
D	Date of availability of E-Tender Document for download on CPP portal	August 14, 2026 from 05:00 PM onwards
E	Earnest Money Deposit (Only through NEFT/DD)	₹1,21,640/- (Rupees One Lakh Twenty-one Thousand Six Hundred Forty Only) by NEFT to Beneficiary Name: RBI Chandigarh Beneficiary A/c No: 186003001 IFSC: RBIS0CGPA01 (5th and 10th being zero) Note: Kindly mention your name / company name in the NEFT Transaction remarks.
F	Last date of submission of EMD	September 06, 2026
G	Starting date of e-tender for submission of Part-I (Techno-Commercial Bid) and Part-II (Price Bid) at Central Public Procurement Portal (https://etenders.gov.in)	August 14, 2026, from 05:00 PM onwards
H	Date and time of pre-bid meeting	August 21, 2026 at 11:00 AM Venue: Estate Department, 3rd Floor, Main Office Building, Reserve Bank of India, Central Vista, Sector-17A, Chandigarh
I	Last Date of e-tender for submission of Techno-Commercial Bid & Price Bid	September 07, 2026, till 11:00 AM
J	a. Date and Time of opening of Part-I (Techno-Commercial Bid) b. Date of opening of Part II (Price Bid)	September 08, 2026, at 11:00 AM After review of the documents uploaded in Part I, Part II will be opened only for those bidders who are found acceptable after scrutiny of the documents uploaded along with Part I which will be informed to the eligible bidders separately through email/letter.

All eligible and interested companies/agencies/ firms must register themselves with Central Public Procurement Portal (<https://etenders.gov.in>). Please also note that further Addendum / corrigendum issued if any will be published only on RBI website and Central Public Procurement Portal (CPPP - <https://etenders.gov.in>).

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

Regional Director
Reserve Bank of India, Chandigarh



भारतीय रिज़र्व बैंक / Reserve Bank of India

सम्पदा विभाग / Estate Department

चंडीगढ़ / Chandigarh

भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर

अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य

हेतु

ई-निविदा

E-Tender

for

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP

Tender ID: 2026_RBI_284898

(भाग I तकनीकी-वाणिज्यिक बोली) / (Part-I Techno-commercial Bid)

बोली पूर्व बैठक का समय एवं स्थान	21 अगस्त 2026 को पूर्वाह्न 11:00 बजे स्थान : संपदा विभाग, तृतीय तल, मुख्य कार्यालय भवन, भारतीय रिज़र्व बैंक, सेंट्रल विस्टा, सेक्टर-17, चंडीगढ़
बोली प्रस्तुत करने की अंतिम तिथि:	07 सितम्बर 2026 को पूर्वाह्न 11:00 बजे तक
निविदा का भाग I अर्थात तकनीकी-वाणिज्यिक बोली खोलने की तिथि:	08 सितम्बर 2026 को पूर्वाह्न 11:00 बजे

Note: This is an-e tender. Hence, signed & scanned Part I must be uploaded to Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). Part II/price bid will be directly filled at the Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). Bidder/Contractor/Tenderer means those who are participating in the tendering process. Successful bidder/contractor/Tenders mean who quote Lowest rates after evaluating thePart I and Part II of tender.

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अस्वीकरण /
DISCLAIMER

भारतीय रिज़र्व बैंक, सम्पदा विभाग, चंडीगढ़ ने इच्छुक पक्षों को कार्य की पृष्ठभूमि की जानकारी देने के लिए यह दस्तावेज़ तैयार किया है। जबकि भारतीय रिज़र्व बैंक ने इसमें निहित जानकारी को तैयार करने में उचित सावधानी बरती है और इसे सटीक मानते हैं, न तो भारतीय रिज़र्व बैंक और न ही इसके किसी भी प्राधिकरण या एजेंसियों और न ही उनके संबन्धित अधिकारियों, कर्मचारियों, एजेंटों या सलाहकारों में से कोई भी इस दस्तावेज़ में निहित जानकारी की पूर्णता या सटीकता के संबंध में कोई वारंटी या नुमाइंदगी, व्यक्त या निहित प्रदान करता है।

Reserve Bank of India, Estate Department, Chandigarh, has prepared this document to give background information on the work 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.

इस दस्तावेज़ का प्रयोजन सम्पूर्ण जानकारी प्रदान करने का नहीं है। इच्छुक पार्टियों से अपनी स्वयं की पूछताछ करना अपेक्षित है। इस ई-निविदा के प्रत्यर्थी को अपनी स्वयं की पूछताछ करने की आवश्यकता है और उन्हें केवल खाली ई-निविदा दस्तावेज़ों / फार्मों में निहित जानकारी पर भरोसा नहीं करना चाहिए। यदि उत्तरदाताओं द्वारा सम्यक उद्यम का पालन नहीं किया जाता है तो भारतीय रिज़र्व बैंक ज़िम्मेदार नहीं होगा।

The information is not intended to be exhaustive. Interested parties are required to make their own inquiries. Respondents to this tender are required to make their own inquiries and they should not rely solely on the information contained in the blank tender documents / forms. The Reserve Bank of India is not responsible if no due diligence is performed by the Respondents.

यह जानकारी इस आधार पर प्रदान की जाती है कि यह भारतीय रिज़र्व बैंक या इसके किसी भी प्राधिकरण या एजेंसियों या उनके संबन्धित अधिकारियों, कर्मचारियों, एजेंटों या सलाहकारों पर बाध्यकारी नहीं है।

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.

भारतीय रिज़र्व बैंक परियोजना के साथ आगे बढ़ने या परियोजना के विन्यास को बदलने, इस दस्तावेज़ में परिलक्षित समय सारिणी को बदलने या लागू होने वाली प्रक्रिया को बदलने का अधिकार सुरक्षित रखता है। यह रुचि व्यक्त करने वाले किसी भी पक्ष के साथ मामले पर आगे चर्चा करने से इनकार करने का अधिकार भी सुरक्षित रखता है। रुचि व्यक्त करने वाले व्यक्तियों या संस्थाओं को किसी भी प्रकार की लागत की प्रतिपूर्ति का भुगतान नहीं किया जाएगा।

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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सम्पदा विभाग / Estate Department
चंडीगढ़ / Chandigarh

ई-निविदा सूचना

भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य हेतु ई-निविदा

1. भारतीय रिज़र्व बैंक, चंडीगढ़ अपने चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य के लिए पात्र एवं इच्छुक फ़र्मों से ई-निविदाएँ आमंत्रित करता है। कार्य की अनुमानित लागत **₹60.82 लाख** मात्र (जी.एस.टी सहित) है। कार्य समाप्ति की तिथि कार्यदेश जारी करने के 14वें दिन से 120 दिन की होगी।
2. यह एक खुली ई-निविदा है। केवल वे इच्छुक एवं पात्र फ़र्मों जो कि Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) पर पंजीकृत हैं, ई- निविदा प्रक्रिया में भाग ले सकेंगी। निविदा दस्तावेज़ वेबसाइट www.rbi.org.in पर डाउनलोड के लिए उपलब्ध हैं।
3. निविदा दो भागों में ऑनलाइन प्रस्तुत की जाएगी। निविदा के भाग - I में प्रस्तावित कार्य के लिए बैंक की मानक तकनीकी और वाणिज्यिक शर्तें होंगी, जिनपर निविदाकर्ता को सहमत होना होगा। ई-निविदा के भाग- II में बैंक की मात्राओं की अनुसूची निर्धारित की जाएगी और निविदाकर्ता द्वारा मूल्य बोली ऑनलाइन प्रस्तुत की जाएगी।
4. पात्रता मानदंड को पूरा करने वाली फ़र्मों और कार्य के आवंटन के लिए विचार किए जाने की इच्छुक निविदाकर्ता को **07 सितम्बर 2026 पूर्वाह्न 11:00 बजे** तक या उससे पहले सभी आवश्यक दस्तावेज़ों को Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) पर अपलोड करना होगा।
5. निविदा के भाग-I को **08 सितम्बर 2026 को पूर्वाह्न 11:00 बजे** Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) पर खोला जाएगा। निविदा की समय-सारणी निम्नानुसार है:-

(क)	ई-निविदा सं	Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP Tender ID: 2026_RBI_284898
(ख)	निविदा प्रणाली	ई-प्रापण प्रणाली (ऑनलाईन Central Public Procurement Portal (CPPP - https://etenders.gov.in) पर भाग I - तकनीकी वाणिज्यिक बोली तथा भाग II - मूल्य बोली
(ग)	अनुमानित लागत	₹60.82 लाख (रूपये साठ लाख बयासी हजार मात्र)

(घ)	निविदा दस्तावेज़ बैंक की वेबसाइट से डाउनलोड करने की प्रारम्भिक तिथि	14 अगस्त 2026 साँय 05:00 बजे से
(ङ)	बयाना राशि (केवल NEFT/DD के माध्यम से)	₹1,21,640/- (रुपए एक लाख इक्कीस हजार छः सौ चालीस मात्र) लाभार्थी का नाम- भारतीय रिज़र्व बैंक IFSC Code: RBIS0CGPA01 (पांचवा और दसवां अंक शून्य है) खाता संख्या: 186003001
(च)	बयाना राशि जमा करने की अंतिम तिथि	06 सितम्बर 2026
(छ)	https://etenders.gov.in पर ई-निविदा (तकनीकी-वाणिज्यिक बोली और मूल्य बोली) प्रारंभ होने की तिथि	14 अगस्त 2026 साँय 05:00 बजे से
(ज)	बोली पूर्व बैठक की तिथि एवं समय	21 अगस्त 2026 पूर्वाह्न 11:00 बजे स्थान: सम्पदा विभाग, तृतीय तल, मुख्य कार्यालय भवन, भारतीय रिज़र्व बैंक, सेंट्रल विस्टा, सेक्टर – 17, चंडीगढ़
(झ)	ई-निविदा (तकनीकी-वाणिज्यिक बोली एवं मूल्य बोली) बंद होने की तिथि	07 सितम्बर 2026 को पूर्वाह्न 11:00 बजे तक
(ञ)	i) ई-निविदा का भाग – I (तकनीकी-वाणिज्यिक बोली) खोलने की तिथि ii) भाग II – (मूल्य बोली) खोलने की तिथि	08 सितम्बर 2026 को पूर्वाह्न 11:00 बजे भाग I में अपलोड किए गए दस्तावेज़ों की समीक्षा के बाद भाग II केवल उन्हीं बोलीदाताओं का खोला जाएगा, जिनके भाग I के साथ अपलोड किए गए दस्तावेज़ों की जांच के पश्चात स्वीकार्य पाया जाएगा जिसकी सूचना पात्र बोलीदाताओं को ईमेल/पत्र के माध्यम से अलग से दी जाएगी।

सभी इच्छुक कंपनियों / एजेंसियों / फर्मों को Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) के माध्यम से उपर्युक्त वेबसाइट के द्वारा निविदा प्रक्रिया में भाग लेने के लिए अपना पंजीकरण कराना होगा। कृपया यह भी ध्यान दें आगे का परिशिष्ट केवल भारतीय रिज़र्व बैंक की वेबसाइट और Central Public Procurement Portal (<https://etenders.gov.in>) वेबसाइट पर प्रकाशित किया जाएगा। बैंक सबसे कम निविदा को स्वीकार करने के लिए बाध्य नहीं है और किसी भी निविदा को पूर्ण या आंशिक रूप से स्वीकार करने का अधिकार सुरक्षित रखता है। बैंक को बिना कोई कारण बताए किसी भी निविदा या सभी निविदाओं को अस्वीकार करने का अधिकार सुरक्षित है।

क्षेत्रीय निदेशक
भारतीय रिज़र्व बैंक, चंडीगढ़



भारतीय रिज़र्व बैंक / Reserve Bank of India
सम्पदा विभाग / Estate Department
चंडीगढ़ / Chandigarh

Notice Inviting E-Tender

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

Reserve Bank of India, Chandigarh (therein after referred as "the Bank") invites e-tender from eligible and willing firms for undertaking "*Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh*". The work is estimated to cost **₹60.82 lakh** (including GST) only to be completed within 120 days from 14th day of issue of work order.

2. It is an open e-tender. Only those interested and eligible firms, which are registered on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) will be able to participate in the tender. The tender document will be available on website www.rbi.org.in for viewing / download.

3. E-Tender shall be submitted online in two parts. Part-I of the e-tender will contain technical and commercial conditions for the proposed work, which must be agreed to by the tenderers. Part-II of the e-tender will contain the Bank's schedule of quantities and price bid to be submitted online.

4. The firms fulfilling the eligibility criteria and desirous of being considered for award of the work should upload all the required documents at Central Public Procurement Portal (CPPP - <https://etenders.gov.in>) **on or before September 07, 2026 11:00 AM**.

5. Part-I of the e-tender will be opened on **September 08, 2026 at 11:00 AM** on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). The timeline of the tender is as follows:

A	E-Tender No.	Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP Tender ID: 2026_RBI_284898
B	Mode of Tender	e-Procurement System (Online Part I – Techno-Commercial Bid and Part II -Price Bid through Central Public

		Procurement Portal (CPPP - https://etenders.gov.in)
C	Estimated Cost	₹60.82 lakh (Rupees Sixty Lakh Eighty-two Thousand Only) (Including GST)
D	Date of availability of E-Tender Document for download on CPP portal	August 14, 2026 from 05:00 PM onwards
E	Earnest Money Deposit (Only through NEFT/DD)	₹1,21,640/- (Rupees One Lakh Twenty-one Thousand Six Hundred Forty Only) by NEFT to Beneficiary Name: RBI Chandigarh Beneficiary A/c No: 186003001 IFSC: RBIS0CGPA01 (5th and 10th being zero) Note: Kindly mention your name / company name in the NEFT Transaction remarks.
F	Last date of submission of EMD	September 06, 2026
G	Starting date of e-tender for submission of Part-I (Techno-Commercial Bid) and Part-II (Price Bid) at Central Public Procurement Portal (https://etenders.gov.in)	August 14, 2026, from 05:00 PM onwards
H	<u>Date and time of pre-bid meeting</u>	August 21, 2026 at 11:00 AM Venue: Estate Department, 3rd Floor, Main Office Building, Reserve Bank of India, Central Vista, Sector-17A, Chandigarh
I	Last Date of e-tender for submission of Techno-Commercial Bid & Price Bid	September 07, 2026, till 11:00 AM
J	a. Date and Time of opening of Part-I (Techno-Commercial Bid) b. Date of opening of Part II (Price Bid)	September 08, 2026, at 11:00 AM After review of the documents uploaded in Part I, Part II will be opened only for those bidders who are found acceptable after scrutiny of the documents uploaded along with Part I which will be informed to the eligible bidders separately through email/letter.

All eligible and interested companies/agencies/ firms must register themselves with Central Public Procurement Portal (<https://etenders.gov.in>). Please also note that further Addendum / corrigendum issued if any will be published only on RBI website and Central Public Procurement Portal (CPPP - <https://etenders.gov.in>).

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

**Regional Director
Reserve Bank of India, Chandigarh**



ई-निविदा की अनुसूची

1. ई-निविदा नंबर	Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP Tender ID: 2026_RBI_284898
2. कार्य का विवरण	भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य हेतु ई-निविदा
3 ई-निविदा का प्रकार	ई-प्रापण प्रणाली (ऑनलाइन) Central Public Procurement Portal (CPPP - https://etenders.gov.in) पर भाग I - तकनीकी वाणिज्यिक बोली तथा भाग II - मूल्य बोली
4. वेबसाइट पर ई-निविदा शुरू होने की तिथि उपलब्ध NIT की तारीख	14 अगस्त 2026 को सायं 05:00 बजे से
5. बोली पूर्व बैठक की तिथि एवं समय	21 अगस्त 2026 को पूर्वाह्न 11:00 बजे स्थान: सम्पदा विभाग, तृतीय तल, मुख्य कार्यालय भवन, भारतीय रिज़र्व बैंक, सेंट्रल विस्टा, सेक्टर - 17, चंडीगढ़
6. अनुमानित लागत	₹60.82 लाख (रूपये साठ लाख बयासी हजार मात्र)
7. बयाना राशि (केवल NEFT/DD के माध्यम से)	₹1,21,640/- (रूपए एक लाख इक्कीस हजार छः सौ चालीस मात्र) लाभार्थी का नाम- भारतीय रिज़र्व बैंक IFSC Code: RBIS0CGPA01 (पांचवा और दसवां अंक शून्य है) खाता संख्या: 186003001
8. बयाना राशि जमा करने की अंतिम तिथि	06 सितम्बर 2026
9. परफॉर्मेंस बैंक गारंटी (PBG)	अनुबंध राशि का 5% .
10. काम शुरू करने के लिखित आदेश की तारीख से 14वें दिन से काम पूरा करने के लिए समय की अनुमति	120 दिन
11. ऑनलाइन ई-टेंडर शुरू होने की तारीख (टेक्नो-कमर्शियल बिड और फाइनेंशियल बिड जमा करने के लिए)	14 अगस्त 2026 सायं 05:00 बजे से
12. टेक्नो-कमर्शियल बोली और मूल्य बोली प्रस्तुत करने के लिए ऑनलाइन ई-निविदा के बंद होने की तिथि	07 सितम्बर 2026 को पूर्वाह्न 11:00 बजे तक
13. भाग-I (अर्थात टेक्नो-कमर्शियल बोली) के खुलने की तिथि और समय	08 सितम्बर 2026 को पूर्वाह्न 11:00 बजे

14. भाग-II (अर्थात मूल्य बोली) के खुलने की तिथि और समय	भाग I में अपलोड किए गए दस्तावेज़ों की समीक्षा के बाद भाग II केवल उन्हीं बोलीदाताओं का खोला जाएगा, जिनके भाग I के साथ अपलोड किए गए दस्तावेज़ों की जांच के पश्चात स्वीकार्य पाया जाएगा जिसकी सूचना पात्र बोलीदाताओं को ईमेल/पत्र के माध्यम से अलग से दी जाएगी।
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Important instructions regarding e-tender

This is an e-procurement event of RBI. The e- procurement Service Provider/ Contractor is the Central Public Procurement Portal (CPPP) <https://etenders.gov.in/eprocure/app>

Process of E-tender: Bidder manual kit is available on home page

A) Registration for new bidder: The process involves vendor's registration with CPP portal which is free of cost. <https://etenders.gov.in/eprocure/app?page=BiddersManualKit&service=page>

For any technical related queries please call at 24 x 7 Help Desk Number

0120-4001 002

0120-4001 005

0120- 4493395

Email Support:

For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority

Technical - support-eproc@nic.in

Policy Related - cphp-doe@nic.in

Contact person at RBI, Chandigarh (for tender related queries)

i) Sh. Pushkar Pahwa (Asst. General Manager): (pushkarpahwa@rbi.org.in)

ii) Nishant Pandey (AM-Elect.) 8866503556, (nishantpandey@rbi.org.in).

This tender is published on the Central Public Procurement Portal (CPPP) and can be accessed at <https://etenders.gov.in/eprocure/app>. Unregistered bidders must complete their registration on the portal to participate in the bidding process. Step-by-step user manuals and guides are available on the homepage of the portal; bidders can locate them by following the visual highlighted in the screenshot below.



GeM - CPPP
Government e Marketplace Central Public Procurement Portal
Efficient • Transparent • Inclusive • Secured Procurement

Government eMarketplace - Central Public Procurement Portal

ePROCUREMENT for Central Public Sector Enterprises

03-Aug-2026

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India UK CETA flow has been enabled in this portal.

MIS Reports

Tenders by Location

Tenders by Organisation

Tenders by Classification

Tenders in Archive

Tenders Status

Cancelled/Retendered

Downloads

Debarment List

Announcements

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Site compatibility

Welcome to eProcurement System

The eProcurement System enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

CPPP Dashboard

GET IT ON Google Play

Download on the App Store

Latest Tenders

Tender Title	Reference No	Closing Date	Bid Opening Date
1. Development, Supply and Maintenance of Delhi Metro	OCC-2260	17-Aug-2026 02:00 PM	18-Aug-2026 02:30 PM

Latest Tenders updates every 15 mins. [More...](#)

Latest Corrigendums

Corrigendum Title	Reference No	Closing Date	Bid Opening Date
10. Bid Auto Extn Corrigendum	JPL-CnM-1100013067	06-Aug-2026 06:00 PM	08-Aug-2026 11:00 AM

Latest Corrigendum updates every 15 mins. [More...](#)

Certifying Agency



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GePNIC

The national portal of India

india.gov.in

GeM

Government e Marketplace

Government of India Central Public Procurement Portal

Regional Director
Reserve Bank of India
Chandigarh

Section I
Form of e-Tender

The Regional Director
Reserve Bank of India
Estate Department,
Chandigarh

Dear Sir / Madam,

We have carefully examined the specifications 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 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)	Description of works	Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh
(b)	Estimated cost	₹60.82 lakh (Rupees Sixty Lakh Eighty-two Thousand Only) (Including GST)
(c)	Terms of payment	As per clause 2.13 of section II (Commercial Conditions and General Instructions to Tenderers).
(d)	Earnest Money	₹ 1,21,640/-
(e)	Time allowed for completion of work	120 days from 14th day after the date of issue of work order.

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 III](#)).

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 **Rs.1,21,640** /- 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 is to be submitted in online mode.

Dated this _____ day of _____ 2026 (Two Thousand and Twenty-Six).

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

Commercial Conditions and General Instructions to Tenderers

2.1 Commercial conditions:

1.	Tenders by e- tendering process are invited for the “ <i>Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India’s Main Office Building in Chandigarh</i> ”. The work is estimated to cost ₹ 60.82 Lakhs and is to be completed within 120 days from the 14th day of issue of work order.
2.	All pre-Qualification documents shall be uploaded with Techno-commercial bid (Part-I) on Central Public Procurement Portal (CPPP - https://etenders.gov.in). 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 OEM or its authorized dealers with valid dealership certificate who are GST registered and have (i) minimum 5 years of experience in the field of work of similar nature (i.e., Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System in institutional buildings, public places, commercial spaces or government buildings). The similar work should have been completed on or before July 31, 2021. (ii) executed similar works (i.e., Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System in institutional buildings, public places, commercial spaces or government buildings) individually costing not less than: three or more works costing not less than 40% of the estimated cost “OR” two works costing not less than 50% of the estimated cost “OR” one work costing not less than 80% of the estimated cost during the last 5 years ending on July 31, 2026. (iii) a minimum yearly turnover of 100% of the estimated cost during the last 3 years (2022-23, 2023-24 and 2024-25); (iv) a solvency certificate issued by the Applicant’s banker, specifically for the purpose of the above work for an amount equal to estimated cost; and (v) a service set up in Chandigarh tri-city for rendering after sales service are eligible for tender. Note- Similar work refers to Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System in institutional buildings, public places, commercial spaces or government buildings.

4.	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.	
4.(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.
4.(b)	Work experience & Completion of similar works of specified value during the specified period.	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. 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.
4.(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.
4.(d)	Service Set-up	Certificate from the manufacturers / any other valid document in support of having a full-fledged service setup at Chandigarh tri-city should be uploaded .
4.(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 .
4.(f)	Details of bank accounts	Full particulars of their bank accounts, like account No., type, when opened, etc., should be given.
4.(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.

4.(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.
4.(i)	Client Certificates	The tenderers are advised to upload the Client Certificate as per enclosed Proforma from 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
4.(j)	Solvency certificate	The tenderers are advised to upload the Solvency certificate from their banker / bankers as per format. 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.
5.	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 Central Public Procurement Portal (CPPP - https://etenders.gov.in). It is to be duly noted that the tender process shall be executed on the Central Public Procurement Portal (CPPP - https://etenders.gov.in) through e-Tendering.	
6.	In the event of intending tenderers' failure to satisfy the Bank; the Bank reserves the right to refuse their participation .	
7.	Tender form will be available for viewing / downloading w.e.f. August 14, 2026, from 17.00 Hrs. A pre-bid meeting will be held on August 21, 2026 at 11:00 Hrs. in the RBI Chandigarh.	

8.	Tender form can be downloaded for viewing from RBI website www.rbi.org.in or Central Public Procurement Portal (CPPP - https://etenders.gov.in). The pre-Qualification papers and scanned copy of proof of EMD payment should be uploaded with Techno Commercial Bid (Part-I) on the Central Public Procurement Portal (CPPP - https://etenders.gov.in). The Demand Draft or Bank Guarantee for EMD should reach in original in a sealed envelope to Estate Department, Reserve Bank of India, Chandigarh by 2 pm on September 06, 2026. If paid through NEFT, the NEFT receipt should be uploaded along with pre-qualification documents.
9.	Interested vendors/firms can participate in e – Tender after getting registration with Central Public Procurement Portal (CPPP - https://etenders.gov.in). Online Part I – Techno-Commercial Bid and Part II – Price Bid shall be opened through Central Public Procurement Portal (CPPP - https://etenders.gov.in) and applicable transaction charges have to be paid by the firm.
10.	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 ₹ 1,21,640/- should be submitted through NEFT transfer to A/C No - RBI Chandigarh Beneficiary A/c No: 186003001 IFSC: RBIS0CGPA01 (5th and 10th being zero) Note: Kindly mention your name / company name in the NEFT Transaction remarks Or by a demand draft issued by a Scheduled Bank in favour of 'Reserve Bank of India, Chandigarh ' Or in the form of an irrevocable bank guarantee issued by a scheduled 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.
11.	Part-I of the tenders will be submitted by the Tenderers in Central Public Procurement Portal (CPPP - https://etenders.gov.in). The same will be opened by the Bank on September 08, 2026 at 11.00 Hrs. Those tenderers who would like to depute their representatives, may depute their representatives to Estate Department, Chandigarh for the same. Part II of the tender will be opened later. Due intimations will be given for the same only to the eligible vendors.
12.	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.
13.	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.

14.	Mandatory Bidding Requirements: Only OEM or its 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. Moreover, the bidder should have installed at least one fire alarm system from the OEM during last 3 years. The Bidder should have Technical back up on design; installation and commissioning of Fire Alarm and Detection system from the principal, and certificate to this effect from the principals should be submitted. The OEM (/Bidder) shall give a Certificate stating that their system is approved by UL listed & FM approved/ EN54 compliant.
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A Tender submitted by a firm which is found to be not satisfying the above criteria will be liable for rejection.

2.1.2 e-Tender submission:

The e-Tender shall be prepared and submitted online in two parts, viz., Part I and Part II clearly indicating on the covers "Part I – Technical and Commercial" and "Part II – Price bid", respectively. All copies of the e-Tenders should be complete in all respects with all attachments/ enclosures/ annexures and to be uploaded on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>).

2.2 Tenderers are advised to submit e-Tender on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). If applicants desire to submit additional information, they may upload the same on CPP portal on their own letter head/ paper. Each page of the forms shall be signed and uploaded.

2.3 e-Tenders (Part I and Part II) for “Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India’s Main Office Building in Chandigarh” should be submitted only online by 11:00 AM of September 07, 2026.

2.4 a) The e-Tender should be uploaded online within the stipulated time / date.

b) On receipt of intimation from the Bank of the acceptance of his / their e-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 e-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.

c) All compensation or other sums of money payable by the contractor to the Bank under the terms of this Contract may be deducted from his earnest money and the

security deposit if the amount so permits and the Contractor shall, unless such deposit as become otherwise payable, within ten days after such deduction make good in cash the amount so deducted.

2.5 Part I – Technical & Commercial

2.5.1 Part I shall contain the unpriced e-Tender consisting of scope of works as specified and documents and commercial terms and conditions shall be submitted online on Central Public Procurement Portal (CPPP - <https://etenders.gov.in>). Earnest money, however, if submitted through BG / DD then it needs to be deposited in person to AGM, Estate Department, Reserve Bank of India, Central Vista, Sector 17-A, Chandigarh, **on or before September 06, 2026.**

2.5.2 Part I of the e-Tender as submitted shall contain the following:

- a) Power of Attorney/authorisation with the seal of the company/firm in the name of the person signing the e-Tender documents.
- b) List of deviation, if any, in commercial/technical specification.
- c) A letter from the OEM, authorising the bidder to participate in the e-Tender along with a copy of the agreement with the OEM.
- d) **Complete technical details** and any special features proposed for incorporation must be given for full technical evaluation. Supporting documents for the claimed facilities/ features shall also be attached while submitting the technical bid.
- e) The e-Tenderer should have maintenance set-up in Chandigarh tri-city.
- f) Technical data sheet as given under Section VII shall be filled up giving full information.
- g) Other Certificates / Declarations as per Annexures enclosed to be submitted.
- h) Duly filled in and signed copies of client's reports (from two clients in the attached format, for whom similar works is executed) and Banker's certificate to be uploaded in Central Public Procurement Portal (CPPP - <https://etenders.gov.in>).

2.5.3 Tenderers are advised to visit the site of installation and acquaint themselves of the site conditions before Tendering.

2.5.4 The Tenderers are advised to submit the e-Tender based strictly on the General Conditions of the Contract and Technical Specifications contained in the e-Tender documents, and not to stipulate any deviations. If acceptance of the terms and conditions given in the e-Tender documents has any price implications, the same should be considered and included in the quoted price.
Any Tender containing deviation from the terms and conditions is liable for rejection.

All information, correspondence letters shall be addressed to **Regional Director, Reserve Bank of India, Estate Department, Chandigarh.**

2.6 Part II – Price

Part II containing price bid, which must be filled online.

- (a) This part shall contain prices in Indian Rupees only per format (Part II). Change of terms & conditions and technical deviations, if any, found in e-Tender will not be considered and will be treated as null and void.
- (b) No request for any change in rate or conditions after the opening of the part II of the e-Tender will be entertained.
- (c) 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.

2.7 Opening of e- Tender

Part I of the e-Tenders will be opened **on September 08, 2026 at 11:00 hrs.** in the presence of Tenderers. Price bid (Part II) of only those e-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.

2.8 Brief Scope of Work

2.8.1 The scope of work shall include the following.

- Delivery of all equipment, materials for the captioned work to Bank's site at RBI, Chandigarh including insurance, packing, handling, transporting, loading / unloading etc. at site.
- Installation, Testing and Commissioning of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India, Chandigarh and handing over the system to Bank after dismantling and taking away old Intelligent Analogue Addressable Fire Alarm System under buyback, on as is where is basis. It is to be noted that the cabling of existing fire alarm system shall be retained and used during the installation of new fire alarm system to the extent possible.
- Providing all-inclusive regular Inspection, Upkeep and comprehensive maintenance of system inclusive of periodic service etc. under CAMC.

2.8.2 The Tenderer should indicate 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:

2.8.3 The Tenderer shall carefully check the specifications and shall satisfy himself that the equipment offered is suitable as per the Bank's Technical Specifications and shall take full responsibility for the efficient operation of the equipment offered.

2.8.4 Tenderer shall supply all tools, qualified technician and consumables etc as required for installation, testing and commissioning of the system.

2.9 Validity of e-Tender

The e-Tender along with the prices shall remain valid initially for a period of 90 days from the date of opening of Part I of e-Tender, which period may be further

extended by mutual agreement in writing by the Tenderer and the Tenderer shall not cancel or withdraw the e-Tender during this period.

2.11 Lowest e-Tender Not Necessarily to Be Accepted

2.11.1 The Bank is not bound to accept the lowest or any e-Tender or to assign any reason for non-acceptance.

2.11.2 The Tenderers 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 e-Tender.

2.12 Earnest Money, Retention Money, Security Deposit & Security during Defect liability period

2.12.1 All Tenderers shall deposit Earnest Money of **₹ 1,21,640/-** by a NEFT / demand draft drawn in favour of Reserve Bank of India, payable at Chandigarh, from any Scheduled commercial Banks. The Earnest Money Deposit (EMD) is also acceptable in the form of Bank Guarantee in the format provided in the tender. Under no circumstances, Earnest Money Deposit will be accepted in the form of fixed deposit receipts or insurance guarantee or cheque. EMD of the successful bidder will be released on submission of Performance Bank Guarantee of 5% of the contract value as Security deposit (as per para 2.12.4). No interest will be paid on EMD. **EMD of the unsuccessful bidder(s) will be refunded by RBI, Chandigarh after issue of the work order.**

2.12.2 All compensation or other sums of money payable by the Contractor to the Bank 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.

2.12.3 Retention money During Defect Liability Period/ Warranty period:

To ensure due fulfilment of the terms and obligations of the defect liability period, retention money deposit (RMD) equal to 5% of the value of work executed shall be deducted from each RA Bill & final bill of the Contractor.

2.12.4 Performance Bank Guarantee:

in addition to the Retention Money Deposit, on receipt of intimation from the Employer of the acceptance of his / their tender, the successful tenderer shall be bound to implement the contract and **within 14 days** thereof deposit, a **Performance Bank Guarantee (PBG) for an amount of 5% of the contract value** (gross capital cost of equipment only), in prescribed format (see [Annexure IV](#)) or amount equivalent to PBG through online mode (NEFT), or alternative mechanism like withholding of an amount equivalent to PBG amount from vendor's bill, with explicit written consent of vendor, till submission of PBG / completion of contractual obligations may also be considered, including charges

/ interest amount as detailed below in sub-para (a). This PBG will be held for the entire period of currency of contract **till completion of DLP (Defects Liability Period)** for the due fulfilment of the contractual obligations by the contractor. The amount received through online mode / withheld from vendor's, with explicit written consent of the vendor in lieu of PBG shall be parked in Security Deposit Account.

(a) **In case of delays in submission of unavoidable circumstances, charge for delay in submission of Performance Bank Guarantee shall be recovered from the bills of the contractor at Bank rate.**

This total amount (Performance Bank Guarantee + Retention Money) will be termed as Security Deposit. Earnest Money Deposit (EMD) will be released after award of work and on submission of Performance Bank Guarantee (PBG). RBI will release security deposit i.e. Performance Bank Guarantee and Retention Money (PBG +RM) **after completion of one year of the Defects Liability Period and submission of Bank Guarantee for fulfilment of obligations towards CAMC.** The amounts retained by the RBI shall not bear any interest.

This PBG (as mentioned in clause 2.12.4) will be released after submission of Bank Guarantee mentioned in clause 2.12.5 below.

2.12.5 Bank Guarantee for fulfilment of obligations towards CAMC

To ensure due fulfilment of the terms and obligations of the AMC period of total 7 years (after completion of defect liability period) by the contractor, the contractor, prior to the end of defect liability period, shall submit a Bank guarantee as security deposit for an amount equal to 5% of the value of work executed, which shall remain valid till 04 years of AMC period from the day of completion of defect liability period. ***The PBG (as mentioned in clause 2.12.4 above) shall be released only after submission of this Bank Guarantee.*** In case of non-receipt of this BG till 02 weeks prior to the expiry of PBG (at 2.12.4 above), the Bank (RBI Chandigarh) shall have the right to invoke the latter (PBG).

On eve of expiry of 04 years of completion of AMC, the contractor shall submit a fresh BG amounting 50% of the original BG amount before two weeks of expiry of initial BG and shall be valid for next 03 years of AMC period.

2.13 Terms of Payment:

1. The payment for the works to be executed under this contract shall be made as following subject to statutory deductions-
 - a.) 60% of the quoted rates (capital amount) after receipt of the material at site and on submission of the following documents:
 - Manufacturer's Inspection and Test Certificates
 - Contractor's Certificate that all components, parts, sub systems, consumables etc. for successful installation, commissioning and testing of the systems have been received at site in good condition, and if any shortfall is noticed during installation, commissioning and testing they will be supplied free of cost to the Bank.
 - Policies of insurance as per e-Tender conditions.

- b.) Balance 35% of the quoted rates against erection and testing, commissioning and handing over of the entire system remaining 5% will be released after successful completion of defect Liability Period.
2. Retention money of 5% of bill value shall be deducted from each RA bill of the contractor till the total recovery amounts to 5% of value of work executed as security deposit that shall be returned after successful completion of Defect liability period.

2.14 **Taxes:** The prices quoted shall be deemed to have GST taxes. If the Tenderer fails to include such taxes and duties in the e-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.

2.15 **Insurance:**

The contractor should submit Insurance, insuring 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 "Bank" only. The contractor shall deposit the policy and receipts for the premium with the employer within fourteen days from the date of award of work. In default of the contractor, insuring as provided above, the Bank may so ensure the works and may deduct the premium paid from any money due, penalty etc., or which may become due to the Contractor without prejudice to the other rights of the Bank 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 deems fit.

The contractor shall take all insurances at his cost to cover all kinds of risks from the time the equipment/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.
- Workmen compensation policy for the employees of the contractor at site.
- Third party liability policy for a total of Rs.10.00 lakh and with a limit of Rs. 2 lakh per accident.

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.

2.16 Completion Period

2.16.1 Time allowed for carrying out the work, as mentioned in the Memorandum, shall be strictly observed by the Contractor and it **shall be 120 days reckoned from the 14th day** after written order to commence the work is issued.

2.16.2 Liquidated Damages (LD)

Time allowed for carrying out the work is 120 days, as mentioned in the Memorandum, which shall be strictly observed by the Contractor, and it shall be reckoned from the 14th day from the date of award of work. The work shall, throughout the stipulated period of the contract, be proceeded with all due diligence. If the contractor fails to complete the work within this specified period, he shall be liable for liquidated damages @ 0.25% of the cost of work executed per week of delay subject to a maximum of 10% of the contract value (contract value means the total value of capital cost of work, excluding buyback value etc., at which the work is awarded) as defined in "Appendix herein before referred to" of the contract.

The liquidated damages will be levied in following manner:

If the Contractor fails to maintain the required progress of the works by the completion time stipulated in the Contract or within any extended time under time extension Clause and the employer certifies in writing that in her/ his opinion the same ought reasonably to have been completed, the Contractor shall pay the Employer the sum named 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. The projects are broken down in the multiple milestones indicating time and amount for achieving each milestone. In case, the contractor does not achieve a particular milestone(s), if any, mentioned in the Contract or rescheduled milestone(s) in terms of time extension clause, the amount to be calculated based on the targeted financial progress for the milestone and the delay up to the Running Account bill under processing shall be withheld (as per the method given below) to be adjusted against the liquidated damages levied at the time of completion of contract. Withholding of payments on failure to achieve a milestone shall be automatic and without any notice to the Contractor. However, if the Contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make-up for the delay before the subsequent milestone(s), the amount mentioned against each missed milestone shall be withheld. No interest whatsoever shall be paid by the Bank on such withheld amount/s. The delay period shall be calculated from the stipulated date of occurrence of a milestone until the date when the milestone is actually achieved, however, the amount to be withhold from a R.A. bill before reaching to a particular milestone(s) shall be calculated for the delay until the date of R.A. bill. The

application of liquidated damages shall not effect a change in the milestone or release the Contractor of her/ his obligation to improve the progress of work. The contractor hereby specifically agrees and authorizes the Employer to deduct such liquidated damages, if any, from any instalment of payment becoming due and payable to the contractor in terms of this contract or from the retention money.

Specimen Milestone Chart

Milestone	Due date	Milestone Target amount
Project Start	D0	0
1 st	D1	T1
2 nd	D2	T(N-X)
(N-X) th	D(N-X)	T(N-X)
(N-X+1) th	D(N-X+1)	T(N-X+1)
(N-X+2) th	D(N-X+2)	T(N-X+2)
(N-1) th	D(N-1)	T(N-1)
N th	D(N)	T(N)

Say an RA bill received on D(R) is certified for gross amount of R where:

- a) $T(N-X) \leq R < T(N-X+1)$ i.e., Progress reached up to (N-X)th milestone
- b) RA Bill date D(R) is after D(N) i.e. Nth milestone has become due as on RA bill date
- c) Withhold amount for not achieving Nth milestone

$$\mathbf{A(N) = (0.0025/7)*(DR-DN)*(TN-T(N-1))};$$

where T(N-1) will be zero if Nth milestone is the first in the series of delayed milestones.

Gross Withhold amount for current RA bill: The withhold amount shall be calculated as follows:

- a) Withhold amount for milestones achieved with delay till previous RA Bill = P
- b) withhold amount for milestones achieved with delay during current RA bill = Q
- c) withhold amount for milestone due but not achieved till current RA bill. = R

$$P = A(1)+A(2)+.....+A(N-X-1)$$

$$Q = A(N-X)$$

$$R=(0.0025/7)*((D(R)-D(N-X+1))*(T(N-X+1)-T(N-X))+(DR-D(N-X+2))*(T(N-X+2)-T(N-X+1) +.....+(DR-DN))*(T(N)-T(N-1))$$

For project (Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh), N=2 i.e., two milestones as follow:

Milestone	Due date	Milestone Target amount
Project Start	D0	0
1 st	D1= 45 days from the scheduled commencement of work	T1= 60% of contract value
2 nd	D2= 120 days from the scheduled commencement of work	T2= 100% of contract value

- 2.16.3 Bank will provide 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.

2.17 Warranty/ Defects Liability Period.

- 2.17.1 (a) The entire system shall be warranted against any manufacturing/design/ installation defects etc. for a minimum period of one year from the date of virtual completion. During this period any defect observed in the system shall be rectified within 01 day of the observation without any additional cost to the Bank.

(b) During this period, servicing at not less than FOUR servicing or as prescribed by the manufacturer shall be carried out free-of-cost, further attending to ANY NUMBER of breakdown calls as when required with free of cost. Tenderer shall also indicate the service facility they can offer at the place of installation and the telephone number & address of their service centre. The tenderers shall also quote their charges separately for Annual comprehensive maintenance contract after the expiry of the guarantee period as per the scope. This rate for the service contract shall be valid for a period of 7 years after expiry of DLP and payment shall be made on quarterly basis on rendering satisfactory service. The service contract rate shall also take into account all the cost, including travel cost from the nearest service station. This being a Bank's emergency equipment, any fault in the system shall be rectified as per the rectification time given below failing which penalty shall be applied:

(c) **Penalty** for delay in rectification of fault during DLP: This being a Bank's emergency equipment, any fault in the system shall be rectified as per the rectification time given below failing which penalty shall be applied:

	Condition	Rectification time	Penalty
(a)	Any defects resulting in total failure of the system	24 hours	Rs.1500/- per day subject to maximum 25% of the annual CAMC amount
(b)	Any defects in independent devices, components, cables which may not result in total failure of the system	48 hours	Rs.1000/- per day subject to maximum 25% of the annual CAMC amount.
In addition to the above, if the system is not rectified within the period of 3 days, the Bank shall have right to rectify the system at risk and cost of the contractor. The Bank shall have also right to invoke the BG as a penalty for delay in rectifying the system and terminate the contract, if service rendered by the contractor is found to be unsatisfactory.			

(d) Any penalty during the DLP period shall be recovered from any dues payable to the contractor (such as retention money deposit) or invoked from the Bank Guarantee.

2.18. Comprehensive Annual Maintenance Service Contract (CAMSC) after DLP period

The Tenderers shall quote their charges separately for comprehensive annual maintenance service of complete system as per schedule of quantities which will be applicable after one year of defect liability period (DLP). **The rates shall also include the charges for the insurance of the workmen for carrying out the above job and GST for maintenance shall be quoted in respective column in the BOQ.**

The successful Tenderer shall enter into an agreement for comprehensive annual maintenance contract of the system with the Bank conditions and scope of work for which are as under:

- During DLP and CAMC period the system will be inspected and checked by deputing a team competent, trained service engineer(s). The periodicity shall be on a weekly basis by creating a fire / smoke simulation in the loops, general inspection of the panels for faults/ alarms, resetting the panel & generation of fire alarm and handing over of Fire alarm report and panel in good working condition to the bank's security officer/ fire officer.
- Moreover, during the course of this weekly preventive maintenance activity, at least 10 detectors, selected randomly from each of the 05 loops shall be tested and cleaned.

(c) Critical area detectors viz server rooms/ UPS rooms etc should be invariably included and checked during the weekly and quarterly visits. Moreover, all special purpose detectors such as duct probe detectors, beam detectors and PNG leakage detector must be cleaned and tested at least once every quarter.

(d) Suitable service/ breakdown reports indicating faults, rectification done with date & time of breakdown should be maintained and got signed from the fire officer.

(e) The Bank will not provide any assistance in the form of men/ material during the currency of the guarantee and service contract. The tenderers will have to make their own arrangements for deputing a helper to skilled personnel including all necessary spares for carrying out preventive maintenance and rectification of the defects reported/ observed.

(f) The comprehensive Annual Maintenance contract includes, but is not limited to, procurement, including import, and replacement of all components and accessories wherever required, and repair/ replacement of all faulty mechanical/ electrical/ electromagnetic/ electronic parts of fire alarm and any other component needed to ensure the working of fire alarm control panel in the original state in which it is handed over to the Bank.

(g) Spares and consumables are to be used of manufacturers make or approved makes only and shall be approved by Bank's Engineer before usage. Non-availability of spares/ components shall not be accepted as a reason for waiving of penalty towards delay in rendering prompt services. The contractor shall, therefore, also ensure that the required spares etc. for proper maintenance are readily available with them for complete life span of the system.

h) The firm shall arrange for updating/ upgradation of software / licenses of various components as and when required throughout the CAMC period, free of cost without any extra cost to the Bank.

(i) The charges for comprehensive annual maintenance service shall include replacement of any part of the system, including all required spares, consumables etc. during service contract period. Any defects in the system/sub-assemblies, found within the maintenance period, shall be rectified / replaced by the Tenderer without any additional cost to the Bank.

(j) Penalty for deficiency in services during CAMC:

During the comprehensive annual maintenance service period (after DLP period), any fault in the system shall be rectified within 24 hours of receipt of intimation of the defect in the system. The quoted rates shall, therefore, consider all the cost, including travel cost from the nearest service station. The penalty for delay in rectification of defects during CAMC period shall be the same as the penalty during DLP. In addition to the above, the Bank reserves the right to make necessary penal recoveries, on pro rata basis, if the periodicity of preventive maintenance being stipulated at clause 2.18 above is not adhered to by the Contractor. Any penalty during the CAMC shall be recovered from any dues payable to the contractor or invoke from the bank guarantee.

(e) Payment of service charges during comprehensive annual maintenance service (CAMS):

The payment during the CAMS period shall be **made on quarterly basis** on rendering satisfactory service.

(f) The service contract shall be renewed for a further additional period of at least 6 years after DLP of 1 year and the initial annual service contract period of one year. While renewing the contract the new contract amount will be arrived at based on following formula:

$A_c = A_p [(15 + 60 \times (EPI_c/EPI_p) + 25 \times (CPI_c/CPI_p)) / 100]$	
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 commencement date of contract for the current year.
CPI_p	Consumer Price Index for industrial workers (All India average) 6 months prior to commencement date of contract for the previous year.

2.19 Packing and Despatch

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 office building and residential building, Chandigarh.

2.20 Signing of Contract Agreement

2.20.1 The General instructions to the Tenderers and special conditions, conditions hereinbefore referred to Conditions of Contract and Technical Specifications and drawings enclosed with the e-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.

2.20.2 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 e-Tender documents should be signed for his/their having acquainted himself/themselves in the general conditions of contract, Technical Specifications, etc.

- 2.20.3 The e-Tender submitted on behalf of a firm shall be signed by the contractor (in case of individual), all the partners of the partnership firm/directors of the company or a partner/ director who has the necessary authority on behalf of the firm/company to enter into the proposed contract. Otherwise, the e-Tender may be rejected.
- 2.20.4 On receipt of intimation from the Bank of the acceptance of his/their e-Tender, the successful Tenderer shall be bound to implement the Contract and within ten 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 e-Tender in itself will constitute a binding agreement between the Reserve Bank of India and the person so e-Tendering, whether such contract is or is not subsequently executed. The agreement should be on a non-judicial stamp paper of required value as per applicable stamp act and the cost for the same shall be completely borne by the tenderer.
- 2.20.5 The contractor shall not assign the contract. He shall not sublet any portion of the contract except with the written consent of the Bank. In case of breach of these conditions, the Bank may serve a notice in writing on the Contractor rescinding the contract whereupon the security deposit shall stand forfeited to the Bank, without prejudice to his other remedies against the Contractor

2.21 Sufficiency of Schedule of Quantities

2.21.1 The Contractor shall be deemed to have satisfied himself before e-Tendering as to the correctness and sufficiency of his e-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.

2.21.2 The quantities in the schedule of quantities approximately indicate the total extent of work but may vary to any extent and even be omitted thus altering the aggregate value of the contract.

2.22 Language - The e-Tender including all labels in drawings, documents, catalogues etc. shall be in English.

2.23 Right to Accept Part e-Tender - The Bank reserves the right to accept the e-Tender either in whole or in part at the same prices quoted by the Tenderer.

2.24 Evaluation of e-Tender

e-Tenders will be evaluated based on capital cost of the system and considering the effect of comprehensive annual maintenance service charges (CAMC) for 07 years additional one-year DLP and buyback of old equipment. e-Tenders will, therefore, be evaluated based on the total owning cost which will be arrived at as under:

Tendered offers shall be evaluated based on the Net Present Value (NPV) of owning the Intelligent Analogue Addressable Fire Alarm System having 8 years of useful service life. The said Total Cost of Ownership (TCO) shall comprise:

1.	Capital Cost of Intelligent Analogue Addressable Fire Alarm System	Say (A)
2.	Buyback of old Intelligent Analogue Addressable Fire Alarm System	Say(B)
3.	Comprehensive annual maintenance contract for one year after one year of defect liability period.	Say (C)
	NPV of comprehensive annual maintenance Service contract charges for the period of 7 years after 1 year defect liability period shall be calculated assuming 5% increase in contract amount every year after first year of AMC, quarterly payment and with a discount rate of 8%. Thus, the <i>Multiplying Factor (MF) for working out NPV of AMC for 7 years after (1 year guarantee period) shall be 5.63.</i> Note: AMC amount for calculating the NPV shall be taken as quoted in the Part II of the tender	
4.	Total Owning Cost (TCO) of the Intelligent Analogue Addressable Fire Alarm System including one-year DLP and 7 years CAMC with buyback cost of old system.	$D=A-B+(CX5.63)$
5.	The work will be awarded for the lowest value of total cost of ownership as calculated as (D) above.	

Total Cost of Ownership = Capital Cost-Buyback + 5.63*AMC Rate (for first year of CAMC)

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

Minimum Base Rate for Comprehensive AMC

Minimum Base Rate for Comprehensive AMC is 5% (Five percent) of total capital cost. In case, the tenderer quotes the rates for comprehensive AMC lower than 5% (Five) of the quoted capital cost, then the 5% (Five) of the quoted capital cost will be considered as AMC for calculation of Total Cost of Ownership.

Note: Notwithstanding the above, the Bank shall pay only the quoted rate of the AMC during the currency of the committed contract period subject to renewal formulae indicated in the tender.

2.25 Other Issues

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

2.26 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 Bank. Each e-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 totalled in order to show the aggregate value of the entire e-Tender.

2.27 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 Bank does not accept liability for any sum besides the e-Tender amount, subject to such variations as are provided for herein.

2.28 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.

2.29 **Minimum wages to the workmen:** The contractor shall ensure that minimum wages as per statutory requirement are paid to all the workmen.

2.30 **Labour License:** The contractor shall adhere to various provisions of the Contract Labour under 'The OSHWC Code, 2020' if applicable under the said contract, and fulfil all the statutory requirements.

2.31 The successful Tenderer must co-operate with the other contractors appointed by the Bank so that the work shall proceed smoothly with the least possible delay.

2.32 **Pre-Bid Meeting:** e-Tender briefing meeting of the intending Tenderers will be held offline **at 1100 hours on August 21, 2026** in Estate Department, Chandigarh to clarify any point/doubt raised by them in respect of the e-Tender.

No separate communication will be sent for this meeting. All the intending Tenderers are advised to be present and study the e-Tender documents. They may indicate any points/conditions/specifications which need to be clarified during the meeting. These issues will be discussed, and all the Tenderers will be advised suitably. The Tenderers are expected to get all the issues clarified during this meeting and therefore should desist from deviating from the Bank's e-Tender conditions/specifications in their technical (Part I) and Price bids (Part II).

2.33 Drawings and Documents: The successful tenderer shall submit, in duplicate, on receipt of acceptance of the tender, detailed working drawings and specifications showing the complete details of all work required. The tenderer shall be responsible for any discrepancies, errors and omissions in the drawing or particulars submitted by him even if these have been approved by the Bank. The drawings will be scrutinized by the Bank and returned to the tenderer within two weeks of receipt, duly approved or with observations.

2.34 Taxes and subsidies:

2.34.1 The prices quoted for the work shall include GST and other applicable taxes or any other taxes/duties imposed by Central /State Government/ Local Bodies, charges for labour, transport, insurance charges etc till the work is finally handed over to the Bank. If the Bank is required to discharge the liability of any taxes on the transaction like TDS(IT), TDS(GST), Service Tax under reverse mechanism or any other similar taxes, which is or becomes payable by the Bank, the same shall be deducted from the bills of the contractor. 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 and works contract tax/GST etc. whatever applicable will be deducted at source.

2.34.2 The rates quoted for the work shall be firm till handing over of all the systems. No claim in respect of any statutory variations in the existing tax/duties/ imposition of new tax etc. shall be entertained during execution of the work.

2.34.3 Any statutory variations in the existing tax rates/ imposition of new tax applicable the Comprehensive Annual Maintenance Contract shall be adjusted during the AMC period from the date of such variations, subject to submission of documentary evidence for the same along with the claim.

2.35 Import and Export License

2.35.1 Import Licence, 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 licence shall be the sole responsibility of the tenderer.

2.35.2 The Tenderer shall obtain and maintain the necessary license for importing machines into India from the competent authorities and shall pay all costs and fees connected therewith. Failure to obtain and maintain licence shall not be considered as Force Majeure. In case the Tenderer fails to obtain or maintain the licenses, or if the licenses are withdrawn, the tenderer shall restore them

within two months from the date of such cancellation/withdrawal. If the tenderer fails to restore the licence, the Bank shall have the right to cancel the contract in whole or in part and the Tenderer shall forthwith return to the Bank all the amounts paid by the Bank to the Tenderer in respect of the supplies and services cancelled, together with all damages suffered by the Bank. In this regard the decision of the Bank shall be final and binding.

2.36 Inspection of materials/work at site

2.36.1 Before dispatching the equipment to site, the equipment may be inspected by the Bank's Engineer-In-Charge of the project at the manufacturers' works and then cleared for shipment. The contractor shall offer to the inspector, at contractor's cost all reasonable facilities as may be necessary for inspection and satisfying himself, that the equipment is being or have been manufactured in accordance with specifications laid down in the particular specifications attached to this tender document. All the expenditure for Bank's engineer visit and stay shall be borne by the Bank. The Bank's engineer shall inspect the materials at site also after delivery before the same is used in the work.

2.36.2 The Bank's engineer shall have free and full access at any time during execution of the contract to the contractor's works or site in case of the execution of work for the aforesaid purpose, and he may require the contractor to make arrangements for inspection of work or any part thereof or any material at his premises or at any other place specified by the Bank's Engineer and if the contractor has been permitted to employ the service of a sub-contractor, reserve to the Bank's Engineer a similar right.

2.36.3 The above will, however, not in any way absolve the contractor of his responsibility about proper performance of the system/ components after erection and commissioning at the designated place.

2.36.4 The Bank's Engineer shall have the power-

- a) Before any equipment or part thereof are submitted for inspection to certify that they or any portion thereof are not in accordance with the contract owing to adoption of any unsatisfactory method of manufacture.
- b) To reject any equipment or parts submitted as not being in accordance with the specification.
- c) To reject the whole of the equipment tendered for inspection, if after inspection of such portion thereof as he may in his discretion think fit, he is satisfied that the same is unsatisfactory; and
- d) To mark the rejected equipment or parts with a rejection mark so that it may easily be identified if re-submitted.

2.37 **Consequence of rejection:** If on the equipment or a part thereof, being rejected by the Bank's Engineer, the contractor fails to make satisfactory supplies or rectify the faulty work thus executed within the stipulated period of delivery/completion period, the Bank shall be at liberty to:

- i) Allow the contractor to re-submit the equipment or parts in replacement of those rejected, within a time to be specified, the contractor bearing the cost of freight if any, on such replacement without being entitled to any extra payments on that account; or

ii) Purchase/execute or authorise the purchase/execution of quantity/work of the equipment or parts rejected or others of a similar description (when equipment or parts exactly complying with specifications are not, in the opinion of the Bank which shall be final, readily available) to the contractor at his risk and cost and without affecting the contractor's liability as regards supply under the contract; or

iii) Cancel the contract and purchase/execute or authorise the purchase/execution of the equipment or others of a similar description (when equipment or parts exactly complying with specifications are not in the opinion of the Bank, which shall be final, readily available) at the risk and cost of the contractor. In the event of action being taken under such clause (ii) above or this clause, the provision of delivery clause applies as far as applicable.

2.38 **Bank's Engineer's decision as to rejection final:** - The Bank's Engineer's decision as regards the rejection shall be final (in writing) and binding on the contractor subject to contractor's appeal.

2.39 **Land Border Clause:-**

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

In this regard, bidder shall submit a copy of undertaking/Declaration/Certificate on their letterhead duly sealed and signed by the authorized signatory as per the format given in tender.

If the Undertaking/Declaration/Certificate submitted by the bidder is found to be false, work order will be immediately terminated and legal action in accordance with law including forfeiting of Earnest Money Deposit/Security Deposit may be initiated and the Bank may also debar the bidder from participating in the tenders invited by the Bank in future.

Date:

Signature of the firm

Place:

(By a person holding the Authority/Power of attorney)

Section-III

The Conditions Hereinbefore Referred To

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) "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.
- (f) "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.

- (g) "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.
- (h) "The works" Shall mean the Supply, Installation, Testing and Commissioning of Intelligent Analogue Addressable Fire Alarm System at the Bank's Main Office Building in Chandigarh as provided herein.

Word importing persons include firms and corporations. Word importing the singular only also include the plural and vice-versa where the context requires.

Contractor 's Duties

2. Contractor's duties include the following:

- a) Provide and pay for labour, materials and equipment, tools, construction equipment and machinery and other facilities and services necessary for the proper execution and completion of the specified works.
- b) Secure and pay for required permits, statutory workmen's compensation insurance, fees and licenses necessary for proper execution and completion of required work.
- c) Give required notices.
- d) Promptly submit written notice to the Employer of observed variance of this Specification from legal requirements.
- e) Enforce strict discipline and good order among employees. Do not employ persons unskilled in assigned task.

Variations to be approved by Employer

3. 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 it.

Drawings, Schedule of Quantities & Agreement

4. The Contract shall be executed in duplicate, 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 all Drawings and Specifications.

Work sequence

5. The successful Contractor shall include all costs in the tender to complete the works in the time schedule as given by him in the work schedule table. By submitting a tender, the Contractor agrees that they have reviewed the project specifications and drawings, toured the jobsite, and will complete all work within 120 days from 14th day of issue of work order as per the approved schedule. The schedule time frame starts after a notice to proceed, or contract is received from the Employer. The Contractor shall provide a detailed construction schedule, in accordance with the time frame approved as per the work task schedule, prior to award of the project.

Contractor's use of Estate

6. The site of the work is an occupied building. Contractor's use of Estate shall be subject to following: -

- Confine operations at the site to areas permitted by law, ordinances, permits, Specification, and Employer's specific instructions.
- Do not unreasonably encumber the site with materials or equipment. Staging area shall be located as directed by the Employer.
- Assume full responsibility for protection and safekeeping of tools and products stored on or off Estate.
- Move stored products which interfere with operations of building or the operations of other trades.
- Obtain and pay for use of additional storage or work areas needed for operations.

Contractor to provide everything necessary at his cost

7. The Contractor shall provide at his cost, everything necessary for the proper execution of the works according to the intent and meaning of the Drawings, 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 therefrom, and if the Contractor finds any discrepancy in the Drawings or between the Drawings, Schedule of Quantities and Specifications, he shall immediately and in writing refer same to the Employer who shall decide which is to be followed. The Contractor shall provide all works under this specification in full accordance with Health and Safety Regulations.

No disruption to normal office functions

8. This project is Intelligent Analogue Addressable Fire Alarm System installation work in an existing building. It is essential that the Contractor gives special attention and priority to all matters concerning safety, protection from dust and loose materials, reduction of noise levels, protection from water and air infiltration into building, and maintenance of neat and orderly conditions in and around work areas inside and outside

of building. Packaging, scrap materials and demolition debris shall be promptly removed from the building and site on a daily basis.

9. If the contract includes works, which will be disruptive and would be dangerous to building occupants, said works shall be performed during hours as the Employer dictates. Examples of such work include, without limitation, saw cutting of concrete, jack hammering, welding, metal cutting, pouring concrete over occupied portions of the building. The Contractor shall perform such work during Employer dictated hours and shall include all costs in its tender.

10 The Contractor shall keep noise levels below 75 dB during normal building hours. When it is necessary to produce noise above this level, the Contractor shall advise the Employer of such needs and times will be scheduled as directed. The Contractor shall anticipate any excessive noise generating procedures and include an allowance for it in the tender.

Protection of Work and Property

11 The Contractor shall install a suitable protective covering on all finished floors in areas where the works are being performed. No material handling equipment shall be permitted on or over finished floors unless said floors have been protected in a manner approved by the Employer. Any damage to building finishes caused by the Contractor shall be refinished at no additional cost to the Employer. The Contractor shall take photographs of any adjacent finishes that may be damaged during the works for a photographic record.

Authorities, Notices and Patents

12. 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. 20 thereof.

The Contractor shall bring to the attention of the Employer, all notices required by the said Acts, regulations or bye-laws 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.

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.

Setting out of work

13. 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.

Materials and workmanship to conform the descriptions

14. 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.

Contractor's superintendence and representative on the works

15. 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.

Dismissal of Workmen

16. 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.

Access to Works

17. The Employer and their respective representatives shall at all reasonable times have free access to the works and/or the workshops, factories or other places where materials are lying or from which they are being obtained and the Contractor shall give every facility to the Employer and their representatives necessary for inspection and examination and test of the materials and workmanship. No person not authorised by the Employer except the representatives of public authorities shall be allowed on the works at any time.

Assistant Manager (Tech)/ J.E (Elec)

18. The term "Assistant Manager (Tech) / J.E (Elect)" shall mean the person appointed and paid by the Employer to inspect the works, the Contractor shall afford the Assistant Manager (Tech) / J.E (Elect), every facility and assistance for inspecting the works and materials and for checking and measuring time and materials. The Assistant Manager (Tech) / J.E (Elec) 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) / J.E (Elec) or any representative of 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(Tech) / J.E (Elec) 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.

Assignments and Sub-letting

19. The whole of the works included in the Contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or under-let the Contract or any part share thereof or any interest therein without the prior written consent of the Employer, and no undertaking shall relieve the Contractor from the full and entire responsibility of the Contract or from active superintendence of the works during their progress.
20. No alteration, omission or variation shall vitiate this Contract but in case the Employer thinks proper at any time during the progress of the works to make any alterations in or additions to or omissions from the works or any alteration in the kind or quality of the materials to be used therein and shall give notice thereof in writing under his hand to the Contractor, the Contractor shall alter, add to or omit from, as the case may be, in accordance with such notice but the Contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the Contract, Stipulation, Specifications or Contract Drawings without the previous consent in writing of the Employer and the value of such extras, alterations, additions or omissions shall in all cases be determined with the prior approval in writing of the Employer in accordance with the provisions of Clause 24 hereof, and the same shall be added to or deducted from the Contract Amount, as the case may be, accordingly.

Schedule of Quantities

21. 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 24 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.

Sufficiency of Schedule of Quantities

22. 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.

Measurement of Works

23. The Assistant Manager (Tech) / J.E (Elec) 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) / J.E (Elec) in taking such measurements and calculations and to furnish all particulars or to give all assistance required by any of them.

Should the Contractor not attend or neglect or omit to send such Agent, then the measurement taken by the Assistant Manager (Tech) / J.E (Elec) 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.

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

All authorised extra works, omissions and all variations made with the prior approval in writing of the Employer shall be included in such measurements.

24. Prices for extra etc. ascertainment of

- (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 Employer at or before the end of the week following that in which the work has been executed plus 15% towards establishment charges, contractor's overhead and profits.

The measurement and valuation in respect of the Contract shall be completed within the "period of final measurement" stated in the Appendix, or if not stated, then defined in Clause 28 hereof.

The Contractor may, when authorised 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 authorisation or direction. A verbal authority or direction by the Employer shall, if confirmed by him in writing within seven days, be deemed to have been given in writing.

No claim for any extra shall be allowed unless it shall have been executed under provisions of Clause 24 hereof with the concurrence of the Employer as herein mentioned. Any such extra is herein referred to as authorised extra and shall be made in accordance with the following provisions.

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

25. 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.

Removal of improper work

26. 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.

Defects after virtual completion

27. Any defect, shrinkage, settlement or other faults which may appear within the "Defects Liability Period" stated in the Appendix hereto, if none stated, then within 12 months after the virtual completion of the works, 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 and in the event of the amount retained as Security Deposit being insufficient, recover the balance from the Contractor, together with any expenses the Employer may have incurred in connection therewith. Should any defective work have been done or material supplied by any Sub-Contractor employed on the works who has been nominated or approved by the Employer as provided in various clauses hereof, the Contractor shall be liable to make good in the same manner as if such work or material had been done or supplied by the Contractor and been subject to the provisions of this Clause and Clause 2 hereof. 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.

Certificate of virtual completion and Defects Liability Period

28. 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.

Nominated Sub-Contractor

29. All Specialists, Merchants, Tradesman and others executing any work of supplying and fixing any goods, for which prime cost prices or provisional sums are included in the Schedule of Quantities and/or Specifications, who may be nominated or selected by the Employer are hereby declared to be Sub-Contractors employed by the Contractor and are herein referred to as nominated Sub-Contractors.

No nominated Sub-Contractors shall be employed on or in connection with the works against whom the Contractor shall make reasonable objection or (save where the Employer and Contractor shall otherwise agree) who will not enter into Contract providing.

- (a) That the nominated Sub-Contractors shall indemnify the Contractor against the obligation in respect of the Sub-Contractor as the Contractor is under in respect of this Contract.
- (b) That the nominated Sub-Contractor shall indemnify the Contractor against claims in respect of any negligence by the Sub-Contractor, his servants or agents or any misuse by him or them of any scaffolding or other plant, the property of the Contractor or under any Workmen's Compensation Act in force.
- (c) Payment shall be made to the nominated Sub-Contractor within fourteen days provided that all nominated Sub-Contractor's accounts included in previous Certificates have been duly discharged, in default whereof, the Employer may pay the same and deduct the amount thereof from any sums due to the Contractor. The exercise of this power shall not create privity of contract as between Employer and Sub-Contractor.

Other persons employed by Employer

30. The Employer reserves the right to use the Estate and any portions of the site for the execution of any work not included in this Contract, which it may desire to have carried out by other persons, and the Contractor shall allow all reasonable facilities for the execution of such work but shall not be required to provide any plant or materials for the execution of such work. Such work shall be carried out in such manner as not to impede the progress of the works included in the Contract and the Contractor shall not be responsible for any damage or delay which may happen to or occasioned by such work.

Insurance in respect of damage to person and property

31. 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 liability under 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 other structures and works forming the subject matter of this Contract. The contractor shall also be responsible for any damage caused to the buildings and other structures and works forming the subject matter of this Contract by frost, rain, wind 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 of compensation or damages consequent upon such claim. The contractor shall, at his own expense, effect and maintain till issue of the completion certificate under this contract, with an insurance company approved by the Employer, an All Risks Policy for insurance for an amount equal to the amount of the contract including earthquake risk **in the joint names of the Employer and the contractor (the name of the RBI being placed first in the policy) against all risks as per the standard all risk policy for contractors and deposit such policy or policies with the employer before commencing the works.** The Contractor shall reinstate all damage of every sort mentioned in this Clause, so as to do delivery of 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. The Contractor shall also indemnify and keep indemnified the Employer against all claims which may be made against the Employer by any person/ member of the public or other third party in respect of anything which may arise in respect of the works or in consequence thereof and **shall at his own expense arrange to effect and maintain, until the completion of the Contract, with an Insurance company approved by the employer a policy of Insurance in the joint names of the Employer and the Contractor (the name of the former being placed first in the policy) against such risks and deposit such Policy or Policies with the Employer before commencement of the work.** The minimum limit of coverage under the policy shall be as defined elsewhere under General instructions to the tenderer. The Contractor shall also similarly indemnify the Employer against all claims which may be made upon the Employer whether under the **Workmen 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 completion of the Contract, with an Insurance company approved by the employer a policy of Insurance in the joint names of the Employer and the Contractor(the name of the former being placed first in the policy) against such risks and deposit such Policy or Policies with the Employer from time to time during the currency of the Contract.** In default of the contractor ensuring as provided above, the employer may so ensure and may deduct the premiums paid from any money due or which may become due to the contractor.

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, whatever may be the reasons due to which the damage shall have been caused. He shall also indemnify and keep indemnified the Employer in respect of all and any costs, charges or expenses arising out of any claim or proceedings relating to the works and also in respect of any award of compensation or damages, arising therefrom. 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 damage, compensation, costs, charges and other expenses paid by the employer and which are payable by the contractor under this clause. The contractor shall upon settlement by the insurer of any claim made against 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 money 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 payments 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.

- 32 Without prejudice to his liability under this clause, the contractor shall also cause all nominated sub-contractors to effect, for their respective portions of 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 site unless said insurance policies are submitted. In the event of failure, of the sub-contractor to take out such policy or policies of insurance before commencing the works at site, the contractor shall be responsible for any claim or damage attributable to the said sub-contractor.

33. 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 hereinafter contained.

34. 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 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. A Hindrance Register shall be maintained in the department as per Bank’s format and officials from both contractor and Bank shall sign the hindrances as per site conditions.

The liquidated damages will be levied in following manner:

If the Contractor fails to maintain the required progress of the works by the completion time stipulated in the Contract or within any extended time under time extension Clause and the employer certifies in writing that in her/ his opinion the same ought reasonably to have been completed, the Contractor shall pay the Employer the sum named 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. The projects are broken down in the multiple milestones indicating time and amount for achieving each milestone. In case, the contractor does not achieve a particular milestone(s), if any, mentioned in the Contract or rescheduled milestone(s) in terms of time extension clause, the amount to be calculated based on the targeted financial progress for the milestone and the delay up to the Running Account bill under processing shall be withheld (as per the method given below) to be adjusted against the liquidated damages levied at the time of completion of contract. Withholding of payments on failure to achieve a milestone shall be automatic and without any notice to the Contractor. However, if the Contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make-up for the delay before the subsequent milestone(s), the amount mentioned against each missed milestone shall be withheld. No interest whatsoever shall be paid by the Bank on such withheld amount/s. The delay period shall be calculated from the stipulated date of occurrence of a milestone until the date when the milestone is actually achieved, however, the amount to be withhold from a R.A. bill before reaching to a particular milestone(s) shall be calculated for the delay until the date of R.A. bill. The application of liquidated damages shall not effect a change in the milestone or release the Contractor of her/ his obligation to improve the progress of work. The contractor hereby specifically agrees and authorizes the Employer to deduct such liquidated damages, if any, from any instalment of payment becoming due and payable to the contractor in terms of this contract or from the retention money.

Specimen Milestone Chart

Milestone	Due date	Milestone Target amount
Project Start	D0	0
1 st	D1	T1
2 nd	D2	T(N-X)

$(N-X)^{th}$	$D(N-X)$	$T(N-X)$
$(N-X+1)^{th}$	$D(N-X+1)$	$T(N-X+1)$
$(N-X+2)^{th}$	$D(N-X+2)$	$T(N-X+2)$
$(N-1)^{th}$	$D(N-1)$	$T(N-1)$
N^{th}	$D(N)$	$T(N)$

Say an RA bill received on $D(R)$ is certified for gross amount of R where:

- a) $T(N-X) \leq R < T(N-X+1)$ i.e., Progress reached up to $(N-X)^{th}$ milestone
- b) RA Bill date $D(R)$ is after $D(N)$ i.e. N^{th} milestone has become due as on RA bill date
- c) Withhold amount for not achieving N^{th} milestone

$$A(N) = (0.0025/7) * (DR - DN) * (TN - T(N-1));$$

where $T(N-1)$ will be zero if N^{th} milestone is the first in the series of delayed milestones.

Gross Withhold amount for current RA bill: The withhold amount shall be calculated as follows:

- a) Withhold amount for milestones achieved with delay till previous RA Bill = P
- b) withhold amount for milestones achieved with delay during current RA bill = Q
- c) withhold amount for milestone due but not achieved till current RA bill. = R

$$P = A(1) + A(2) + \dots + A(N-X-1)$$

$$Q = A(N-X)$$

$$R = (0.0025/7) * ((D(R) - D(N-X+1)) * (T(N-X+1) - T(N-X)) + (DR - D(N-X+2)) * (T(N-X+2) - T(N-X+1)) + \dots + (DR - DN) * (T(N) - T(N-1)))$$

For project (Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh), $N=2$ i.e., two milestones as follow:

Milestone	Due date	Milestone Target amount
Project Start	D_0	0
1 st	$D_1 = 45$ days from the scheduled commencement of work	$T_1 = 60\%$ of contract value
2 nd	$D_2 = 120$ days from the scheduled commencement of work	$T_2 = 100\%$ of contract value

35. 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 neighbouring 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 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 endeavours to prevent delay and shall do all that may reasonably be required to the satisfaction of the Employer to proceed with work.

Failure by Contractor to comply with Employer's instructions:

36. If the Contractor after receipt of written notice from the Employer requiring compliance within ten days fails to comply with such further drawings/ instructions 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 as a debt or may be deducted by him from any moneys due to the Contractor.

Termination of Contract by the Employer:

37. 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 or 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 fulfil the Contract and to give security therefor, 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 and 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 the 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 Estate or the adjoining lands or roads, and use the same as his own property or may employ the same by means of his own 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 shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other 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 fourteen 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 realised. The Employer shall thereafter ascertain and certify 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 be so certified 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.

Termination of Contract by Contractor:

38. If payment of the amount payable by the Employer under certificate of the Bank's engineer 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.

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 24 hereof.

Certificates and Payments:

39. The Contractor shall be paid by the Employer from time to time by instalments under Interim Certificate to be issued by the Bank's engineer on account of the works executed, work to the approximate value as per clause 2.13 (or less at the reasonable discretion of the Employer) has been executed in accordance with this Contract. 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 paid the balance amount by the employer in accordance with the certificate to be issued by the Bank's engineer. The Contractor shall be entitled to the release of the Bank guarantee towards Security Deposit 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 2 and 27 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 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.

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

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

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

Delayed Payment:

40. Any amounts payable by the Employer to the Contractor if not paid within the "Period for honouring 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.

Matters to be finally determined by Employer:

41. The decision, opinion, direction, Certificate (except for payment), with respect to all or any of the matter under Clauses 2, 9,14,21,23,34, 41 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 42 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.

Settlement of dispute by Arbitration:

42. 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 the completion and whether before or after the determination, abandonment or breach of the contract) shall be referred to and settled by the Employer who shall state its decision in writing. Such decision may be in the form of a final certificate or otherwise. The decision of the Employer with respect to any of the excepted matters shall be final and without appeal as stated in Clause 41 hereof. But if either party be dissatisfied on any matter, except the excepted matter as above, the party 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 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 Chandigarh, INDIA.

Right of technical scrutiny of final bill:

43. 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.

Employer entitled to recover compensation paid to workmen:

44. 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.

Abandonment of Works:

45. If 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.

Return of surplus materials:

46. 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.

Right of Employer to terminate Contract in the event of death of Contractor, if individual

47. 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.

Accident Reports

48. In the event of accidents of any kind, the Contractor shall furnish the Client with copies of all accident reports. The reports shall be sent without delay and at the same time that they are forwarded to any other parties.

Marginal Notes

49. The notes in the box and in the catch lines hereto and in the annexures 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 annexures hereto.

Progress of Work

50. Upon award of work, the Contractor shall submit the bar chart/Gantt's chart for completion schedule within 10 days from the day of issue of work order. Such chart shall include all activities, in Contractor's as well as in Bank's scope, like the date of factory inspection test, date of delivery of material at site, item wise completion of work etc.

51. 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 behaviour 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 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 party 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 failed to disclose any previous transgressions made in respect of the provisions of sub-clause

(i) 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 public health as part of execution of a public procurement contract.

Place:

Date:

Signature of the Tenderer with Seal.

Safety Code

1. The contractor shall provide necessary face masks, gloves and other necessary protective coverings to his workers.
2. First-aid appliances, including adequate supply of sterilized dressings and cotton wool, shall be maintained in a readily accessible place by the Contractors.
3. An injured person shall be taken to a public hospital without loss of time by the Contractor, in cases where the injury necessitates hospitalisation.
4. Suitable and strong scaffolds should be provided for workmen for all works that cannot safely be done from ground.
5. 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.
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 as over-loaded with debris or materials as to render it unsafe.
8. Workers employed on mixing and handling materials (such as asphalt, cement, mortar or concrete, lime mortar, cleaning materials, paints & primer etc.) shall be provided with protective footwear, rubber hand-gloves, etc.
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. All the workers shall wear helmet & safety belts while working at site.
13. Hoisting machines and tackles used in the work, including their attachments, anchorage and supports shall be in perfect condition.
14. 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.
15. This is an occupied premises and access to site will be provided based on convenience of the Bank.

Place:

Signature of Contractor with Seal

Name & Address

Date:

Telephone / Mobile No.

Fire Safety Code

- i. Cutting / drilling machine and other electrically operated equipment used at site shall be plugged into correctly rated electrical outlets.
- ii. Only ISI marked 3-pin plug and other appliances and equipment shall be used.
- iii. Electrical power cables/wires used shall not have any joints and shall be properly rated.
- iv. All electrical appliances i.e. welding, drilling, cutting machine etc. shall be safely and securely earthed to prevent leakage current while in operation.
- v. Two buckets of water and sand shall be kept in an easily accessible area on the site.
- vi. Fire extinguishers recommended shall be kept on the site. Used paint drums shall be stored in specified store only after closing them properly.
- vii. Personal protective equipment 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.
- viii. The safety belt shall be provided by the contractor and used by the workmen while working from height for more than 10 feet from Ground level.
- ix. None of the passages near lift lobby and staircases lobby shall be used for stacking / dumping any kind of materials/waste.
- x. None of the fire extinguishers shall be removed/shifted from its designated location.
- xi. Power supply shall be switched off from the mains when equipment is not in use.
- xii. Any debris generated from the work shall be collected on daily basis, removed from site and stored at the designated place in proper manner.

Place:

Signature of the tenderer:

Date:

Address:

The condition Herein before Referred To

1.	Defects Liability Period	One year from the date of Virtual Completion
2.	Period of Final Measurement	45 days
3.	Date of Commencement	14th day from the date of issue of work order.
4.	Date of Completion	From the date of virtual completion
5.	Rate of liquidated damages for non-completion of work.	0.25 percent per week of cost of work executed delay subject to a maximum of 10% of the accepted tender amount.
6.	Period for honouring certificates	One month for interim bills and 45 days for final bill.
7.	Interest for delayed payment	@ of Provident Fund

Place:

Seal & signature of Contractor

Date:

SECTION-IV
Commercial Check List

S.N.	Description	Bank's terms	Whether acceptable to the tenderer (indicate YES or NO)
1.	Validity	90 days from the date of opening Part I.	
2.	EMD	₹1,21,640/-	
3.	Prices	Shall remain fixed for the entire period of contract.	
4.	Completion period	120 days from 14th day of the date of issue of work order.	
5.	Liquidated damages for delay in completion of work	As per Section II Para 2.16.2	
6	Defect liability period	12 months from the date of virtual completion	
7	Terms of payment	As per Section II Para 2.13	
8	Insurance	As per Section II Para 2.15	
9	Site visit	The vendor shall visit the site before quoting their rates. No extra charges will be given after the opening price bid.	
10	Performance Bank guarantee	As per Section II Para 2.12.4	
11	Retention Money	As per Section II Para 2.12.3	

Part II should not contain any terms and conditions but only priced for bill of quantity. Terms and conditions, if any, incorporated in Part II, will not be valid or considered.

Place / Date

Seal & Signature of Contractor

Section V

System Requirement & Special Conditions

1. During pre-bid meeting, all the bidders must compulsorily visit the site proposed for the captioned work and quote the rates so as to understand the exact requirement of FACP.
2. Rates should be inclusive of minor civil works necessary to accomplish the task including making hole, grouting using Dash Fasteners and other minor works not specifically mentioned but are compulsory for completing the work.
3. The work should be carried out in such a manner so as to create minimum hindrance and trouble to existing ongoing operation and without hampering the Banks fire and safety emergency.
4. Successful firms 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.
5. 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.
6. Supplier shall submit the performance test report / result for the supplied equipment before installation and commissioning.
7. 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.
8. The workmen will not be allowed to stay within the premises.
9. The water required for workmen can be availed from the available source at site free of cost.
10. The electric power required for the work can also be similarly drawn from the supply available at site free of cost.
11. Permission, if any, required from the local bodies shall be obtained by the Contractor.
12. The intending Tenderer can obtain any clarifications regarding the Tender drawings, specifications etc. from the department on any Bank's working day.
13. 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 office occupants and also day-to-day cleaning has to be done by the contractor. The wall/slab/column should be cut by chase-cutter only.
14. 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.
15. 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.

16. 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.
17. All dismantling work and work generating noise shall be done during the daytime and holidays and daytime work shall have to be done on restricted hours. Contractor has to made availability of supply during the Evening & night-time. Contractor shall take into account the above facts while quoting the rates.
18. 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.
19. The contractor shall depute a qualified supervisor during the execution of the work. No work shall be carried out at site in unsupervised manner. Work to be carried out as per working hours as specified in NIT.
20. The Contractor shall get the Police verification done of all its workmen to be deployed for carrying out the work at site, within 21 days of award of work. The Bank shall, under no circumstances, permit entry of Contractor's representative without this police verification. Moreover, the Contractor shall be solely responsible for any delay arising on this ground.

Place:-

Date:-

Seal & Signature of the Tenderer.

Section VI

Technical Specifications & Scope of Work

6.0 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 Chandigarh. 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 existing wiring/cabling will be utilized for installing detectors and devices on every floor of the building. Cabling wherever required for installation of new loops and/ or extra devices at any place within the premises as advised by Bank's Engineer shall be carried out.)**

The fire alarm system shall strictly comply with the requirements of IS 2189 (Latest Revision), NFPA Standard No. 72, the National Building Code of India (NBC 2016), and applicable local Fire Safety Rules/ Acts (Delhi Fire Prevention and Safety Act and Rules as applicable to UT, Chandigarh), except as modified and supplemented by this specification.

The system shall be supervised either electrically or by software-directed polling of field devices. A single ground or open fault on any system signalling line circuit (SLC), initiating device circuit, or notification appliance circuit shall not cause system malfunction, loss of operating power, or prevent the reporting of an alarm on other circuits.

The addressable fire alarm system shall cover all the areas viz., B+G+5 of Main Building and B+G of 2 blocks of Annex Buildings.

- 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 UL864 listed and FM approved/ EN54 compliant 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/EN 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.

- Four numbers of Repeater Panels shall be provided at various locations in the office premises for parallel annunciation of the fire alarm system status. This will have direct connection with the FACP. The display of fire situation shall also be repeated /displayed in the repeater panel installed at various locations.
- In addition, programmable relay controls for controlling 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 activates 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.

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

UL – Underwriters Laboratories Inc.

EN 54 - European Standards

IS 2189 – Indian Standard 4th Revision

6.1 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 Chandigarh 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 by **replacing the existing Fire Alarm Panel(s), other devices but retaining existing loop cabling.**

6.2 Basic Performance & Functional Operation of Fire Alarm System

6.2.1 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 signalling 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.

6.2.2 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.

6.2.3 General Technical Requirements

1. 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.

2. The Bank 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.

3. 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.

6.3 Fire Detection & Fire Alarm Control Panel

General

1. The Panel shall be UL 864 latest edition & FM approved/ EN 54 compliant 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. In the event of CPU failure, all signaling loop circuit (SLC), modules shall fall back to degrade mode. Such degrade mode shall treat the corresponding SLC Loop Control Module and associated detection devices as conventional two wire operation. Any activation of a detector in this mode shall automatically activate associated notification appliance circuits.

6.3.1 Fire Alarm Control Panel (FACP)

In the event of fire alarm but not in a fault condition, the exact location shall be shown on the Main Fire alarm Panel. Local sounder should sound automatically. Complete information shall be printed with time and date of occurrence. Air Handling Units (AHUs) on the effected zones shall be automatically switched off and respective fire dampers should be closed. The panel shall have an extra loop card to serve as standby in case of burn out or malfunctioning of any operating loop cards. The panel shall be totally enclosed, dust and vermin proof. 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 any manual intervention and 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. However, till the main CPU is replaced with the spare standby

CPU, all signaling loop circuit (SLC), modules shall fall back to degrade mode. Such degrade mode shall treat the corresponding SLC Loop Control Module and associated detection devices as conventional two wire operation. Any activation of a detector in this mode shall automatically activate associated notification appliance in the circuits. **Providing a standby CPU (whether in online mode/ hot swappable offline mode is a mandatory requirement).**

Fire Alarm panel shall be a 5-loop (expandable up to 10 loops) panel, and all the loop cards should be of same size with a minimum capacity of 225 devices (including 150 detectors/ initiating devices). It shall have a backlit minimum 640-character liquid crystal/ LED display or touch screen, individual, color coded system status LEDs, and alphanumeric 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 5000 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 5000-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.

Integration with Public Addressing (PA) system: The system should be provided with necessary controls & wiring to activate third party **Public Addressing (PA) system** in the event of confirmed detection of fire/smoke inside the Bank building.

6.3.2 Power Supply

a) The control panel shall drive from addressable 230 Volts AC/ 24 Volts DC from main power supply. In case of failure of main power supply, the panel shall be automatically switched over to standby power supply i.e. battery. The standby battery as secondary supply shall be such that when charged by associated battery charging equipment it can operate independently for a period of 24 hours for normal working operation and capable of operating the system for 2 hours during an emergency condition or as per manufacturer standard. Batteries shall be of Lead Acid type sealed Maintenance free.

b) In addition to the batteries, a battery charger suitable for operation on the auxiliary power available in the plant as specified above. The capacity of the charger shall be such that the same can charge the battery (within 8 hrs) while supplying the rated load of the fire detection system. Facilities shall be provided to limit the voltage supplied to fire detection and alarm system to their rated values during the time of charging. The charger shall normally supply the battery trickle charging current and the DC load of the fire detection and alarm system. In case the AC supply on the input side of the charger fails the necessary power for the complete fire detection and alarm system shall be supplied by the battery.

c) Visible and audible annunciation for troubles or failure in the power supply system like "charger Failure", "Battery Low Voltage", etc. shall be provided.

d) Battery earth/ fault indication/ annunciation shall be included in the panel.

6.3.3 Repeater panel

A repeater panel where provided shall duplicate the alarm indications (audio as well as visual) of the C&I Panel. The fire alarm system shall be provided with four (4 nos.) remote monitoring/ repeater panels 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.

The Repeater Panel shall be with minimum suitable display or touchscreen 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/EN 54 Listed.

The Repeater Panel shall be capable of a wiring distance of up to 3300 feet from the main control panel using recommended cables. It shall have functional keys like Acknowledge, Signal Silence, System Reset, Lamp Test etc.

Repeater Panel shall be installed at the following locations-

- (i) Security Officer's cabin (1st floor)
- (ii) CCTV console room (1st floor)
- (iii) Security Officer's cabin (Banking Hall)
- (iv) ITBP Command Room (Ground floor)

6.4 Fire Alarm System Devices

1. Each device shall be UL 864 latest edition listed & FM approved/ EN 54 compliant.
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 225. 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 or automatic address.

6.4.1 Initiation Devices

6.4.1.1 Addressable 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/ EN 54 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 or/ and smoke alarm mode.

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). Alternatively, the detector can have minimum 7 sensitivity levels to select from manually, during installation and/ or at a later stage.

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.

6.4.1.2 Addressable Photo Electric Smoke Detector

The optical smoke detector is based on Light Scattering principle. 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 sqm. 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 sensitivity of Detector shall be adjusted and set by the contractor to suit the site requirement. 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/ EN 54 standards.

6.4.1.3 Addressable Heat Detectors

Heat detectors shall be an Addressable Detector with its own manually/ electronically set digital code and shall be able to give a single digitized output to the Fire Alarm Panel regarding its condition. It shall combine fixed-temperature sensing elements (rated at 135°F / 57.2°C) and rate-of-rise thermal elements tracking abnormal temperature increases exceeding 15°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 operational voltage shall span 15-29V 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 sqm. The detector shall be capable of being reset after any alarm condition.

6.4.1.4 Addressable Manual Call Point

Manual Call Point shall be of the dual action pull type 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 call points shall be of Addressable Double Action type and will comprise of an electronic circuit built into it to provide addressing capability.

The unit shall be made out of polycarbonate ABS blend with flame retardant & self-extinguishing properties or cast aluminum or ASA plastic or as per manufacturer design and applicable standards. 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 52 for indoors and IP 65 for outdoor applications.

6.4.1.5 Intelligent Duct Smoke Detectors

Designed to continuously sample return airflow paths of functional Air Handling Units (AHUs). The smoke detectors housing shall accommodate either an intelligent ionization detector or an intelligent photo electric detector of that provides continuous analogue monitoring and alarm verification from the panel through a control module in the loop system.

When sufficient smoke is sensed in the return air coming to AHU (Detector unit has to be installed in return air path) an alarm signal is initiated at FACP to close the fire damper and/ or shut down the AHU to prevent the rapid distribution of toxic smoke and fire gases throughout the areas served by duct system.

6.4.1.6 Addressable Linear Beam Detectors

Beam detector shall be microprocessor-controlled addressable linear optical beam smoke detectors utilizing end-to-end (separate transmitter and receiver at either ends) or reflective assemblies (Transmitter and receiver are mounted in the same housing, and the beam is directed at a specially designed reflector, mounted at the opposite end of the protected area) spanning ranges from 9m to over 50m. The change in the strength of the received signal shall be used to determine the alarm condition.

It shall incorporate automatic drift compensation, whereby the detector will adjust its detection thresholds in line with any long-term signal reduction of the beam caused by contamination of the optical surfaces.

The beam detector shall provide different alert for Fault and Fire conditions.

The sensitivity of the detector can be set to between 25% and 50% obscuration, providing application flexibility to suit the environment in which the detector will be installed. In addition to four fixed value alarm thresholds, there shall be two variable thresholds that automatically compensate for changes in the environment which could otherwise result in unwanted alarms while remaining within a known sensitivity range.

The detector shall be adjustable up to 10 degrees vertically and horizontally for alignment. Where greater angular adjustment is required, the multi-mount accessory will be provided.

6.4.1.7 Addressable Flammable PNG Detectors

The PNG gas detector shall be designed to sense the leak of PNG flammable gas. It shall be connected to the fire alarm panel by use monitor modules and shall be UL/EN Listed.

The scale, range, calibration, relay operation and alarm set points of the detector shall all be adjusted via the transmitters' backlit LCD/ LED. The detector shall be mountable on a wall or round support pole using universal brackets.

6.4.2 Notification Devices

6.4.2.1 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 listed & FM approved/ EN 54 compliant. Strobe cum Alarm hooters shall be wired as a primary signalling 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 horn on horn/strobe shall operate on a non-coded power supply.

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.

In case of separately powered Hooters, the status of the power supply at each strobe cum hooter level should be monitored continuously and in case of any power interruption it should initiate alarm / alert at FACP and repeater panels.

6.4.3 Modules

6.4.3.1 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.

6.4.3.2 Control/ Relay 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 equipment 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.

6.4.3.3 Isolator Module/ 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.

While it is preferable that the devices of fire alarm system being installed have inbuilt fault isolation mechanism, in case fault isolator module is not built within smoke/heat detectors, cost of providing the fault isolator module after 10 devices shall be included in the rates quoted for the smoke detectors. No extra payment shall be made towards this item. **Fault isolation shall be provided for each detector / device.**

6.5 Networked Graphic Control Software (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 14th Generation, Hybrid Storage (500 GB SSD + 2 TB HDD @ 10k RPM); min. 4 GB Dedicated Graphics Card; Ethernet card; PCI slot; 3 nos. RS-232/485 COM Ports; Gigabit Ethernet port; Sound card; Load device: DVD-RW; minimum 32" flat screen LED Monitor; Preloaded Windows 11 or higher, if recommended by the OEM, Antivirus, Colour Laserjet printer, speakers.

The NCS shall be capable of capturing minimum 5000 detector / device points. The NCS shall be capable of storing network 1,00,000 events in a history file. Events shall be stored on hard disk and shall be capable of back-up storage to a tape 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 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 software 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

6.6 Installation, Testing & Commissioning of Fire Alarm System

6.6.1 Detailed Technical Specifications for installation:

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

6.6.1.1 Detector Spacing:

- (a) The listed spacing between the detectors (considering height of roof 3mtr) is - Below flat ceiling 7 mtr for Smoke detectors and 5.3 mtr for heat detectors.
- (b) The clearance between the detector and the wall is 0.5 times of the spacing between the detectors.
- (c) The clearance of any corner of the room to the nearest detector is 0.7 times the spacing between the detectors.
- (d) 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.
- (e) Detectors shall not be mounted within 1 mtr of any air inlet (supply air inlets of HVAC system) or a forced ventilation system.

- (f) 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.
- (g) 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.
- (h) 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.
- (i) Detector siting shall be such that a clear space of 500 mm is maintained below each detector.
- (j) 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.
- (k) All stair wells, lift shafts, other utility shafts, etc. shall have a detector at the top. Lift machine rooms shall be provided with detector.
- (l) The detector shall also be provided in cable tunnels, ducts, false floors, AC & AHU room, long AC return ducts.
- (m) 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.

6.6.1.2 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.

6.6.1.3 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.

6.6.1.4 Cabling

- (a) All cables to be laid on wall, ceiling and on the hangers wherever necessary and as directed by Bank's Engineer with required hardware. The cables shall be RED coloured FRLS, twisted armoured 1.5 sq mm multistranded insulated, copper conductor cables, conforming to IS:1554 and shall be of specified make. All the cables shall be properly terminated and labelled.
- (b) 1.5 sq mm multistranded insulated, copper conductor cables, conforming to IS:1554 and shall be of specified make. All the cables shall be properly terminated and labelled.
- (c) The type of connecting cable and their sizes shall be as per the recommendation of the manufacturer of the Fire Alarm Control Panel.
- (d) Based on the above specification multi strand FRLS armoured copper cable shall be used for this application.

6.6.2 General Instructions for Installation of Fire Alarm System

- (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 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 cables, conduits, junction boxes, supports and hangers shall be concealed in finished areas and may be exposed in unfinished areas as per Bank's direction.
- (vi) **Safely 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, not more than 48 inches above the finished floor.

(x) Working hours to replace old detector / devices by new one for each floor and car parking area at basement will be beyond office hours (i.e., 7 PM to 10 PM) on all working days and 10 AM to 10 PM for all Saturday / Sunday / Bank's holidays. In the said working hours, required new cabling works and installation of new detector / devices will also be carried out. **Before submission of tender, tenderer 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.

(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.**

(xiii) **Loop Length & No. of Devices in a Loop:** 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.

(xiv) The installation, testing and maintenance of the fire alarm system shall be in accordance with the following applicable codes, standards and regulatory bodies:

- (a) NFPA 101: Life Safety Code.
- (b) IS-2189
- (c) NFPA 70: National Electrical Code (NEC).
- (d) NFPA 72
- (e) Requirements of the local Authorities Having Jurisdiction (AHJ)

6.6.3 Testing of the system

The commissioning and acceptance tests shall be apart from the standard or routine tests prescribed and normally conducted by the manufacturer /Design-Build Contractor and will be irrespective of the fact whether the same are covered by such tests or not. All commissioning tests at site will be in line with NFPA 71 and 72. Each sounder circuit shall be energized separately, and the sound level reading taken to check for conformity with the minimum standards.

- Mains failure performance.
- Battery disconnection test.
- Open circuit of each sounder circuit to be tested.
- Short circuit of each sounder circuit to be tested.

The results of the above tests either by fault warning or fire alarm shall be recorded in the logbooks which will be signed both by the Contractor and the employer's Representative.

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 signalling 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 signalling line circuits and verify response of trouble signals.
- (vii) Ground notification appliance circuits and verify response of trouble signals.
- (viii) Check alert tone and pre-recorded voice message if any to all alarm notification devices.
- (ix) Check installation, supervision, and operation of all intelligent smoke detectors using walk in 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.
- (xii) Vendor should check PNG detectors by initiating the device with the help of PNG

6.6.4 Final Inspection

The final inspection of entire fire alarm system installed by the Contractor for healthy installation & commissioning of the same shall be made by a well-trained OEM's authorized technicians & a certificate shall be issued & submitted by the OEM. 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 before hand over of the system.

6.7 Documentation & Instructions

- (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 layouts, 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) Four copies of the above documents in book form well bound should be submitted.
- (vi) 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.

- (vii) The contractor and/or the systems manufacturer's representatives shall provide a typewritten "Sequence of Operation."

6.8 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.

6.9 Applicable Approvals, Codes & Standards:

All the Fire Alarm system equipment shall have proper listing and/or approvals and shall comply to the requirements of the IS 2189 – Indian Standard 4th Revision and one of the following recognized agencies.

- (i) UL – Underwriters Laboratories Inc.
- (ii) EN 54 - European Standards
- (iii) Equivalent Indian standard

Standards to be followed

The above system shall follow the following standards:

NFPA 318 (Standards on Critical Area and Clean room applications)
NFPA 76 (Protection of Electronic Computer/ Data Processing)
NFPA 72 (Standards on Fire detection)
NFPA 2001 (Standards on Gas Suppression)
NFPA 101 (Standards on Life Saving)
Delhi Fire Prevention and Safety Act and Rules as applicable to UT, Chandigarh
IS-2189
NFPA 70: National Electrical Code (NEC)
Requirements of the local Authorities Having Jurisdiction
NFPA-75 Standard for the Protection of Information Technology Equipment
1. UL 50 Cabinets and Boxes
2. UL 268 Smoke Detectors for Fire Protective Signalling Systems
3. UL 864 9th edition Control Units for Fire Protective Signalling Systems
4. UL 268A Smoke Detectors for Duct Applications
5. UL 521 Thermal Detectors for Fire Protective Signalling Systems
6. UL 228 Door Closers-Holders for Fire Protective Signalling Systems
7. UL 464 Audible Signalling Appliances
8. UL 38 Manually Activated Signalling Boxes
9. UL 346 Water flow Indicators for Fire Protective Signalling Systems
10. UL 1481 Power Supplies for Fire Protective Signalling Systems

11. UL 1076 Proprietary Burglar Alarm Units and Systems
12. UL 1971 Visual Notification Appliances
National Building code (NBC) – 2016
All the equipment's shall be tested, approved, and/or listed by: a. LPCB (Loss Prevention Certification Board), UK b. UL (Underwriters Laboratories Inc.), US c. ULC (Underwriters Laboratories Canada), Canada d. Factory Mutual Systems (FM) Publications e. Factory mutual Approval Guide f. National electrical manufacturers association (NEMA) Enclosures for Industrial Controls and Systems g. ANSI A17.1 Safety code for Elevators and Escalators h. NFPA-75 Standard for the Protection of Information Technology Equipment i. NFPA-76 Standard for the Protection of Telecommunication

6.10 List of approved makes.

Sr. No.	Item Description	Approved Makes
1	Fire Equipment (UL listed, FM approved/ EN54 compliant): Control Nodes (Fire Alarm Control Panel, repeater panel, software, etc.), Initiation devices (Smoke and thermal Detectors, Manual Call Points); Notification devices (hooter cum strobes, etc.), Control / Relay Modules	• Siemens Desigo; • Honeywell Notifier; • Johnson Controls Simplex; • Edwards; • Bosch Avenar • Or its equivalent Note- equivalent make to be approved by Bank.
2	Cable	Polycab/ Havells/ KEI/ Finolex/ equivalent, approved by the Bank
3	Computer/ PC	HP/ Dell/ Lenovo/ Asus/ equivalent, approved by the Bank
4	Printer	HP/ Epson/ Canon/ Brother/ equivalent, approved by the Bank
5	Cable glands & lugs	Dowells/ Braco/ Comet/ equivalent, approved by the Bank
6	GI Conduit	AKG/ BEC/ SAIL/ Tata/ Jindal

The tenderers have to supply the technical literature / catalogue 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 during the last 3 years. The details of such installation to be furnished.

6.11 List of fire alarm system detectors & devices (loop wise)

Loop	Floor	Multi Criteria Detector	Heat Detector	Manual Call Point	Early Initiation Device	Duct Probe Detector	PNG Leakage Detector	Hooter cum Strobe	Control/ Relay Module
1	6th	5	0	0	0	0	0	0	0
1	5th	43	0	4	0	2	0	4	3
1	4th	43	0	4	1	2	0	4	3
2	3rd	43	0	4	4	2	0	4	3
2	2nd	43	0	4	1	2	0	4	3
2	1st (non-Cash)	36	0	3	1	2	0	3	3
3	1st (Cash)	17	0	2	0	0	0	2	0
3	G (Cash + Issue + ITBP)	70	0	4	1	4	0	5	4
4	G (Non-Cash)	90	10	8	5	1	2	8	2
5	B (Cash)	60	0	8	0	2	0	6	3
5	B (Non-Cash)	35	0	4	0	0	0	5	1
	Total	485	10	45	13	17	2	45	25

Note: The above list of FAS loops, detectors & devices is indicative in nature and is liable to be changed at the time of execution for meeting the Bank's operational requirement/ technical requirements of the system.

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

Place / Date

Seal & Signature of Contractor

SECTION-VII
Schedule of Technical Information

(To be furnished by the bidder with Part-I of the tender)

S. No.	Item	Offered Make	Offered Model
1	Fire Alarm Control Panel		
2	Networked Graphic Control Station		
3	Repeater Panel (Active)		
4	Heat Detector		
5	Multicriteria detector inbuilt Fault isolator		
6	Manual Call Point		
7	Early warning detector		
8	Beam detector		
9	Duct probe detector		
10	Hooter cum strobe lights		
11	Control Module		
12	Response Indicator		
13	Computer (including peripherals)		
14	Printer		
15	Monitor Module		
16	Fire Alarm Cable		
17	GI conduits		

Sr. No.	Technical Specifications	Bank's Requirements	Bidder's Compliance
7.1	Fire Alarm Control Panel		
7.1.1	No. of loops in panel	5	
7.1.2	Provision for future expansion of loops	Up to 10	
7.1.3	Provision to interconnect with Fire Fighting System	Required	
7.1.4	Total No. of devices connectable per loop	Min. 225	
7.1.5	Total No. of detectors connectable per loop	Min. 150	
7.1.6	Maximum loop Length (1.5 sq. mm twisted wire) supported	5,280 feet	
7.1.7	Provision of degrade mode	Required	
7.1.8	Redundant CPU to take over the functions of main CPU in the event of failure of main CPU	Required	
7.1.9	Complete system scanning time	3 sec.	
7.1.10	Display size	Minimum 640-character LCD/ min. 6-inch touch screen display	

7.1.11	Field programming	Through Built in Keypad on the panel	
7.1.12	2-level Password for master & user and availability of up to 6 user passwords	Required	
7.1.13	Event History	5,000 Events history file and 1000 event Alarm History buffer	
7.1.14	Provision of Digital Voice Command (DVC) and firefighters telephone communication system.	Provision should be there	
7.1.15	Adjustable Alarm Sensitivity Level	Required	
7.1.16	Windows based Upload & Download programming Utility	Required	
7.1.17	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.1.18	Power supply	Addressable	
7.1.19	Whether battery sufficient to power the fire alarm system for not less than 2 hours in alarm condition and 24 hours in normal condition?	Required	
7.1.20	Whether battery charger is capable of charging the battery within 8 hrs while supplying the rated load of the fire detection system?	Required	
7.1.21	SMF battery details (Nos., Voltage, Ah capacity)	To be furnished	
7.1.22	Whether visible and audible annunciations provided for troubles or failure in the power supply system like "charger Failure", "Battery Low Voltage", etc.?	Required	
7.2	Networked Graphic Control Station		
7.2.1	Processor	Intel Core i7 (14th Gen) or higher with clock speed of 3 GHz or higher	
7.2.2	RAM	Minimum 32 GB	
7.2.3	Storage	1 TB, 10000 RPM hard disk & 500 GB SSD	
7.2.4	Ethernet port	1 Gbps with ethernet card	
7.2.5	Mouse	Optical mouse	

7.2.6	Keyboard	Multimedia keyboard	
7.2.7	Graphics Card	4 GB NVIDIA dedicated graphics card or better if recommended by the OEM	
7.2.8	Display	32" flat screen LED display	
7.2.9	Printer	LaserJet coloured printer	
7.2.10	Operating system	Licensed Windows 11 pro	
7.2.11	Graphical annunciations and control of all network activity	Required	
7.2.12	Whether NCS is capable of capturing minimum 5000 IBMS (access control, Fire, HVAC etc) points?	Required	
7.2.13	Whether events being stored on internal storage can be backed up/ transferred to an external storage media?	Required	
7.2.14	Whether capable of monitoring, reset, bypass and control of all field devices over clear, logically arranged and self-explanatory graphics including floor plans and icons, allowing to respond to Alarm condition in real time and event handling directly from the screen?	Required	
7.2.15	Provision to Monitor 2-way communication from main control room using voice signals over Fire Network along with the Fire detection signal.	Required	
7.2.16	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.	Required	
7.2.17	Validity of operating system, antivirus software licenses up to CAMC period.	Required	
7.3	Repeater Panel		
7.3.1	Mimic all events and Notification from the Panel	Required	
7.3.2	Functional keys	Acknowledge, Signal Silence, System Reset, Lamp Test etc.	

7.3.3	LCD/ Touch display	Required	
7.3.4	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.4	Intelligent Multi Criteria Detector	Required	
7.4.1	Whether the intelligent multi criteria detector shall be capable of operation in heat or/and smoke alarm mode?	Required	
7.4.2	Sensitivity: floating or manually adjustable?	Required	
7.4.3	No. of adjustable sensitivity levels in case of manually adjustable sensitivity (Bank's requirement: min. 7)	Required	
7.4.4	Provision of LED indicator, with 360 deg. Visibility from below, to indicate the healthiness/ trouble/ alarm condition of the detector	Required	
7.4.5	Whether the detector has inbuilt fault isolation mechanism?	Required	
7.4.6	If inbuilt fault isolation not provided inside detector, whether the bidder agrees to provide fault isolator modules after not more than 10 devices, at no extra cost to the Bank?	Required	
7.4.7	Does the detector have in-built automatic drift compensation?	Required	
7.4.8	Is the detector capable of detecting both smouldering fire and open fire?	Required	
7.4.9	Type of addressing: Electronic/ Key based?	Required	
7.5	Addressable Heat Detector		
7.5.1	Does the detector have a fixed temperature sensing element rated at 135 deg. F?	Required	
7.5.2	Does the detector have a rate of rise thermal element sensing temperature increases exceeding 15 deg. F/min?	Required	
7.5.3	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.5.4	Whether the detector has inbuilt fault isolation mechanism?	Required	
7.5.5	Type of addressing: Electronic/ Key based?	Required	
7.6	Addressable Beam Detector		

7.6.1	Type of beam detector: end-to-end (separate transmitter and receiver at either ends) or (separate transmitter and receiver at either ends) or reflective assemblies (Transmitter and receiver are mounted in the same housing, and the beam is directed at a specially designed reflector, mounted at the opposite end of the protected area)	Required	
7.6.2	Range of beam detector: 9 mtr to 50 mtr.	Required	
7.6.3	Sensitivity adjustment between 25% and 50% obscuration for providing application flexibility to suit the environment in which the detector will be installed.	Required	
7.6.4	Does the detector have in-built automatic drift compensation?	Required	
7.6.5	Adjustability of the beam detector up to 10 degrees vertically and horizontally for alignment and with multi-mount accessory if greater angular adjustment is required.	Required	
7.6.6	Addressing: inbuilt/ external?	Required	
7.6.7	Isolation mechanism: Inbuilt/ external?	Required	
7.6.8	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.7	Addressable Manual call Point		
7.7.1	Type of MCP	Dual action pull type	
7.7.2	Type of addressing: inbuilt electronic/ key based	Required	
7.7.3	Fault isolation: inbuilt fault isolator. (MCPs without Inbuilt Isolators may be considered with an additional Isolator module at an interval of not more than 10 detector / devices at no extra cost to the Bank.	Required	
7.7.4	The MCP shall have a LED capable of providing local indication.	Required	
7.7.5	Ingress protection rating: IP52 for indoor applications & IP65 for outdoors applications.	Required	
7.7.6	Reset mechanism	Key operated	
7.7.7	Manual fire alarm boxes shall be constructed of Lexan/ABS with clearly visible operating instructions provided on the cover. The word FIRE shall appear on the front of the stations in raised letters.	Required	

7.8	Hooter cum Strobe		
7.8.1	Type of hooter cum strobe: loop powered/ separately powered	Required	
7.8.1	In case of separately powered sounders, cost of the power cable, Supervised Power Supply and Interface Module shall be inclusive in the cost of sounders itself and shall not be paid separately.	Required	
7.8.2	The power supply of such sounders shall be fed from main Fire Alarm Panel only.	Required	
7.8.3	The Sounder with Strobe shall have inbuilt fault isolation mechanism. Devices without Inbuilt Isolators may be considered with an additional Isolator Module at an interval of not more than 10 detector / devices at no extra cost to the Bank.	Required	
7.8.4	The Sounder with Strobe shall be placed in the detection loop only and a separate loop or cables for sounders shall not be used.	Required	
7.8.5	The Sounder with Strobe shall have a sound pressure level of 80 db at 10 feet and the volume shall be adjusted from the Fire Alarm Panel. The strobe shall have a synchronized flash rate up to 1 Hz.	Required	
7.8.6	The Sounder with Strobe shall be capable of programming at least two audibility options (at 24 volts) and the option to switch between a temporal 3 pattern and a non-temporal continuous pattern	Required	
7.8.8	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.9	Control/ Relay Module (CRM)		
7.9.1	The CRM shall be loop powered type, addressable either by Dip switch or by the Fire Alarm Panel.	Required	
7.9.2	The CRM shall provide a dry potential free contact for activating a variety of auxiliary devices and other firefighting/ ventilation equipment.	Required	
7.9.3	The CRM shall have a capability of handling at least 1A @30VDC to integrate with third party system.	Required	
7.9.4	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.10	Monitor Module (MM)		

7.10.1	The MM shall be loop powered type, addressable either by Dip switch or by the Fire Alarm Panel.	Required	
7.10.2	No. of inputs to be provided for independently monitoring 3rd party devices.	Min. 2 nos.	
7.10.3	The module shall contain an LED which blinks upon being scanned by the Fire Alarm panel.	Required	
7.10.4	UL 864 (latest edition) listed & FM approved/ EN54 compliance	Required	
7.11	Response Indicator (RI)		
7.11.1	Whether compatible with all detectors?	Yes	
7.11.2	The RI shall have Dual LED lamps for indication.	Required	
7.11.3	The RI shall operate over 24V DC and shall have max. alarm current 10mA.	Required	
7.11.4	The RI shall have provision for both Ceiling and Wall Mounting with ABS enclosure fit for indoor use only	Required	
7.11.5	RI should be of the same make as that of detector(s)	Required	

Note: In case of non-compliance of any one of the above specification requirements, the tender is liable to be technically rejected.

Seal of company

Signature

Name

Designation

Date

SECTION-VIII

Schedule of Deviations

A. Schedule of Technical Deviations

We confirm that all technical terms and conditions and specifications of the Bank except for deviations listed below are acceptable to us.

Sr. No.	Section No.	Clause No.	Deviation proposed
1	2	3	4

B. Schedule of Commercial Deviations

We confirm that all commercial terms and conditions of the Bank except for deviations listed below are acceptable to us.

Sr. No.	Section No.	Clause No.	Deviation proposed
1	2	3	4

Seal & Signature of Tenderer

Name:

Designation :

Date :

Proforma of Details for Pre-Qualification**1 Proforma for minimum 5 years of experience**

Copy of work/purchase order (work completed on or before July 31, 2021) of similar works* and its completion certificate (of any amount) to be attached to prove the experience of five years in this field.

Sr. No.	Name of work and location	Name, Address and Contact details of the principal employer	Work order ref. No. & date	Stipulated date of completion	Actual date of completion

2 Proforma for similar work* executed during last 5 years

List of similar Works executed by the applicant during last five Years (i.e., during the period 01.08.2021 to 31.07.2026), to be considered for meeting the eligibility criteria as per format given below:

Sr. No.	Name of work and location	Name, Address and Contact details of the principal employer	Work order ref. No. & date	Value of work	Stipulated date of completion	Actual date of completion	Reason, if any, for delay in completion of work.

Similar Work*: Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System in institutional buildings, public places, commercial spaces or government offices.

3 Financial Turnover details

S. No.	Financial Year	Turnover (Rs.)
1	2024-25	

2	2023-24	
3	2022-23	

4. Details of Service Set up in Chandigarh tri-city

S. No.	Address of Service Centre	Details of Contact Person (Name, Designation, email-id, Contact No. etc.)	Details of Contact Person for first level escalation (Name, Designation, email-id, Contact No. etc.)	Details of Contact Person for Second level escalation (Name, Designation, email-id, Contact No. etc.)

5. Proforma for Details of Bankers

Sr. No.	Particulars	Banker 1	Banker 2	Banker 3
1	Address			
2	Contact Person			
3	E-mail			
4	Telephone Number			

6. Escalation Matrix

a. for Project follow-up

Sr.No	Escalation Level	Name & Designation	Phone No.	Email ID
1	1 (Site Supervisor)			
2	2 (Junior Management)			
3	3 (Middle Management)			
4	4 (Top Management)			

b. for DLP & CAMC follow-up

Sr.No	Escalation Level	Name & Designation	Phone No.	Email ID

1	1 (Service Manager)			
2	2 (Junior Management)			
3	3 (Middle Management)			
4	4 (Top Management)			

Signature of Tenderer:

Date:

CLIENT's CERTIFICATE REG. PERFORMANCE OF CONTRACTOR

Name & address of the Client

Contact No. & Email ID of the client

Details of Works executed by M/s

1	(a) Name of work with brief particulars (b) Nos. and capacity of each Intelligent Analogue Addressable Fire Alarm System	
2	Work Order No. and date	
3	Contract 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

Reporting Officer* with Office seal

*Officer of the rank of executive engineer/Superintending Engineer or equivalent

- **TDS certificate to be submitted for the works carried out for private Firms/ organisations.**

Proforma for Bank Guarantee in lieu of Earnest Money Deposit

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

This deed of guarantee made this ____ day of ____ two thousand ____ between ____ (Name of Banker) having its registered office at ____ (place) and one of its local offices at ____ (hereinafter referred to as the Surety), and Reserve Bank of India, a Corporation constituted by the Reserve Bank of India Act, 1934, having its Central Office at Central Office Building, Shahid Bhagat Singh Road, Mumbai-400 001 INDIA (hereinafter referred to as the Bank).

WHEREAS ____ (Tenderer's name hereinafter referred to as 'Tenderer'), a Company registered under ____ and having its registered office at ____ is bound to deposit with the Bank by way of earnest money INR ____ (INR ____ only) in connection with its tender for "**Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh**" and the specifications and terms and conditions enclosed therein.

WHEREAS the tenderer as per clause No. ____ Section II of Instructions to tenderers and special conditions has agreed to furnish a Bank Guarantee valid up to ____ instead of deposit of earnest money in cash.

NOW THIS GUARANTEE WITNESSETH:

1. That the Surety in consideration of the above Tender made by the Tenderer to the Bank hereby undertakes to guarantee payment on demand without demur to the Bank the said amount of INR ____ (INR ____ only) within one week from the date of receipt of the demand from the Bank on presentation of this deed of guarantee, which the Tenderer is bound to deposit with the Bank by way of earnest money in connection with his Tender.
2. This guarantee shall not be affected by any infirmity or irregularity on the part of the Tenderer or by the dissolution or any change in the constitution of the Bank, Tenderer or the Surety.
3. The Bank shall be eligible to make any claim under this guarantee if the Tenderer after submitting his Tender, rescinds from his offer or modifies the terms and conditions thereof in a manner not acceptable to the Bank or expresses his unwillingness to accept the order after the Bank has decided to place order with the tenderer for "**Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh**". The Banks' decision in this regard shall be final and binding.

4. The Surety shall not and cannot revoke this guarantee during its currency except with previous consent of the Bank in writing.
5. Notwithstanding anything contained in the foregoing, the Surety's liability under the guarantee is restricted to INR _____ (INR _____ only).
6. This guarantee shall remain in force and effective up to _____ and shall expire and become ineffective thereafter.
7. The Surety will make the payment pursuant to the demand notice issued by the Bank, notwithstanding any dispute that may exist or arise between the Tenderer and the Bank or any other person.
8. Any forbearance, act or omission on the part of the Bank in enforcing any of the conditions of the said tender or showing of any indulgence by the Bank to the tenderer shall not discharge the Surety in any way and the obligations of the Surety under this guarantee shall be discharged only on the intimation thereof being given to the Surety by the Bank.
9. Notwithstanding anything contained hereinabove, unless a demand or claim under this guarantee is made on the Surety in writing on or before _____ till 2:00 PM (Indian Standard Time), the Surety shall be discharged from all liabilities under guarantee thereafter and the guarantee ceases to be in effect in all respects whether or not the original Bank Guarantee is returned to the surety. The guarantee is to be returned to the surety within 15 days from the date it ceases to be in force. If the guarantee is not received by the surety within that date, it shall be deemed to be automatically cancelled.
10. The Surety has the power to issue this guarantee under its Memorandum and Articles of Association and the person who is hereby executing this deed has the necessary powers to do so under the Power of Attorney granted to him by the Surety.

SIGNED AND DELIVERED

For and on behalf of above named Bank.

For and on behalf of
(Banker's Name and Seal)
Branch Manager
(Banker's seal)

Proforma of Bank Guarantee for Security Deposit

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

No. _____

Date _____

To
The Regional Director
Reserve Bank of India,
Estate Department
Central Vista,
Sector 17A,
Chandigarh

Dear Sir

In consideration of your agreeing to accept the security deposit of INR _____ (INR _____ only) furnishable to you by Messrs _____ (hereinafter referred to as "the Contractor") in terms of their contract with you for its **"Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh"** as per their Tender No. _____ and your Special Conditions of Contract and other tender documents relating thereto subject to the conditions and alterations mutually agreed upon the set forth or referred to in your Contract No. _____ dated _____ in the form of guarantee from us in the manner hereinafter contained, we _____ (Name of the Bank) do hereby covenant and agree with you as follows :

1. We undertake to indemnify you and keep you indemnified from time to time to the extent of INR _____ (INR _____ only) against any loss or damage caused to or suffered by or that may be caused to or suffered by you by reason of any breach or breaches on the part of the Contractor of any of the terms and conditions contained in the said Contract and in the event of the Contractor making any default or default in carrying out any of the work under the said Contract or otherwise in the observance and performance of any of the terms and conditions relating thereto in accordance with the true intent and meaning thereof, we shall forthwith on demand pay to you such sum or sums not exceeding in total the said sum of INR _____ (INR _____ only) as may be claimed by you as your losses and/or damages, costs, charges or expenses by reason of such default on the part of the Contractor.
2. Notwithstanding anything to the contrary, your decision as to whether the Contractor has made any such default or defaults and the amount or amounts to which you are entitled by reasons thereof will be binding on us and we shall

not be entitled to ask you to establish your claim or claims under this Guarantee but will pay the same forthwith on your demand without any protest or demur.

3. This guarantee shall continue and hold good until it is released by you on the application by the Contractor after expiry of the relative guarantee period of the said Contract and after the contractor had discharged all his obligations under the said Contract and produced a certificate of due completion of the work under the said contract and submitted a "No Demand Certificate", provided always that this guarantee shall in no event remain in force after the day of _____ without prejudice to your claim or claims arisen and demanded from or otherwise notified to us in writing before the expiry of six months from the said date which will be enforceable against us notwithstanding that the same is or are enforced after the said date.
4. Should it be necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period of this Guarantee on the request of M/s _____ till such time as may be mutually decided by you and M/s _____.
5. You will have the fullest liberty without effecting this guarantee from time to time to vary any of the terms and conditions of the said contract or extend the time of performance of the Contractor or to postpone for any time or from time to time any of your rights or powers against the Contractor and either to enforce or forbear to enforce any of the terms and conditions of the said Contract and we shall not be released from our liability under this guarantee by the exercise of your liberty with reference to matters aforesaid or by reason of any time being given to the Contractor or any other forbearance, act or omission on your part or any indulgence by you to the Contractor or by any variation or modification of the said contract or any other act, matter or things whatsoever, which under the law relating to sureties would but for the provisions hereof have the effect of so releasing us from our liability hereunder provided always that nothing herein contained will enlarge our liability hereunder beyond the limit of INR _____ (INR _____ only) as aforesaid.
6. This guarantee shall not in any way be affected by your taking or varying or giving up any securities from the Contractor or any other person, firm or company on its behalf or by the winding up, dissolution, insolvency or death as the case may be, of the Contractor.
7. In order to give full effect to the guarantee herein contained you shall be entitled to act as if we were your principal debtors in respect of all your claims against the Contractor hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of suretyship and other rights, if any, which are in any way inconsistent with any of the provisions of this guarantee.

8. Subject to the maximum limit of our liability as aforesaid, this guarantee will cover all your claim or claims against the contractor from time to time arising out of or in relation to the said contract and in respect of which your claim in writing is lodged on us before expiry of six months from the date of expiry of this guarantee.
9. Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax or registered post to our local address as aforesaid and if sent by post, it shall be deemed to have been given when the same has been posted.
10. This guarantee and the powers and provisions herein contained are in addition to and not by way of limitation of or substitution for any other guarantee or guarantees heretofore given to you by us (whether jointly with others or alone) and now existing un-cancelled and that this guarantee is not intended to and shall not revoke or limit such guarantee or guarantees.
11. This guarantee shall not be affected by any change in the constitution of the contractor or us nor shall it be affected by any change in your constitution or by any amalgamation or absorption thereof or therewith but will endure to the benefit of and be available to and enforceable by the absorbing or amalgamated company or concern.
12. Any forbearance, act or omission on the part of the Bank in enforcing any of the conditions of the said tender or showing of any indulgence by the Bank to the Tenderer shall not discharge the Surety in any way and the obligations of the Surety under this guarantee shall be discharged only on the intimation thereof being given to the Surety by the Bank.
13. This guarantee is irrevocable during the period of its currency and shall not be revoked without your previous consent in writing.
14. We further agree and undertake to pay you without demur the amount demanded by you in writing notwithstanding any difference or dispute or controversy that may exist or arise between you and contractor or any other person.
15. Notwithstanding anything contained herein above our liability under this guarantee is restricted to INR _____ (INR _____ only). Unless a written claim is lodged on us for payment under this guarantee within six months from the date of expiry, including extensions if any, of this guarantee all your rights under the guarantee shall be forfeited and we shall be deemed to have been released and discharged from all liabilities thereunder, irrespective of whether or not the original guarantee is returned to us.

16. We have power to issue this guarantee in your favour under the Memorandum and Articles of Association of our Bank and the undersigned has full power to execute this Guarantee under the Power of Attorney granted to him by the Bank.

signed and delivered
(For & on behalf of the above named Bank)

For & on behalf of
(Banker's Name & Seal)

BRANCH MANAGER
(Banker's Seal)
Address _____

Proforma of undertaking for maintenance confirmation by the tenderer

To
The Regional Director
Reserve Bank of India,
Estate Department
Central Vista,
Sector 17A,
Chandigarh

Dear Sir/Madam

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

We hereby undertake to maintain the Intelligent Analogue Addressable Fire Alarm System to be installed by us in your premises satisfactorily, for a period of not less than 07 years after expiry of the defect liability/ warranty period at the quoted rates towards all-inclusive annual maintenance contract and terms and conditions as per the contract conditions, subject only to the price revision on the basis of the relevant RBI indices-based formula, as provided in the tender document.

We shall not fail to provide support in terms of spares etc. due to technological obsolescence or for any reason. We shall continue to provide all-inclusive service to your satisfaction, within the rate quoted by us for the all-inclusive maintenance contract for the period accepted as above.

Yours faithfully,

For _____

Authorised signatory

**FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK
(On Bankers' Letter Head)**

To,
The Regional Director
Reserve Bank of India,
Estate Department
Central Vista,
Sector 17A,
Chandigarh

This is to 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.

For the Bank with Name, Designation & Seal

Note:- (i) Bankers' certificates should be on letter head of the Bank
(ii) In case of partnership firm, certificate to include names of all partners as
recorded with the Bank.

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 authorise 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 tender for “**Design, Supply,
Installation, Testing and Commissioning (DSITC) of Intelligent Analogue
Addressable Fire Alarm System at Reserve Bank of India’s Main Office Building in
Chandigarh**” on Item Rate Contract basis for Reserve Bank of India including signing
and submission of all documents and providing information / responses to the Bank,
representing us in all matters before the Bank, and generally dealing with the Bank 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.

करारनामा का प्रारूप / Draft Articles of Agreement

(₹100/- स्टाम्प पेपर पर) / (On ₹100/- stamp paper)
(केवल सफल बोलीकर्ता हेतु) / (Only for successful bidder)

यह करार वर्ष 2026 के..... वें दिन एक पक्ष के तौर पर भारतीय रिज़र्व बैंक, चंडीगढ़ (जिसे इसके बाद “बैंक” कहा गया है) और दूसरे पक्ष _____ (जिन्हें इसके बाद “संविदाकर्ता” कहा गया है) के बीच निष्पादित किया गया।

ARTICLES OF AGREEMENT made the _____ day of _____ between the Regional Director, Estate Department, Reserve Bank of India, Chandigarh (hereafter called “The Bank”) of the one part and _____ (thereinafter called “the Contractor”) of the other part.

जबकि नियोक्ता “भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग का कार्य” कराने का इच्छुक है और रेखाचित्र एवं विनिर्देश तैयार किए हैं जिसमें किए जाने वाले कार्यों का उल्लेख है।

और जबकि उक्त रेखाचित्र, विनिर्देश, मात्राओं की अनुसूची पर उनके द्वारा अथवा पक्षकारों की ओर से हस्ताक्षर किए गए हैं।

WHEREAS the Employer is desirous of carrying out the work of ‘Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India’s Main Office Building in Chandigarh’ and has caused drawings and specifications describing the works to be done.

AND WHEREAS the said drawings, the Specifications and the Schedule of Quantities have been signed by or on behalf of the parties hereto.

और जबकि संविदाकर्ता इसमें निर्धारित की गई रेखाचित्रों, शर्तों और संविदा की विशेष शर्तों और मात्रा अनुसूची में उल्लिखित की गई शर्तों तथा यथा संशोधित एवं अंतिम रूप से दोनों पक्षकारों द्वारा सहमत संविदा की शर्तों (जिन्हें समग्रतः इसके बाद “कथित शर्तें” कहा गया है) में निहित शर्तों के अधीन बैंक की उक्त अपेक्षा और /अथवा कथित विनिर्देश में उल्लिखित कार्य और मात्रा-अनुसूची में शामिल कार्य को निष्पादित करने हेतु सहमत है जिसे वह उक्त में तय की गई राशि के अनुसार अथवा उसके अधीन देय होने वाली राशि के अनुसार निर्धारित दर (जिसे इसके बाद ‘कथित संविदा राशि’ कहा गया है) पर करेगा।

AND WHEREAS the Contractor has agreed to execute upon and subject 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 (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 Specification and included in the Schedule of Quantities at the Respective rate 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”).

अतः अब उनके बीच निम्नलिखित रूप से करार किया जाता है :

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. निर्धारित शर्तों में उल्लिखित समय और तरीके से संविदा राशि को ध्यान में रखते हुए, बोलीकर्ता निर्धारित शर्तों के अनुसार और उनके अधीन निविदा रेखाचित्रों, विनिर्देशों में और मात्रा अनुसूची में यथा उल्लिखित कार्य को निष्पादित और पूरा करेगा।

In considerations 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 de-scribed in the said Specifications and the Schedule of Quantities.

2. नियोक्ता बोलीकर्ता को निर्धारित शर्तों में विनिर्दिष्ट समय और तरीके से देय संविदा राशि अथवा ऐसी अन्य राशि का भुगतान 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.

3. भारतीय रिज़र्व बैंक कार्यों के पर्यवेक्षण, बिलों के प्रमाणीकरण, भुगतान करने और विभिन्न नियमों, शर्तों और संविदा की शर्तों को लागू करने के लिए सीधे व्यवस्था करेगा।

The Reserve Bank of India shall administer and directly arrange for supervision of works, certification of bills, making payments and implementation of various terms, conditions and stipulations of the contract.

4. उक्त शर्तों और इसके साथ संलग्न परिशिष्ट को इसके साथ पढ़ा जाए और उन्हें इस करार का एक हिस्सा माना जाएगा तथा पक्षकारों को उक्त शर्तों का पालन करना होगा और उक्त शर्तों के अनुसार क्रमशः अपने-अपने हिस्से का करार निष्पादित करना होगा।

The said conditions and various schedules 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.

5. यहां करार और इसमें उल्लिखित दस्तावेज इस करार के आधार होंगे।

The agreement and documents mentioned herein shall form the basis of this Contract.

6. यह संविदा न तो कोई नियत एकमुस्त संविदा है, न ही खंडित कार्य संविदा है, बल्कि भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य के संबंध में संपूर्ण कार्य करने हेतु संविदा है, जिसके लिए भुगतान दर अनुसूची में दी गई दरों पर वास्तविक तयशुदा मात्रा और संभावित मात्रा के अनुसार अथवा निर्धारित शर्तों में किए गए प्रावधान के अनुसार किया जाना है।

This Contract is neither a fixed Lump sum contract nor a Piece Work Contract but is a Contract to carry out the work in respect of 'Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh' to be paid for according to actual measured quantities at the rate contained in the Schedule of rates and Probable Quantities or as provided in the said Conditions.

7. संविदाकर्ता उक्त शर्तों में निर्धारित तरीके से सिविल कार्यों, विद्युत अधिष्ठापन, फिटिंग 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 civil works, electrical installations, fittings 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.

8. नियोक्ता को यह अधिकार होगा कि वह इस संविदा पर प्रतिकूल प्रभाव डाले बिना किसी भी कार्य को जोड़कर अथवा हटाकर अथवा उक्त कार्य के किसी भाग को किसी और से कराकर कार्य के स्वरूप में बदलाव कर सकता है।

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 without prejudice to this contract.

9. समय अवधि इस करार का सबसे महत्वपूर्ण कारक माना जाएगा और संविदाकर्ता यहाँ सहमति व्यक्त करता है कि उक्त नियम एवं शर्तों के अनुसार कार्य आदेश/स्वीकृति पत्र जारी होने के 14वें दिन से कार्य प्रारम्भ कर देगा और समय के विस्तार के प्रावधानों के अधीन सम्पूर्ण कार्य 120 दिन के भीतर पूरा करेगा, अन्यथा नियोक्ता उक्त शर्तों के अनुसार परिसमापन क्षति की वसूली करने का हकदार होगा।

Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work from the 14th day of issue of works order/letter of acceptance as provided for in the said Conditions and to complete the entire work within 120 days subject nevertheless to the provisions for the extension of time, failing which the employer shall be entitled to recover liquidated damages as per the said conditions.

10. ठेकेदार एतदद्वारा कार्यादेश की तिथि के 14वें दिन से काम शुरू करने तथा 120 दिनों के भीतर कार्य पूर्ण करने के लिए, दोनों पक्षों द्वारा पारस्परिक रूप से तय लिखित रूप (यानी, समझौते के विलेख के माध्यम से या पत्रों / ईमेल के आदान-प्रदान द्वारा) में समय विस्तार के प्रावधानों के अधीन रहते हुए, सहमत है।

The Contractor hereby agrees to commence the work from 14th day of date of work award letter and to complete the entire work within 120 days subject nevertheless to the provisions for extension of time in writing by such form (i.e., by way of deed of agreement or by exchange of letters / emails) as may be mutually decided by the parties.

11. कार्य, अनुबंध की निर्धारित अवधि के दौरान, सम्यक उद्यम के साथ किया जाएगा और यदि ठेकेदार निर्दिष्ट अवधि के भीतर काम पूरा करने में विफल रहता है, तो वह परिसमापन हर्जाने का भुगतान करने के लिए उत्तरदायी होगा। परिसमापन हर्जाने की वसूली निष्पादित कार्य राशि का 0.25% प्रति सप्ताह (या उसके भाग) होगी तथा अधिकतम स्वीकृत टेंडर राशि का 10% होगी और नियोक्ता ठेकेदार को देय किसी भी धन से ऐसे नुकसान की कटौती कर सकता है।

The work shall, throughout the stipulated period of the contract, be preceded 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. The recovery of Liquidated Damages shall be 0.25% of the cost of work executed per week (or part thereof) and subject to a maximum 10% of the accepted tender amount and the Employer may deduct such damages from any money due to the Contractor.

12. इस संविदा के अंतर्गत नियोक्ता द्वारा किए जाने वाले सभी भुगतान केवल चंडीगढ़ में किए जाएंगे।

All payments by the Employer under this Contract will be made only at Chandigarh.

13. इस करार से उत्पन्न अथवा इससे किसी भी रूप में जुड़े सभी विवादों के बारे में यह माना जाएगा कि वे चंडीगढ़ में उत्पन्न हुए हैं और उन पर केवल चंडीगढ़ स्थित न्यायालयों को उन पर निर्णय देने का अधिकार होगा।

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

14. इस संविदा के अनेक हिस्से संविदाकर्ता द्वारा पढ़ लिए गए हैं और संविदाकर्ता द्वारा पूरी तरह से समझ लिए गए हैं। जब तक बैंक के इंजीनियर-इन-चार्ज ने लिखित रूप में विशेष निर्देश न दिए हो तब तक संविदाकर्ता को निविदा में उल्लिखित मात्राओं के परे भुगतान नहीं किया जाएगा।

That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor. The Contractor shall not be entitled for the payment for the quantities beyond the tendered quantities unless ordered for by specific written instructions from the Bank's Engineer-In-Charge.

15. **गैर प्रकटीकरण खंड:** संविदाकर्ता और उसका कर्मचारी प्रत्यक्ष अथवा परोक्ष रूप से ऐसी कोई भी सूचना, सामग्री और बैंक की आधारभूत संरचना/ सिस्टम / उपकरण आदि का विवरण जो इस करार से जुड़े अपने दायित्वों का निर्वहन करते समय उसके कब्जे या संज्ञान में आई हों, किसी अन्य पक्ष के साथ साझा नहीं करेगा और हर समय उसे अत्यंत गोपनीय रखेगा। संविदाकर्ता करार के विवरण उस सीमा तक निजी और गोपनीय रखेगा जब तक कि इसके तहत दायित्वों का निर्वहन करने अथवा प्रयोज्य कानूनों के पालन हेतु अन्यथा अपेक्षित न हो। संविदाकर्ता नियोक्ता की लिखित पूर्वानुमति के बिना कार्य के किसी भी विवरण को किसी व्यावसायिक या तकनीकी पत्र अथवा अन्यत्र न तो प्रकाशित करेगा, न ही प्रकाशन की अनुमति

देगा अथवा उसका खुलासा ही करेगा। किसी गोपनीय सूचना के प्रकटन के कारण नियोक्ता को होने वाले नुकसान हेतु संविदाकर्ता द्वारा नियोक्ता को क्षतिपूर्ति किया जाएगा। उपर्युक्त का पालन करने में विफलता को संविदाकर्ता के स्तर से संविदा का उल्लंघन माना जाएगा और नियोक्ता को हक होगा कि वह हुए नुकसान का दावा करे और कानूनी कार्रवाई शुरू कर दे।

Non-Disclosure Clause: The Contractor shall not disclose directly or indirectly any in-formation, materials and details of the Bank's infrastructure/systems/equipment etc., which may come to the possession or knowledge of the Contractor during the course of discharging its contractual obligations in connection with this 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.

संविदाकर्ता अपने कर्मचारियों के मामले में वे सभी उचित कदम उठाएगा जिससे कि इस करार के अधीन सभी गोपनीय सूचनाओं के गैर-प्रकटीकरण की शर्त का पूर्ण अनुपालन हो।

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.

अप्रकटीकरण और गोपनीयता संबंधी संविदाकर्ता की बाध्यता इस करार की समाप्ति/निरस्तीकरण, चाहे जिस वजह से हो, के उपरांत भी रहेगी।

The Contractor's obligations with respect to non-disclosure and confidentiality will survive the expiry or termination of this agreement for whatever reason.

16. कार्यस्थल पर महिलाओं का यौन उत्पीड़न:

Sexual Harassment Clause:

क) कार्यस्थल पर महिलाओं के यौन उत्पीड़न (रोकथाम, निषेध और निवारण) अधिनियम, 2013 के प्रावधानों के पूर्ण अनुपालन का उत्तरदायित्व पूरी तरह से संविदाकर्ता का होगा। बैंक के परिसर के भीतर अपने किसी कर्मचारी के विरुद्ध यौन उत्पीड़न की किसी शिकायत की

स्थिति में संविदाकर्ता/ एजेंसी द्वारा गठित आंतरिक शिकायत समिति के समक्ष शिकायत दर्ज की जाएगी।

The Contractor/Agency 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 employees 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 of the compliant.

ख) संविदाकर्ता के किसी पीड़ित कर्मचारी से बैंक के किसी कर्मचारी के विरुद्ध प्राप्त यौन उत्पीड़न संबंधी शिकायत का संज्ञान बैंक द्वारा गठित क्षेत्रीय शिकायत समिति द्वारा लिया जाएगा।

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.

ग) संविदाकर्ता के कर्मचारियों की संलिप्तता की स्थिति में भुगतान किए जाने के लिए आवश्यक क्षतिपूर्ति के लिए संविदाकर्ता उत्तरदायी होगा, उदाहरण के लिए यदि संविदाकर्ता के किसी कर्मचारी द्वारा की गई यौन हिंसा प्रमाणित हो जाती है तो बैंक कर्मचारी को दी जाने वाली मौद्रिक राहत का भुगतान संविदाकर्ता द्वारा किया जाएगा।

The Contractor shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employee of the Contractor, for instance any relief to Bank's employee, if sexual violence by the employee of the Contractor is proved.

घ) कार्यस्थल पर यौन उत्पीड़न तथा संबंधित मामलों के संबंध में अपने कर्मचारियों को शिक्षित करने की जिम्मेदारी संविदाकर्ता की होगी।

The contractor shall be responsible for educating its employees about Prevention of Sexual Harassment at workplace and related issues.

इ) संविदाकर्ता अपने उन कर्मचारियों की पूर्ण और अद्यतन सूची बैंक को उपलब्ध कराएगा जिन्हें बैंक परिसर में काम पर लगाया गया है।

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

17. अप्रत्याशित घटना Force Majeure:

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 कार्य के परिणामस्वरूप हुई हो (जैसे

दैवी संकट, युद्ध की स्थिति, विद्रोह, महदूर हड़ताल, किसी सरकारी कार्य, भूकंप, तूफान, टाइफून और अन्य प्राकृतिक आपदा आदि)। प्रत्येक पक्ष इस करार के तहत निष्पादन किए जाने वाले कार्यों को जारी रखने के सभी संभव प्रयास करने के लिए सहमति व्यक्त करती है। 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।

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.

18. संविदाकार निम्न के संबंध में भारतीय रिजर्व बैंक के पक्ष में बीमा करवाएगा/संबन्धित दस्तावेज़ जमा करेगा और उसे लागू रखेगा:

- i) कार्य के निष्पादन से व्यक्ति या संपत्ति को हुये नुकसान से / दौरान होने वाली तीसरी पार्टी के नुकसान / उत्पन्न कोई भी दावा;
- ii) कार्य के निष्पादन के दौरान संविदाकार द्वारा नियोजित श्रमिकों को होने वाली हानि/क्षति से उत्पन्न होने वाला कोई भी दावा।
- iii) लागू पीएफ/श्रम कानूनों, ईएसआई, विनियमों आदि के गैर-अनुपालन के कारण कोई भी दावा।

The Contractor shall indemnify and keep indemnified the RESERVE BANK OF INDIA against:

- i) Any claim arising out of third-party loss/ damage to life or property caused by/during execution of the work.
- ii) Any claim arising out of loss/ damage to the workmen engaged by the contractor during execution of the work.
- iii) Any claim due to non-compliance of applicable PF/ Labour laws, ESI, regulations etc.

19. संविदाकार को कार्य शुरू करने से पहले पहली पार्टी के रूप में भारतीय रिज़र्व बैंक के नाम पर सभी आवश्यक बीमा कवर अर्थात् संविदाकार की सम्पूर्ण जोखिम पॉलिसी, श्रमिक क्षतिपूर्ति पॉलिसी, तृतीय पक्ष देयता आदि, जो भी लागू हो) लेना होगा।

The contractor shall take necessary insurance covers (i.e. Contractor All Risk Policy, Workmen Compensation Policy, Third Party Liability etc as applicable) with Reserve Bank of India as the first name, at their cost, before commencement of the work.

20. अनुबंध की समाप्ति / Termination of Contract:

यहां ऊपर दी गई बातों पर प्रतिकूल प्रभाव डाले बिना, बैंक अपने एकमात्र और पूर्ण विवेक पर, बिना कोई कारण बताए और बिना किसी मुआवजे के भुगतान के इस समझौते को तुरंत समाप्त करने का हकदार होगा, यदि बैंक की राय में (जिसे नहीं बुलाया जाएगा) ठेकेदार द्वारा प्रश्न और ठेकेदार पर बाध्यकारी होगा) :-

Without prejudice to what is contained hereinabove, the Bank shall at its sole and absolute discretion, be entitled to terminate this agreement forthwith without assigning any reason and without payment of any compensation, if in the opinion of the bank (which shall not be called into question by the contractor and shall be binding on the contractor):-

(i) संविदाकर्ता बैंक की संतुष्टि के अनुसार इस समझौते को लागू करने में विफल रहता है या मना कर देता है। यदि ठेकेदार निविदा शर्तों के अनुसार फ्लैट/फ्लैट में सेवा देने से बचता रहता है या काम नहीं करता है।

The contractor fails or refuses to implement this agreement to the Bank's satisfaction. If the contractor keeps on avoiding or non-performing the service in flats/flat as per the tender conditions.

and/or

ii. यदि संविदाकर्ता का व्यक्ति/कर्मचारी किसी कदाचार में पाया जाता है जैसे कि निवासी के हस्ताक्षर की जालसाजी, ड्यूटी के दौरान शराब पीना।

If contractor's person/workers found in any malpractice such as forgery of resident signature, drinking of alcohol while in duty.

and/or

iii संविदाकर्ता इस अनुबंध के किसी भी नियम और शर्तों का उल्लंघन करता है।

The contractor commits a breach of any terms and conditions of this agreement.

and/or

iv. संविदाकर्ता को दिवालिया घोषित कर दिया गया है या उसके द्वारा अपने लेनदारों के साथ समझौता किया गया है या यदि संकट या निष्पादन या अन्य प्रक्रिया पर लगाया गया है या ठेकेदार की संपत्ति या संपत्ति के किसी हिस्से का रिसीवर नियुक्त किया गया है।

The contractor is adjudged an insolvent or a compromise is entered by him with his creditors or if distress or execution or other process is levied upon or receiver is appointed of any part of the assets or property of contractor.

and/or

v. किसी भी कारण से, संविदाकर्ता इस समझौते के तहत अपने दायित्वों को पूरा करने के लिए कानूनन अयोग्य हो जाता है।

For any reason whatsoever, the contractor becomes disentitled in law to perform his obligations under this agreement.

and/or

vi. संविदाकर्ता या उसके व्यवसाय के स्वामित्व/साझेदारी या प्रबंधन में इस तरह के बदलाव के लिए बैंक की लिखित पूर्व अनुमति के बिना कोई भिन्नता है।

There is any variation in the ownership/partnership or management of the contractor or his business without the prior approval in writing of the Bank to such variation.

21. ठेकेदार अपने या अपने उप-ठेकेदार द्वारा नियोजित श्रमिकों के संबंध में, बोलीदाता श्रम विनियम में दिए गए सभी प्रावधानों का अनुपालन करेगा या करवाएगा। ठेकेदार को कार्य से संबंधित सभी प्रासंगिक कानूनों और समय-समय पर लागू होने वाले अन्य सभी कानूनों और उनके अंतर्गत बनाए गए नियमों का पालन करना होगा।

i. Code on Wages, 2019

ii. Industrial Relations Code, 2020

iii. Code on Social Security, 2020

iv. Occupational Safety, Health and Working Conditions Code, 2020 (OSHC Code, 2020)

v. Employer's Liability Act, 1938.

vi. Child Labour (Prohibition and Regulation) Act, 1986.

vii. Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

viii Workmen compensation

ix. and/or any other act / law as applicable

The Contractor shall in respect of labour employed by him or his sub-contractor comply with or cause to be complied with the Bidder Labour Regulation in regard to all matters provided therein. The Contractor shall comply with the provisions of all relevant laws in connection with the work and any other law

relating thereto and rules made there under from time to time as may be applicable viz.

- i. Code on Wages, 2019
- ii. Industrial Relations Code, 2020
- iii. Code on Social Security, 2020
- iv. Occupational Safety, Health and Working Conditions Code, 2020 (OSHWC Code, 2020)
- v. Employer's Liability Act, 1938.
- vi. Child Labour (Prohibition and Regulation) Act, 1986.
- vii. Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013
- viii Workmen compensation
- ix. and/or any other act / law as applicable

22. ठेकेदार को यह सुनिश्चित करना चाहिए कि वेतन के विलंबित भुगतान पर कर्मियों की ओर से किसी भी शिकायत की कोई गुंजाइश न हो। ठेकेदार द्वारा नियुक्त कर्मचारी केवल ठेकेदार के रोजगार में होंगे, भारतीय रिज़र्व बैंक के नहीं। ठेकेदार कर्मचारी भविष्य निधि और विविध प्रावधान अधिनियम, 1952 और कर्मचारी राज्य बीमा अधिनियम, 1948 के प्रावधानों के अनुसार भविष्य निधि और कर्मचारी राज्य बीमा निधि के संबंध में नियोक्ता के योगदान का भुगतान करेगा।

The contractor should ensure that there is no scope for any grievance from the personnel on delayed payment of wages. The employees engaged by the Contractor will be in the employment of the Contractor only and not of the Reserve Bank of India. The contractor shall pay the employer's contribution with regard to provident fund and employees' state insurance fund as per the provisions of the employees' Provident fund and miscellaneous provisions act, 1952 and employees' state insurance act, 1948.

23. किसी भी परिस्थिति में ठेकेदार और उसके कर्मचारियों/कर्मचारियों के बीच विवाद के कारण उत्पन्न होने वाले किसी भी जुर्माने या दावे के लिए ठेकेदार पूरी तरह से जिम्मेदार होगा। यदि ठेकेदार और उसके कर्मचारियों/कर्मचारियों के बीच विवाद के कारण कोई दावा या जुर्माना बैंक के लिए कानूनी रूप से बाध्यकारी है, तो उसे ठेकेदार से वसूला जाएगा।

The contractor will be solely responsible for any penalty or claim arising due to dispute between the contractor and its employee/es under any circumstance. If any claim or penalty is legally binding to the Bank due to the dispute

between contractor & its employee/es, same shall be recovered from the contractor.

नोट: दोनों भाषाओं (हिन्दी / अंग्रेजी) में किए गए समझौते की व्याख्या में किसी भी तरह का विरोध होने की स्थिति में, अंग्रेजी में समझौते की व्याख्या मान्य होगी।

Note: In case of any conflict in interpreting the agreement made in both the languages (Hindi / English), the interpretation of agreement in English will prevail.

मैं / हमने उपर्युक्त सभी शर्तों को समझ लिया है और वे मुझे / हमें स्वीकार्य हैं।

I / We have understood all the above-mentioned conditions and they are acceptable to me/us.

यदि संविदाकर्ता एक साझेदारी फार्म अथवा व्यक्ति हो If the Contractor is a partnership or an individual	गवाह जिनकी मौजूदगी में ऊपर उल्लिखित दिनांक और वर्ष को नियोक्ता और संविदाकर्ता दोनों ने इस करार को निष्पादित करने हेतु हस्ताक्षर किया है और यह डुप्लीकेट में तैयार की गई है। 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 संविदाकर्ता एक कंपनी हो If the Contractor is a company	गवाह जिनकी मौजूदगी में ऊपर उल्लिखित दिनांक और वर्ष को इस करार को निष्पादित करने हेतु नियोक्ता और संविदाकर्ता दोनों ने अपने विधिवत प्राधिकृत अधिकारियों के माध्यम से मुहर सहित हस्ताक्षर किया है तथा यह डुप्लीकेट में तैयार की गई है 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 खण्ड

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 and designation)

.....
.....की उपस्थिति में/in the presence of
(1)

(नाम और पदनाम)
(Name & Designation)

संपदा विभाग

Estate Department

भारतीय रिज़र्व बैंक, चंडीगढ़ कार्यालय

Reserve Bank of India, Chandigarh

(गवाह/Witness)

(2)

(नाम और पदनाम)
(Name & Designation)

संपदा विभाग

Estate Department

भारतीय रिज़र्व बैंक, चंडीगढ़ कार्यालय

Reserve Bank of India, Chandigarh

(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)

Note:

बैंक, संविदाकर्ता के साथ करार 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.

Annexure IX

Draft Articles of Agreement for Annual Maintenance Contract **(on Rs 100 non judicial stamp paper from successful bidder only)**

ARTICLES OF AGREEMENT made on ____ day of _____ between the Reserve Bank of India, Chandigarh having its Central Office at Mumbai (hereinafter called "the Employer") of the one part and (hereinafter called "the Contractor") on the other part.

WHEREAS the Employer is desirous of Comprehensive Annual Maintenance Contract for the period of 07 years after one year of defect liability period for Name of the work _____ and has caused specifications and Schedule of Quantities describing the works to be done which have been signed by or on behalf of the parties hereto.

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").

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. On successful completion of one-year defect liability period from the date of virtual completion of the work, the rate for the first year CAMC shall be Rs. _____ per annum as quoted by the tenderer in their tender.

2. Scope of works during CAMC Period

The Tenderers shall quote their charges separately for comprehensive annual maintenance service of complete system as per schedule of quantities which will be applicable after one year of defect liability period (DLP). The rates shall also include the charges for the insurance of the workmen for carrying out the above job and GST for maintenance shall be quoted in respective column in the BOQ.

The successful Tenderer shall enter into an agreement for comprehensive annual maintenance contract of the system with the Bank conditions and scope of work for which are as under:

(a) During DLP and CAMC period the system will be inspected and checked by deputing a team competent, trained service engineer(s). The periodicity shall be on a weekly basis by creating a fire / smoke simulation in the loops, general inspection of the panels for faults/ alarms, resetting the panel & generation of fire alarm and handing

over of Fire alarm report and panel in good working condition to the bank's security officer/ fire officer.

(b) Moreover, during the course of this weekly preventive maintenance activity, at least 10 detectors, selected randomly from each of the 05 loops shall be tested and cleaned.

(c) Critical area detectors viz server rooms/ UPS rooms etc. should be invariably included and checked during the weekly and quarterly visits. Moreover, all special purpose detectors such as duct probe detectors, beam detectors and PNG leakage detector must be cleaned and tested at least once every quarter.

(d) Suitable service/ breakdown reports indicating faults, rectification done with date & time of breakdown should be maintained and got signed from the fire officer.

(e) The Bank will not provide any assistance in the form of men/ material during the currency of the guarantee and service contract. The tenderers will have to make their own arrangements for deputing a helper to skilled personnel including all necessary spares for carrying out preventive maintenance and rectification of the defects reported/ observed.

(f) The comprehensive Annual Maintenance contract includes, but is not limited to, procurement, including import, and replacement of all components and accessories wherever required, and repair/ replacement of all faulty mechanical/ electrical/ electromagnetic/ electronic parts of fire alarm and any other component needed to ensure the working of fire alarm control panel in the original state in which it is handed over to the Bank.

(g) Spares and consumables are to be used of manufacturers make or approved makes only and shall be approved by Bank's Engineer before usage. Non-availability of spares/ components shall not be accepted as a reason for waiving of penalty towards delay in rendering prompt services. The contractor shall, therefore, also ensure that the required spares etc. for proper maintenance are readily available with them for complete life span of the system.

h) The firm shall arrange for updating/ upgradation of software / licenses of various components as and when required throughout the CAMC period, free of cost without any extra cost to the Bank.

(i) The charges for comprehensive annual maintenance service shall include replacement of any part of the system, including all required spares, consumables etc. during service contract period. Any defects in the system/sub-assemblies, found within the maintenance period, shall be rectified / replaced by the Tenderer without any additional cost to the Bank.

(j) Penalty for deficiency in services during CAMC:

3. Penalty for delay in rectification during CAMS:

During the comprehensive annual maintenance service period (after DLP period), any fault in the system shall be rectified within 24 hours of receipt of intimation of the defect in the system. The quoted rates shall, therefore, consider all the cost, including travel cost from the nearest service station. The penalty for delay in rectification of defects during CAMC period shall be as following:

	Nature of defect	Rectification Time	Penalty
a	Any defects resulting in total failure of the system	24 hours	Rs.1500/- per day subject to maximum 25% of the annual CAMC amount
b	Any defects in independent devices, components, cables which may not result in total failure of the system	48 hours	Rs.1000/- per day subject to maximum 25% of the annual CAMC amount
In addition to the above, if the system is not rectified within the period of 3 days, the Bank shall have right to rectify the system at risk and cost of the contractor. The Bank shall have also right to invoke the BG as a penalty for delay in rectifying the system and terminate the contract, if service rendered by the contractor is found to be unsatisfactory.			

In addition to the above, the Bank reserves the right to make necessary penal recoveries, on pro rata basis, if the periodicity of preventive maintenance being stipulated at clause 2.18 of the tender is not adhered to by the Contractor. Any penalty during the CAMC shall be recovered from any dues payable to the contractor or invoked from the bank guarantee.

4. Payment of service charges during comprehensive annual maintenance service (CAMS):

The payment during the CAMS period shall be made on quarterly basis on rendering satisfactory service.

5. Renewal of CAMC:

The payment during the CAMS period shall be **made on quarterly basis** on rendering satisfactory service.

(f) The service contract shall be renewed for a further additional period of at least 6 years after DLP of 1 year and the initial annual service contract period of one year. While renewing the contract the new contract amount will be arrived at based on following formula:

$A_C = A_P [(15 + 60 \times (EPI_C/EPI_P) + 25 \times (CPI_C/CPI_P)] / 100$	
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 commencement date of contract for the current year.
CPI _P	Consumer Price Index for industrial workers (All India average) 6 months prior to commencement date of contract for the previous year.

6. Performance Bank Guarantee:

To ensure due fulfilment of the terms and obligations of the AMC period of total 7 years (after completion of defect liability period) by the contractor, the contractor, prior to the end of defect liability period, shall submit a Bank guarantee as security deposit (as per [Annexure IV](#) of this tender) for an amount equal to 5% of the value of work executed, which shall remain valid till the end of 04 years period from the day of end of defect liability period.

On eve of expiry of 04 years, the contractor shall submit a fresh BG amounting 50% of the original BG amount before two weeks of expiry of initial BG and shall be valid for next 03 years period.

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

8. Prevention of Sexual Harassment of Women:

- 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 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 workplace and related issues.

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

9. Non – Disclosure clause:

The contractor shall not disclose directly or indirectly any information, materials and details of the Bank's infrastructure/systems/equipment etc., which may come to the possession or knowledge of the Service Provider and /or the DB Developer during the course of discharging their contractual obligations in connection with this 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 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 Second Party. Failure to observe the above shall be treated as breach of contract on the part of the contractor, as the case may be, and the Second Party shall be entitled to claim damages and pursue legal remedies.

- a) The contractor shall take all appropriate action with respect to its employees to ensure that the obligations of non-disclosure of confidential information under this agreement are fully satisfied.

The obligations of the Service Provider and, without prejudice to the contract Agreement, the obligations of the contractor with respect to non-disclosure and confidentiality shall survive the expiry or termination of this agreement for whatever reasons

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

IN WITNESS THEREOF the Employer has set its hand to these presents through its duly authorised 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.

Signature Clause:

SIGNED AND DELIVERED by Reserve Bank of India, Chandigarh

* _____ (Name and
Designation)

In the presence of -

Witnesses -

1. _____

Address _____

Address _____

If the party is a partnership firm or
individual

SIGNED AND DELIVERED BY _____

In the presence of witnesses:

1. _____

Address _____

2. _____

Address _____

THE COMMON SEAL OF _____

was hereunto affixed pursuant to the resolutions passed by its Board of
Directors at the meeting held on

In the presence of -
Witness -

1. _____

2. _____

If the Contractor _____ Directors who have
signed these signs under common presents in token
thereof in the seal, the signature presence of -
clause should tally

with the sealing 1. _____ clause in the
articles

of association. 2. _____

If the Contract is SIGNED AND
DELIVERED BY -signed by the hand the
Contractor by the hand of
of power of attorney, Shri _ whether a company or _____ an
individual.
and duly constituted attorney.

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

**The Regional Director
Reserve Bank of India
Estate Department
Main Office Building
Central Vista, Sector 17A
Chandigarh- 160017**

Name of Work: Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

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 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.

Signature and name of the authorised signatory of the Bidder with stamp

Date:

Place:

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 Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

1. I / We _____ (Name of the bidder) declare 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) I/we or any of our allied firm* is/ are not debarred by any procuring entity for violation of Public Procurement (Make in India) Order, 2017, as on _____ (last date of submission of bid).

d) 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 successor firms will also be considered as allied firms

Annexure XII

Undertaking Regarding Site Visit by The Tenderer in Order to Understand the Work

To,
The Regional Director
Reserve Bank of India
Estate Department
Main Office Building
Central Vista, Sector 17A
Chandigarh- 160017

Date

Dear Sir,

**NAME OF WORK: Design, Supply, Installation, Testing and Commissioning (DSITC)
of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's
Main Office Building in Chandigarh**

We, _____, the tenderer for the above work confirm that we have visited the site and understood the proper details of existing site conditions for installation of Intelligent Analogue Addressable Fire Alarm System and also the scope of work for the proposed system.

Yours faithfully,

(_____)
Authorized signatory
(Name and address of the company with Company Seal)

**Proforma for Indemnifying the Employer against non-compliance to Contract
labour Rules / Regulations**

(On Non-Judicial Stamp Paper of appropriate value)

To

**The Regional Director
Reserve Bank of India
Estate Department
Main Office Building
Central Vista, Sector 17A
Chandigarh- 160017**

Dear Sir,

**Name of Work: Design, Supply, Installation, Testing and Commissioning (DSITC) of
Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main
Office Building in Chandigarh**

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 bidder

Sign & seal of the bidder

Date:

Place:

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

To
The Regional Director
Reserve Bank of India
Estate Department
Main Office Building
Central Vista, Sector 17A
Chandigarh- 160017

Dear Sir,

Name of Work: Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

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, license 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 bidder:

Sign & seal of the bidder:

Date:

Place

Undertaking by manufacturer of Intelligent Analogue Addressable Fire Alarm System regarding the manufacturer's obligation to extend uninterrupted after sales service to RBI

(To be submitted on OEM's letterhead)

Dear Sir,

Name of Work: Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh.

We, _____, the manufacturer of Intelligent Analogue Addressable Fire Alarm System undertake to provide continued after sales service including but not restricted to the following services:

- i) To guarantee uninterrupted supply of spare parts throughout the designed life of Intelligent Analogue Addressable Fire Alarm System of 8 years as indicated elsewhere in the technical bid.
- ii) To assist RBI in investigation of failure/ malfunctioning of any part or system as and when called for by RBI during and after defects liability period.
- iii) We shall propose with cost estimate, any modification / up gradation of safety features, design modification / improvements to be incorporated in the Intelligent Analogue Addressable Fire Alarm System subsequent to completion of the contract and suggest a time schedule to implement the same to enhance performance, reliability / life of Intelligent Analogue Addressable Fire Alarm System.
- iv) We hereby undertake to provide the above services and respond to RBI's queries/requests in reasonable time notified by RBI during the design life of the Intelligent Analogue Addressable Fire Alarm System.
- v) Any breach of above undertaking will entail RBI to take any or all actions mentioned below as deemed fit by RBI.
 - a) To place on record the performance of firm either in the RBI website or other publications.
 - b) Intimate the Regulatory Authorities / bodies or other Banks.
 - c) Restrict the firm's participation in further tendering in RBI.

Date:

(Name and address of the company with Company

Seal)

Note: This undertaking shall be furnished by the manufacturer of Intelligent Analogue Addressable Fire Alarm System.

Declaration for Local Content

(To be given on Company Letter Head for tender value below Rs. 10 crores and by Statutory Auditor/ Cost Accountant/ CA for tender valuing Rs. 10 crores or above)

Date: _____

To Whomsoever it may concern

Subject: Declaration of Local Content

Tender Reference No: _____

Name of Tender/ Work: _____

1. Country of Origin of Goods being offered:
2. We hereby declare that items offered has ____% local content which qualifies us as _____ (Class I Local/ Class II Local/ Non-local) supplier.
3. Details of location at which local value addition will be made (Complete address to be mentioned): _____

"Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

"*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law."

Yours Faithfully,

(Signature of the Bidder, with Official Seal)



भारतीय रिज़र्व बैंक / Reserve Bank of India
सम्पदा विभाग / Estate Department
चंडीगढ़ / Chandigarh

भारतीय रिज़र्व बैंक के चंडीगढ़ स्थित मुख्य कार्यालय भवन में इंटेलिजेंट एनालॉग एड्रेसेबल फायर अलार्म प्रणाली की डिज़ाइन, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के कार्य हेतु ई-निविदा

Tender for Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

Tender Reference No: RBI/CHD/Estate/2026-27/1/CPPP
Tender ID: 2026_RBI_284898

भाग-II (मूल्य बोली)
Part-II (Price Bid)

बोली पूर्व बैठक का समय एवं स्थान	21 अगस्त 2026 को पूर्वाह्न 11:00 बजे स्थान : संपदा विभाग, तृतीय तल, मुख्य कार्यालय भवन, भारतीय रिज़र्व बैंक, सेंट्रल विस्टा, सेक्टर-17, चंडीगढ़
बोली प्रस्तुत करने की अंतिम तिथि:	07 सितम्बर 2026 को पूर्वाह्न 11:00 बजे तक
निविदा का भाग I अर्थात् तकनीकी-वाणिज्यिक बोली खोलने की तिथि:	08 सितम्बर 2026 को पूर्वाह्न 11:00 बजे

Unpriced Bill of Quantities

Design, Supply, Installation, Testing and Commissioning (DSITC) of Intelligent Analogue Addressable Fire Alarm System at Reserve Bank of India's Main Office Building in Chandigarh

(NOTE: Rates and Amount are to be entered on Central Public Procurement Portal (CPPP -

<https://etenders.gov.in>) only)

Sr. No.	Item Description	Qty	UoM
1	<u>Fire Alarm System main panel</u> (as per "Section VI: Technical Specifications & Scope of Work") Supply, installation, testing and commissioning of UL864 listed & FM approved/ EN54 compliant Microprocessor based 5 loops (expandable up to 10 loops) networkable analogue addressable Fire Alarm Control Panel (FACP). The Panel shall have minimum 640-character LCD / LED display or touchscreen. Each loop shall have a capacity of minimum 225 analog addressable devices (minimum 150 detectors). It shall have four access levels, flash EPROM and should be capable of communicating at high speeds with compatible Flash Scan devices. The panel shall be operated on 240 volts AC power supply with automatic battery charger and 24 volts sealed maintenance free (SMF) batteries capable of operating the fire alarm system for 24 hours under normal working of the system and for 2 hours during fire/ emergency condition. The panel shall also be supplied with all the required gateways like Modbus / BACnet, etc., and the required hardware, software, Application Program Interface (API) & Software Development Key (SDK) (in case of a third party software), etc., to communicate on open protocol such as Modbus / BACnet, etc., for connectivity with the Command-and-Control Centre. Cost of FAS panel shall include all the loop cards, Interface cards, control cards, power control cards, etc. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work as directed by Bank's Engineer.	1	No.

2	<u>Network graphic control station</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning of the Networked Graphic software / Network Control Station (NCS) for real time control and monitoring of fire alarm system by graphically representing each facility being monitored with floor plans and icons depicting the actual locations of the various systems and/ or sensors, with following hardware and software capabilities: (A) Software: Fire graphic software for graphical interface with floor plans/icons for exact sensor location; scalable to 5,000 IBMS points (Fire, HVAC, Access Control); support for 100 Nodes with 100 MB baud (Fibre) / 12 MB baud (Cable) transmission; facility to monitor 2-way voice communication over Fire Network; future cloud-ready; direct gateway interface with all necessary integration modules and license key valid for the entire CAMC duration; (B) Hardware (Workstation): Intel Core i7 (14th Gen) or higher with clock speed of 3 GHz or higher; 32 GB RAM; Hybrid Storage (500 GB SSD + 2 TB HDD @ 10k RPM); min. 4 GB Dedicated Graphics Card; Ethernet card; PCI slot; 3 nos. RS-232/485 COM Ports; Gigabit Ethernet port; Sound card; Load device: DVD-RW; 32" flat screen LED Monitor; Preloaded Windows 11 and Antivirus Software (valid for entire CAMC period). (C) Peripherals: Colour LaserJet Printer, Multimedia Keyboard, Optical Mouse, speaker. The scope shall include preparation and uploading of digital floor layouts for all floors, programming, testing, and staff training. Rate to be inclusive of all taxes, transportation, insurance, levies, interface modules, cabling/fittings, consumables, and complete commissioning as directed by the Bank's Engineer.	1	Set
3	<u>Repeater panel</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning of UL listed & FM approved/ EN54 compliant Repeater Panel complete with minimum suitable LED/ LCD (with QWERTY keypad) display or touchscreen to indicate the status of system, location of incident, events etc. in the fire network and control function. It shall be equipped with mounting options include an annunciator back box and blank modules 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.	4	Nos.

4	<u>Multi criteria sensor detector</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of Intelligent Addressable type multi criteria sensor detector (Photo + Heat), with inbuilt fault isolator, below false ceiling/ on true ceiling with base & MS backbox (as required) and 360 deg. LED indicator, for use as heat or smoke or combined both with provision for electronic/ key-based manual addressing. Detector shall have auto learn, drift compensation etc for automatic sensitivity adjustment to ambient. It shall be UL listed FM approved/ EN54 compliant. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	485	Nos.
5	<u>Heat detector</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of addressable rate of UL listed FM approved/ EN54 compliant rate of rise cum fixed temperature / Heat detector, combining fixed-temperature sensing elements (rated at 135°F / 57°C) and rate-of-rise thermal elements tracking abnormal temperature increases exceeding 15°F per minute and capable of withstanding temperature variations from 0 to 38 deg C with mounting base, LED, with inbuilt fault isolator, below false ceiling/ on true ceiling with base and MS back box (as required) with provision for electronic/ key based manual addressing. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	10	Nos.
6	<u>Early initiating device</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of UL listed FM approved/ EN54 compliant multi eco-speed sensing/ very early warning type analog spot type addressable photo-electric smoke detector with fault isolator, mounting based LED, addressable switch complete as required by NFPA 76/ NFPA 318. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	13	Nos.
7	<u>Beam Detector</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of UL listed FM approved/ EN54 compliant Addressable Beam Detector complete with required monitor module including all accessories required for fixing of detector & reflector and termination of cable. 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.

8	<u>PNG Gas Leak Detector</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of PNG Gas leak detector with mounting brackets, all accessories complete i.e. LED Display, Potential Free Contact & Power supply 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.	2	Nos.
9	<u>Manual Call Point</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and Commissioning (SITC) of UL listed FM approved/ EN54 compliant addressable pull type dual action manual call station with back box, address switch to program the device from 01-150, 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.	45	Nos.
10	<u>Response Indicators</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of Response Indicator (of the same make as that of detector) with dual LEDs 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. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	90	Nos.
11	<u>Hooter cum strobe</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of UL listed FM approved/ EN54 compliant addressable Hooter cum Strobe Lights with 110 candela / 1 Hz Frequency output complete with required module and including all accessories required for fixing of hooter on true ceiling / false ceiling, termination of cable all complete as required.	45	Nos.
12	<u>Duct probe detector</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of UL listed FM approved/ EN54 compliant analog addressable Duct probe detector complete with base, LED etc.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.	17	Nos.
13	<u>Control/ Relay Module</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply, installation, testing and commissioning (SITC) of	25	Nos.

	Addressable UL listed FM approved / EN54 compliant relay/ control modules, for achieving tripping of Ventilation Fans/AHUs/ Lifts, and with Address Switch to program the device from 01-150, complete as required.		
14	<u>FRLS armoured copper multistranded cable</u> (as per “Section VI: Technical Specifications & Scope of Work”): Supply & laying of FRLS armoured 2 C X 1.5 Sq. mm PVC insulated copper multistranded Fire cable (Red) partly on wall /surface / underground using saddles, complete with termination, all accessories hardware 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.	2000	RM
15	<u>Excavation work</u> : Excavation of earth, concrete, paver or any type of hard soil for routing detection cable in 25 mm GI metal conduit at a depth of 300mm in open areas 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 quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	15	RM
16	<u>GI conduit</u> : Supply & laying of medium strength 25mm size GI conduit pipe with threaded joints inside excavated trench for routing detection cable underground. The quoted rate shall be inclusive of all taxes, transportation, insurance, levies etc., and including all required hardware fitting, consumables to complete the work.	25	RM
A	Gross Capital Cost of work		
17	Buyback for dismantling and taking away for the existing fire alarm system including detectors main panel, PC, repeater panels, detectors, hooters, strobe lights, manual call points, all modules etc. (excluding existing cabling) after the testing, commissioning, and stabilization of the new Fire Alarm System. The buy is exclusive of old cabling which is not be dismantled under the scope of this work. (Rate inclusive of GST but exclusive of TCS).	1	Lot
B	Net Capital Cost of work		
C	<u>Comprehensive AMC charges</u> : (To be quoted only for the first year of CAMC) Comprehensive Annual Maintenance Service (CAMC) charges for the entire fire alarm system including main panel, devices and cabling, spares, labour, upgradation of software, etc., as per scope of CAMC in Section II of this tender. (Rate inclusive of GST, as applicable).	1	Year
D	Total cost of Ownership of the system	=B+5.63 x C	

Minimum Base Rate for Comprehensive AMC

Minimum Base Rate for Comprehensive AMC is 5% (Five percent) of total capital cost. In case, the tenderer quotes the rates for comprehensive AMC lower than 5% (Five) of the quoted capital cost, then the 5% (Five) of the quoted capital cost will be considered as AMC for calculation of Total Cost of Ownership.

Note: Notwithstanding the above, the Bank shall pay only the quoted rate of the AMC during the currency of the committed contract period subject to renewal formulae indicated in the tender.

Signature & seal of Tenderer