



RFP for
Supply, Installation, Testing and Commissioning (SITC) of
New Addressable Fire Alarm System in Baroda Sun
Complex, Regional Office, Surat City Region

Bank of Baroda,
Regional Office, Baroda Sun Complex,
Ghod Dod Road, Surat
Gujarat

Technical Bid

ENVELOPE - 1 :

A. RFP for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region.

Bank of Baroda invites bids for the Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region, Surat.

B. Important Dates:

RFP Reference Number	RFP No: 001 dated: 16.03.2023
Estimated Project Cost	Rs 1500000 (Including GST)
Bid Security / Earnest Money Deposit Exempted for : MSME / NSIC / KVIC registered firm	Rs.15000 (Rupees Fifteen Thousand only) in the form of Bank Draft/Banker's cheque in favor of Bank of Baroda, payable at Surat. <i>(1% of the estimated project cost)</i>
Availability of RFP document	RFP will be available on our Bank website http://www.bankofbaroda.com . From 16.03.2023. The RFP may be downloaded from the RFP Section of Bank's Website by the Bidders. No hard copy of the RFP will be made available by the Bank.
Last date of submission of any query / reporting any error	31.03.2023 by 3.00 PM. ALL QUERIES TO BE SUBMITTED VIDE EMAIL ONLY ON security.surat@bankofbaroda.com
Pre Bid Meeting	22.03.2023 at Regional Office, Surat City Region, Baroda Sun Complex, Ghod Dod Road, Surat. Time: 12.15 PM
Last Date, Time and Place for receipts of bids	Bid Submission: 07.04.2023 by 11.00 AM Late RFP will not be accepted under any circumstances including postage delay. Bank of Baroda Security Department Seventh Floor, Regional Office, Surat City Region, Baroda Sun Complex, Ghod Dod Road, Surat

Date and Time of Technical bid Opening	07.04.2023 by 11.30 AM Bank of Baroda Security Department Seventh Floor, Regional Office, Surat City Region, Baroda Sun Complex, Ghod Dod Road, Surat
Date and Time of Financial bid Opening	Date and Time will be intimated by email to the qualified vendor after the Technical Evaluation of the Bids.
Address for Communication	Bank of Baroda Security Department Seventh Floor, Regional Office, Surat City Region, Baroda Sun Complex, Ghod Dod Road, Surat
Contact person	1. <u>Sanjay Kumar Manager(Security)</u> 2. <u>Mr. Naveen Kumar CM (Fire Safety)</u> Email ID- <u>Security.surat @bankofbaroda.com</u>

- The AMC is for 3 Years with the provision to renewing yearly based on the performance and it will be at the sole discretion of the Bank, unless terminated by the Bank at its own convenience by giving a prior notice of 30 days in writing to the agency without assigning any reason(s) and without any cost(s) or compensation thereof.
- Validity of Offer: The offer should be valid for period of 90 days from the last date for submission of the offer.

N.B: The above dates are tentative and subjected to change without any prior notice or intimation (Bidders should check our website <https://www.bankofbaroda.in/RFPs/> for any changes / addendums to the above dates and / or any other changes/ update to this RFP). Bidders are requested to keep themselves updated through our said website from time to time.

C. Important Definitions:-

Following terms are used in the document interchangeably to mean:

- I. Bank, BANK means "Bank of Baroda".
- II. Recipient, Respondent and Bidder, Vendor, means "Respondent to the RFP Document".
- III. RFP means RFP response documents prepared by the Bidder and submitted to Bank of Baroda.
- IV. Throughout all the documents the term 'Bid' and 'RFP' and their derivatives like Bidders, Bidder are synonymous.
- V. "Contractor" shall mean :-

- a. In the case of a Partnership firm :- ----- and --
----- trading as partners 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.
 - b. In the case of individual Contractor: - Shri trading in the name
and style of and shall include his heirs, successors & legal
successors & legal representatives.
 - c. In the case of Company: - a company incorporated under
20 and having its registered office at and office at shall
include its successors and assignee.
- VI. "Site" shall mean the site of the contract works (Regional Office, Surat City
Region Baroda Sun Complex) including any building and erections thereon
and any other land (inclusively) as aforesaid allotted by the Bank for the
Contractor's use.
- VII. "Contract" shall mean the following documents, all duly signed, collective
in that order of precedence.
- a. Articles of Agreement
 - b. Letter of acceptance of RFP / Award of Work
 - c. The Bid including Addendum if any
 - d. Special Conditions of Contract
 - e. General Conditions of Contract
 - f. Priced Bill of Quantities
 - g. Technical Specifications
- VIII. "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 or registered office of the addressee and shall be
deemed to have been received when in the ordinary course of post it would
have been delivered.
- IX. "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. "Net Prices" : If in arriving at the contract
amount, the Contractor shall have added to or deducted from the total
amount of the items in the RFP any sum, either as a percentage or
otherwise, then the net price of any item in the RFP shall be the sum
arrived at by adding to or deducting from the actual figure appearing in the
RFP as the price of that item and similar percentage or proportionate sum
provided always that in determining the 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 RFP. 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.
- X. "Works" means the permanent works described in the "Scope of Work"
and / or to be executed in accordance with the Contract and includes
materials, apparatus, equipment, temporary supports, fittings and things of

all kinds to be provided, the obligations of the Contractor hereunder and work to be done by the Contractor under the contract.

- XI. "Bill of Quantities" means the Schedule and Quantities of items, materials & rates, summaries, etc. as finally accepted.
- XII. "Specification" means the specifications given in these documents including relevant Indian standard specification where so required and where such a specification is not available, the specification will be provided and approved by the Bank.
- XIII. "Temporary Works" means all temporary works of every kind required in or about the execution, completion or maintenance of the works.
- XIV. "Materials" means the materials, apparatus, equipment, fittings, fixtures and all such other material which are incorporated in the 'work'.
- XV. "Virtual Completion of the Works" means the completion of the whole of the works substantially in all respects as certified by the Fire Officer / Security Officer of the Bank.
- XVI. "Period of Maintenance / Defect Liability Period" shall mean the period of 365 (Three hundred Sixty Five) days (per year) calculated from the date of virtual completion of the works as certified by the Fire Officer / Security Officer of the Bank.
- XVII. "Urgent Works" means any urgent works, which becomes necessary at the time of execution and / or during the progress of work to obviate any risk of accident or failure or to obviate any risk of damage to the structure or services or required to accelerate the progress of work for which becomes necessary for safety and security or for any other reason, the Fire Officer / Security Officer of the Bank may find it necessary.
- XVIII. "Approved" means approved in writing; "Approval" means approval in writing.
- XIX. "Month" means calendar month.
- XX. "Week" means seven consecutive calendar days.
- XXI. "Day" means a calendar day beginning and ending at 00 Hours and 24 hours respectively,
- XXII. "Contract Value / RFP Value" means the total value of the RFP as accepted by the Bank.
- XXIII. Interpretations / Marginal Note / Heading / Catch Lines.

The Marginal Notes, Headings and in the catch lines hereto and in the tender 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 tender hereto. The Contractor will have to carry out and complete the said work in every respect in accordance with this contract.

Words imparting the singular only also include the plural and vice versa where the context requires.

Further "Addendum" shall be issued on Bank's website only and bidder has to refer the same before final submission of the RFP.

The Bank reserves the right to reject any / all applications without assigning any reason whatsoever.

Confidentiality:

This document is meant for the specific use by the Company / persons interested to participate in the current RFPing process. This document in its entirety is subject to Copyright Laws. Bank of Baroda expects the bidders or any person acting on behalf of the bidders to strictly adhere to the instructions given in the document and maintain confidentiality of information. The bidders will be held responsible for any misuse of the information contained in the document and liable to be prosecuted by the Bank. In the event of such a circumstance is brought to the notice of the Bank. By downloading the document, the interested party is subject to confidentiality clauses.

Please note that Financial Bids of only those service providers who qualify in the technical bid will be opened.

RFP for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region

1. Introduction

- a) This Request for Proposal document ('RFP document' or RFP) has been prepared solely for the purpose of enabling Bank of Baroda ('Bank') to select Vendor for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region..
- The purpose of the BANK OF BARODA behind this RFP is to seek a detailed technical and commercial proposal from the experienced vendors having experience in similar type of work.
 - This RFP is not an agreement and is neither an offer nor invitation by the Bank to the prospective Bidder/s or any other person or entity. This RFP may not be appropriate for all persons, and it is not possible for the Bank, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP. While all care has been taken to keep the assumptions, assessments, statements and information contained in this RFP as relevant, complete, accurate, adequate and correct, it may not be taken as final.

2. Eligibility Criteria:

- I. Minimum average yearly turnover of 100 % of the estimated cost during the last 3 years.

- II. The vendor must have experience of minimum 3 years in Servicing and Installation of Addressable Fire Alarm System for large office buildings / commercial premises / industrial houses (as on August 31, 2022).
- III. The Vendor must have a service centre in any of the Cities viz. Surat, Vadodara, Ahmedabad for rendering after sales services.
- IV. **Work Executed.** The bidder shall have carried out similar work as mentioned below of Supply, Installation, Testing and Commissioning of Addressable Fire Alarm System each during last 03 financial years
 - a. One similar work of 80% of estimated cost OR
 - b. Two similar works of 50% of estimated cost OR
 - c. Three similar works of 40% of estimated cost.
- V. **Product Certification.** The fire alarm system shall comply with requirements of NFPA Standard No. 72. The Major system components must be EN-54/UL certified /approved The products should be based on latest technology for the specific requirement.
- VI. **OEM Certificate.** The applicant should have OEM certificate from original equipment manufacturer along with confirmation that they would supply original quality spare parts for the quoted model for minimum next 5 years from the date of installation. OEM letter to be in Original and no photocopy or colored Xerox will be acceptable (In absence of the original certificate from the OEM the Service provider will be disqualified)

Applicant should submit authorization letter from OEM for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region.
- VII. **Performance Certificate:** The applicant should submit a "Satisfactory Performance Certificate" from at least -03- PSU / PSB / RRB / Private Organization on whose panel it is conducting business related to Supply, Installation, Testing and Commissioning of Addressable Fire Alarm System.
- VIII. **Supply & Installation:** The applicant should be able to supply and install the products for which empanelment is sought by themselves. No subletting of the work is permissible.
- IX. Latest BIS, FCC, UL, IEEE, FM and CE certifications.
- X. Documentation (Product Brochures, leaflets, manuals etc.)
- XI. The bidder should comply with the specification of Addressable Fire Alarm System.
- XII. **Past Record:** The applicant should not have been blacklisted by any PSU/PSB/Govt Organization in past 5 years or services terminated due to poor

performance. A certificate be submitted stating that the company/firm or its owner or any sister concern have not been blacklisted.

XIII. If Bank has issued a dissatisfactory letter / termination of work contract due to dissatisfactory services to the agency the bid of the company will be rejected.

3. Scope of Work and Flow Chart:

- I. The scope of work includes Supply, installation, testing, commissioning and handing over of Addressable fire alarm system for the Bank's Regional Office , Baroda Sun Complex, Surat. There is an existing non-working fire alarm system in the building and intended tenderers may visit the site and understand the work before quoting.
- II. A new addressable Fire Alarm System shall be supplied and installed in accordance with the specifications replacing the existing Fire Alarm Panel(s), other devices but retaining existing wiring which is not damaged and can be used in new installation.
- III. Supply and Delivery of Addressable Fire Alarm System and its components including packing, handling, transporting, clearing, loading/unloading, etc. to Bank's site.
- IV. Installation, testing & commissioning of Addressable Fire Alarm System as per technical specifications.
- V. Providing all-inclusive service including all spares, etc. during warranty period (DLP) and CAMC period of new Addressable Fire Alarm System.
- VI. All engineering, equipment, labour, and permits required for satisfactorily completion of Addressable Fire Alarm System as per Specification.
- VII. Any other ancillary work, related to but not mentioned above, required for satisfactory completion of the job.
- VIII. Unless otherwise mentioned in the RFP documents, the following work shall be done by the contractor and therefore, their cost shall be deemed to be included in their RFP cost, whether specifically indicated in the schedule of work or not:
- IX. Making good all damages caused to the structure during installation and restoring the same to their original finish.
- X. Minor building work necessary for installation of equipment, cable, making of opening in walls or in the floors and restoring them to their original condition/ finish and necessary grouting etc. as required. Debris if any, shall be disposed off outside the premises to the area marked by Municipal authorities for this purpose.

- XI. All electricity work and neutral earthing, body earthing, required for engine and alternator, main board/control panels and control wiring including loop earthing, if specified in schedule of work. The work shall be done confirming to relevant BIS.
- XII. Though mentioned above, the scope of the work is not limited strictly to the areas/units mentioned, but is required to be carried out at any other locations other than those mentioned above as directed by the Bank.
- XIII. Supply of manpower with tools and tackles etc., along with supervision to carry out the miscellaneous jobs as directed by the Bank.
- XIV. All the jobs given to the agency shall be taken up on priority basis without any delay by mobilizing all the resources immediately at site.
- XV. If the job is delayed beyond the given schedule, Bank shall be at its discretion to execute job through any other suitable agency at the risk and cost of the original agency.
- XVI. There may be other contractor working inside the campus simultaneously for carrying out other works. Cooperation and coordination between the contractors shall be maintained including permitting them to use the Scaffoldings.
- XVII. All Sundry equipment/fittings, assemblies, accessories, hardware items, foundation bolts, supports, termination lugs for electrical connections, cable glands, cable trays, junction boxes and all other sundry items for proper assembly and installation of the various equipment and components of the work shall be

✓ The Bank reserves the right to cancel / terminate the work order any time of the contract / hand over the uncompleted work to other qualified vendors at its discretion.

deemed to have been included in the RFP, irrespective of the fact that whether such items are specifically mentioned in RFP document or not.

4. General Terms and Conditions

- I. The rates quoted for carrying out Supply, Installation, Testing and Commissioning must be inclusive of all the charges i.e. Transportation, Technicians' Fee, TA / DA and any other expenses necessary for completion of work whatsoever but **excluding GST**.
- II. Rates quoted in this tender shall be inclusive of cost of materials, labor, supervision, tools, plant, scaffolding, insurance, service connections, transport to site, taxes, SITC and levies, breakage, wastage, excavation, refilling, bedding, encasing, transportation of lifts/leads and all such expenses as may be necessary and required to completely do all the items of work at site and put them in a working condition.
- III. **The successful bidder shall have to deposit 3% of total work award value as Performance Bank Guarantee valid till completion of DLP (Defect Liability Period of one year), which in the event of not carrying out the contracted services, as per terms and condition of the RFP, shall be forfeited.**

- IV. **The successful bidder shall have to deposit 3% of CAMC cost as Performance Bank Guarantee (valid till completion of CAMC period) two month before commencement of CAMC period, which in the event of not carrying out the contracted services, as per terms and condition of the RFP, shall be forfeited.**
- V. The rates quoted shall be binding for 3 year from the date of awarding of the contract and no increase whatsoever will be considered.
- VI. The RFP document must be filled in English. If any of the documents are missing or un-signed in price bid, the RFP shall be considered invalid. In case of technical bid, the details of incomplete or missing documents will be intimated to the bidder and the bidder has to submit all those documents within 2 days after communicating the same, otherwise the RFP will be rejected.
- VII. The bidder, apart from being a competent contractor must co-ordinate himself with all the agencies as and when required.
- VIII. Before quoting, the bidder shall inspect the site, to fully acquaint himself about the condition in regard to accessibility of the site, working condition of site, locality including installations of tools and plants (T&P) and local authority regulations / restrictions if any, conditions affecting accommodations and movement of personnel etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Bank in any circumstances.
- IX. The quantities of various items given in the schedule of quantities are approximate. The quantities of work may vary at time of allotment / execution of work. Bank reserves the right to omit / delete any item(s) of work from the schedule at the time of allotment / execution of work. Contractor will be paid for the actual work done at the site duly verified by the concerned official of the bank.
- X. The successful bidder shall execute an agreement on non-judicial stamp paper with Bank in accordance with the standard format enclosed (Articles of Agreement) within 07 days from date of issue of work order failing which the bidder's EMD may stand forfeited.

5. Information Provided

- I. Technical requirements elaborated in tender to be submitted with the offer letter
- II. The RFP document contains statements derived from information believed to be true and reliable at the date obtained; but does not purport to provide all of the information that may be necessary or desirable to enable an intending contracting party to determine whether or not to enter into a contract or arrangement with the Bank in relation to the scope of this RFP. Neither the Bank nor any of its directors, officers, employees, agents, representatives, contractors, or advisors gives any representation or warranty (whether oral or written), express or implied, as to the accuracy, updating or completeness of any writings, information or statement given or made in this RFP document.
- III. The Bank may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

6. Rates & Discrepancies etc.

- I. The contractor shall quote the rate after careful examination RFP documents & drawings.
- II. The bidders shall quote the rates both in figures and words. If some discrepancies found between the rates quoted in figures and words, the following procedure shall be adopted for checking and arithmetic calculation:
 - a. When there is difference between the rates in figures and words, the rates, which correspond to the amount worked out by the bidder, shall be taken as correct.
 - b. When the rates quoted by the bidder in figures and words tally but amount is incorrect, the rate quoted by the bidder in words shall be taken as correct.
 - c. When it is not possible to ascertain the correct rate by either of the above methods, the rates quoted in words shall be taken as correct.
 - d. All erasures and alterations made while filling the RFP must be attested by initials of the bidder. Overwriting of figures is not permitted and failure to comply with either of these conditions will render the RFP void at the Bank's option. No advice of any change in rate or conditions after opening of the RFP will be entertained.
 - e. In case the contractor has not quoted both rate and amount for any items, then the maximum of the quotes for that item by other bidders shall be taken for assessing the value of his RFP. Further, in case he is awarded the work, the rate for the said item shall be payable as per the lowest rate quoted by other bidders.
 - f. The rate quoted shall be inclusive of all material, labour, profit, tools and tackles, lead and lift, transportation, cutting etc complete including all the taxes, duties, cess, excise, octroi, LBT, etc. The GST will be paid over and above quoted rates as per the prevailing rates to the contractor on production of necessary documents.
- III. 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 of completion of such works. The Bank does not accept liability for any sum towards loss of overheads & profits of the contractor besides the accepted amount, subject to such variations as are provided for herein or as deemed fit to Bank. However, necessary time extension will be allowed if the delay is not attributable to contractor.
- IV. The Bidders shall before submitting their bids carefully examine the RFP Documents and if there should be or appear to be any ambiguity in / or discrepancy between any of these documents, he shall immediately refer the matter to the Bank for clarification before submission of RFP. However, in case of any discrepancies between Specifications and B.O.Q. items, B.O.Q. item shall supersede the others for quoting of rates.

7. Forms & Documents

- I. The bidder must use only the forms issued by the Bank to fill the rates.
- II. The RFP Form and the documents attached to it shall not be detached one from the other, and no alteration or mutilation (other than filling in all the blank spaces) shall be made in any of the documents attached hereto.
- III. All documents of the RFP are to be read in conjunction with each other and rates quoted by the bidder shall take this aspect into consideration.

8. Signing of Documents

- I. Each page of the RFP documents should be signed by the person or persons submitting the RFP in token of his / their having acquainted himself / themselves with the General Conditions of Contract, Specifications, Special Conditions, etc., as laid down. Any RFP with any of the documents not signed will likely be rejected.
- II. The RFP submitted on behalf of a firm shall be signed by all the partners of the firm or by a person who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise, the RFP may be rejected by the Bank
- III. RFP shall contain full address, Telephone Nos., Fax No. for serving notices / addendums required to be served to the Bidder in connection with the RFP.
- IV. Power of Attorney in the name of person(s) who has / have signed the RFP document.

9. For Bidders Only

- The RFP document is intended for the information of the prospective bidder/s and no other person or organization.

10. Costs Borne by Bidders

- All costs and expenses (whether in terms of time or money) incurred by Bank / Bidder/s in any way associated with the development, preparation, and submission of responses, including but not limited to attendance at meetings, discussions, site/infrastructure visits etc. and providing any additional information required by the Bank, will be borne entirely and exclusively by the Respondent.

11. No Legal Relationship

- No binding legal relationship will exist between any of the Bank / Bidder/s and the Bank until execution of a contractual agreement to the full satisfaction of the Bank.

12. Recipients' Obligation to Inform Itself

- It is the Recipient's responsibility to conduct visit and analyze any information contained in the RFP document and the meaning and impact of that information.

13. Evaluation of Offers

- a. Each Recipient acknowledges and accepts that the Bank may, in its sole and absolute discretion, apply whatever criteria it deems appropriate in the selection of the bidder /s for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region.
- b. Bank will examine each RFP to satisfy whether - i) has been properly signed, ii) is accompanied by required scrutiny and documents and their correctness. A substantially responsive RFP is one, which conforms to all terms, condition and specifications of RFP Documents without material deviation or reservation. The RFP Evaluation will be as under:-
 - I. The RFP which does not fulfill the submission of documents of Information & Instruction to Bidders or elsewhere in the RFP document will be treated as unqualified and will be rejected.
 - II. The Bidder whose documents are found in order and satisfactory as stated above will be treated as responsive RFPs and the Price Bid of responsive RFPs will only be opened.
- c. During evaluation Bank may ask for any clarification or documents including breakdown of unit rates to the bidder but no change in the price or substance of the bid will be sought.
- d. The issuance of RFP document is merely an invitation for short listing/ selecting the bidders who meet the benchmark of technical and financial capacity criteria and must not be construed as any agreement or contract or arrangement nor would it be construed as any investigation or review carried out by a Recipient, nor would it be conferring any right on the bidder over the Bank for any kind of claim whatsoever. The Recipient unconditionally acknowledges by submitting its response to this RFP document that it has not relied on any idea, information, statement, representation, or warranty given in this RFP document.

14. Acceptance of Terms

- A Recipient will, by responding to the Bank with a submission, be deemed to have unconditionally accepted all the terms and conditions of this Introduction, RFP and Disclaimers.

12. Standards

- a. All standards to be followed will adhere to Bureau of Indian Standards (BIS) specifications and other relevant codes and standards.
- b. The fire alarm system shall comply with requirements of NFPA Standard No. 72. The Major system components must be EN-54/UL certified /approved.
- c. The Contractor shall use necessary safety equipment and maintain all safety measures during the execution of works and ensure compliance of Safety Code as per Rules and Regulations in force.

13. Earnest Money Deposit (EMD)

- a. The EMD shall be denominated in Rupees and the bidder shall submit the EMD of INR 15,000/- (Rupees Fifteen Thousand only) in the form of Bank Draft/Banker's Cheque in favor of Bank of Baroda, payable at Surat only. Any bid without EMD will not be considered under any circumstances.
- b. EMD would be kept in a separate envelope duly superscripted "SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF NEW ADDRESSABLE FIRE ALARM SYSTEM IN BARODA SUN COMPLEX, REGIONAL OFFICE, SURAT CITY REGION" along with the Name of the Bidder.
- c. MSME / NSIC registered firm will be exempted from EMD and RFP Fee on submission of valid proof / certification of the same.
- d. The EMD of unsuccessful Bidders will be returned within two weeks from the date of opening of financial bid.
- e. Financial Bid of only those bidder would be opened who have technically qualified which will be communicated by E-mail, at a later date.
- f. No interest is payable in the EMD.
- g. EMD may be forfeited in the event of withdrawal of bid during the bid validity period or if successful bidder fails to sign the contract (SLA) in accordance with the terms and conditions and other requirements specified in the RFP or any act of the bidder not in line with contract obligations. EMD may be forfeited if a bidder makes and statement or encloses any form which turns out to be false/ incorrect at any time prior to signing the SLA. If EMD is forfeited for any reason, the concerned bidder may be debarred from further participation in future bids floated by the Bank, as per discretion of the Bank.

14. Pre-Bid Meeting, Clarifications & Amendments

- a. Bidder/s requiring any clarification on the RFP may notify the Bank in writing through email only to (security.surat@bankofbaroda.com). Queries raised (without identifying source) and clarification issued by Bank of Baroda in the form of addendum/corrigendum, will be floated in the Bank's web-site only, no other communication would be made. It is the

responsibility of the bidder/s to check website before final submission of bids.

- b. All Bidders must ensure that such clarifications / amendments have been taken care by them before submitting the bid. Bank will not take responsibility for any omission by the bidder/s.
- c. At any time prior to the deadline for submission of bids, the Bank, for any reason, whether at its own initiative or in the response to a clarification requested by the prospective Bidder, may modify the Bid Document, by amendment.
- d. In order to enable the bidder/s; reasonable time in which to take amendments into account in preparing the bids, the Bank, at its discretion may extend the deadline for submission of bids.

15. Submission of RFP:

“ENVELOPE No.1”

- I. **The envelope for Offer Letter, “ENVELOPE No.1” shall be superscribed, “Technical Bid for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region ” and shall contain technical bid and contain sealed envelope in which Earnest Money/MSME Certificate only.**

“ENVELOPE No.2”

- II. **The envelope containing Financial Bid, “ENVELOPE No.2” shall be superscribed “FINANCIAL BID for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region” and shall contain the following:**
 - Rates for **Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region**, only in the format given in the RFP Document ***Excluding GST***. Submission of Financial Bid In any format other than the provided format or including any attachment other than the Financial Bid as per the format will not be accepted and the Bid will be considered as rejected.

16. Evaluation Process:

Technical Bids will be evaluated on the basis of compliance with eligibility criteria, technical specification, other terms and conditions stipulated in the RFP document. Financial Bids of only those bidders who qualify in the technical evaluation will be opened.

Bank reserves the right to reject a RFP under any of the following circumstances:-

- a. If EMD is not submitted
- b. If RFP Documents are incomplete and /or not accompanied by all stipulated

documents.

- c. If any of the terms and conditions and mandatory declarations are not accepted.
- d. If required information with appropriate documents in support of the same is not submitted as per **tender**
- e. Agency should have been in the business for minimum **3 years**. This period of - 3- Years in business should have been completed on the date of application. Proof for previous three years for services provided to any institution preferably PSUs/PSBs and should submit report of satisfactory service from them.
- f. **The total rates stated in financial bid shall be considered for financial evaluation of the Financial Bid of the RFP.** The Total cost of the above for three years including the annual increase will be calculated and considered for evaluation of the Financial Bid.
- g. Subject to the Clause 16 (h) herein below Bank will award the contract to the Bidder whose bid has been determined to be substantially responsive and whose offer has been found lowest after arithmetical checking.
- h. The Bank does not bind himself to accept, the lowest or any RFP and reserves to itself the right to accept or reject any or all the RFPs, either in whole or in part, without assigning any reasons for doing so. The Bank also has the right to re-invite the RFP at his sole discretion.

17. Buy-back Arrangement:

- a. Bidders shall quote the buy-back price for the existing Addressable Fire Alarm System and its related components except the wiring.
- b. Bidders shall arrange for removal and taking away the old Fire Alarm System set under buy- back arrangement.

18. Validity of Bids:

- Bids shall remain valid for a period of 90 Days from the date of opening of the Financial Bid. A bid valid for a shorter period may be rejected by the Bank as non-responsive. Validity of all the eligible bids would be required till the successful bidder/s sign contract with Bank.

19. Bank's right to accept any Bids and to reject any or all bids

- The Bank reserves the right to accept or reject any Bid/s in part or in full or to cancel the Bidding process and reject all bids at any time prior to contract award, without incurring any liability to the affected bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Bank's action.
- The decision of Bank in awarding the work shall be final and cannot be subjected to arbitration.
- Bank reserve rights to delete/add any item in financial bid during execution of work.

20. Contacting the Bank

- a. No bidder/s shall contact the Bank on any matter relating to its Bid, from the time of opening of RFP to the time contract is awarded.
- b. Any effort by the Bidder/s to influence the Bank in its decision on RFP evaluation, RFP comparison or contract award may result in rejection of the Bidder's RFP.

21. Award and Signing of Contract

- a. Bank of Baroda will communicate to successful bidder/s (through letter in duplicate / by email) that its bid have been accepted.
- b. It would be mandatory for L1 Bidder to accept the work awarded by the Bank, if failed the EMD would be forfeited.
- c. The successful L-1 Bidder shall deposit by Bank Draft/ Banker's Cheque a sum equal to 2% of the accepted Contract value within 7 days of issue of letter of Acceptance / Work Order failing which the Bank at his discretion may revoke the letter of Acceptance / Work order and forfeit the Earnest Money Deposit.
- d. Successful L1 bidder has to provide unconditional Performance Bank Guarantee of 3% of work award value from any Schedule Commercial Bank excluding Co-operative Bank and Bank of Baroda.
- e. In case the RFP is cancelled, Bank of Baroda reserves the right to take appropriate decision, including calling up of fresh RFPs.
- f. The successful bidder/s shall be required to enter into a contract with the Bank, within 15 days of receipt of formal communication (email or letter) from the Bank about the successful RFP. Copy of the board resolution or power of attorney showing that the signatory has been duly authorized to sign the acceptance letter and contract should be submitted. In case the bidder fails to enter into contract with the Bank within the stipulated time, Bank reserves the right to cancel the order and cancel the RFP.
- g. Failure of the successful Bidder to enter into contract with the Bank within the stipulated time shall constitute sufficient grounds for the annulment of the award and forfeiture of the EMD.
- h. The Bank reserves the Right either to invoke the Performance Bank Guarantee or to cancel the purchase order or both if the Bidder fail to meet the terms of this Bid or contracts entered in to with them.

22. Quantities and Variation

- a. The Bill of Quantities (BOQ), unless otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurement and quantities in B.O.Q. are to be considered as estimated and not accurate. The rates quoted shall remain valid for variation of quantity against each individual item by + 50%.
- b. Variation Exceeding 50% of RFP Quantity : When the quantity of any item varies by + 50% of RFP Quantity, the rate for such item of works will be

determined on the basis Cl. No. 29 (c) hereof or as decided by the Bank. No compensation for deletion or non-execution of item will be considered.

23. Works to be measured

- a. The Fire Officer / Security Officer of the Bank may from time to time intimate to the Contractor that he requires the works to be measured & the Contractor shall forthwith attend or send a qualified Representative to assist the Fire Officer / Security Officer of the Bank in taking such measurements and calculations and to furnish all particulars or to give all assistance required by any of them.
- b. Should the Contractor not attend or neglect or omit to send such Representative, then the measurement taken by the Fire Officer / Security Officer of the Bank or a person approved by him shall be taken to be correct measurements of the works. Such measurements shall be taken in accordance with the Mode of Measurements detailed in the Specifications.
- c. The Contractor or his Representative may at the time of measurement take such notes and measurements as he may require.

24. Claims for additional expenses

Contractor have to take prior approval in writing from Bank before execution of additional/nonscheduled work, no payment shall be paid for such type of work.

25. Variations

In case the Bank think 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, the Bank shall give notice thereof in writing to the Contractor or shall confirm in writing within seven days of giving any such oral instructions. 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, stipulations, Specification or Contract Drawings without the previous consent in writing of the Bank and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Bank in accordance with the provisions of Clause no. 29 hereof, and the same shall be added to or deducted from the Contract value, as the case may be.

26. Valuation of Variations

No claim for an extra work shall be allowed unless it shall have been executed under authority of the Bank with the concurrence of the Bank as herein mentioned. Any such extra work is herein referred to as authorized extra and shall be made in accordance with the following provisions.

- a. Rates for all extra items, wherever possible, should be derived out of the accepted RFP rates. The accepted net rates or prices in the contract 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 herein.
- b. Where the extra works are not of similar character and / or not executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the date of receipt of order to carry out the work, inform the Bank of the rate which he intends to charge for such items of work, supported by analysis of the rate or rates claimed and the Bank shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the verification of market rate.

27. Payment Terms

The terms of payment are as under:-

Submission of Final Bill	Within 60 days from the date of virtual completion as certified by the Fire Officer/Security Officer of the Bank.
Payment of Final Bill	Within 60 days from the date of submission of the bill by the Contractor along-with the certificate of completion.
Retention Money / Security Deposit from Interim bills	To be deducted @ 8% of each Interim Bill subjected to total Security Deposit i.e. total of Retention Money & Initial Security deposit does not exceed 3% of Contract Price or Final Actual Value whichever is greater.
Release of Security Deposit	50% upon issue of certificate of virtual completion and 50% after DLP of one year.
Payment of AMC Charges	Will be done on Half-Yearly basis (i.e., for 2 quarters at a time) after production of visit report in original to the Security Officer.

*No advance payment against work order

28. Performance Bank Guarantee

- a. Successful L1 bidder has to provide unconditional Performance Bank Guarantee of 3% of estimated work award value from any Schedule Commercial Bank excluding Co-operative Bank and Bank of Baroda will be deposited at Regional Office, Surat City Region, Surat for a period of 12 months or till expiry of DLP with grace period of 3 months (Defects Liability Period) from the date of commencement of contract.
- b. The successful bidder shall have to deposit 3% of CAMC cost as Performance Bank Guarantee with grace period of 3 months (valid till completion of CAMC period) one month before commencement of CAMC period, which in the event

of not carrying out the contracted services, as per terms and condition of the RFP, shall be forfeited.

- c. The Performance Bank Guarantee shall be adjusted against any loss, damage, delay expense etc. to the Bank. Bank reserves the right to take appropriate decision on the adjustment of the Performance Bank Guarantee. During the period of contract including AMC period supplier should attend to all repairs / defects / replacement of minor spare parts free of cost. In case of failure on the part of the supplier to attend to the defects within a reasonable period, the Bank on its own will get the defects rectified through another vendor at the risk and cost of supplier and repairs rectified through another vendor in such circumstance will not affect the liabilities of the supplier on the warranty for its remaining period nor will it affect the supplier's liabilities on the stipulated Annual Maintenance Contracts.

29. Contract Period

- a. The selected bidder/s need to execute a definitive Service Level Agreement (SLA) with the Bank covering all the terms and conditions of the RFP.
- b. Any offer falling short of the contract validity period of 4 Years, from the date of project sign off, is liable for rejection.

30. Agreement

The service provider shall be required to enter into an agreement with bank, based on terms and conditions mentioned in the RFP document. The agreement can be extended upto 1 Year in case of any eventuality and accordingly performance bank guarantee shall be extended for the same period.

31. Cancellation of Contract

- a. The Bank reserves the absolute right to cancel the contract with the selected bidder at any time during the contract period, by giving a written notice of at least one (01) Month, for any valid reason, including but not limited to the following reasons:
- i. Delay in execution of activities prescribed by the Bank without adhering to given process timeline / quantity.
- ii. Discrepancies / deviations in the agreed process and / of products.
- iii. Violation of terms and conditions stipulated in this Bid / Contract.
- iv. Unsatisfactory performance of the bidder.
- v. If work is not executed as per standards and norms applicable in India
- vi. Any other valid reason.

32. Penalties and Liquidated Damages:

- a. Vendor shall be liable to pay penalty of @ 1 % of contract value per week or part thereof for delay in not adhering to the time schedules.
- b. If the vendor fails to complete the due performance as per the contract / work order, Bank reserves the right to terminate the contract and recover Liquidated Damages 5% of contract value.
- c. Both the above Penalty and Liquidated Damages are independent of each other and leviable applicable separately and concurrently.
- d. The Penalty and Liquidated Damages are not applicable in case the delay is for reasons attributable to the bank and Force Majeure. However it is the responsibility of the vendor to prove that the delay is attributed to BANK and Force Majeure. The decision taken by BANK in this regard shall be final and vendor shall not dispute the same.
- e. If the vendor fails to perform its obligation as per this Agreement then BANK reserves the right to get the balance work executed by another vendor as per choice of BANK and vendor shall be liable to bear the expenditure which BANK may incur for the execution of balance work and its completion.

33. Defect Liability Period

Any defect, shrinkage, settlement or other faults which may appear within the "Defects Liability Period" stated in the RFP hereto or, if none stated, then within 365 days after the date of the virtual completion of the works as certified by the Fire Officer / Security Officer of the Bank, arising in the opinion of the Fire Officer / Security Officer of the Bank from materials or workmanship not in accordance with the contract, shall upon the direction in writing of the Fire Officer / Security Officer of the Bank, 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 Bank may employ and pay other persons to amend and make good such defects, shrinkage, settlements or 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 Bank or may be deducted by the Bank, upon the Fire Officer / Security Officer of the Bank's Certificate in writing, from any money due or that may become due to the Contractor, or the Bank may in lieu of such amending and making good by the Contractor deduct from any monies due to the Contractor, a sum, to be determined by the Bank equivalent to the cost of amending such work and in the event of the amount retained hereof being insufficient, recover the balance from the Contractor, together with any expenses the Bank may have incurred in connection therewith. Should any defective work have been done or material supplied by any Specialist Agencies employed on the works who has been nominated or approved by the Bank, 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 hereof. The Contractor shall remain liable under the provisions of this Clause notwithstanding the signing of any certificate or the passing of any accounts, by the Bank. The Contractor will not be responsible for defects arising out of fair wear & tear & damage caused by Bank's personnel during the use of the building after being occupied.

34. Bank of Baroda reserves the right to

- a. Reject any and all responses received in response to the RFP.
- b. Waive or Change any formalities, irregularities, or inconsistencies in proposal format delivery.
- c. Amend/ modify terms & conditions of RFP.
- d. Extend the time for submission of the RFP.
- e. Select the most responsive Bidder (in case no Bidder satisfies the eligibility criteria in totality)
- f. Share the information/ clarifications provided in response to RFP by any Bidder, with any other Bidder(s) /others, in any form.
- g. Re-negotiate the price and terms of the entire contract with the bidder at more favorable terms in case such terms are offered in the industry at that time.
- h. Cancel the RFP at any stage, without assigning any reason whatsoever.

35. Inspection of Facilities

- The applicant should not have any objection to Bank inspecting the site where the AMC is being done by the applicant. Bank may also hold enquiries from past / present clients of the applicant.

36. Grievance Redressal

- Any vendor have a grievance against a decision or action with regards to the provisions of this RFP may file a request to the Manager (Security) at _____@bankofbaroda.com. It may please be noted that the grievance can be filed by only that vendor who has participated in Procurement proceedings in accordance with the provisions of this RFP.

37. Indemnity

The bidder shall indemnify the Bank, and shall always keep indemnified and hold the Bank, its employees, personnel, officers, directors, (hereinafter collectively referred to as "Personnel") harmless from and against any and all losses, liabilities, claims, actions, costs and expenses (including attorneys' fees) relating to, resulting directly or indirectly from or in any way arising out of any claim, suit or proceeding brought against the Bank as a result of:

- Bank's authorized / bona fide use of the Deliverables and /or the Services provided by Bidder under this assignment ; and/or
- Negligence or willful misconduct of the Bidder and/or its employees, agents, sub-contractors in performance of the obligations under this assignment; and/or
- claims made by employees or subcontractors or subcontractors' employees, who are deployed by the Bidder, against the Bank; and/or
- claims arising out of employment, non-payment of remuneration and non-provision of statutory benefits by the Bidder to its employees, its agents, contractors and sub-

contractors, or breach of any terms, representation or false representation or inaccurate statement or assurance or covenant or warranty of the Bidder under this assignment; and/or

- breach of confidentiality obligations of the Bidder ; and/or
- any or all Deliverables or Services infringing any patent, trademarks, copyrights or such other Intellectual Property Rights;

Bank shall notifies the Bidder in writing as soon as practicable when the Bank becomes aware of the claim, and Co-operates with the Bidder in the defense and settlement of the claims.

The Bidder shall have sole control of the defense and all related settlement/ negotiations, and Bank will provide the Bidder with the assistance, information and authority reasonably necessary to perform the above.

In the event of successful bidder not fulfilling its obligations under this clause within the period specified in the notice issued by the Bank, Bank has the right to recover the amounts due to it under this provision from any amount payable to the Bidder under this assignment.

The indemnities under this clause are in addition to and without prejudice to the indemnities given elsewhere in this RFP.

38. Dispute Resolution

Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, manner or thing whatsoever in any way arising out for relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, Termination, completion or abandonment thereof shall be dealt with as mentioned herein after.

- i) If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Interior Designer or in case the contractor wants to dispute the validity of
- ii) any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the contractor shall forthwith give notice in writing of his claim, or dispute to the Regional Manager, Surat City Region, Bank Of Baroda and endorse a copy of the same to the

Interior Designer, within 30 days from the date of disallowance thereof or the date of deduction or recovery. the said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the Bank be in any way liable in respect of any claim by the contractor unless notice of such claim shall have been given by the contractor to the Regional Manager, Surat City Region, Bank of Baroda in the manner and within the time as aforesaid. The contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the Regional Manager, Surat City Region, Bank of Baroda in writing in the manner and within the time as aforesaid.

- iii) Regional Manager, Surat City Region, Bank of Baroda shall give his decision in writing on the claims notified by the contractor. The contractor may within 30 days of the receipt of the decision of Regional Manager, Surat City Region, Bank of Baroda submit his claims to the conciliating authority namely the Dy. General Manager, Bank of Baroda for conciliation along with all details and copies of correspondence exchanged between him and the Regional Manager, Surat City Region, Bank of Baroda.

39 Arbitration

If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall, within a period of 30 days of termination thereof shall give a notice to the concerned Regional Manager, Surat City Region, Bank Of Baroda, Surat of the Bank for referring the dispute for resolution by formal arbitration. ~~for appointment of an Arbitrator to adjudicate the notified claims failing which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.~~

The dispute, controversy or claims arising out of or in connection with the Agreement shall be referred to sole arbitrator to be appointed by mutual consent. The place of arbitration shall be at the respective Regional Office. The arbitral procedure shall be conducted in the English language and any award or awards shall be rendered in English. The procedural law of the arbitration shall be the Indian Law.

The award of the arbitrator shall be final and conclusive and binding upon the Parties and the Parties shall be entitled (but not obliged) to enter judgment thereon in any one or more of the highest courts having jurisdiction. The Parties further agree that such enforcement shall be subject to the provisions of the Indian Arbitration and

~~Conciliation Act, 1996 and neither Party shall seek to resist the enforcement of any award in India on the basis that award is not subject to such provisions. shall be Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the Bank shall be referred for adjudication through arbitration by the sole Arbitrator appointed by the Regional Manager, Surat City Region, Bank Of Baroda, Surat. It will also be no objection to any such appointment that the Arbitrator so appointed is a Bank officer and that he had to deal with matter to which the contract relates in the course of his duties as Bank officer. If the Arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole Arbitrator shall be appointed in the manner aforesaid by the said Regional Manager, Surat City Region, Bank Of Baroda, Surat. Such person shall be entitled to proceed with the reference from the stage be entitled to proceed with the reference from the stage at which it was left by his Predecessor.~~

~~It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each dispute along with the notice for appointment of arbitrator. It is also a term of this contract that no person other than a person appointed by such Regional Manager, Surat City Region, Bank of Baroda, Surat as aforesaid should act as Arbitrator. The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under. It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties. However, no fees will be payable to the arbitrator if he is a Bank officer. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees of the -if any, of the arbitrator shall, if required to be paid before the award is made and published. be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof, shall be paid and fix or settle the amount of costs to be so paid.~~

40. Governing Laws

This RFP and the subsequent contract shall be governed and construed and enforced in accordance with the laws of India. Both Parties shall agree that in respect of any dispute arising upon, over or in respect of any of the terms of this

Agreement, only the courts in Surat shall have exclusive jurisdiction to try and adjudicate such disputes to the exclusion of all other courts.

Guidelines issued by Govt. for COVID-19- Contractor has to strictly follow all the guidelines issued by the local/state/ central or any concern department for COVID-19.

41. Contract Agreement

On receipt of intimation from the Bank of the acceptance of his / their tender, the successful tenderer shall be bound to implement the contract & within seven days thereof, the successful tenderer shall sign an agreement in accordance with the draft agreement. The Contract shall be executed in quadruplicate and the Bank shall be entitled to one executed copy each for their use.

42. Commencement of Works

Contractor shall commence the work within 15 days from the date of issue of the Acceptance Letter / Work Order issued to the Contractor or the date of handing over of site whichever is later.

43. Possession of Site

Save in so far as the Contract may prescribe the extent of portions of the Site of which the Contractor is to be given possession from time to time and the order in which such portions shall be made available to him and subject to any requirement in the Contract as to the order in which the Works shall be executed, the Bank will within 7 days from the date of issue of acceptance letter / work order give to the Contractor possession of so much of the Site as may be required to enable the Contractor to commence and proceed with the programme and otherwise in accordance with such reasonable proposals of the Contractor as he shall, by notice in writing to the Bank, make and will from time to time as the Works proceed give to the Contractor possession of such further portions of the Site as may be required to enable the Contractor to proceed with the construction of the Works in accordance with the said programme or proposals (as the case may be).

If the Contractor suffers delay or incurs expense from failure on the part of the Bank to give possession in accordance with the terms of this clause the EIC shall grant an extension of time for the completion of the works on approval from Bank.

44. Insurance Policies

On commencement for the work:-

- a) The contractor shall take out a suitable C.A.R. Insurance policy covering entire scope of the works under this contract for the value of work as per contract tender conditions and arrange to keep the policy valid till issue of virtual completion certificate/ handing over of the project..

- b) The contractor shall take out and submit to the Bank, a suitable insurance policy against third party risks. The limit of liability of this insurance shall be limited to Rs.5 Lakh in respect of any one accident or series of accidents arising out of one event or Rs.2 Lakh in respect of any passer-by. The policy shall be kept valid, issue of virtual completion certificate/ handing over of the project.
- c) The contractor shall take out and submit to Bank a suitable Insurance Policy against Workmen's compensation / Janata Policy as per requirements. The policy shall be kept valid till issue of virtual completion certificate/ handing over of the project.
- d) Necessary PF & ESI contribution of contractor's labourers will have to be paid by contractor as per statutory authority's regulations and BANK shall be absolved of all the risk.

45. In Respect of Damage to Person and Property:-

From Commencement to Completion, the Contractor shall be responsible for all injury to persons, animal or things and for all structural and decorative damage to property which may arise from operation or neglect of himself or any subcontractor or of any of his or a sub- contractor's employee whether such injury or damage may arise from carelessness, accident or any other cause whether in any way connected with the carrying out of this contract. This clause shall be held to include interalia any damage to building, whether immediately adjacent or otherwise, any damages to roads, streets, footpaths, bridges, or ways as well as all damage to the buildings and works forming the subject of this contract by first or other inclemency weather. The contractor shall indemnify the Bank and hold him harmless in respect of all and

Any expenses arising from any such injury or damage to persons or property as aforesaid and also in respect of any claim made in respect of any award of compensation or damages consequent upon such claim, the contractor shall reinstate all damage of every spot mentioned in this clause so as to deliver up the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damage to the property of third parties.

46. Against third party risks:-

On commencement of the work, the contractor shall take out and submit to the Bank a suitable insurance policy against third party risks. The limits of liability of this insurance shall be as follows:

Rs. 5 Lakhs in respect of any one accident or series of accidents arising out of one event. Contractor shall take out third party insurance for 3 no. of such accidents and repetition of the same after three occurrence including visitors like Local Authority, Vendors etc.

CONTRACTOR'S LIABILITY AND INSURANCE SUMMARY

Sr. No	Nature and Scope of Risk	Value of Insurance	Validity Period of Insurance	Name of the Insurer	Insurance Policy No. and
1.	Loss of damage to works or any part thereof and all materials at site from any cause whatsoever. CAR Policy	100 % of Contract Amount	The policy shall be valid till issue of virtual completion certificate.	The policy shall be in the joint names of the Bank	
2.	Damage, Loss or Injury to any Property of the Bank or Consultant to any person including the Bank or Consultant for his Agents and Servants.	Rs. 5.00 Lakhs per claim upto 3 claims	- DO -	- DO -	
3.	Claims under the Workmen's Compensation Act, 1923	As per Govt. Rules	- DO -	- DO -	
4.	Third party insurance	Rs. 5 Lakhs in respect of any one accident or series of accidents arising out of one event. Contractor shall take out third party insurance for 3 no. of such accidents and repetition of the same after three occurrence including visitors like Local Authority,	- DO -	- DO -	

		Vendors etc.			
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46. Labour Laws

The Contractor shall at all times during the continuance of the Contract, comply fully with all existing Acts, regulations and bylaws including all statutory amendments and re-enactment of State or Central Government and other local authorities and any other enactments, notifications and acts that may be passed in future either by the State or the Central Government or local authority, including Indian Workmen's Compensation Act, Contract Labour (Regulation and Abolition) Act 1970 and Equal Remuneration Act 1976, Factories Act, Minimum Wages Act, Provident Fund Regulations, Employees Provident Fund Act, schemes made under the same Act and also Labour Regulations as revised Health and Sanitary Arrangement for Workmen, Insurance and other benefits and shall keep Bank indemnified in case any action is commenced by competent authorities for contravention by the Contractor. If the Bank is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated henceforth on the part of the Contractor, Bank shall have the right to deduct from any money due to the Contractor, his amount of Performance Security or recover from the Contractor personally any sum required or estimated to be required for making good the loss or damage suffered by the Bank, responsibility in connection with the employees of the contractor, who shall, in no case, be treated as the employees of the Bank at any point of time.

Fair Wages:

The Contractor shall pay the labourers engaged by him on the work not less than fair wage which expression shall mean, whether for time of piecework, the respective rates of wages fixed by the local authorities as fair wages for the area payable to the different categories of labourers or those notified under the Minimum Wages Act for corresponding employees of the Employer, whichever may be higher.

The Contractor shall, notwithstanding the provisions of a contract to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the Works, including any labour engaged by sub/contractors in connection with the said works as if the labourers had been directly employed by him.

Notices:

The Contractor shall before he commences the work, display, and correctly maintain in a clean and legible condition at a conspicuous place on the Site, notices in English and in a language spoken by the majority of the workers, stating therein the rate of wages which have been fixed as fair wages and the hours of work for which such wages are earned and send a copy of such notices to the Interior Designer.

Record of wages etc.

The contractor shall maintain records of wages and other remuneration paid to his employees in such form as may be convenient and as per the requirements of the Bank and the Conciliation Officer (central), Ministry of Labour Government of India, or such other authorized person appointed by the central or State Government and the same shall include the following particulars of each worker:

- a. Name, worker's number and grade;
- b. Rate of daily or monthly wage;
- c. Nature of work on which employed;
- d. Total number of days worked during each wage period;
- e. Total, amount payable for the work during each wage period; All deductions made from the wage with details
in each case of the ground for which the deduction is made;
- f. Wage actually paid for each wage period.
- g. The Contractor shall provide a Wage Slip for each worker, employed on the Works.
- h. The Wage records and Wage Slips shall be preserved for at least 12 months after the last entry for Inspection of Wage Records.
- i. The Contractor shall allow inspection of the aforesaid Wage Records and Wage Slips to the and to any of his workers or to his agent at a convenient time and place after due notice is received, or to the Employer or any other person authorized by him on his behalf.
- j. The Bank or any other person authorized by them on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of the Fair Wages Clause. He shall also have the Power to investigate into any complaint regarding any default made by the Contractor or subcontractor in regard to such provision.
- k. No party shall be represented by a legal practitioner in any investigation or inquiry under this Clause, unless Bank agree otherwise.

47. Safety Code

1. First aid appliances including adequate supply of sterilized dressings and cotton wool shall be provided in a readily accessible place.
2. An injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalization.
3. Suitable and strong scaffolds should be provided for workmen for all work that cannot safely be done from ground. 4. No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm (clear) and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding the ladder.
5. The excavated material shall not be placed within 1.5 meters of the edge of the trench or half of the depth of trench, whichever is more. All trenches and excavations shall be provided with necessary fencing and lighting.

6. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing; minimum height shall be one meter.
7. No floor, roof or other part of the structure shall be so overloaded with debris of materials as to render it unsafe.
8. Workers employed on mixing and handling material such as asphalt, cement mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand-gloves.
9. Those engaged in welding works shall be provided with welder's protective eyeshields and gloves.
10. i) No paint containing lead or lead products shall be used except in the forms of paste or readymade paint. ii) Suitable face masks shall 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.
11. Overalls shall be supplied by the Contractor to the painters and adequate facilities shall be provided to enable the working painters to wash during the period of cessation of work.
12. Hoisting machines and tackle used in the works, including their attachments, anchorage and support shall be in perfect condition.
13. The ropes used in hoisting or lowering material or a means of suspension shall be of durable quality and adequate strength and free from defects.
14. The contractor shall provide all the safety gadgets to the workers for carrying out the work as per statutory norms.
15. During the work execution necessary fire safety measures shall also be taken.

48. Accommodation for Labour:

The Contractor shall during the progress of the Work provide, erect and maintain necessary temporary living accommodation and ancillary for labour at his own expenses to the standards and scales as approved by the Bank.

49. Drinking Water:

In every workplace, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of water fit for drinking. Where drinking water is obtained from an intermittent public water supply, each workplace shall be provided with storage where drinking water shall be stored. Every water supply storage shall be at a distance of not less than 15 meters from any latrine, drain or other source of pollution. Where water has to be drawn from an existing well, which is within such proximity of latrine, drain or any other source of pollution, well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door which shall be dust-proof and water-proof. A reliable pump shall be fitted to each covered well. The trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

Labour rooms/staying facilities-Contractor have to make their own arrangement outside of the premises for staying labour.

50. Payment of Wages

- a. Wages due to every worker shall be paid to him direct. All wages should be paid in current coins or currency or in both.
- b. Wages of every worker employed on the Contract shall be paid where the wage period is one week, within THREE days from the end of the Wage period, and in any other case before the expiry of the 7th day or 10th day from the end of the wage period according as the number of workers does not exceed 1,000 or exceeds 1,000.
- c. Minimum wages to be paid to all the workers as per the statutory Govt. norms. The minimum wages of state/central whichever is highest to be paid to all the workers/labour.

NOTE: The term "Working Day" means a day on which the work on which the labour is employed is in progress.

Register of Workmen:

A register of workmen shall be maintained in the Form appended to the regulations and kept at the work site or as near to it as possible and relevant particulars of every workman shall be entered therein within THREE days of his employment.

Employment Card:

The Contractor shall issue an employment card in the Form appended to these regulations to each worker on the day of work or entry into his employment. If a worker already has any such card with him issued by the previous employer, the Contractor shall merely endorse that Employment Card with relevant entries. On termination of employment, the Employment Card shall again be endorsed by the Contractor and returned to the worker.

Register of Wages, etc.:

- i) A Register of Wages cum Muster Roll in the Form appended to these regulations shall be maintained and kept at the Work Site or as near to it as possible.
- ii) A wage slip in the form appended to these regulations shall be issued to every worker employed by the Contractor at least a day prior to disbursement of wages.

51. Force Majeure

Conditions of Force Majeure

The terms "Force Majeure" as employed herein shall mean act of God, war, revolt, riot, fire, flood and Acts & Regulations of respective Governments of the two parties namely the Employer and the Contractor.

Note : 'Typhoon', 'Cyclones', 'Hurricanes', 'Tornado' are covered under act of God.

In the event of either party being rendered unable by force majeure to perform any of obligations required to be performed by them under the Contract, the relative obligation of the party affected by such Force Majeure shall upon notification to the other party be suspended for the period of delay, which is directly caused by such Force Majeure event.

Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing

within (72) seventy two hours of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.

Time for performance of the relative obligation suspended by the Force Majeure shall then stand extended by the period of delay, which is directly caused by Force Majeure event. The party who has given such notice shall be executed from timely performance of its obligations under the Contract, for so long as the relevant event of Force Majeure continues and to the extent that such parties performance is prevented, hindered or delayed, provided the party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect thereof upon its performance of the Contract and so to fulfill its obligations under the Contract.

If works to be executed by the Contractor are suspended by Force Majeure conditions lasting for more than (2) two months, the Employer shall have the option of cancelling or terminating this Contact in whole or part thereof at Employer's discretion. Upon such termination provisions of Clause 39 shall apply.

Delay or non-performance by a party hereto caused by the occurrence of any of Force Majeure shall not:

- a) Constitute a default or breach of the Contract,
- b) Give rise to any claim for damages or additional cost or expense occasioned thereby : if such delay or non-performance is caused by the occurrence of any event of Force Majeure. Force Majeure conditions shall not be payable under any circumstances.

52. Typographic or Clerical Errors:

The Bank's clarifications regarding partially omitted particulars or typographical or clerical errors in the Tender documents shall be final and binding on the Contractor.

Tenders by those bidders who do not submit Performance Certificates from their previous employers /clients with relevant details i.e. Project cost, date of completion of project, shall be liable to be summarily rejected.

53. Time for Completion

The entire work is to be completed in all respects within -45- days from the Date of Commencement or such extended time as may be allowed. Time is the essence of the contract and shall be strictly observed by the contractor.

If required in the contract or as directed by the *Fire Officer / Security Officer of the Bank* , the contractor shall complete certain portion of the work before the completion of the whole of the work. However the completion date for whole of the work shall not change for above.

54. Extension of Time for Completion

- i. If the Contractor needs an extension of time for the completion of the work or if the completion of work is likely to be delayed for any reasons

beyond the due date of

Completion stipulated in the contract, the Contractor shall apply to the Employer for extension of time in writing at least 30 days before the expiry of the scheduled time and while applying for extension of time, Contractor shall furnish the reasons in detail and his justification, if any, for the delays.

- ii. If in the opinion of the Bank, the works be delayed for reasons beyond the control of the contractor, the Bank give a fair and reasonable extension of time for completion of the contract works such time extension will be said as “Authorised Time Extension” which will not qualify for levy of liquidated damages.
- iii. If the works be delayed beyond the authorized time extension, the Bank may allow extension of time for completion of contract works but with levy of Liquidated damage.

Further, the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

- iv. The contractor shall be bound to extend validity of all insurance covers, Bank Guarantees till such period of completion as may be considered necessary at contract cost.

55. Virtual Completion Certificate

Virtual Completion of works means the completion of whole of the work substantially in all respects including all types of testing, obtaining all necessary statutory approvals and is fit for occupation. The works shall not be considered as completed until the Fire Officer / Security Officer of the Bank has certified in writing that they have been virtually completed. The Defects Liability Period shall commence from the date of virtual completion as certified by the Fire Officer / Security Officer of the Bank.

56. Final Completion Certificate

- (i) Final Completion Certificate

On successful completion of entire works covered by the Contract to the full satisfaction of Employer / Fire Officer / Security Officer of the Bank , the Contractor shall ensure that the following works have been completed to the satisfaction of Employer / Fire Officer / Security Officer of the Bank : (a) clear the site of all scaffolding, wiring, pipes, surplus materials, Contractor's labour, equipment and machinery (b) demolish, dismantle and remove all Contractor's site offices and

other temporary works, structures & constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the Contractor by the Owner and not incorporated in the permanent works (c) remove all rubbish, debris etc. from the site and the land allotted to Contractor and shall clear, level and dress, compact the site as required and said land to the satisfaction of the Employer / Fire Officer / Security Officer of the Bank (d) shall put the Owner in undisputed custody and possession of the site and all land allotted by the Owner to the Contractor (e) All defects / imperfections have been attended & rectified to full satisfaction of the Employer during the Defect Liability Period. Unless the Contractor shall have fulfilled the provisions of the clause, the works shall not be deemed to have been completed. Upon the satisfactory fulfillment by Contractor as stated above, the Contractor shall be entitled to apply to the Employer / Fire Officer / Security Officer of the Bank for a Final Completion Certificate in respect of the entire work. If the Employer / Fire Officer / Security Officer of the Bank is satisfied of the completion of the work relative to which the Completion Certificate has been sought, the Employer / Fire Officer / Security Officer of the Bank shall within 14 (fourteen) days of the receipt of the application for Completion Certificate, issue a Completion Certificate in respect of the works for which the Completion Certificate has been applied. This issuance of a Completion Certificate shall be without prejudice to the Employer's rights and Contractor's liabilities under the Contract, including the Contractor's liability for the Defect Liability Period nor shall the issuance of a Completion Certificate in respect of the works or work at any site be construed as a waiver of any right or claim of the Employer against the Contractor in respect of work or the works at the site and in respect of which the Final Completion Certificate has been issued.

(ii) No Dues Certificate

No dues Certificate shall have been signed by the Service Provider and delivered to the Employer / Bank with a copy to the contractor. Such a certificate shall be given by the engineer within 30 days of completion of defects liability period (the last period to be considered if different periods to be considered if different parts of the work) or within 30 days from the date of payment of final bill whichever is later.

57. Default of Contractor

It the Contractor being an individual or a firm, commits any “Act of insolvency” or shall be adjudged as insolvent or being an incorporated Company shall have an order for compulsory winding up or applies for voluntary winding up or subject to the supervision of the court and of the official Assignee or the Liquidator in such acts of insolvency or winding up shall be unable within seven days after notice to him requiring him to do so, to show to the reasonable satisfaction of the that he is able to carry out and fulfill the Contract, and to give security therefore, if so required by the Fire Officer / Security Officer of the Bank.

Or if the contractor (whether an individual; firm or incorporated company) shall suffer execution to be issued, or shall suffer any payment under this contract. To be attached by or on behalf of any of the creditors of the Contract.

Or shall assign or sub-let the Contract without the consent in writing of the Employer first obtained.

Or shall charge or encumber this Contract or any payments due or which might become due to the Contract or any payments due or which might become due to the Contractor there under.

Or if the Fire Officer / Security Officer of the Bank shall certify in writing that the Contractor :

- a) has abandoned the Contract, or
- b) has failed to commence the works, or has without any lawful excuse under these conditions suspended the progress of the works for seven days after receiving written notice to proceed, or
- c) 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 complete with the time agreed upon , or
- d) 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 under these conditions, or
- e) has neglected or failed persistently to observe and perform all or any of the acts, matters or things by this Contract to be observed and performed. By the Contractor for seven days after written notice shall have been given to the Contractor requiring the Contractor to observe or perform the same or
- f) has to the detriment of good workmanship or in defiance of the instruction to the contrary sublet any part of the Contract.

Then 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 but without thereby affecting the powers of the Interior Designer, or the obligations and liabilities of the Contractor, the whole of which shall continue in force as fully as if Contract has not been determined and as if the works subsequently executed had been executed by or on behalf of the Contractor. And further, the Bank, may enter upon and take possession of the work and all plant, tools, scaffoldings, sheds, machinery, seam and other power utensils and material upon the premises or the adjoining lands or roads and use the same as his own property or may employ the same by means if his own servants and workmen carrying on and completing the works and the Contractor shall not in any way interrupt or to do any act, matter or things 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 Bank 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 14 days after receipt thereof by him the Bank shall sell the same by public auction and shall give credit to the Contractor for the amount realized after deducting there from the costs of removal and sales by the Bank for the values of the said and the expenses or loss which the Bank shall have been put to in procuring the works to be completed and the amount, it any, owing to the Contractor and the amount which shall be so certified shall thereupon be paid by the Bank, to the Contractor, or, by the Contractor to the Bank, as the case may be, and the certificate of the Bank shall be final and conclusive between the parties. On termination of the contract, the contractor shall forthwith remove himself and his workmen from the works site.

58 Determination of Contract

The Bank shall in addition to any other power enabling him to determine the Contract have power to determine the Contract at any time by giving not less than fourteen (14) days' notice in writing to the Contractor and on the expiry of such notice the Contractor shall forthwith determine but without prejudice to the claims of either party in respect of any antecedent breach thereof.

Compliance with Fire Officer / Security Officer of the Bank Direction on Determination

If the Contract shall be determined under the provisions of the RFP that the Contractor shall with all reasonable dispatch comply with the directions of the Fire Officer / Security Officer of the Bank in respect to:

- (a) Cancellation of outstanding commitments
- (b) Performance of further work required for the protection of work executed
- (c) The removal of Temporary Works and materials from the Site

- (d) Any other matters arising out of the Contract with regard to which the Fire Officer / Security Officer of the Bank decides that directions are necessary or expedient.

Payment on Determination

In the event of the Contract being determined under the provisions of this Clause the sum payable to the Contractor shall be such sum as would have been payable under

- (e) The reasonable cost of complying with the directions of Fire Officer / Security Officer of the Bank.
- (f) Such reasonable sum as may be agreed between the parties or in default of agreement settled by arbitration in respect of the Contractor's overheads including any sums properly and necessarily incurred as the direct result of such determination.

The Fire Officer / Security Officer of the Bank has a right to ascertain the happening of any contingency, including but not limited to the contingencies listed below, which would vest in the Bank certain powers including, but not limited to, taking possession of the work so far as it has been performed and to completing the work either by himself or by employing some other Agency, retaining property of the Contractor, such as materials, plant or money already due to the Contractor:

- a) Failure of Contractor to proceed with or complete the works in the time or manner stipulated
- b) Contractor's bankruptcy
- c) Failure of Contractor to commence the work
- d) Failure of Contractor to regularly proceed with the work for a certain fixed period
- e) Failure of Contractor to proceed to the satisfaction of the Bank or the Engineer
- f) Failure of Contractor to proceed with the work for any reason independent of prevention by Bank
- g) If in the opinion of Fire Officer / Security Officer of the Bank, the Contractor is not exercising due diligence and proceeding with such dispatch as will enable the works to be duly completed in time
- h) Failure of Contractor in complying with the orders and directions given by the Fire Officer / Security Officer of the Bank
- i) Failure of Contractor in complying with the Specification, stipulations, conditions or Drawings
- j) The Contractor being guilty of any default in the fulfillment of the

contract

- k) The Contractor leaves the work unfinished
- l) Failure of Contractor, after due notice, to rectify defective work
- m) The Contractor renouncing materials from site and
- n) Failure of Contractor to maintain the works

59. Work by Other Agencies

The Bank / Fire Officer / Security Officer of the Bank reserves the right to use premises 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 simultaneously, and the Contractor shall allow all reasonable facilities for the execution of such work, but shall not be required to provide any plant or material for the execution of such work except by special arrangement with the Bank. 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.

(On the Agency's Letter Head)

OFFER LETTER.

PLACE :
DATE : .

To,

**The Regional Manager, Surat City Region
Baroda Sun Complex,
Bank of Baroda,
Ghod Dod Road, Surat.**

Dear Sir,

Having examined the Specifications, RFP document, site and Bill of Quantities relating to the works specified in the memorandum hereinafter set out and having examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the RFP, I / We hereby offer to execute the works specified in the said memorandum within the time specified at the rates mentioned in the Priced Bill of Quantities or any agreed rates on negotiation and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in conditions of contract, to the form of RFP, articles of agreement, Addenda, Bill 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.

(a) Description of works:	RFP for Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region."
(b) Earnest Money Deposit	Rs. 15,000/- (Rupees Fifteen Thousand Only) (Exempted for valid certificate of NSIC/MSME/KVIC)
(c) Initial Security Deposit	2% of the Contract Value by Bank Demand Draft / Banker's Cheque within 7 days of issue of LOA / Work Order.
(d) Performance Guarantee	3% of Contract Value in the Form of Bank Guarantee from any Nationalized Bank within 14 days of issue of LOA / Work Order for period of -12- months with grace period of

	3 Months. 3% of total CAMC cost in the form of Bank Guarantee from any Nationalized Bank one month before Commencement of CAMC for period of -36- months.
(e) Retention Money / Security	Retention Money to be deducted in cash @ 8% of each Interim Bill subjected to total Security Deposit i.e. Retention Money and Initial Security Deposit does not exceed 3% of Contract Value or final Actual Value of work whichever is greater
(f) Time allowed for completion	-45- Days from date of commencement

2. Should this RFP be accepted, I / We hereby agree to abide by and fulfill the terms and provisions of the said Conditions of Contract annexed hereto so far as they may be applicable or in default thereof to forfeit and pay to Bank of Baroda the amount mentioned in the said conditions.
3. I / We have deposited a sum of Rs. 15,000/- (Rupees Fifteen Thousand Only) as earnest money. I / We fail to execute the contract when called upon to do so, I / We do hereby agree that this sum shall be forfeited by Bank of Baroda.
4. I / We certify that the my / our Company / firm or owner or any sister concern have not been Blacklisted by any institution of the Central or State Govt./ PSU/PSB in the past three years on any grounds whatsoever.
5. **Our bankers are: (With full address): (i)**
(ii)

The names of partners of our firm are: (i)
(ii)

Names of the partner(s) of the firm authorized to sign

Name of person having power Attorney to sign the Contract (Certified true copy of the Power of Attorney should be attached)

Yours faithfully,

Signature of Bidder

(Signatures and addresses of witnesses)

(i)

(ii)

SPECIFICATIONS FOR ADDRESSABLE FIRE ALARM SYSTEM INSTALLATION WORKS

Note 1. These specifications are not meant to be exhaustive and prescribe the minimum acceptable standards. Where these do not cover certain items and aspects, the best engineering practice/Bank Fire or Security Officer's instructions shall be followed.

Note 2. All codes and standards means the latest. Necessary I.S. Codes norms are mentioned along with these specifications and all relevant codes with divisions published on date shall be applicable.

General

General Scope of Works

1. This section of the specification includes the furnishing, installation, and connection of a microprocessor controlled, addressable fire alarm equipment required to form a complete coordinated system ready for operation. It shall include, but not be limited to, alarm initiating devices, alarm notification appliances, control panels, auxiliary control devices, annunciator, power supplies, and wiring as per shop drawings and specified herein.
2. The system shall be designed such that each loop shall limited to only 80% of its total capacity at initial installation.
3. All equipment/components shall be new & the manufacturer's current model. The materials, appliances, equipment and devices shall be tested and listed by a nationally recognized approvals agency for use as part of a protected premises protective signaling (fire alarm) system. The authorized representative of the manufacturer of the major equipment, such as control panels, shall be responsible for the satisfactory installation of the complete system.

4. All equipment and components shall be installed in strict compliance with each manufacturer's recommendations. Consult the manufacturer's installation manuals for all wiring diagrams, schematics, physical equipment sizes, etc. before beginning system installation.
5. All equipment shall be attached to walls and ceiling/floor assemblies and shall be held firmly in place (e.g., detectors shall not be supported solely by suspended ceilings). Fasteners and supports shall be adequate to support the required load.

1. **Submittals and Shop drawings:**

- Sufficient information shall be clearly presented and shall include manufacturer's name, model numbers, power requirements, equipment layout, device arrangement and complete wiring.
- Sequence and description of operation.
- Product Data for each type of equipment, initiating device, signal device, peripheral device and cable provided on the project.
- Shop drawings shall include battery calculations, floor plans and wiring diagrams.

2. **Basic System**

- The system shall be a complete, electrically supervised fire detection and evacuation system using fire fighter telephone with microprocessor based operating system having the following; capabilities, features and capacities:
- Communication between network nodes, each supporting an interactive, self-standing, intelligent local control panel, with system wide displays. Any network node shall be capable of supporting a local system in excess of 4000 input/output points.
- Each intelligent addressable device or conventional zone on the system shall be displayed at the fire alarm control panel by a unique alphanumeric label identifying its location.

3. **Approvals**

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. and FM - Factory mutual

The Fire Alarm Control Panel and all modules/devices shall meet the modular listing requirements of Underwriters Laboratories, Inc./ FM Factory Mutual Each subassembly, including all printed circuits, shall include the appropriate UL/ FM modular label. This includes all printed circuit board assemblies, power supplies, and enclosure parts. Systems that do not include modular labels may require return to the factory for system upgrades, and are not acceptable.

4. Quality Assurance:

A. Manufacturer:

- The manufacturer of the detection components shall have experience in the design and manufacture of similar types of detection systems and who refer to similar installations providing satisfactory service.
- The name of the manufacturer, part numbers and serial numbers shall appear on all major components.
- All detection devices, components and equipment shall be the products of the same manufacturer.
- All devices, components and equipment shall be new, standard products of the manufacturer's latest design and suitable to perform the functions intended.
- All products ranging from PANEL to Detectors & Devices should be manufactured under single source of manufacturer to usher continuous line of support round the year

5. Fire Alarm Condition:

- Sound an audible alarm and display a custom screen/message defining the building in alarm and the specific alarm point initiating the alarm in a LCD display.

- Up to 16 nodes shall be networkable in a peer-to-peer configuration.
- Log to the system history archives all activity pertaining to the alarm condition.
- Print to system printer (where required) alarm condition information.
- Sound the ANSI 117-1 signal with synchronized audible and synchronized strobes.
- Audible signals shall be silenced from the fire alarm control panel by an alarm silence switch. Visual signals shall be programmable to flash until system reset or alarm silencing, as required.
- Activation of any detector in a single elevator lobby or an elevator equipment room shall indicate at fire alarm control panel, cause the recall of that bank of elevators to the ground/stilt floor and the lockout of controls.

PERFORMANCE REQUIREMENTS

- A. General Performance: Comply with NFPA 72 and all contract documents and specification requirements.
- B. All interconnections between this system and the monitoring system shall be arranged so that the entire system can be UL-Certificated.
- C. System shall be a complete, supervised, non-coded, addressable multiplex fire alarm system conforming to NFPA 72.

The system shall have Style 6 circuits for each floor. The system shall operate in the alarm mode upon actuation of any alarm initiating device. The system shall remain in the alarm mode until all initiating device(s) are reset and the fire alarm control panel is manually reset and restored to normal.

- D. The system shall be capable of the following configurations. Both configurations are permitted on the same network.
 - The system shall support up to 252 addressable devices, which may be divided in any ratio on one, two, three, or four separate, isolated Class B circuits.
 - The system shall support two loops of 252 addressable devices, each of which may be divided in any ratio on one, two, three, or four separate, isolated Class B circuits.
- E. The system shall have an optional digital alarm communication transmitter.
- F. The system shall provide an off-normal warning prior to reset for all active devices.

- G. The system shall be capable of remote monitoring ,a proprietary software system that provides a graphical representation of the fire alarm control panel at a remote PC when connected via Ethernet to the system. The display will show the exact state of the panel, including blinking LEDs, and with menu buttons for control.
- H. The system shall be capable of being configured via a PC Tool.
- I. In networked systems, each of 4 control panels shall be configurable to be a global annunciator, capable of viewing all other control panels on the network.
- J. The system shall provide the following functions and operating features:
- The FACP and auxiliary power panels shall provide power, annunciation, supervision and control for the system.
 - Provide Class A initiating device circuits.
 - Provide Style 7 signaling line circuits for the network.
 - Provide two Class A notification appliance circuits. Arrange circuits to allow individual, selective, and visual notification by zone. Notification appliance circuits shall be zoned to correspond with the building fire barriers and other building features.
 - Strobes shall be synchronized throughout the entire building.
 - Provide electrical supervision of the primary power (AC) supply, presence of the battery, battery voltage, and placement of system modules within the control panel.
- K. The system shall provide a field test function where one person can test the complete system or a specific area while maintaining full operational function of other areas not being tested. Alarms, supervisory signals, trouble signals shall be logged in system history during the walk-test.
- L. Alarm functions shall override trouble or supervisory functions. Supervisory functions shall override trouble functions.

1. **Supervisory Condition:**

- Display the origin of the supervisory condition report at the fire alarm control panel graphic LCD display.
- Activate supervisory audible and dedicated visual signal.
- Audible signals shall be silenced from the control panel by the supervisory acknowledgeswitch.
- Record within system history the initiating device and time of occurrence of the event.

- Print to the system printer (where required) the supervisory condition.

2. Trouble Condition:

- Activate trouble audible and visual signals at the control panel and as indicated on the drawings.
- Audible signals shall be silenced from the fire alarm control panel by a trouble acknowledge switch.
- Trouble conditions that have been restored to normal shall be automatically removed from the trouble display queue and nor require operator intervention. This feature shall be software selectable and shall not preclude the logging of trouble events to the historical file.
- Record within system history, the occurrence of the event, the time of occurrence and the device initiating the event.
- Print to the system printer (where required) the trouble condition.

3. Security Condition:

- Display at the fire alarm control panel with LCD display, the origin of the security condition report. A dedicated security LED shall flash until the alarm has been acknowledged, then revert to a steady "ON" state.
- The control system shall be capable of bypassing the alarms from an individual security system installed within selected areas. The pass code allowing this function shall be assignable to individual security personnel and each bypass action shall be logged to system history. Intrusion alarms occurring during a bypass period shall be logged to history and displayed but no audible alarm shall occur at the control panel.
- Print to the system printer (where required) the security condition.
- The Fire Control Panel shall be "UL" 1076 listed for security purposes.

4. Control Panel

The fire alarm control panel shall be microprocessor based using multiple microprocessors throughout the system providing rapid processing of smoke detector and other initiation device information to control system output functions.

- There shall be a watchdog circuit, which shall verify the system processors and the software program. Problems with either the processors or the system program the panel shall activate a trouble signal, and reset the panel.
- The system modules shall communicate with an RS 485 network communications protocol. All module wiring shall be to terminal blocks.
- The system shall be capable of the following configurations. Both configurations are permitted on the same network.
- The Cerberus Pro panel shall support two DLC of 252 addressable devices, each of which may be divided in any ratio on one, two, three, or four separate, isolated Class B circuits.
- The control panel shall have a 2"x4-3/4" Size VGA monochrome LCD display and having maximum 320 (8 x 40) Characters in the display. The panel shall have a built in power supply of 170 Watts and battery charger. Battery charger shall be able to charge the system batteries upto 33 AH. The Panel shall have the capacity of connecting additional 15 panels or Network terminals using network card, with redundancy in the network, TCP/ IP connectivity for Central Monitoring station. The system shall be capable of supporting unshielded wiring applications.

5. **System Components:**

- The System Periphery board / Fire Alarm Panel shall be capable of 252 intelligent devices distributed between one, two, three, or four Class B SLC circuits. Any trouble on one circuit shall not affect the other circuit. This module controls the signaling from the initiation devices reporting alarms and troubles to the control panel. This module shall also provide the signaling to the field devices for the controlling the output of specific initiation devices. The on board microprocessor provides the periphery board with the ability to function even if the main microprocessor fails. LED's on the board shall provide annunciation for the following; Power, Gnd. Fault, Alarm, Trouble. This board is integral to the system.
- The system periphery board shall be capable of supporting two system drivers of 252 intelligent devices distributed between one, two, three, or four Class B SLC circuits, for a total panel capacity of 504 addressable devices. Any trouble on one circuit shall not affect the other circuit. This module controls the signaling from the initiation devices reporting alarms and troubles to the control panel. This module shall also provide the signaling to the field devices for the controlling the output of specific initiation devices. The on board microprocessor provides the periphery board with the ability to function even if the main microprocessor fails. LED's on the board shall provide annunciation for the following: Power, Gnd. Fault, Alarm, and Trouble. This board is integral to the system.

- The Signal Line Circuits (SLC) shall be tested for opens, shorts and communications with all addressable devices installed before connection to the control panel. Systems without this capability shall have a test panel installed for initial testing to eliminate any possible damage short term or long term to the control panel. After initial testing replace the test panel and proceed with complete testing.
- The standard Operator Interface shall have the ability to view events, acknowledge, silence, and reset the system and any networked Cerberus Pro control panels, when configured as a global PMI.
- The LED Operator Interface shall have the ability to view events, acknowledge, silence, and reset the system and any networked control panels, when configured as a global PMI. Additionally, the operator interface provides twelve multicolored configurable LEDs for annunciating system status
- The Network Card shall provide internodes (Safe DLink) communication between enclosures. Safe DLink communication shall support Class B Style 4 or Class A Style 7 wiring (in a ring configuration). This card shall plug into the system operator interface.
- The System Periphery Board shall contain 2 Class B NAC circuits rated at 3 amps each with power-limited outputs. The zones shall be isolated and independently supervised. There shall be at least 6 unique codes/signals for each circuit based on system logic. These signals shall be Temporal Code 3 (Evacuation), Steady (Such as "Recall"), Temporal Code 3 (for CO alarms), March Time 120ppm, March Time 60ppm, and March Time 30ppm. The card shall have the following LED's to provide trouble shooting and annunciation; Power, Gnd. Fault, Zone Activation or Trouble. This functionality shall be integral to the system.
- The control panel shall be equipped with four Form C relays for alarm, trouble, supervisory, and programmable output. The system shall provide the mounting of all system cards, field wiring, and panel's inter-card wiring. All power limited field wirings shall be separated from all non-power limited internal wiring.
- System response time from alarm to output shall be an average of three (3) seconds.
 - a. All system cards and modules shall have Flash memory for downloading the latest module firmware.
 - b. Passwords:

Technician Level Password - There shall be a 4 character password that a user must enter into the control panel in order to perform such maintenance- and control-related functions at the panel as:

Arming and disarming devices.

1. Activating and deactivating the History Log function, and deleting obsolete entries.
2. Changing the system time and date.

Maintenance Level Password - There shall be a 4 character password that a user must enter into the control panel in order to access the panel's reporting functions and walktest functions.

Acknowledge Silence able Reset Access - There shall be a key required to open a locked cabinet that a system user must use in order to acknowledge events, turn silence able audible and visuals on and off, and perform panel resets.

6. **POWER SUPPLY**

- The system Power Supply shall be a 170 Watt, 6-amp that provides 24V DC power for system operation. The power supply shall be filtered and regulated. The power supply provides power for all system operation, including signaling line circuits, notification appliance circuits, auxiliary power, battery charger, and all optional modules The power supply shall be rated for 120/240 VAC 50/60 Hz.
- The power supply provides power for all system operation, including signaling line circuits, notification appliance circuits, auxiliary power, battery charger, and all optional modules. The power supply shall be rated for 120/240 VAC 50/60 Hz.
- The battery charger shall be able to charge the system batteries up to 100 AH batteries. Battery charging shall be microprocessor controlled and programmed to select battery sizes.
- Transfer from AC to battery power shall be instantaneous when AC voltage drops to a point where it is not sufficient for normal operation.

7. **System Enclosures:**

- Provide the enclosure needed to hold all the cards and modules as specified. The enclosures shall be either black or red. The outer doors shall be capable of being a left hand open or a right hand open. The inner door shall have a left hand opening. System enclosure doors shall provide where required ventilation for the cards in the enclosure.

8. **System Printer:**

- The system printer shall be operated from a Remote Printer Module, which shall be mounts outside the enclosure. This module shall provide a parallel port and 2 serial ports for RS 232 protocol. One of the serial ports shall be able to be programmed for RS485 protocol. Supervised

network connection shall be either Style 4 or 7 as directed.

- This parallel printer shall be supervised for: On/Off line, out of paper, paper jam, power off, and connection the system. The printer shall be a; high speed, 24 dot matrix, wide carriage, and capable of using tractor or friction fed paper. The printer shall contain diagnostic LED's for ease in maintenance.

9. Intelligent Initiation Devices:

- All initiation devices shall be insensitive to initiating loop polarity. Polarity insensitive wiring allows fire detection devices to operate flawlessly even when detector and devices wiring polarity are inverted on the wrong screw terminals. When wiring polarity doesn't need to be observed, wiring troubleshooting is greatly reduced, this will also save time of installation Specifically, the devices shall be insensitive to plus/minus voltage connections on either Style 4 or Style 6 circuits.
- **The multi-criteria sensor detector** shall be an intelligent digital photoelectric detector with a programmable heat detector. The detector must provide up to 11 different environmental algorithms that allow the detector to provide superior false alarm immunity without the need for additional alarm verification delays. The detector shall have a multicolor LED to streamline system maintenance/inspection by plainly indicating detector status as follows: green for normal operation, amber for maintenance required, red for alarm. Detector shall have shock-resistant thermistor to sense temperature changes. The "on-board" Fire technology shall allows the detector to gather smoke and thermal data, and to analyze this information in the detector's "neural network Neural Network is a dynamic detection technology system. It simulates the work pattern of human brain. It can develop the knowledge as to refine the level of detection technology. It means, neural network can analyze, learn and adapt according to environmental or physical conditions of premises and trigger the output accordingly. The characteristics of fire are stored in the memory patterns in the microprocessor of detector. Hence, the microprocessor can adapt the characteristics of the environment and able to distinguish between actual fire and deceptive phenomena...
- Detectors shall be listed for use as open area protective coverage, in duct installation and duct sampling assembly installation and shall be insensitive to air velocity changes. The detector communications shall allow the detector to provide alarm input to the system and alarm output from the system within four (4) seconds. Detectors shall be programmable as application specific, selected in software for a

minimum of eleven environmental fire profiles unique to the installed location. These fire profiles shall eliminate the possibility of false indications caused by dust, moisture, RFI/EMI, chemical fumes and air movement while factoring in conditions of ambient temperature rise, obscuration rate changes and hot/cold smoke phenomenon into the alarm decision to give the earliest possible real alarm condition report. The intelligent smoke detector shall be capable of providing three distinct outputs from the control panel. The system controlled output functions shall be from an individual or unique input of smoke obscuration, a thermal condition or a combination of obscuration and thermal conditions. The detector shall be designed to eliminate calibration errors associated with field cleaning of the chamber. The detector shall support the use of a relay and LED remote indicator at the same time. Low profile, white case shall not exceed 2.5 inches of extension below the finish ceiling. Detector wiring shall not require any special shielded cable. It should have a multi detector status LED: Green for normal and red for alarm.

- **Thermal/ Rate of Rise Detectors** shall be rated at 135 degrees for fixed temperature. Detectors shall be constructed to compensate for the thermal lag inherent in conventional type detectors due to the thermal mass, and alarm at the set point of 135 degrees Fahrenheit. The choice of alarm reporting as a fixed temperature detector shall be made in system software and be changeable at any time without the necessity of hardware replacement. The detectors shall be installed according to the requirements of NFPA 72 for open area coverage.
- **The Reflective Optical Beam Smoke Detector (50m)** which comprises of a single unit incorporating an infra-red transmitter and receiver. The signal generated in the transmitter element and reflected by the prism back to the receiver element is analyzed for the presence of smoke. The internal microprocessor determines an alarm condition when a predetermined level is reached.

The product is designed to be mounted so the beam will project, between 19" (0.5 m) and 24" (0.6m) below and parallel to the ceiling, Lateral detection may be up to 30ft. (9.144m) on either side of the beam, providing a maximum total coverage area of up to 19,800 square feet (60ft. x 330ft. or 18.29m x 100m). For installations complying with UL268/NFPA72, the maximum distance of Detector and Reflector from the ceiling must be 10% of the distance between floor and ceiling.

- Detector bases shall be low profile twist lock type with screw clamp terminals and self-wiping contacts. Bases shall be installed on an industry standard, 4" square or octagonal electrical outlet box.
(1) Where selective localized control of electrical devices is required for system operation, furnish and install detector base with software

programmed addressable relay integral to the base. The relay shall switch electrical loads within relay ratings, as indicated on the drawings. Operation of the addressable control circuit shall be independent of the number of detectors and relays on the circuit or the number in an alarm state. Relay bases shall be rated for resistive or inductive load (120VAC or 30VDC) 3 amps. The relay base shall be model number DB-HR.

- (2) Where indicated on the drawings, furnish detector base with integral approved audible evacuation alarm signal having an output of 85db @ 10'. The audible signal shall be individually addressable and software programmed for operation.

Intelligent Audible (Sounder) Base [with Loop-Power Option]

Intelligent Audible (Sounder) Base [with Loop-Power Option shall be UL / ULC Listed – has the option of being powered directly from a signal line circuit (SLC) in a two-wire configuration. In turn, this connection feature gives each audible (sounder) base. The innovative loop-power option shall provide easier two-wire connection for new or expansion applications where additional wiring or power options are limited. Sounder base shall be capable of generating a 3,000 Hz tone that provides a signal up to 85dBA at 10 feet (3.1m) for localized annunciation.

- Where selective localized control of electrical devices is required for system operation, furnish and install detector base with software programmed addressable relay integral to the base. The relay shall switch electrical loads within relay ratings, as indicated on the drawings. Operation of the addressable control circuit shall be independent of the number of detectors and relays on the circuit or the number in an alarm state. Relay bases shall be rated for resistive or inductive load (120VAC or 30VDC) 3 amps.
- Where indicated on the drawings, furnish detector base with integral approved audible evacuation alarm signal having an output of 85db. The audible signal shall be individually addressable and software programmed for operation.

10. DEVICE PROGRAMMING UNIT

Device Programming Unit: The programming tool shall program the intelligent devices with addresses. The unit shall test the device to respond to its address. Dip switches and rotary switches shall not be acceptable.

Field Programming

The system will be programmable, configurable and expandable in the field itself by use of dedicated programming software. In order to avoid

unauthorized access programming via panel keyboard is not acceptable.

The field programmability will allow changes in various system parameters as per their

Operation philosophy.

All programming will be accomplished through DPU or Laptop. The program (software) used to configure the Fire Alarm Panel will be submitted in a CD along with other submittals during training and handover.

All field defined programs will be stored in non-volatile memory to ensure no data is lost during the power loss.

11. Manual Call Points OR Pull stations.

- Provide addressable manual stations where shown on the drawings, to be flush or surface mounted as required. Manual stations shall contain the intelligence for reporting address, identity, alarm and trouble to the fire alarm control panel. The manual station communications shall allow the station to provide alarm input to the system and alarm output from the system within less than four (4) seconds.
- The manual station shall be equipped with terminal strip and pressure style screw terminals for the connection of field wiring. Surface mounted stations where indicated on the drawings shall be mounted using a manufacturer's prescribed matching red enamel outlet box.
- The single action pull station shall be model number HMS-S.
- Where required, there shall also be available pull stations with break glass, capable of explosion proof installation, capable of weatherproof installation, two stage operation, reset key operation, and metal housings

12. Monitor Module.

1. Addressable monitor modules shall be provided to connect one supervised IDC zone of conventional 2-wire smoke detectors or alarm initiating devices (any N.O. dry contact device).
2. The two-wire monitor module shall mount in a 4-inch square (101.6 mm square), 2-1/8 inch (54 mm) deep electrical box or with an optional surface back box.
3. The IDC zone shall be wired for operation. An LED shall be provided that shall flash under normal conditions, indicating that the monitor module is operational and in regular communication with the control panel.

13. Addressable Control Module.

1. Addressable control modules shall be provided to supervise and control

the operation of one conventional devices of compatible, 24 VDC powered polarized audio/visual notification appliances. For fan shutdown and other auxiliary control functions, the control module may be set to operate as a dry contract relay.

2. The control module shall mount in a standard 4-inch square (101.6 mm square), 2-1/8 inch (54 mm) deep electrical box, or to a surface mounted back box.
3. The control module shall be wired with up to 1 amp of inductive A/V signal, or 2 amps of resistive A/V signal operation, or as a dry contact relay. The relay coil shall be magnetically latched to reduce wiring connection requirements, and to insure that 100% of all auxiliary relay may be energized at the same time on the same pair of wires.
4. Audio/visual power shall be provided by a separate supervised power circuit from the main fire alarm control panel or from a supervised, UL listed remote power supply.
5. The control module shall be suitable for pilot duty applications and rated for a minimum of 0.6 amps at 30 VDC.

14. Isolator Module

1. Isolator modules shall be provided to automatically isolate wire-to-wire short circuits on a loop Class A. The isolator module shall limit the number of modules or detectors that maybe rendered inoperative by a short circuit fault on the loop segment or branch. At least one isolator module shall be provided for each set of detectors (max 19 numbers).
2. If a wire-to-wire short occurs, the isolator module shall automatically open-circuit (disconnect) the loop. When the short circuit condition is corrected, the isolator module shall automatically reconnect the isolated section.
3. The isolator module shall not require any address-setting, and its operations shall be totally automatic. It shall not be necessary to replace or reset an isolator module after its normal operation.
4. The isolator module shall mount in a standard 4-inch (101.6 mm) deep electrical box or in a surface mounted back box. It shall provide a single LED that shall flash to indicate that the isolator is operational and shall illuminate steadily to indicate that a short circuit condition has been detected and isolated.

15. Addressable Interface Devices

Shall be provided to monitor contacts for such items as conventional gas/ agent release panels, water-flow, tamper, and PIV switches connected to the fire alarm system. These interface devices shall be able to monitor a single or dual contacts. An address will be provided for each device and all physical devices shall require only one address on a signaling line circuit regardless of the number of circuits on an individual module. Where remote supervised relay is required the interface shall be equipped with a SPDT relay rated for 4 amps resistive and 3.5 amps inductive.

16. Notification Appliances:

- The Horn or horn/strobe appliance as indicated on the drawings shall be a synchronized temporal horn with a synchronized strobe light with multiple candela taps to meet the intended application. The appliance shall be red or white as indicated on the drawings. The strobe light taps shall be adjustable for 15/75, 30/75, 75, and 110 candela. The appliance shall be red for wall mounted and white for ceiling mounted. Ceiling mounted appliances shall be rated for that application.
- The electronic strobe as indicated on the drawings shall be a speaker with a tone card and have an adjustable range of 700 to 1300 Hz. The chime or chime/strobe shall be adjustable for either single stroke or continuous operation. The chime/strobe shall be available with adjustable strobe intensities of 15, 30, 75, and 110 candelas. The appliance shall be red for wall mounted and white for ceiling mounted. Ceiling mounted appliances shall be rated for that application.

17. EXECUTION

EXAMINATION

Examine areas and conditions for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

Proceed with installation only after unsatisfactory conditions have been corrected.

INSTALLATION:

Surface cabling should be neatly run and securely fixed at suitable intervals in accordance with the manufacturers recommendations.

Joints in cables, other than those within equipment enclosures should be avoided wherever possible.

Where a cable passes through an external wall it should be contained in a smooth bore sleeve of metal or other non-hygroscopic material sealed

into the wall. This material will slope downwards towards the outside and should be sealed with a suitable waterproof compound.

Where cables, conduits or trunking pass through floors, walls, partitions or ceilings the surrounding hole shall be made good with a fire stopping material with sufficient fire resistance to maintain the integrity of the construction.

Each junction box will include the legend "Fire Alarm System" on its cover.

All wires shall be provided with an identifying permanent label within 25mm of its termination.

A consistent color code for fire alarm conductors will be used throughout the installation.

Wiring within enclosures will be arranged to allow accessibility to equipment for adjustment & maintenance.

BOXES, ENCLOSURES AND WIRING DEVICES

Boxes shall be installed plumb and firmly in position.

Extension rings with blank covers shall be installed on junction boxes where required. Junction boxes served by concealed conduit shall be flush mounted.

Upon initial installation, all wiring outlets, junction, pull and outlet boxes shall have dust covers installed. Dust covers shall not be removed until wiring installation when permanent dust covers or devices are installed.

CONDUCTORS

Each conductor shall be identified as shown on the drawings at each with wire markers at terminal points. Attach permanent wire markers within 5 cm of the wire termination. Marker legends shall be visible.

All wiring shall be supplied and installed in compliance with the requirements of the Electrical Code and that of the manufacturer.

All splices shall be made using solder less connectors. All connectors shall be installed in conformance with the manufacturer recommendations.

Crimp-on type spade lugs shall be used for terminations of stranded conductors to binder screw or stud type terminals. Spade lugs shall have upset legs and insulation sleeves sized for the conductors.

The installation contractor shall submit for approval prior to installation of wire, a proposed color code for system conductors to allow rapid identification of circuit types.

Wiring within sub panels shall be arranged and routed to allow accessibility to equipment for adjustment and maintenance.

DEVICES

Wiring within enclosures will be arranged to allow accessibility to equipment for adjustment & maintenance.

All devices shall be mounted to or in a suitable electrical box.

COMMISSIONING

The entire system shall be inspected & tested to ensure that it operates in accordance with this specification and the country requirements. In particular that:

All manual call points & automatic fire detectors function correctly.

All devices carry an accurate identification label.

All manual call points and automatic fire detectors when operated result in the correct text & zone indications at all necessary indicating equipment.

That sound pressure levels meet as per requirements.

That the systems cause and effects match the requirements of this specification.

The sitting of all manual call points & automatic fire detectors meet the country requirements.

DOCUMENTATION

On completion of the system the contractor shall provide the following documentation:

Complete listings of fitted devices, their programmed parameters, texts and assignments. Documentation of all programmed cause & effects.

Documentation of actual field wiring topology.

TRAINING

Training shall be provided as follows:

The contractor shall provide full training on system operation & user responsibilities to at least two persons nominated by the customer.

CERTIFICATION

Upon completion the contractor will provide the following certificates in accordance with the country regulation:

Design Certificate

Installation Certificate

Commissioning Certificate

Acceptance Certificate

Verification Certificate

GUARANTEE

All equipment shall be guaranteed against unsatisfactory performance and/ or break down due to defective design, workmanship or material for a period of 12 months from the date of taking over the installation by Bank. The equipment or components or any part thereof, so found

defective during the guarantee period shall be forthwith repaired or replaced free of cost to the entire satisfaction of the client. In case it is felt that undue delay is being caused by the contractor in attending the defect/fault removed, the same will be got done by Bank at the risk and cost of the contractor. The decision of Bank in this respect will be final.

MAKE OF MATERIALS

S.No	Item Description	Approved Makes
1	FRLS armoured Cables (Red colour), Cu conductor	Finolex, Polycab, Gloster, CCI
2	Fire Equipment: Control Nodes (Fire Panel, Repeater Panel, software etc), Initiation devices (detectors, Manual Call Points); Notification devices (hooter cum strobes etc.),	NOTIFIER, SIEMENS, BOSCH, EDWARDS, GE, TYCO, HONEYWELL
Note: OEM selected must have their own service set up with full infrastructure, in India.		

NOTE: Makes mentioned above are only tentative and prior approval of all equipment/items shall be taken from Bank before supply at site. Contractor may supply equipment of any other make not mentioned above with the prior approval of Bank. Bank reserve the right to add or delete name of any manufacture as and when required. Bank reserve rights to select any of the specified brands mentioned above.

Bidder's Profile

Work: Supply, Installation, Testing and Commissioning (SITC) of New Addressable Fire Alarm System in Baroda Sun Complex. Regional Office, Surat City Region.

MANDATORY TECHNICAL REQUIREMENT

S.No.	Description	Information from the Vendor
1.	Name and Address of the Firm	
2.	Telephone Nos. & Email Id.	
3.	Type of Firm: (Sole Proprietorship/Partnership/Ltd. Co./Other)	
4.	Name of Contact Person with contact number in relation to this RFP:	
	Company / Firm Registration	
	OEM Details Name of contact person Contact No Email Id	
5.	Address & Tel. No. of the Branch/Service Centre in Vadodara:	
7.	GST No.	
8.	PAN No.	
9.	The Turnover of the Firm for the last -3- Years for the similar nature of works	Minimum average turnover of Rs. 12 Lakhs during last three years for a work of similar nature.
	Year	Turn Over amt. in Lakhs(in Rs.)
	2019-2020	
	2020-2021	
	2021-2022	
	Audited Balance Sheet (att. Copy)	
10.	Name of Banker with address Account Details	
11.	Details of work carried out for previous clients (attach copy)	
	Year	Name of Organization
		Type of Work
		Amount

	(i)			
	(ii)			
	(iii)			
12.	No. of Authorized Technical Staff			
	Name of person	Qualification	Designation	Total Experience in the Firm
13.	a) Has your company/firm been ever blacklisted in past 3 years. Give details if Yes.			
	b) If No, a certificate be submitted stating that the company/firm or its owner or any sister concern have not been so blacklisted by any institution of the Central or State Govt, PSU/PSBs in the past three years on any grounds whatsoever.			
14.	The vendor must have experience in SITC and Maintenance of Addressable Fire Alarm Sstems(Attach Copy)			
16.	Weather any of the family members working with Bank of Baroda (if Yes, Give Details)			
17.	EMD Details Amount Bank draft / Banker's Cheque No Date Bank			
18.	Technical specifications, Brochures and details of proposed Addressable Fire Alarm System			

Makes Offered

Sr No	Description	Proposed Make
1	Addressable Fire Alarm Panel	
2	Repeater Panel	
3	Addressable Smoke Detector	
4	Addressable Heat Detector	
5	Addressable Manual Call point	
6	Addressable Sounder cum Strobe Light	
7	Response Indicator	

8	Control Module	
9	Monitor Module	
10	Isolator Module	
11	Relay Module	
12	2 Core FRLS Armored Cable	

Date:

Place:

Encl :

Name & Signature of the Bidder

OEM AUTHORISATION LETTER

Original Equipment Manufacturer's authorization letter (in Original Letter Head of OEM)
To,

The Regional Manager,
Surat City Region
Baroda Sun Complex, Ghod Dod Road
Surat

Sir,

Subject : Direct Manufacturers Authorization
Ref : RFP No: dated-----

Name of Work: Supply, Installation, Testing and Commissioning of New Addressable Fire Alarm System in Baroda Sun Complex, Regional Office, Surat City Region.

We....., an established and reputable manufacturer of Addressable Fire Alarm System having Corporate/ Registered office at.....(address of OEM) do hereby authorize (name of contractor) and having their Office at (contractor's address) as our representative to submit a above bid.....dt.....and subsequently negotiate and sign the contract with you for the supply of goods manufactured by us and authorize the said firm to act on our behalf in fulfilling any or all installation, technical support and maintenance obligation as required by the contract.

Also, we confirm that the model quoted by the above contractor is not an end of life model and necessary original spares will be available for next 5 years in case of need by the bank. Also, if the Bank asks us for the audit of the premises to check the quality of installation done by the contractor, we will oblige by the same without any cost to the Bank.

Yours faithfully,
For

Signature of Officer Authorized to sign this Document on behalf of the OEM.

FINANCIAL BID

ENVLOPE – 2

**Installation of New Addressable Fire Alarm System in Baroda Sun Complex,
Regional Office, Surat City Region**

S.No.	Description of Items	Quantity	Unit	Rate(Rs)	Amount(Rs)
1	Supply, Installation, testing and commissioning of Microprocessor based Networkable analog addressable (UL / EN 54 latest) Listed Fire Alarm Control Panel (FACP). The panel should be able to support following initiating devices. The Panel shall have LCD/LED/TFT display with minimum 640 Character display or feather touch screen. Minimum loop required is 5 numbers and each loop shall have a capacity of minimum 250 detector/devices per loop. It shall have multi access levels, flash EPROM, 240 volts AC power supply, automatic battery charger, 24 volts sealed lead acid batteries sufficient for 30 hours of normal working and then be capable of operating the system for 30 Minutes during an emergency conditions as required. Fire Alarm Control Panel shall also be supplied with all the required gateways like Modbus / BACnet etc and the required hardware, software, Application Program Interface (API)/ BMS Integration, etc. to communicate on open protocol such as Modbus / BACnet etc. for connectivity	1	Number		

	with the Command. The main FACP panels and associated components shall be enclosed in a suitable locking type metallic cabinet for protection. In the unlikely event of the CPU microprocessor, Loop card or Network card failure, the panel shall support redundancy for CPU, loop card and Network card in the same panel.				
2	Supply, Installation, testing, commissioning and integration of one GSM module must be part of the control unit so that SMS may be forwarded to desired mobile numbers (Inclusive of supply & activation of SIM CARD in a GSM network through the entire life cycle of the system-8 years).	1	Number		
3	Supply, Installation, testing and commissioning of a Repeater Panel complete with minimum suitable feather touch/ touch screen/keypad display to indicate the status of system and location of incident etc., back box and with control function. The Repeater panel shall be enclosed in a suitable locking type metallic cabinet for protection.	1	Number		
4	Supply, Installation, testing and commissioning of UL / EN 54 Listed Analog addressable Photo thermal smoke detector with multi sensing levels along with in-built isolating base. Visible LED illumination should indicate a variation on alarm condition. Address	200	Number		

	Switch/hard switch to program the detectors, complete as required and as per standard.				
5	Supply, Installation, testing and commissioning of UL / EN 54 Listed Analog addressable Rate of Rise Cum Fixed temperature / heat detector with mounting base, LED, Address Switch/Hard switch to programme the detectors complete as required as per standard.	18	Number		
6	SITC of Addressable Manual Call Point. The MCP should be UL Listed or VDS Approved	18	Number		
7	SITC of Addressable Hooter cum Strobe Lights as per standard.	10	Number		
8	SITC of Response Indicator as per standard	30	Number		
9	SITC of Control Module as per standard	As per the survey by the tenderer/bidder	Number		
10	SITC of Relay Module as per standard	As per the survey by the tenderer/bidder	Number		
11	SITC of Monitor Module as per standard	As per the survey by the tenderer/bidder	Number		
12	SITC of Isolator Module as per standard	As per the survey by the tenderer/bidder	Number		

13	SITC of 2 Core 1.5 sq.mm copper PVC insulated wire laid Armored Cable with all required accessories. Note: - There is existing wiring in the building, the quantity of extra wiring required should be duly assessed by the tenderer/bidder while quoting the quantity.	As per the survey by the tenderer/bidder	Metre		
	Total (For SITC)				
14	AMC Charges (One visit per quarter) after end of DLP (Defect Liability Period) for 39 months. All inclusive Comprehensive Annual Maintenance Charges (AMC) for the entire system including Main Panel, all devices.	12 Quarters	Quarterly		
	Total (Including AMC for 39 months)				

Note:-

- The AMC Period will start after end of 12 months of DLP (Defect Liability Period).
- The tenderer/bidder should ensure that all the issues are addressed by him during the DLP without any extra cost to the bank. Also he should visit the premises on quarterly basis.
- The AMC will be valid for 3 years post completing of 12 months of DLP and will be renewed on yearly basis upon satisfactory performance of the tenderer/bidder/ service provider
- The tenderer / bidder / service provide shall visit the premises as and when there is any fault in the system or as and when required by the bank without any extra cost to the bank except there is any replacement of any equipment (this visit will be in addition to the quarterly visit during the whole AMC period of 3 years).
- Payment of Quarterly AMC Visit will be done on Half Yearly basis after production of visit report in original to the Security Officer.