



Bank of Baroda  
Baroda Corporate Centre, Mumbai

**Notice Inviting Tender (NIT)**

**For Supply, Installation, Testing & Commissioning of PAC  
System at Bank of Baroda, 24<sup>th</sup> Floor, Server room, Gift One  
Tower, Gift City, Gandhinagar**





<b>Schedule of Tender</b>		
<b>A.1</b>	<b>Tender No.</b>	BOB/FM/109/PAC/09062017
<b>A.2</b>	<b>Date of issuing Tender</b>	09.06.2017
<b>A.3</b>	<b>Date &amp; Time of Pre-bid meeting</b>	20.06.2017 & 12:00 hrs IST
<b>A.4</b>	<b>Last Date&amp; Time of submission of Bids</b>	01.07.2017 @ 1500 hrs IST
<b>A.5</b>	<b>Date &amp; time of opening of Part-I - Technical Bid</b>	01.07.2017 @1600 hrs IST
<b>A.6</b>	Date & time of opening of Part-II - Commercial Bid	Date of opening of Part II i.e. Commercial bid shall be informed separately.
<b>A.7</b>	<b>Earnest Money Deposit</b>	Rs. 21,000/- (Rs. Twenty One Thousand Only)
<b>A.8</b>	Address for submission/ opening of bids (technical as well as commercial bids)	Facilities Management Dept. Baroda Corporate Centre C-26, G- Block Bandra Kurla Complex Bandra (E) Mumbai-400051



**Important Clarifications:**

Following terms are used in the document interchangeably to mean:

1. Bank, BOB means “Bank of Baroda”.
2. BCC means “Baroda Corporate Centre” i.e. Corporate Office of the Bank.
3. NIT means “Notice Inviting Tenders”.
4. Recipient, Respondent, Vendor, Bidder, OEM means the respondent to the Tender Document.
5. Proposal, Bid means “Response to the Tender Document”.
6. OEMs means “Original Equipment Manufacturers”.
7. PAC means Precision Air Conditioning
8. Contractor means Successful bidder.
9. SITC means Supply, Installation, Testing and Commissioning
10. CAMC means “Comprehensive Annual Maintenance Contract”.
11. Tender means NIT response documents prepared by the bidder and submitted to Bank of Baroda.



**Pre-Bid Meeting-**

**Pre-Bid meeting** in connection with the tender will be held on **20.06.2017 & 12:00 hrs. IST** at under mentioned address –

**Facilities Management Department (1<sup>st</sup> Floor)  
Bank of Baroda  
Baroda Corporate Centre  
C-26, G-BLOCK  
Bandra Kurla Complex,  
Bandra East, Mumbai - 400 051**

Prospective bidders are requested to submit their points for clarification during the pre-bid meeting or they may send the mail to the e- mail id (mentioned below) on or before **19.06.2017 & 16:00 hrs. IST** at [em.bcc@bankofbaroda.com](mailto:em.bcc@bankofbaroda.com)

Further “**Corrigendum**” or “**Addendum**” (if any) shall be issued on Bank’s website only and prospective **Bidders have to keep checking our website for any additional instructions/ Addendum, if any till 48 hours of tender submission time. Bidders who quote tender without attaching tender or the addendum if any will be rejected.**

**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 / person/s interested to participate in the current tendering 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.*



## **Introduction**

**Bank of Baroda**  
Baroda Corporate Centre, Mumbai

**Bank of Baroda** has an extensive network of approximately **5300 branches** spanning the length and breadth of the country. We have presently 13 Zones and 74 Regional Offices in India. Detailed location and address can be accessed from our website <http://www.bankofbaroda.co.in/>

### ***Disclaimer***

This NIT document has been prepared solely for the purpose of enabling Bank of Baroda (“the Bank”) to select a vendor for Supply, Installation, testing and commissioning of PAC System at 24th Floor, Server room, Gift One Gift City, Gandhinagar.

The NIT document is not recommendation, offer or invitation to enter into a contract, agreement or any other arrangement, in respect of the services. The provision of the services is subject to observance of selection process and appropriate documentation being agreed between the Bank and any successful vendor as identified by the Bank, after completion of the selection process as detailed in this document.

### ***Information Provided***

The NIT document contains statements derived from information that is 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 provision of services. Neither the Bank nor any of its directors, officers, employees, agents, representative, contractors, or advisers 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 NIT document. Neither the Bank nor any of its directors, officers, employees, agents, representative, contractors, or advisers has carried out or will carry out an independent audit or verification or investigation or due diligence exercise in relation to the contents of any part of the NIT document.

### ***For Respondent Only***

The NIT document is intended solely for the information of the party to whom it is issued (“the Recipient” or “the Respondent”)

### ***Confidentiality***

The NIT document is confidential and is not to be disclosed, reproduced, transmitted, or made available by the Recipient to any other person. The Bank may update or revise the NIT document or any part of it. The Recipient accepts that any such revised or amended document will be subject to the same confidentiality undertaking.

The Recipient will not disclose or discuss the contents of the NIT document with any officer, employee, consultant, director, agent, or other person associated or affiliated in any way with the Bank or any of its customers or suppliers without the prior written consent of the Bank.



***Disclaimer***

Subject to any law to the contrary, and to the maximum extent permitted by law, the Bank and its directors, officers, employees, contractors, representatives, agents, and advisers disclaim all liability from any loss, claim, expense (including, without limitation, any legal fees, costs, charges, demands, actions, liabilities, expenses or disbursements incurred therein or incidental thereto) or damage, (whether foreseeable or not) (“Losses”) suffered by any person acting on or refraining from acting because of any presumptions or information (whether oral or written and whether express or implied), including forecasts, statements, estimates, or projections contained in this NIT document or conduct ancillary to it whether or not the Losses arises in connection with any ignorance, negligence, inattention, casualness, disregard, omission, default, lack of care, immature information, falsification or misrepresentation on the part of the Bank or any of its directors, officers, employees, contractors, representatives, agents, or advisers.

***Costs Borne by Respondents***

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

***No Legal Relationship***

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

***Recipient Obligation to Inform Itself***

The Recipient must apply its own care and conduct its own investigation and analysis regarding any information contained in the NIT document and the meaning and impact of that information.

***Evaluation of Offers***

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 vendor, not limited to those selection criteria set out in this NIT document.

The issuance of NIT document is merely an invitation to offer 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. The Recipient unconditionally acknowledges by submitting its response to this NIT document that it has not relied on any idea, information, statement, representation, or warranty given in this NIT document.

***Errors and Omissions***

Each Recipient should notify the Bank of any error, fault, omission, or discrepancy found in this NIT document but not later than last date of receiving clarifications i.e, 30.06.2017.



***Standards***

All standards to be followed will adhere to Bureau of Indian Standards (BIS) specifications or other acceptable standards. Acceptance of Terms

A Recipient will, by responding to the Bank's NIT document, be deemed to have accepted the terms as stated in this NIT document.



**GENERAL INSTRUCTIONS TO BIDDERS**

**TECHNICAL BID (PART – I)**

**NAME OF WORK: - Supply, Installation, Testing & Commissioning of PAC System at Bank of Baroda, 24<sup>th</sup> Floor, Server room, GIFT One Tower, Building 56A, Block No. 56, Road-5C, Zone-5, GIFT CITY, Gandhinagar, Taluka & District - Gandhinagar– 382355.**

Tenders are invited from Original Equipment Manufacturers (OEMs)/Authorized Dealers for the aforesaid work.

Tender forms will be available on the Bank's website from 09.06.2017 to **01.07.2017**. The last date and time of submission will be **01.07.2017** up to 15.00 hrs.

**SCOPE OF WORK: - Design, Supply, Installation, Testing & Commissioning of PAC System complete in all respect at 24th Floor, Server room, GIFT One Tower, Building 56A, Block No. 56, Road-5C, Zone-5, GIFT CITY, Gandhinagar, Taluka & District - Gandhinagar– 382355. OUT OF 3 UNITS, 2 UNITS SHALL WORK AT A TIME.**

**Part – I Technical Bid shall contain following documents:**

1. Earnest Money Deposit (EMD) receipt through NEFT/RTGS.  
Details are:

**Bank: BANK OF BARODA**  
**Branch: Bandra East**  
**IFSC: BARB0BANEAS (5<sup>th</sup> Character is Zero)**  
**Account Type: OD**  
**Account No.: 29040400000418**

**Earnest Money Deposit will not be accepted in the form of DD/Banker's cheque/BG.**

2. Technical bid accepting all terms and conditions of the tender along with **Annexures**.
3. Documents to satisfy **Prequalification Criteria**.

The tender not accompanied with Earnest Money Deposit receipt / UTR No. will be summarily rejected and their tender will not be opened.

**Part – II Commercial Bid**

- **BOQ with rates without any condition. Conditional offers will be summarily rejected.**





Bank of Baroda  
Baroda Corporate Centre, Mumbai

**“TENDER FOR SUPPLY , INSTALLATION, TESTING & COMMISSIONING OF PAC SYSTEM AT BANK OF BARODA, 24<sup>TH</sup> FLOOR, SERVER ROOM, GIFT ONE TOWER, GIFT CITY, GANDHINAGAR”**

Bank reserves the right to select/reject one or more bidders. The Bank does not bind itself to accept the lowest or any tender and reserves the right to accept or reject any or all tenders either in whole or in part, without assigning any reasons whatsoever.

Conditional tenders are liable to be rejected. Dispute, if any, will be subject to Mumbai jurisdiction only.

For any further information on the tender, following offices / persons to be contacted:

1. Name : Mr. Nishant P. Kawade ,Chief Manager(Electrical)  
Ph. No.: 022-66985105  
Email: [em.bcc@bankofbaroda.com](mailto:em.bcc@bankofbaroda.com)
2. Name : Mr. Abhinav Pushpam, Officer(IT)  
Ph. No.: 022-66985119  
Email: [em.bcc@bankofbaroda.com](mailto:em.bcc@bankofbaroda.com)
3. Ms. Kamini Sharma, Officer  
Ph. No.: 022-66985010  
Email: [em.bcc@bankofbaroda.com](mailto:em.bcc@bankofbaroda.com)

**Date of opening of Price Bid Part –II shall be advised separately.**



**Prequalification Criteria for Original Equipment Manufacturer (OEM)/Authorised Dealers:**

1. Firms which are willing to participate in the tender exercise for supply, installation, testing and commissioning PAC system at Bank of Baroda, 24<sup>th</sup> floor server room, Gift One Tower, GIFT City, Gandhinagar should meet the following eligibility criteria.
  1. Firm should have carried out one \*similar work costing not less than Rs 16.8 lacs in last 7 years (as of 31.03.2017).

OR
  2. Firm should have carried out two \*similar work costing not less than Rs. 10.5 lacs in last 7 years (as of 31.03.2017).

OR
  3. Firm should have carried out three \*similar work costing not less than Rs. 8.4 lacs in last 7 years (as of 31.03.2017).
2. SITC and maintenance of PAC system in reputed Organizations.
  - Average turnover for the last 3 years should not be less than Rs. 7 lacs.
  - Company should have local branch to provide prompt and effective after sale services.

All bidders are requested to quote appropriately for Products, Installation & Comprehensive AMC. Overall position of L1 Bidder will be assessed on the basis of the above points.

The Recipient will not disclose or discuss the contents of the NIT document with any officer, employee, consultant, director, agent, or other person associated or affiliated in any way with Bank or any of its customers or suppliers without the prior written consent of Bank.



**Requirements:**

- a. This document constitutes a formal Notice Inviting Tender (NIT) for Supply, installation, testing and commissioning of PAC System at 24<sup>th</sup> floor server room, Gift One Tower, GIFT City, Gandhinagar. The vendor is required to carry out the following:
- b. The contractor must provide any software updates / upgrades available in the market without any additional cost during the warranty and CAMC period.
- c. Vendors are expected to offer solutions covering all the functionality as mentioned in this NIT document. Incomplete responses will not be considered and no correspondence in this regard will be entertained.
- d. All the vendors will have to mention detailed Bill of Quantity with part numbers, description and quantity provided by the Bank.

Bidder who is interested in participating in this NIT must fulfill the prequalification criteria mentioned above and also in a position to comply the technical specification of equipments mentioned in **Annexure F**. Only such bids will be processed further.

Apart from the above the bidder must also agree to all our terms & conditions mentioned in the tender.

Please note that any response which does not provide any / all of the above information in the specified formats shall be rejected and the Bank shall not enter into any correspondence with the Bidder in this regard.

**Design Consideration: To be furnished**

**Datasheet to be submitted by the bidders for :**

- All the quoted products
- Test reports, if any



## **GENERAL TERMS AND CONDITIONS**

### **1. Costs Borne by Respondents**

All costs and expenses incurred by Recipients / Respondents in any way associated with the development, preparation, and submission of responses, including but not limited to attendance at meetings, discussions, demonstrations, etc. and providing any additional information required by Bank of Baroda, will be borne entirely and exclusively by the Recipient / Respondent.

### **2. Standards:**

All standards to be followed will adhere to Bureau of Indian Standards (BIS) specifications or other applicable standards.

### **3. Formats of Bids:**

The bidders should use the formats prescribed by the Bank in the NIT for submitting both technical and commercial bids. The Bank reserves the right to ascertain information from the banks and other institutions to which the bidders have rendered their services for execution of similar projects.

### **4. Timeframe**

The following is an indicative timeframe for the overall selection process. Bank of Baroda reserves the right to vary this timeframe at its absolute and sole discretion should the need arise. Changes to the timeframe will be relayed to the affected Respondents during the process.

### **5. Pre-bid meeting**

Queries received one day prior to Pre-bid meeting will be addressed during pre-bid meeting. All the queries should be sent to the Mail ID: [em.bcc@bankfbaroda.com](mailto:em.bcc@bankfbaroda.com)

### **6. Submission of Tender:**

The NIT response documents should be submitted in two parts.

**Part I:** Technical Bid.

**Part II:** Commercial Bid.

These bids are to be submitted in separate envelopes.



In the first envelope Bidder should put Technical Bid superscripted with

**“Technical Bid for supply, installation, testing and commissioning of PAC System”.**

In the second Envelope bidder should put commercial bid superscripted as

**“Commercial Bid for supply, installation, testing and commissioning PAC System”**

If the envelopes are not sealed and marked, the Bank will assume no responsibility for the Bid’s misplacement or premature opening.

**Along with these two master envelopes; bidder will submit one more envelope containing NEFT/RTGS receipt towards EMD.**

The proposal should be prepared in English. Name of contact person, e-mail address and phone/fax numbers of the bidder should also be indicated on the sealed envelopes.

All the three envelopes i.e. envelope containing Technical Bid, Commercial Bid and EMD should be kept in one single master Envelope superscribed as “Tender for supply, installation, testing and commissioning PAC”.

The sealed Envelope should be addressed to

**The General Manager & Head  
(Facilities Management)  
1st Floor, Baroda Corporate Centre,  
C-26 G Block, Bandra Kurla Complex,  
Bandra East, Mumbai 400051**

All the sealed Tender documents should be dropped in tender box kept on first floor in Facilities management Dept, Bank of Baroda, BCC, BKC, Mumbai-51.

The Technical Proposal will be evaluated first for ascertaining eligibility and then technical suitability. Commercial Proposal shall be opened only for the short-listed bidders who have qualified in the eligibility criteria and Technical Proposal evaluation.

#### 7. Submission will be valid if:

- Copies of the NIT response documents are submitted as per standard proforma mentioned in Tender Document on or before 15.00 hrs on 01/07/2017.
- Submission is not permitted by Fax transmission or E-mail.

#### 8. Only One Submission Permitted



Only one submission of response to NIT by each service provider will be permitted. In case of partnerships / consortium, only one submission is permitted through the lead service provider.

The bidders shall submit the proposals properly filed so that the papers are not loose.

All the pages of the proposals including documentary proofs should be numbered and signed by authorized signatory (except literatures, datasheets and brochures) as a token of accepting all the terms and conditions.

In case of delay or non-delivery of tenders, Bank will not assume any responsibility. Mere response to the NIT will not entitle nor confer any right on the Bidders for Supply/sale to the bank

#### 9. NIT Closing Date

NIT response should be received by the officials indicated above not later than 15:00 hrs on 01/07/2017

Tenders received after the last date of submission are summarily rejected.

#### 10. Compliance to bank's all terms and conditions:

Bidder has to submit a letter of undertaking along with the Tender that they will abide by all the terms and conditions stated in NIT.

The OEM will have the responsibility of the equipment's supplied through the partner and should take the responsibility in case of any sales / service support issue arises at any point of time for which Separate undertaking is to be obtained from the OEM and enclosed with technical tender document as per the annexures.

The Bank will have the right to decide on the configuration and the quantity thereof to be ordered.

The systems must be capable of upgrading at a later stage as and when required by the Bank.

#### 11. Validity of Tender:

The Tender submitted by bidder will remain valid and open for evaluation according to the terms for a period of 3 months from the last date for submission of tender.



#### 12. Fall Clause:

If the vendor reduces its price or sales or offers to sale the similar system to other organization during the validity period of the tender at a price lower than the agreed price for Bank of Baroda, then the agreed price will be automatically reduced for all subsequent supplies with effect from the date from which such offers were made to the outsiders and the rate contract will be amended accordingly.

#### 13. Request for Information:

All questions relating to the tender, technical or otherwise must be in writing only to the Contact Person.

Bank of Baroda will not answer any communication initiated by Bidder later than five business days prior to the due date for lodgment of tender. However, Bank of Baroda may in its absolute discretion seek, but under no obligation to seek, additional information or material from any Bidder after the due date for submission of tender closes and all such information and material provided must be taken to form part of that tender.

Bidder should invariably provide details of contact person(s) their email address (es) as responses to queries will only be provided to the Bidder via e-mail.

If bank in its absolute discretion deems that the originator of the question will gain an advantage by a response to a question, then bank reserves the right to communicate such response to all Bidders.

#### 14. Evaluation of Tender

The Technical Proposal will be evaluated only for those respondents who are fulfilling the eligibility criteria. The Technical Proposal will be evaluated for technical suitability.

Bidder meeting all the detailed specification mentioned under for technical evaluation may be considered for demonstration. Commercial Bids of only those Bidder who fulfils all functionalities and criteria as per the specifications will only be opened.

During evaluation of the Tenders, the Bank, at its discretion, may ask the Bidder for clarification in respect of its tender. The request for clarification and the response shall be in writing, and no change in the tender shall be sought, offered, or permitted

The Bank's reserves the right to accept or reject any tender in whole or in parts without assigning any reason thereof.

The Bank may use the services of external consultants for bid evaluation.



**The bank's decision will be binding & final & bank will not entertain any correspondence in this regard.**

#### 15. Demonstration

The bidders who are technically qualified may have to demonstrate one such installation of PAC Project installed by them, preferably of a similar quantum /configuration of the models quoted at any of the location, with mutually convenient time and date, at the bidder's cost.

#### 16. Notification

Bank of Baroda will notify the Respondents as soon as practicable about the outcome of the TENDER evaluation process, including whether the Respondent's TENDER response has been accepted or rejected. Bank of Baroda is not obliged to provide any reasons for any such acceptance or rejection.

#### 17. Authorized signatory:

The selected Bidder shall indicate the authorized signatories who can discuss and correspond with the bank, with regards to the obligations under the contract.

The selected Bidder shall submit at the time of signing the contract, a certified copy of the extract of the resolution of their Board, authenticated by Company Secretary, authorizing an official or officials of the company or of Attorney copy to discuss, sign agreements/contracts with the Bank. The Bidder shall furnish proof of signature identification for above purposes as required by the Bank. The selected Bidder shall indicate the authorized signatories who can discuss and correspond with the bank, with regard to the obligations under the contract.

#### 18. Bank of Baroda reserves the right to:

- a. Reject any and all responses received in response to the NIT
- b. Waive or Change any formalities, irregularities, or inconsistencies in proposal format delivery
- c. Cancel the selection process as per NIT at any stage, without assigning any reason whatsoever

#### 19. Cancellation of contract and compensation:

The Bank reserves the right to cancel the contract of the selected Bidder and recover expenditure incurred by the Bank on the following circumstances. The Bank would provide 30 days' notice to rectify any breach/unsatisfactory progress:





- I. The selected Bidder commits a breach of any of the terms and conditions of the NIT/contract.
- II. The selected Bidder becomes insolvent or goes into liquidation voluntarily Or otherwise
- III. The progress regarding execution of the contract, made by the selected Bidder is found to be unsatisfactory.
- IV. If the delivery is delayed by more than two weeks from the due date of delivery.
- V. If the selected Bidder fails to complete the due performance of the contract in accordance with the agreed terms and conditions

#### 20. No Legal Relationship:

No binding legal relationship will exist between any of the Recipients / Respondents and Bank of Baroda until execution of a contractual agreement.

#### 21. Disqualification:

Any form of canvassing/lobbying/influence/query regarding short listing, status etc will be a disqualification.

#### 22. Force Majeure:

Should either party be prevented from performing any of its obligations under this proposal by reason of any cause beyond its reasonable control like riots, civil commotion, war, lightning ,earthquake, flood, fire, strike etc. then the time for performance shall be extended until the operation or such cause has ceased, provided the party affected gives prompt notice to the other of any such factors or inability to perform, resumes performance as soon as such factors disappear or are circumvented.

If under this clause either party is excused performance of any obligation for a continuous period of ninety (90) days, then the other party may at any time hereafter while such performance continues to be excused, terminate this agreement without liability, by notice in writing to the other.

#### 23. Arbitration:

In the event of a dispute or difference of any nature whatsoever between Bank and the Bidder during the course of the assignment arising as a result of this proposal, the same will settled through the process of arbitration conducted by Sole Arbitrator appointed by Bank. Arbitration will be carried out at Bank's office, BCC, Mumbai that placed the order. The provisions of Indian Arbitration Act & Conciliation Act 1996 shall apply to the Arbitration proceeding.



#### 24. Indemnity:

The Bidder shall indemnify, protect and save the Bank against all claims, losses, damages, costs, expenses, action suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. by the Bidder. The Bidder shall always remain liable to the bank for any losses suffered by the Bank due to any technical error and negligence or fault on the part of the Bidder and the Bidder shall also indemnify the Bank for the same in respect of the hardware supplied by him by executing an instrument to the effect on adequate. The bidder shall execute an indemnity in favour of Bank on adequate non judicial paper as per Bank's satisfaction

#### 25. Confidentiality:

The Bidder shall keep confidential any information obtained under the contract and shall not divulge the same to any other person without consent in writing by Bank of Baroda.

In case of non-compliance of the confidentiality agreement, the contract is liable to be cancelled by Bank of Baroda. Further, Bank of Baroda shall have right to regulate Bidder staff.

#### 26. Publicity:

The Bidder shall not advertise or publicly announce that he is undertaking work for Bank of Baroda without written consent of Bank of Baroda. In case of non-compliance of this clause the Bidder will be debarred for participating any future tender / contract for a period of three yea

#### 27. Variation:

Bank of Baroda may at any time during the contract require the Bidder to revise the Equipment, Services or Supplies including Completion Date. In an event of such nature, Bank of Baroda will request the Bidder to state in writing the effect such variation will have on the work schedule. The Bidder shall furnish these details, in writing, in two weeks from the receipt of such request.

#### 28. Applicable Law and Jurisdiction of Court:

The Contract with the selected bidder shall be governed in accordance with the Laws of India for the time being enforced and will be subject to the exclusive jurisdiction of Courts at Mumbai (with the exclusion of all other Courts).



29. Eligible Products & Services:

All systems and related services to be supplied under the contract shall have their origin in Countries allowed as per the prevailing Import trade control regulations in India.

For purposes of this clause, “Origin” means the place where the products are produced, or the place from which the related services are supplied. Products are produced when a commercially- recognized product results that is substantially different in basic characteristics or in purpose or utility from its’ components.

The origin of products and services is distinct from the nationality of the Bidder



## Commercial Terms & Conditions

### 1. Earnest Money Deposit (EMD):

Earnest Money Deposit of **Rs.21,000 ( Rupees Twenty One Thousand only)** has to be submitted by NEFT/Online only. Earnest Money Deposit will not carry any interest. The Earnest Money Deposit of unsuccessful bidders will be refunded while intimating the rejection of the bid. The Earnest Money Deposit of the successful bidder will be adjusted towards security deposit. **The Deposit/transfer/NEFT Receipt should be kept in a separate sealed envelope and delivered along with the NIT responses.**

The bid not accompanying Earnest Money Deposit is liable to be rejected.

The Earnest Money Deposit will be forfeited if:

- 1) The bidder withdraws his tender before processing of the same.
- 2) The bidder withdraws his tender after processing but before acceptance of "Letter of appointment" to be issued by the Bank
- 3) The selected bidder withdraws his tender before furnishing Bank Guarantee/Security Deposit as required under this NIT.
- 4) The bidder violates any of the provisions of the terms and conditions of this NIT Specification.

Earnest Money Deposit will be refunded for the unsuccessful bidders within two weeks from the date of the finalization of purchase order issued to the successful bidder.

### 2. Initial Security Deposit:

The successful bidder has to submit **5% of the accepted tender value** towards the initial security deposit. Amount of EMD already kept at our end is adjusted against the initial security deposit amount and contractor has to submit the difference amount only.

The security deposit will be refunded by the bank after the expiry of warranty.

Amount of Security Deposit will be rounded off to the nearest thousand.

Bank Guarantee in lieu of Security Deposit shall be accepted after finalizing the contract

### 3. Submission of commercial quotes

1. Commercial Proposal are to be submitted as under: -

Bidder must include in their rates charges for transportation. Taxes will extra.



If a new Tax or Duty or Levy is imposed under as statute or law during the currency of the contract, the same may be reimbursed by the Employer if so deemed fit on documentary evidence.

- The prices offered to the Bank must be in Indian rupees,
- No price increase on account of change in tax structure, duties, levies, charges etc shall be permitted.
- No price increase on account of exchange rate fluctuations.
- Rate quoted should be inclusive of 3 years comprehensive warranty.

Commercial quote should be submitted as per format of Annexure - G with sealed envelope.

Arithmetical errors will be rectified on the following basis.

Any discrepancy observed between the unit price and the total price that is obtained by multiplying the unit price and quantity then the unit price shall prevail, and the total price shall be corrected accordingly.

If the Successful Bidder does not accept the correction of the errors, its Bid will be rejected, and its EMD may be forfeited.

#### 4. Evaluation of Commercial quotes

L-1 (Lowest Bidder) will be arrived on the basis of Total Cost of Ownership (TCO) (i.e. Price, with 3 years warrantee and Comprehensive Maintenance charges {A+B of annexure G})

#### 5. Place of Order

Order will be placed by Bank & Payment will also be released by our office where the machine has been delivered and installed on production of following documents.

- a. Original copy of Invoice
- b. Original copy of Delivery Challan
- c. Original copy of Installation report
- d. Tests & acceptance of Bank

Bidders shall make necessary arrangements for processing the purchase orders including the road permit, if any.



#### 6. Performance Bank Guarantee:

The selected bidder has to provide an unconditional and irrevocable Performance Bank Guarantee of 10% of the contract value from a Scheduled Bank in India (other than Bank of Baroda) towards due performance of the contract in accordance with the specifications, terms and conditions of NIT document, within 15 days from the date of letter of indent (LOI). The Performance Bank Guarantee shall be kept valid three months, beyond the warranty period.

#### 7. Transportation and Insurance:

The costs should include insurance and freight (c.i.f). However, the Bidder has the option to use transportation and insurance cover from any eligible source. Insurance cover should be provided by the Bidder till the successful installation of the System. The Bidders should also assure that, the goods would be replaced with no cost to Bank in case insurance cover is not provided.

#### 8. Pre-shipment Inspections:

Bank of Baroda reserves the right, but not any obligation, to undertake a pre-shipment inspection of the complete central system in a factory test environment. For this purpose, Bank of Baroda's personnel may have to visit the factory site, which shall be provided at the Bidder's cost.

#### 9. Delivery:

The equipments should be delivered at site within 4 weeks from the date of purchase order.

Bidder will be responsible for ensuring proper packing, delivery and receipt of all the components related at the Location. Sealed packs will be opened in the presence of Bank of Baroda officials

The complete sets of manuals & licenses should be delivered together with the system. Any component has not been delivered or if delivered is not operational, will be

Deemed / treated as non-delivery thereby excluding the Bank from all payment obligations under the terms of this contract. Partial delivery of products is not acceptable and payment would be released as per terms only after full delivery and installation.

Penalty is not applicable for reasons attributable to the Bank and Force Majeure. However, it is the responsibility of the bidder to prove that the delay is attributed to the Bank and Force Majeure. The bidder shall submit the proof authenticated by the bidder and Bank's official that the delay is attributed to the Bank and Force Majeure along with the bills requesting payment.

#### 10. Installation:

Installation at the location including unpacking of cartons/boxes, will be the responsibility of the Bidder. Bidder will have to install the system and hand it over to Bank



for acceptance testing within 10 working days of the Bank from the date of receipt/  
Delivery of the system.

#### 11. Liquidated damages & Penalty:

- Bidder will have to pay penalty liquidated damages (LD) to Bank of Baroda @ 1% of the contract value inclusive of all taxes, duties, levies etc., per week or part thereof, for late delivery beyond due date of delivery, to a maximum of 5%. If delay exceeds two weeks from due date of delivery, Bank of Baroda reserves the right to cancel the entire order.
- Bidder will have to pay penalty to Bank @ 0.1% of the contract value per day or part thereof subject to maximum of 2%, for delay in installation, if the delay is caused owing to reasons attributable to the Bidder.
- If the selected Bidder fails to complete the due performance of the contract in accordance to the specifications and conditions agreed during the final contract negotiation, the Bank reserves the right either to cancel the contract as a whole or to accept performance already made by the bidder and get the remaining Contract performed by another contractor. All expenses incurred by the Bank in calling fresh bids will be borne by the bidder subject to a maximum of 10 % of contract value as Liquidated Damages for non-performance.
- Both the Penalty & Liquidated Damages are independent of each other and are applicable separately and concurrently
- If the penalty & Liquidated Damages exceeds the maximum of 10% of contract value, Bank may de-list the Bidder from participating in any of our banks tender in future for a period of three years.

#### 12. Documentation:

Bidder will have to supply all necessary documentation for the training, use and operation of the system. This will include at least one set of original copies per installation of the user manuals, reference manuals, operations manuals, and system management manuals in English only.

#### 13. Training:

The Bidder shall provide training to technicians / officials (i.e. end-user) of Bank of Baroda to enable them to effectively operate the total system. The training should be conducted at the time of installation up to a comfort level of user and at no cost to the Bank.

#### 14. Warranty:

The entire PAC System including accessories will remain under, onsite, comprehensive maintenance warranty for a period of three years. The service support during warranty period shall be for all components of system.



**Bidder will have to provide Comprehensive AMC support for minimum 5 years post warranty period at the quoted rate.**

Bidder may have to upgrade the system during warranty period at no cost to Bank. The service support during warranty period includes for all and Peripherals, if any ordered.

In event of any equipment is replaced or any defect in respect of any equipment is corrected during the warranty period, where the period of warranty remained is less than twelve month of the comprehensive warranty, the warranty in respect of the equipment which is replaced / defect is corrected, will be extended for an additional period of twelve months from the date of such replacement/ correction of defects.

In case of significant failures of specific component, entire system has to be replaced with new ones in proactive manner. The proactive action has to be taken immediately without affecting the banks day to day functioning and in a mutually convenient time. The proactive action plan is required to be submitted well in advance. The bidder is required to ensure that this kind of situation never arises.

#### **15. Single point of contact for Support:**

Bidder has to provide details of single point of contact viz. designation, address, email address, telephone /mobile Number to the bank. Escalation matrix for support should also be provided with full details as per Annexure E.

The Bidder should have local service support office in the city. The Bidders who are not having the service support center will not be considered.

#### **Payment Terms: -**

Payment terms will be as follows:

- 70% of the total cost on delivery, successful installation and commissioning of equipments and testing for minimum 15 days. 100% of Octroi /entry tax as per actuals on production of original receipt.
- 25% of total cost after one month of successful installation and satisfactory functioning.
- Balance amount of 5% will be released after completion of warranty period or against a Performance Bank Guarantee of public sector bank (other than Bank of Baroda) for three years plus three months (i.e till the end of warranty period plus three months).

The Bank will release the payments, on receipt of all the relevant documents, within a period of 30 days from the date of receipt of undisputed relevant documents. Any





dispute regarding the relevant documents will be communicated to the selected Bidder within 15 days from the date of receipt of the relevant documents. After the dispute is resolved, Bank shall make payment within 15 days from the date the dispute stands resolved.

#### 16. Comprehensive Annual Maintenance Contract (CAMC) after expiry of warranty period:

The Bidder has to enter into an CAMC agreement with the bank at the discretion of the Bank, after the expiry of 3 years warranty period to support the equipments supplied for a minimum period of – 5- (five) years at the rate quoted in “Commercial Proposal”.

**CAMC payment shall be released half yearly after completion of the period.**

**After the end of warranty period of -5- years, for Comprehensive Annual Maintenance Contract, every year Performance Bank Guarantee has to be provided in accordance with value of 10% of CAMC value. Payment for CAMC shall be made after every -6- months on satisfactory services. PBG will be released after submission of CAMC performance bank guarantee.**

#### 17. Maintenance

Bidder shall carry out preventive at least once in quarter in consultation with the Bank’s team during the warranty period as well as in the subsequent AMC period. Preventive Maintenance will include replacement of worn-out parts, checking diagnostic etc.

In case equipment is taken away for repairs, the Bidder shall provide a stand by equipment (of equivalent configuration), so that the work of the Bank is not affected.

The Bidder shall give an undertaking that sufficient quantity of spares will be kept as stock during the warranty/CAMC period at their support office.

#### Other Terms and Conditions

- a. Bank reserves the right to reduce the size of the order.
- b. The bidder will have to give written consent for technological support for a period of minimum 5 years from the date of installation.



Bank of Baroda  
Baroda Corporate Centre, Mumbai

# ANNEXURES



**Declaration / Undertaking**

**[Letter head of the Bidder firm or lead partner including full postal address, telephone nos., fax no., telex no.,  
E mail address & website]**

**The General Manager & Head  
1st Floor, Baroda Corporate Centre,  
C-26 G Block, Bandra Kurla Complex,  
Bandra East, Mumbai 400051.**

**SUB: For Supply, Installation, Testing & Commissioning of PAC System at Bank of Baroda, 24th Floor, Server room, Gift One Tower, Gift City, Gandhinagar**

Dear Sir,

I / We have read and understood the TENDER notice and instructions to the Applicants and submit my / our applications for Bank's consideration duly filled and complete in all respects. I / We further understand that selection for the above mentioned job will be in accordance with Banks terms and conditions subject to the authority of the Bank to alter or amend the same keeping in view of the exigencies of the work. I / We do hereby declare that the information furnished in the Annexures and in the supplementary sheets is correct to the best of my / our knowledge and belief. I/We confirm that:

1. I/we will abide by all terms and conditions mentioned in this TENDER Document.
2. I/we will abide by all the changes made in corrigendum/addendum
3. I/we will abide by all the new clauses added in the corrigendum/addendum. The Technical Bid and the Price Bid are submitted by us as per the provisions mentioned in the TENDER Document.
4. I/We have made a complete review and careful examination of the terms of the TENDER Document and we hereby unconditionally and irrevocably accept, agree and acknowledge the terms mentioned thereof
5. I/We hereby confirm that we satisfy the entire eligibility criterion and Requirements conditions to execute the job as and wherever prescribed in the TENDER Document.
6. Bank reserves the right for any addition/deletion/alteration of quantities to be supplied before/after awarding the work without any compensation.
7. Bank reserve the right to reject any tender without assigning any reason whatsoever and also does not bind it to accept the lowest or any specific tender.
8. At the sole discretion and determination of the Bank, the Bank may add or alter any other criteria for evaluating the proposals received in response to this TENDER. The decision of our Bank in this regard will be final & binding.



9. I/we have noted the contents of the TENDER and have ensured that there is no deviation in filing our response to the TENDER and that the Bank will have the right to disqualify us in case of any such deviations.
10. I/We agree that the Bank is not bound to accept the lowest or any Bid that the Bank may receive.
11. I/We confirm that I/we have visited the sites, examined the nature thereof , perused the drawings and to have made myself/ourselves thoroughly acquainted by our own independent observation and enquiries with the nature, position, extent and practicality of the works, means of access, storage area for material/s and all other matters which can in any way influence tender price, as no monetary or other claims made by us on the grounds of want of knowledge/information of any or all of the aforesaid matters will be entertained.
12. I/We confirm that In case of malfunctioning of PAC Unit, we are liable and accept legal action, including blacklisting by Bank of Baroda and Bank may inform such act to all the Government authorities
13. I/We confirm that we have enclosed Letter from OEM regarding the unconditional acceptance of terms and conditions related to support to their products during warranty period as mentioned in the tender.
14. I/we further understand that Bank of Baroda may award Contracts to more than one Contractors and that I/we shall make no claims if Bank of Baroda accept only a part of my/our tender.
15. We unconditionally agree to Bank of Baroda's preconditions as stipulated in the tender documents. Bank reserves the right to terminate our contract and forfeit the Earnest money deposit paid by us in additions to recovery of all the dues to the Bank from the payment receivable by us. Further we may also be barred from tendering in future for the Bank and its subsidiaries.

Date:

Yours faithfully

(Authorised Signatory)Signature/ Seal

Name:

Place:

Name Organization:

Designation

Phone Contact:



### BIDDER'S PROFILE

All the supporting Documents are required to be submitted. Details filled in this form must be accompanied by sufficient documentary evidence, in order to verify the correctness of the information. **Bidders should upload sealed and signed copy of supporting documents.**

Sr .	Description	Remarks field
1	Name of the Bidder/Firm	
2	Whether OEM or Authorized Dealers	
3	Name of the OEM	
4	Address of the OEM	
5	Permanent Account Number	
6	Excise No.	
7	Service Tax Registration No.	
8	Registered Office address	
9	Office address at India	
10	Email id	
11	Phone/Mobile nos.	
12	Year of Establishment	
13	Status of the firm (Sole Proprietorship/ Partnership/ Ltd. Co./ Others)	



<b>14</b>	Whether registered for Sales Tax purpose. If so, mention number and date	
<b>15</b>	Name of Director/Partner/Proprietor	
<b>16</b>	Name of the person who have power of attorney or Authorized Signatory	
<b>17</b>	Account no., Bank name, NEFT Details, Address of the Bank, Branch Name, IFSC Code and MICR code (Attach Proof)	1) 2)
<b>18</b>	Net Profit/Loss Made by bidder in 2013-14	
<b>19</b>	Net Profit/Loss Made by bidder in 2014-15	
<b>20</b>	Net Profit/Loss Made by bidder in 2015-16	
<b>21</b>	Annual Turnover of bidder in 2013-14	
<b>22</b>	Annual Turnover of bidder in 2014-15	
<b>23</b>	Annual Turnover of bidder in 2015-16	
<b>24</b>	Net Profit/Loss Made by OEM in 2013-14	
<b>25</b>	Net Profit/Loss Made by OEM in 2014-15	
<b>26</b>	Net Profit/Loss Made by OEM in 2015-16	
<b>27</b>	Annual Turnover of OEM in 2013-14	
<b>28</b>	Annual Turnover of OEM in 2014-15	
<b>29</b>	Annual Turnover of OEM in 2015-16	



<b>30</b>	<b>EMD Details</b> UTR Number Bank Name Date Amount	
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Please note that firms/agencies claiming exemption from submission of EMD under any statutory authority/law (eg. NSIC etc.) shall be required to submit necessary documents viz. valid registration certificate etc. to the satisfaction of the Bank. Such firms shall ensure to upload copy of valid Registration Certificate duly signed and stamped (in lieu of the EMD).



**ANNEXURE C**

Following documents are to be enclosed, in the same order, while submitting Technical Bid for Supply, Installation & commissioning of PAC Systems

Sr. No.	Particulars (Ensure whether the following have been enclosed)	Yes	No	Page No. of your Response
1	Self-Certified letter of unconditional acceptance of all Terms & Conditions			
2	If submitting technical bid as a partner - letter of authorization from the OEM			
3	If submitting technical bid as a partner - letter from OEM regarding the unconditional acceptance of terms and condition as regards to support for their products during warranty and subsequent AMC period if Partner fails to do so			
4	Should have been assessed by the Income Tax department for 3 consecutive Years			
5	Certification / Approvals			
6	Self-certified letter that branches/offices to log calls for support only with direct support offices.			
8	Documentary evidence of satisfactory completion of Project. (With detail like name of institutions, contact person, telephone No.) and the locations where the similar configurations of PAC Systems are installed, supplied and supported.			
9	Self-certified letter certifying - having technically qualified engineers at specified locations, who has expertise to install, support and commission the PAC Systems.			
10	Self-certified letter that any technical problem would be resolved within 2 days. Of call reported (including time for procuring spare parts)			
11	Self-certified letter to be submitted for meeting the delivery schedule and accepting the LD clause along with the copy of the respective OEM's Confirming to adhere the delivery schedules.			





12	Details of PAC System Specifications along with compliance & remarks if any specific			
13	Escalation Matrix (Annexure E)			



## **Technical Specifications**

### **(Per Unit)**

Type of unit	:	DX Type
Approved Make	:	Emerson/Schneider/Stulz
Capacity	:	10 TR (Nominal)
Airflow	:	5000 CFM
Discharge Type	:	Bottom Discharge

### **UNIT CONSTRUCTION**

Cabinet casing	:	Double skin side panels
Material	:	GI powder coated

### **COMPRESSOR**

Type	:	Scroll - Hermetic
Make	:	Copeland/ Equivalent
No. of Compressor	:	1 Nos.
Operating Speed	:	3000 Rpm
Electrical characteristics	:	415 v/ 3 ph / 50 Hz
Type of refrigerant	:	R407C
Vibration isolators	:	Vibration absorbers in suction & discharge line

### **EVAPORATOR FAN**

Type of Fan	:	Backward curved Plug Fan
Type of Drive	:	Direct Drive
Type of Motor	:	EC Motor
Make of Fan	:	EBM
Statically & dynamically balanced	:	Yes
Type of bearings	:	Ball bearings
Number of Fans	:	1 no.

### **EVAPORATOR COIL: DX:**

Manufacturer	:	OEM supply
Material of Tube	:	Copper
Material of Fin	:	Aluminum
Diameter of Tube	:	9.5 mm
Type of Bonding	:	Mechanical
No of Fins per Inch	:	12-14 fins per inch
Type of Fins	:	SIN



**CONDENSER**

Number of Condenser / Unit : 1 no.  
Material : GI powder coated

**CONDENSER FAN**

Type of Fan : Axial Fan  
Type of Drive : Direct Drive  
Type of Motor : AC Motor  
Make of Fan : EBM  
No. of Fans : 3 fans / Condenser  
Diameter of Fan : 500 mm  
Electrical characteristics : 220 v/ 1 ph / 50 Hz

**CONDENSER COIL:**

Manufacturer : OEM supply  
Material of Tube : Copper  
Material of Fin : Aluminum  
Diameter of Tube : 9.5 mm  
Type of Bonding : Mechanical  
No of Fins per Inch : 12-14 fins per inch  
Type of Fins : SINE

**HEATER**

Capacity : 6 Kw / 1 Stage  
Type : Electric Strip  
Make : OEM supply  
No. of Heater / unit : 1 no.  
Type of protection : Over Heat protection  
Electrical characteristics : 415 v/ 3 ph / 50 Hz

**HUMIDIFIER**

Type : Steam Electrode  
Make : Carrel/ Equivalent  
Capacity : 5 Kg/Hr.  
No. of Humidifier / unit : 1 no.  
Electrical characteristics : 415 v/ 3 ph / 50 Hz

**FILTERS**

Type : Washable  
Make : OEM Supply  
Filter Media : HDPE  
No. of Filters / unit : As per coil size  
Efficiency : 90% down to 10 microns.



<b><u>INDOOR UNIT DIMENSIONS</u></b>	:	<b>HEIGHT : 2000 MM</b> <b>WIDTH : 1010-1020 MM</b> <b>DEPTH : 920-940 MM</b>
<b><u>INDOOR UNIT WEIGHT</u></b>	:	<b>295 KGS</b>
<b><u>OUTDOOR UNIT DIMENSIONS</u></b>	:	<b>HEIGHT : 920-940 MM</b> <b>WIDTH : 2350-2400 MM</b> <b>DEPTH : 365-380 MM</b>
<b><u>OUTDOOR UNIT WEIGHT</u></b>	:	<b>120-130 KGS</b>



**ANNEXURE E**

ESCALATION  
MATRIX Name of  
Company:

Delivery Related  
Issues:

Sr. No	Name	Designation	Full Office	Phone No	Mobile No	Fax	email address
		First level Contact					
		Second level Contact (If response not received in 24 Hours)					
		Regional / Zonal Head(If response not received in 48 Hours)					
		Country Head(If response not received in One week)					

Sr. No	Name	Designation	Full Office	Phone No	Mobile No	Fax	email address
		First level Contact					
		Second level Contact (If response not received in 24 Hours)					
		Regional / Zonal Head (If response not received in 48 Hours)					
		Country Head (If response not received in One week)					

Any change in designation, substitution will be informed by us immediately.

Signature

Name of representative

Designation

Company Seal



**ANNEXURE F**

**TECHNICAL DATA SHEET FOR CLOSED CONTROL UNITS**

Make	_____	
Quantity	Nos	
Capacity	Cooling	TR
	Actual Capacity at Site Condition	TR
	Chilled Water Entering Temperature	°C
	Chilled Water Leaving Temperature	°C
Capacity Control	Type	---
	Minimum Capacity	%
IPLV	Min 5.2	
NPLV	Min 4.1	
COP (At ARI condition)	Min 3.2	
IKW Consumption	100 % Load	kW
	75 % Load	kW
	50 % Load	kW
	25 % Load	kW
Casing	Colour	---
	Material of Construction	---
Dimensions	Unit	Length
		Width
		Height
Weight	Unit	Kg
	Operating	Kg
	Shipping	Kg
Air Heat Exchanger	Make	---
	Type	---
	Model	---
	Tube Material	---
	Tube Thickness	mm
	Tube Dia	mm
	Tube Length	meter
	Type of Fins	---
	No of Fins per inch	No
Fan	Make	---
	Type	---
	Model	---
	Quantity	No
	Diameter	mm
	Speed	Rpm
	Nominal Air Flow	l/s
	Motor Input	kW



Compressor	Make		---		
	Quantity		Min 4		
	Model		---		
	Type		---		
	No. of steps		Min 6		
	Oil Charge		---		
	Quantity		No		
	High Pressure		---		
	Low Pressure		---		
	Capacity at operating conditions		TR		
	Motor		Make	---	
			Model	---	
			Quantity	No	
Speed			Rpm		
Motor Input			kW		
Refrigerant Circuit	Refrigerant Type		---		
	Total Refrigerant Charge/Chiller including all circuits		Max 70kg		
	No of Circuits		Min 2		
	Refrigerant Entering Temperature		°C		
	Refrigerant Leaving Temperature		°C		
Evaporator	Make		---		
	Type		---		
	Tube Material		---		
	Tube Thickness		mm		
	Tube Dia		mm		
	Tube Length		mm		
	No of Passes		No		
Evaporator pressure drop (Chilled water side)			Max 60kPa		
Electronic Expansion Valve			Make		
Sound Level	Sound Power	Cooling	dB(A)		
	Sound Pressure	Cooling	dB(A)		
Piping Connections	Evaporator Water inlet/outlet		mm		
Control Panel	Make		---		
	Model		---		
	Type		---		
	BMS Compatibility		---		
	MODBUS Details		---		
	Microprocessor		--		
	Display Unit (HMI)		---		
Power Required for Control Panels			---		
Power Supply for Unit	Phase		No		
	Frequency		Hz		

Voltage		V	
Voltage Tolerance	Minimum	%	
Voltage Tolerance	Maximum	%	
Maximum Starting Current		A	
Nominal Running Current in Cooling		A	





	Maximum Running Current	A		
	Maximum Current for Wires Sizing	A		
Fans	Nominal Running Current in Cooling	A		
Compressor	Phase	No		
	Frequency	Hz		
	Voltage	V		
	Voltage Tolerance	Minimum	%	
		Maximum	%	
	Minimum Running Current	A		
	Starting Method	---		
Safety Devices	High discharge pressure (pressure switch)			
	High discharge pressure (pressure transducer)			
	Low suction pressure (pressure transducer)			
	Compressor motor protection			
	High discharge temperature (C)			
	Low oil pressure			
	Low pressure ratio			
	High oil filter pressure drop			
	Phase monitor			
	Water freeze protection controller			
	Water Flow Switch			



Bank of Baroda  
Baroda Corporate Centre, Mumbai

# COMMERCIAL BID




**Annexure-G**

**Requirement of Precision AC Unit with Bottom discharge Type unit at 24<sup>th</sup> Floor server room, Gift One Tower, Gift City, Gandhinagar**

**BILL OF QUANTITIES/Price Bid (Tender Part-II)**

<b>S. No.</b>	<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate (Rs.)</b>	<b>Amount (Rs.)</b>
a)	Supply, installation, testing & commissioning of Precision AC system as per technical specifications. (Make: Emerson/ Schneider/ Stulz)	3	Nos.		
b)	Low side works				
	1. Refrigerant Gas - R410A/R407C	120	Kgs		
	2. Refrigerant Piping consisting of copper pipe from Indoor to Outdoor unit with insulation ( Hot gas & Liquid line ) - considering 40 Rmt/ckt	180	Rmt		
	3. Electrical cabling (Armoured) from indoor to outdoor unit 3C x 2.5 Sq.mm – as per proposed OEM.	180	Rmt		
	4. MS stands for Indoor unit powder coated.	3	Nos.		
	5. MS stands for Outdoor powder coated (Table Stand type)	3	Nos.		
	6. Drain piping 40NB GI-B Class pipes	90	Rmt.		
	7. Humidifier piping 25NB GI-B Class pipes	90	Rmt.		
	8. Motorised Damper	3	Nos.		
	9. Supply Air Grills	15	Nos.		
c)	Extension Kit for copper pipe more than 30 meters	4	Nos.		

	d) Drain Pump for condensate drain	Rate only	Nos.	Bank of Baroda Baroda Corporate Centre, Mumbai	
	e) Floor insulation( 9 mm Thick-Nitrile rubber)	180	Sq.ft.		
<b>A</b>	Total				
Rupees in words					

Rates for 5 years CAMC of the system after 3 years warranty period		
1	1 <sup>st</sup> year:	Rs.
2	2 <sup>nd</sup> year:	Rs.
3	3 <sup>rd</sup> year:	Rs.
4	4 <sup>th</sup> year:	Rs.
5	5 <sup>th</sup> year:	Rs.
<b>B</b>	Total of 5 year CAMC	Rs
Rupees in words		
<b>GRAND TOTAL (A+B)</b>		Rs.
<b>GRAND TOTAL in words</b>		

**Note:**

- Final payment will be subject to actual measurement of the area/work as per the mode of measurement mentioned in relevant IS Code. Contractors are requested to visit the site before submitting the offer.
- Cost is inclusive of all taxes such as Commissioning & Handing over of Precision AC system, Lifting, shifting charges upto 24<sup>th</sup> Floor of Gift One Tower, transportation, Scaffoldings, Removal of all Debris out of site, loading, unloading expenses, Excise duty etc without charging increase in price of material, labour till bids or completion of project and including MMC/ Local Authorities permission (Until Virtual Completion Certificate is issued by the Architect/Bank). **Taxes will be paid extra.**
- Above cost shall be inclusive of cost for related civil & electrical work, if any damages during repair work shall also be made good.



Terms & Conditions:

- All the commercial value should be quoted in Indian Rupees.
- Bank will deduct applicable TDS, if any, as per the law of the land.
- The amount quoted also includes the cost of all material that required for installation, commissioning and smooth functioning of PAC system.
- Further, we confirm that we will abide by all the terms and conditions mentioned in the Notice Inviting Tender document.

Place:

Date:

Seal & Signature of the bidder



**Bank of Baroda**  
Baroda Corporate Centre, Mumbai