

TENDER DOCUMENT

FOR

**AIR CONDITIONING WORKS AT PEROORKKADA BRANCH
(REF: PECOTVM/ACPRKDA/2023-24)
(CANARA BANK PEROORKKADA BRANCH NO 1 NV NAGAR
PEROORKKADA PO THIRUVANANTHAPURAM)**

Issued by

CANARA BANK

PREMISES & ESTATE SECTION, CIRCLE OFFICE

TC NO. 26/173 (1), PB NO 159, M G ROAD

THIRUVANANTHAPURAM - 695 001

TEL: 0471-2331340 email: pecotvm@canarabank.com

NOTICE INVITING TENDER

Sealed tenders are invited from OEMs/ authorized dealers/ suppliers of Air Conditioners of Bluestar/ Daikin/ Carrier/ Hitachi/Voltas/Lloyd/Samsung/LG/Mitsubishi/O'General make for the works mentioned below -

1. Name of the Work : Air conditioning works at Peroorkkada Branch
2. EMD Amount : NIL by way of Demand Draft of a Scheduled Bank Drawn in favor of Canara Bank payable at Thiruvanthapuram.
3. Time of Completion : 15 days from the 1st Day of issuance of the work order by the Bank/Handover of the premises.
4. Contents of the Tender : (A) Notice Inviting Tender
(B) General Rules & Instructions to Tenderers
(C) Tender Offer and acceptance
(D) Bill of Quantities
(E) Layout Plan
5. Date of Issue of Tender : **17/11/2023**
6. Pre bid meeting at site : Site is open for inspection.
7. Date of Submission : Sealed Envelopes to be submitted on or before **24/11/2023 upto 3.00 PM**
8. Date of Opening : Tenders will be opened on **24/11/2023 3.30 PM**

TENDER DOCUMENT ISSUED TO: _____

(I) GENERAL RULES AND INSTRUCTIONS TO TENDERERS

1. Sealed Tenders are invited from OEMs/ authorized dealers/ suppliers of Air Conditioners of Bluestar/ Daikin/ Carrier/ Hitachi/Voltas/Lloyd/Samsung/Mitsubishi/O'General/LG make for

AIR CONDITIONING WORKS AT PEsROORKKADA-II BRANCH

Scope of work involved shall be as per clause No.2 of the General Conditions of the Contract.

The site is ready for commencement of the works.

2. The tender concept is "SINGLE ENVELOPE CONCEPT".
3. Tender documents consisting of specifications, schedule of quantities of the various items of work to be done and the set of terms and conditions of contract can be collected personally from office of the **Assistant General Manager, Premises & Estate Section, Circle Office , Tc No. 26/173 (1), Pb No 159, M G Road, Thiruvananthapuram - 695 001**, between the dates mentioned in the Notice Inviting Tender (NIT).
4. Cost of Tender would be as detailed in the Notice Inviting Tender (NIT).
5. **EARNEST MONEY DEPOSIT (EMD):** The tender shall be accompanied by earnest money as per details in Notice Inviting Tender (NIT). No interest will be paid on the EMD. Tenders without Earnest Money shall be liable for rejection.
6. The tender documents are not eligible to be transferred. The tenderer shall not mutilate or alter or over write or misuse in any manner and shall submit the same duly filled & signed in prescribed format only. However for tenderers reference a photocopy can be retained. The successful tenderer will be issued with a copy of the tender document at the time of signing of the agreement.
7. The duly filled & signed tenders in sealed packet super-scribing " **TENDER FOR AIR CONDITIONING WORKS AT PEROORKKADA BRANCH** " are to be submitted to the office of Assistant General Manager (P&E section) at the address mentioned in point 3. The date

of opening of sealed tenders shall be as detailed in the Notice Inviting Tender (NIT) in the presence of the office staff and contractors/ representatives of contractors who are present at the time of opening of tender.

8. The tenderer shall check the tender documents and if any page/pages is/are missing or duplicate or indistinct, the same shall be brought to the notice of employer and rectified before submission of the tender.
9. The total time allowed for carrying out of the work shall not exceed the period specified in the NIT counted from the day of Acceptance Letter and/ or written orders to commence the work by the Bank.
10. The contractors should quote *in figures as well as in words* the rate, and amount tendered by them without any conditions. The amount for each item should be worked out and the requisite totals given. The rates quoted shall be all inclusive rates for the item of work described, including materials, labour, tools & plant, carriage & transport, supervision, overheads & profits, mobilizing and other charges whatsoever including any anticipated or un-anticipated difficulties, inclusive of all taxes and duties, etc complete for proper execution of the work as per drawings and specifications and no claim whatsoever for any extra payment shall be entertained. The quoted rates should be readable without any over-writing.
11. The language for tender shall be **ENGLISH** and the total amount tendered should be written in the same language only.
12. The security deposit shall be collected and repayable as detailed in clause No.12 of the General Conditions of the Contract.
13. The successful tenderer to whom the contract is awarded will have to deposit as initial security deposit a further sum to make up 2% of the value of accepted tender including the Earnest Money as detailed in clause No. 12 of the General Conditions of the Contract. The EMD of the contractor, whose tender is accepted, shall be forfeited in full in case he does not remit the Initial Security Deposit within the stipulated period or start the work by the stipulated date mentioned in the work order.

14. The acceptance of a tender will rest with the employer which does not bind itself to accept the lowest tender, and reserves to itself the authority to reject any or all of the tenders received without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. **THE EMPLOYER RESERVES THE RIGHT TO ACCEPT THE TENDER IN FULL OR IN PART AND THE TENDERER SHALL HAVE NO CLAIM FOR REVISION OF RATES/ OTHER CONDITIONS IF HIS TENDER IS ACCEPTED IN PART.**
15. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
16. All rates shall be quoted on the proper form of the tender alone. Quoted rates and units different from prescribed in the tender schedule will be liable for rejection.
17. Special care should be taken to write the rates in figures as well as in words. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line. However, if any discrepancy is found,
- i) The rates which correspond with the amount worked out by the tenderer shall unless otherwise proved be taken as correct.
(OR)
 - ii) If the amount of an item is not worked out by the tenderer or it does not correspond with the rates written either in figures or in words then the rate quoted by the tenderer in words shall be taken as correct.
(OR)
 - iii) Where the rates quoted by the tenderer in figures and in words tally but the amount is not worked out correctly, the rates quoted by the tenderer will unless otherwise proved be taken as correct and not the amount.
18. Tender is called, as item rate and the tender containing percentage below/ above will be summarily rejected. However, where a tenderer voluntarily offers a rebate for payment within a stipulated period, this may be considered.
19. Applicable goods and service tax shall be paid extra as per the prevailing norms. Contractor should produce gst registration number.

20. The scope of the offer involves offeror to quote Comprehensive Annual Maintenance Contract (CAMC) for 4 years, which shall commence after completion of 12 months of defect liability period/ Warranty Period. The CAMC shall be comprehensive inclusive of all spare parts, replenishing of gas, wear/tear parts, including filters electricals and all-inclusive. **The CAMC cover also includes free replacement of “compressor” in the event of its failure/burn out. “Free replacement” means replacing the “compressor” with a new compressor and does not mean/cover re-winding of the compressor.**
21. It shall be a part of the CAMC terms that preventive maintenance call shall be once in a quarter and all filters shall be cleaned and AC units shall be checked for its performance. In addition to the above, any break down call shall be attended within 1 working day/12 hours. In the event of AC unit needs to be repaired at service center/ suppliers workshop, the offeror shall provide spare working unit till the original unit is repaired/ serviced & re-commissioned.
22. Retention money @3% will be deducted and kept for one year for the low side installation work. The same will be released after defect liability period provided the contractor has satisfactorily carried out all the works and attended to all the regular service and cleared the defects in accordance with conditions of the contract. No interest is allowed on retention money.
23. The contractor shall give a list of his relatives, if any, working with the Employer along with their designations and addresses.
24. No employee of the employer is allowed to work as a contractor for a period of two years of his/her retirement from the employer services, without the previous permission of the employer. This contract is liable to be canceled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the employer as aforesaid before submission of the tender or engagement in the contractor's service.
25. The tender for the works shall remain open for acceptance for a period of 90 days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the Employer, then the Employer shall, without prejudice to any other

right or remedy, be at liberty to forfeit full value of the earnest money as aforesaid. (Also please refer special conditions regarding validity of optional items).

26. The tender for the work shall not be witnessed by a contractor or contractors who himself / themselves has / have tendered or who may and had/have tendered for the same work. Failure to observe this condition would render tenders of the contractors tendering as well as witnessing the tender liable to summary rejection.
27. It will be obligatory on the part of the tenderer to tender and sign the tendered documents for all the component parts and that, after the work is awarded, he / they will have to enter into an agreement (as enclosed) for each component with the competent authority of the Employer.
28. Further the tenderer shall agree that until a formal agreement on stamp paper is prepared and signed, this tender shall constitute a binding contract between the tenderer and the Employer.
29. The tenderer, apart from being a competent contractor must associate himself with agencies of appropriate class who are eligible to tender for other related works connected directly or indirectly with the contract and employed by the employer.
30. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the site and dimensions, the means of access to the site, and obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender.
31. Tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors bearing on the execution of the work.
32. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Employer shall be communicated to the Employer.

33. Method of Evaluation of tender: All the competitive tenders will be received on the specified date and time. On the same day or on specified date & time in event of any compelling circumstances, the tenders will be opened in the presence of the available tenderer. *Any clarifications, discrepancies, omissions, ambiguities in the tender document or any doubt as to their meaning should be reported during the pre-bid meeting.*
34. In case of other un-successful tenderers, the EMD shall be returned. No interest is payable on EMD.
35. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 7 days from the date of acceptance, sign on a stamp paper, the contract consisting of -
- (a) Standard form of Agreement on stamp paper.
 - (b) Notice inviting tender, all documents including tender drawings, if any, forming the tender as issued at the time of invitation of tender and tender acceptance with any other correspondence leading thereto.
 - (c) Price Bid / Schedule Bill of Quantities.

For & on behalf of the Employer

36. INITIAL & INTERIUM PAYMENTS:- Initial Mobilization Advance: No mobilization advance will be considered by Bank. Running Bill payments: All bills shall be prepared by the contractor in the form prescribed by the Employer/ Architects. Normally one interim bill shall be prepared each month subject to minimum value for interim certificate as stated in the Appendix-1. The bills in proper forms must be duly accompanied by detailed measurements & test certificate in support of the quantities of work done and must show deductions for all previous payments, retention money, etc.

The Architects shall issue a certificate after due scrutiny of the contractor's bill stating the value of the work executed , amount due to the contractor from the Employer and the contractor shall be entitled to payment thereof, within

the period of honoring certificate stated in the Appendix-1 subject to its correctness and verification by Employer .

The amount stated in an interim certificate shall be the value of work properly executed and material advance upto 75% of invoiced value of materials brought to site for alternate incorporation into the work after preparation of the previous bill less the amount to be retained by the Employer as retention money vide clause 10 of these conditions. Advance paid for materials already incorporated in the work shall be recovered.

The material advance shall be admissible only on materials, which in the opinion of the Architect/ employer are imperishable in nature, are genuinely required for use in the work in the near future, are of the required quality and are adequately protected against damage, theft, loss etc.

If the Employer has supplied any materials or goods to the contractor, the cost of any such materials or goods will be progressively deducted from the amount due to contractor in accordance with the quantities consumed in the work.

All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the requiring of bad, unsound, and imperfect or unskilled work to be removed and taken away and reconstructed, or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim, nor shall it conclude, determine or affect in anyway the power of the Employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract.

37. **FINAL PAYMENT:** The final bill shall be submitted by the contractor to the Architect within one month of the date of completion of the work certified by the Architect and payment shall be made **within one month** for such of those items and quantities that in the opinion of the Employer are undisputed.

Payments of final bill shall be made after deduction of Retention Money. The acceptance of payment of the final bill by the contractor would indicate that he will have no further claim in respect of the work executed.

Signature of the Contractor/Tenderer
with Name, Constitution & Seal

Signature of the Authorized/
Accepting Authority

(II) TENDER-OFFER

I/We have read and examined the Notice Inviting Tender, Schedules, Specifications Applicable, Drawings and Designs, General Rules and Instructions, General Conditions of Contract, Special conditions, Schedule (Bill) of quantities in Price Bid, and all other documents referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Employer within the time specified at the rates specified in the attached Price Bid viz., schedule of quantities and in accordance in all respects with the specifications, designs drawings and instructions in writing referred to in the General Rules and Instructions, General Conditions of Contract and in all respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for 90 days from the due date of submission thereof and not to make any modifications in its terms and conditions. A sum of Rs..is hereby forwarded as earnest money in form of Demand Draft of (Name of the issuing Schedule Bank) bearing no. and date

In the event of my/ our failure to commence the work on the specified date after award I/ We agree that the Bank shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by it towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

I/ We agree that should I/ We fail to deposit the full amount of initial security deposit and/ or fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the Employer and the same may at the option of the Employer be recovered without prejudice to any other right or remedy available in law, out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/ us under this contract or otherwise.

I/ We hereby declare that I/ We treat the tender documents, drawings and other records connected with the work as confidential documents and shall not communicate information/ derived there from to any persons other than a person to whom I/ We am/ are authorized to communicate the same or use the information in any manner prejudiced to the safety of the Employer.

I/We fully understand that you are not bound to accept the lowest or any tender you may receive. Shri. _____, Partner/ Proprietor/ Authorized representative of the Company, is the person authorized to negotiate commercial, technical terms & conditions & sign on behalf of the firm any Agreement, Bills & receipts for this work.

I/We agree that until a formal agreement on stamp paper is prepared and signed, this tender with your written acceptance thereof shall constitute a binding contract between us.

Date: ____ / ____ /2023

Signature of the Contractor / Tenderer

Witness, Name & address:

(Full Postal Address including Pin Code No. & Telephone No.)

1).

2).

INSTRUCTIONS / Notes:

- a) All materials should be confirming to relevant BIS codes.
- b) Tenderers to include all taxes, duties, fees, transportation and all other expenses while quoting the item rates **except goods & service taxes.**
- c) The dimensions shown in the layout plan are indicative and may vary as per site conditions. Tenderers to ensure that correct dimensions are obtained before supply/ installation of the modular furniture with approval from the Bank
- d) Tenderers to note that they have to supply & install the furniture as detailed in the Bill of Quantities in stages as and when area is made available, in coordination with other (Air Conditioning, civil and air conditioning) contractors
- e) Tenderer shall take up necessary safety measures while working at site for his/ other contractor manpower and equipment
- f) Tenderer shall present detailed Elevation/Design plan along with the tender. Any deviation shall also be mentioned in the tender document only**
- g) The design might slightly vary as per requirement at the site {If only}, with approval from Bank.

- h) The contractor, at his own expense, shall visit the site and get acquainted with the working conditions before quoting their item rates.
- i) Delivery schedule of the material on site has to be informed at least 3 days prior to delivery to this office
- j) Any design element not possible to manufacture to be mentioned in detail in the bid itself and alternative for the same to be suggested as a deviation, if any.
- k) The colour scheme shall be as per the approval of the Bank
- l) The scope of the offer involves offeror to quote Comprehensive Annual Maintenance Contract (CAMC) for 4 years, which shall commence after completion of 12 months of defect liability period/ Warranty Period. The CAMC shall be comprehensive inclusive of all spare parts, replenishing of gas, wear/tear parts, including filters electricals and all-inclusive. The CAMC cover also includes free replacement of “compressor” in the event of its failure/burn out. “Free replacement” means replacing the “compressor” with a new compressor and does not mean/cover re-winding of the compressor.
- m) It shall be a part of the CAMC terms that preventive maintenance call shall be once in a quarter and all filters shall be cleaned and AC units shall be checked for its performance. In addition to the above, any break down call shall be attended within 1 working day/12 hours. In the event of AC unit needs to be repaired at service center/ suppliers workshop, the offerer shall provide spare working unit till the original unit is repaired/ serviced & re-commissioned.
- n) In case the OEM quoted the tender through his authorized agency, it is the responsibility of the OEM to ensure proper and timely installation of air conditioners and proper after sales service during warranty and CAMC period. An authorization certificate has to be submitted with the tender documents in this regard.

SEAL & SIGNATURE OF THE CONTRACTOR

DATE

SCOPE OF COMPREHENSIVE AMC**A) MAINTENANCE DURING DEFECT LIABILITY PERIOD OR WARRANTY PERIOD**

1. The tenderer shall maintain the AIRCONDITIONING UNITS and associated equipment like ducts (existing as well as new, if required) etc. at free of cost and ensure that it works as per tender parameters.
2. All spares required for normal operation as per tendered parameters shall be replaced at no extra cost.
3. The number of visits shall be same as stipulated in Comprehensive Annual Maintenance.

B) COMPREHENSIVE ANNUAL MAINTENANCE (CAM) (after the defect liability period)

1. The tenderer shall maintain the AIRCONDITIONING UNITS and associated equipment like duct etc for a period of Four years after the expiry of defect liability period and ensure that it works as per the tendered parameters.
2. The rate of annual maintenance charges shall be furnished for a period of 4 years after the expiry of warranty/defect liability period and the rates quoted shall be binding on the tenderer.
3. The cost of CAM furnished shall also be one of the criteria in evaluation of cost economics.
4. The **Comprehensive Annual Maintenance Charges** shall be **paid once in six months after satisfactory maintenance** for the previous two quarters (i.e., six months).

All the activities under this clause shall be completed within the stipulated time schedule.

5. Departure from Specification: Schedule of departure from the specification if any, shall be furnished by the tenderer in technical and commercial bid along with implication on the system and cost.

**SCOPE OF COMPREHENSIVE ANNUAL MAINTAINANCE CONTRACT FOR
AIRCONDITIONING SYSTEMS (CAMC)**

The tenderer shall offer the following at no extra cost to the bank. The rate quoted for CAMC should include the following.

1. The tenderer shall maintain the Air Conditioning System and ensure that it works as per the tendered parameters.
2. All the repairs and replacements of spares shall be carried out which are necessitated due to usage of system as per tender stipulations. However, the repairs and replacements necessitated by loss or damage due to misuse or accident, fire or natural calamities shall be out of the scope of CAMC.
3. **The tenderer shall inspect the equipment at least once in every three month as a part of preventive Maintenance. This is apart from any breakdown visits that may be required which may emanate in between the two preventive maintenance inspections.**
4. The maximum breakdown time shall be one day from the time of receiving the complaint over phone. If the tenderer is not in a position to set right the defect or repair and put back the AC to working condition within one day, a standby unit to suit the tender parameters should be provided immediately.
5. During the Preventive Maintenance, the tenderer shall inspect/ check the equipment and record the following in log book, which shall be verified and confirmed by the bank's representative.
 - a. AC System: Any malfunctioning of the components, checking the gas pressure, and leakage in the refrigerant pipes and drain pipes.
 - b. Any other remarks regarding the Electrical System:
 - c. Any steps to be taken by bank for working of AC system.

6. During the preventive maintenance inspection, tenderer shall carryout the following apart from the other requirements for functioning of system as per tender parameters and same shall be recorded in a log book which shall be verified and confirmed by bank's representative.

AC System:

- i. General cleaning and water wash of indoor/outdoor units.
- ii. Loose contact.
- iii. Leakages in refrigerant piping and drain piping.
- iv. Pressure check of the refrigerant gas.

7. During the break down calls, the nature of repair carried out, parts replaced etc shall be recorded in the log book.

OTHER TERMS WITH REGARD TO CAMC:

- a. The rate of annual maintenance charges shall be furnished for a period of 4 years after the warranty/Defect Liability Period and rates quoted shall be binding on the tenderer.
- b. The scope and terms of Annual Maintenance Contract like number of monthly visits, items covering under Annual Maintenance Contract, replacement of spares exclusions if any, down time for break down and service calls shall be as mentioned above.
- c. The Bank reserves the right of discontinuing the Annual Maintenance Contract from the contractor during the tenancy of Annual Maintenance Contract.
- d. The cost of Annual Maintenance Charges shall also be one of the criteria in evaluation of cost economics of the tender. All the activities under this clause shall be completed within the stipulated time.

SITE ADRESSES

Sl.No	RO NAME	DP Code	Branch Name	Addresses
1	Trivandrum-I	14034	Peroorkkada	Proposed building for Branch, TC 21/277/1, Kudappanakkunnu, Trivandrum 695043

TECHNICAL BID

(To be submitted in separate sealed cover)

TECHNICAL BID

Name of the firm/company	
Postal address with pin code	
Email Address	
Telephone no. office 1	
Telephone No. office 2	
Mobile number	
Contact person (Copy of Photo ID to be attached)	
Year of establishment	
Status of the firm (Proof to be attached)	Proprietorship/ Partnership/ Company
Name of Proprietor/ Partners/ Directors	
PAN NO	
GST NO.	
Copy of Dealer Certificate	Enclosed/Not enclosed
Appendix-1&2 (In firm's letter head)	Enclosed/Not enclosed

DECLARATION

1. All the information furnished by me / us here above is correct to the best of my knowledge and belief.
2. I / We agree that the decision of CANARA BANK in selection will be final and binding to me / us.

Place :

Date :

Name & Signature
of the Contractor

APPENDIX -1 DECLARATION

(IN FIRM'S LETTER HEAD WITH TECHNICAL BID)

Ref: PECOTVM/ACPRKDA-II/2023-24

I/We hereby declare that I/We have not been banned or blacklisted or debarred by any Government, Quasi Government Agencies, Public Sector Undertakings or Private Companies anywhere, anytime.

Should it be observed anytime during currency of the bidding process or during execution of the work that I / We have been banned, blacklisted or debarred by any of the above Agencies, then I / We agree for termination of the contract forthwith and also agree for forfeiture of our Earnest Money Deposit and Security cum Performance Deposit, if any, by Canara Bank, without any recourse.

Dated:

Signature & Name of the Bidder with seal

APPENDIX -2 UNDERTAKING LETTER
(IN FIRM'S LETTER HEAD WITH TECHNICAL BID)

The Assistant General Manager,
Canara Bank,
Premises & Estate Section,
Trivandrum - 695001.

REF: PECOTVM/ACPRKDA-II/2023-24

Dear Sir,

This has reference to your above RFP published in your banks website and CPPP web site.

We hereby state that we M/s _____ have submitted the above offer documents duly filling at the appropriate places without making any alterations, corrections, omissions in the offer issued by the bank or downloaded from the web site.

Signature & Name of the Bidder with seal

PRICE BID

(Price Bid for each branch to be submitted in
separate sealed cover mentioning the name of
branch on cover)

PRICE BID

Sl. No	Description	Qty	Unit	Rate Excl. GST (Rs./unit)	Amount (Rs.)
I					
A	MACHINES				
1	Supply , installation, testing and commissioning of inverter type air conditioners comprising of outdoor unit with SCROLL/ROTARY Compressor, isolating valve, copper condenser & evaporator coils, air cooled condenser fans, thermostatic control, safety cut-outs, vibration pads with single outdoor and Indoor unit with 3 row cooling coil, 20Micron filter including remote controller and ODU fins. Note: The Hi-Wall Split Air Conditioners unit should be of 5 Star Rated in energy efficiency and Cassette AC's should be of minimum 3 star rated in energy efficiency as per Bureau of Energy Efficiency (BEE)as per Bureau of Energy Efficiency (BEE) Cost should include standard length of 3m copper pipe with insulation as per spec. Approved Makes: CARRIER, DAIKIN, BLUESTAR, MITSUBISHI, O'GENERAL, VOLTAS, LLOYD, LG. Make and Model Number to be specified in column given Installation, testing and commissioning the AC units (including transportation) should include all required accessories & with One or more times pressure testing with nitrogen at company specified psig for each unit, leak testing, rectification, vaccumisation, gas charging, testing & commissioning and balancing of each unit to satisfy that there are no leakages & satisfactory operations. Rate including ceiling/wall mounted suspension Kit etc complete				
a	1. 0 TR Hi-wall Split type AC unit (Make-) (Model-)	4	Nos.		
b	1.5 TR Hi-wall Split type AC unit (Make-) (Model-)	1	Nos.		
c	2.0 TR Hi-wall Split type AC unit (Make-) (Model-)	2	Nos.		
2	Supply and installation of following stablizer - make-V Guard				
a	4kVA	5	Nos.		
b	5kVA	2	Nos.		
	Total Cost of Machines (AC units+Stabiliser), A				

2	Refrigerant piping for units - Supply, installation, testing & commissioning of suitable swg copper, refrigerant piping for suction & return of suitable dia with complete fittings, elbow, bends, supporting arrangement (Make- Nissan, Merchant) MET tube, Totaline tube, pre pressure tested tube. The sizes given shall be verified by Supplier for adequacy and size based on manufacturer standards. (Standard length of 3 m not to be considered) . Insulation - providing Nitrile rubber insulation 19mm thick class "O" closed cell fire retardant super Lan, Armaflex make (Standard length of 3 m not to be considered) . The sizes given shall be verified by Supplier for adequacy and size based on manufacturer standards. Rate to include insulation cost.				
a	1. 0 TR Hi-wall Split type AC unit	40	rmt		
b	1.5 TR Hi-wall Split type AC unit	15	rmt		
c	2 TR Hi-wall Split type AC unit	20	rmt		
3	Drain piping				
	SITC of CPVC drain piping insulated out of 6mm thick closed cell nitrile rubber class material of approved make as per specification complete with supports, consumables, fittings, pipe sleeves, U trap & leak arresting of following sizes. finished with clad or poly shield covering. Complete as directed by Architect/Bank. Make- Finolex, Precision				
a	1. 0 TR Hi-wall Split type AC unit	40	rmt		
b	1.5 TR Hi-wall Split type AC unit	15	rmt		
c	2 TR Hi-wall Split type AC unit	20	rmt		
4	Electrical Cable -				
	SITC of suitable electrical control cable of ISI Mark from Indoor to outdoor units for all the units. (Standard length of 3 m supplied not to be considered) . Make - Finolex, Polycab				
a	1. 0 TR Hi-wall Split type AC unit	40	rmt		
b	1.5 TR Hi-wall Split type AC unit	15	rmt		
c	2 TR Hi-wall Split type AC unit	20	rmt		
5	Supply and installation of MS powder coated stand for outdoor units				
a	1. 0 TR Hi-wall Split type AC unit	4	No		
b	1.5 TR Hi-wall Split type AC unit	1	No		
c	2 TR Hi-wall Split type AC unit	2	No		

6	Rate for trenching of wall/ floor with covering the same with cement mortar 1:4 mix. In line level. Rate should be inclusive of making necessary holes including core cutting as required for taking out copper piping, electric cables upto the Outdoor AC Unit. Complete in all respects with finishing.	1	LS		
7	Supply and installation of timer unit for ATM AC	1	No		
8	Removal of existing cassette/split AC units including copper pipe, drain pipe and other related items at stage wise progress of work and stocking of serviceable material and disposal of unserviceable material from the site as directed by the bank official.	1	No		
9	Fixing of cassette/split units including gas charging and commissioning	1	No		
	Total Cost of Low side works (Rs.) Excl. GST, B				
	SITC of Units Total = (A + B)				
C	CAMC				
	Comprehensive Annual Maintenance Contract (CAMC) for new ACs shall commence after completion of 12 months of defect liability period/ warranty period. The CAMC shall be comprehensive type & hence inclusive of all spare parts, Gas charging, including filters, electrical parts etc. The CAMC cover also includes free replacement of "Compressor" in the event of its failure/burn out. "Free replacement" means replacing the "Compressor" with a new Compressor and does not mean re-winding of the Compressor.				
	EXCLUSIVE OF GST				
i	1.0 TR Hi-wall Split type AC unit				
1	CAMC for First Year AFTER ONE YEAR WARRANTY PERIOD	4	No		
2	CAMC for Second Year	4	No		
3	CAMC for Third Year	4	No		
4	CAMC for Fourth Year	4	No		
ii	1.5 TR Hi-wall Split type AC unit				
1	CAMC for First Year AFTER ONE YEAR WARRANTY PERIOD	1	No		
2	CAMC for Second Year	1	No		
3	CAMC for Third Year	1	No		
4	CAMC for Fourth Year	1	No		
iii	2.0 TR Hi-wall Split type AC unit				
1	CAMC for First Year AFTER ONE YEAR WARRANTY PERIOD	2	No		

2	CAMC for Second Year	2	No		
3	CAMC for Third Year	2	No		
4	CAMC for Fourth Year	2	No		
	Total Cost for CAMC Excl. GST, C				
	Grand Total = Machine + Lowside + CAMC				
	In Words				
	Note: -				
	1. Cost inclusive of Octroi, Transportation, cleaning the site and removal of debris, etc. without increase in price of material, labour till completion of Project				
	2. Applicable GST Shall be payable extra.				
	3. Please submit a copy of dealership certificate along with Tender.				
	Note: - Applicable GST Shall be payable extra.				
	Note: Contractor has to carryout the work in co-ordination with other contractors in the site in order to complete all works within time frame.				

Grand Total (Cost for Machine + Lowside + CAMC)=

_____ in
words