



**PREMISES DEPARTMENT
ZONAL OFFICE KANPUR**

REQUEST FOR QUOTATION

**SUPPLY, INSTALLATION, TESTING AND COMMISSION OF AIR
COOLED DUCTABLE AC AT INDIAN BANK, ZONAL OFFICE - KANPUR**

Ref.No : ZO:KNP/PRM/2023-24/06

Date. : 16/06/2023

Issued to:

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Last Date for the Submission of Quotation	26/06/2023 upto 14:00 HRS at Indian Bank, Zonal Office, Premises Department, 15/287, Civil Lines, Mall Road, Bada Chauraha, Near Z-Square Mall, Kanpur - 208001
Date of Opening of Quotation	26/06/2023 at 16:00 HRS Indian Bank, Zonal Office, Premises Department, 15/287, Civil Lines, Mall Road, Bada Chauraha, Near Z-Square Mall, Kanpur - 208001

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**INDIAN BANK
ZONAL OFFICE – KANPUR**

NOTICE INVITING QUOTATION

Indian Bank Zonal Office Kanpur invites sealed competitive quotations from Authorized Dealers / OEMs / Agencies / Vendors dealing in Supply, Installation, Testing and Commission of Air Cooled Ductable Split Air Conditioner along with ancillary works as per Schedule of Quantities and Specifications.

1	Name of work	Supply, Installation, Testing and Commissioning of Air Cooled Ductable Split Air Conditioner along with ancillary works in Indian Bank, Zonal Office - Kanpur
2	Time for Completion of Work	20 days to be reckoned from the 3 rd Day from the date of issue of the Work Order
3	Minimum Eligibility Criteria	<p>1. Should be an Authorized Dealer / OEM / Distributor / Authorized Vendor dealing in SITC of Air Conditioning Works of preferred Brands like Carrier / Daikin / Hitachi / Blue Star / Mitsubishi.</p> <p>Please note that the bidder must provide OEM Authorized Certificate.</p> <p>2. Should be in business minimum for the past 5 years in carrying out similar nature of works ending 31.03.2023. Please furnish Purchase Order / Work Order / Client's Completion Certificate issued by PSBs or PSUs or Reputed IT Firms or Central Government or State Government to confirm the same.</p> <p>3. Should have carried out similar work of value in the last 5 years (ending 31.03.2023). At least :</p> <ul style="list-style-type: none"> • One similar works of value not less than Rs.4.90 Lakhs each (OR) • Two similar works of value not less than Rs.3.10 Lakhs each (OR) • Three similar works of value not less than Rs.2.48 Lakhs each <p>Experience Certificate / Order showing value of work satisfying the above eligibility criteria is to be enclosed.</p> <p>Similar works means: SITC of Air Cooled Ductable AC System with any of Public Sector Banks, Central/State Govt Dept, Central Autonomous Body, PSUs or Reputed Institutions.</p> <p>4. Should have valid GST No.</p> <p>5. They should not have incurred loss in the last 3 Financial years (Please attach 3 years (2019-20, 2020-21, 2021-22) Profit & Loss statement duly authorized by Chartered Accountant).</p> <p>6. Should have an minimum yearly turnover of Rs.5 Lakhs during the last three financial years (2019-20 , 2020-21 & 2021-22). Please attach copy of audited balance sheets or duly authorized Certificate issued by CA mentioning the turnover details of last three FYs.</p> <p>7. Should have Office in Kanpur or Lucknow for rendering after sales service during warranty and AMC in future.</p>

		<p>8. Should provide catalogues and name of OEM along with technical details of proposed system.</p> <p>The bidders must satisfy the above criteria and furnish the relevant documents as proof. If the Vendors fails to provide relevant documents and meet the minimum eligibility criteria as mentioned above, Bank would disqualify the bidder without assigning any reason whatsoever.</p>
4	Validity of Quotation	30 Days from the date of Opening of Bids
5	Defects Liability Period	12 Months from the date of completion or commissioning and handover of the work
6	Retention Money(RM)	<p>3% of the Bill Amount excluding Taxes which will be refunded after completion of defect liability period.</p> <p>Retention Money can be discharged earlier also on submission of Performance Bank Guarantee of 3% of Bill Amount by the Vendor issued by Scheduled Commercial Bank other than Indian Bank which should be valid for atleast 12 Months from the date of installation and commissioning of Machine.</p>
7	Payment Terms	<p>1. Payment of 70% of Cost of AC Unit supplied will be made immediately against the bill provided after the delivery of machines at site.</p> <p>2. Remaining amount will be paid within 10 days from the date of intimation of successful installation and commissioning of required AC Ductable Units.</p>
8	Liquidated Damages	If the Work is delayed beyond the scheduled completion date, then 0.50% of the total value of the Contract per week of delay will be deducted from the final bill value subject to maximum of 10% of the value of work.
9	Quotation Documents	Quotation Documents can be obtained from Indian Bank, Zonal Office, Premises Department, 15/287, Civil Lines, Mall Road, Near Z-Square Mall, Kanpur - 208001 from 16/06/2023 to 26/06/2023 on all working days during office hours and / or can be downloaded from the Bank's website (www.indianbank.in) under Tenders column.
10	Last date & Time for the submission of Quotation	26/06/2023 upto 14:00 HRS at Indian Bank, Zonal Office, Premises Department, 15/287, Civil Lines, Mall Road, Bada Chauraha, Near Z-Square Mall, Kanpur - 208001
11	Date & Time of Opening of Bids	26/06/2023 upto 16:00 HRS at Indian Bank, Zonal Office, Premises Department, 15/287, Civil Lines, Mall Road, Bada Chauraha, Near Z-Square Mall, Kanpur - 208001

Note:

- Vendors are required to submit the bid in sealed cover along with, necessary documents prescribed in the Bids, Forms and EMD and super-scribed **"Quotation for Supply, Installation, Testing and Commissioning of Air Cooled Ductable Split Air Conditioners along with ancillary works in Indian Bank, Zonal Office – Kanpur"** and addressed to **"The Zonal Manager, Indian Bank, Zonal Office, 15/287, Civil Lines, MG Road, Kanpur – 208001, UP"**
- Conditional quotations, late quotations, quotations without EMD will be summarily rejected. Any bid received late or not meeting all the conditions or Bids not filled up in Ink are liable to be rejected.
- Earnest money or Retention Money will not carry any interest.



4. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from taking up the work in Indian Bank.
5. The Bank reserves the right to verify the particulars furnished by the applicant independently.
6. Bank is not bound to accept the Lowest (L1) bidder and reserves the right to accept or reject any or all the quotations without assigning any reason whatsoever.
7. Submission of this quotation document by a bidder implies that he/she has read this notice and other contract / documents and has made himself aware of the scope, specifications, conditions, liabilities and duties bearing on the execution of the contract.
8. Each and every page of the quotation documents and correspondences accompanying the RFQ shall have to be duly signed and stamped by the Bidder / Authorized Signatory before submission.
9. The rates quoted by the bidder shall be based only on the specifications and conditions of the quotation documents.
10. Bank is not liable to make any payment to bidders for preparation to submit the bid.
11. Clarifications, if any, pertaining to this bids may be referred to Indian Bank, Premises Department, Zonal Office Kanpur through E-mail Id – **zokanpur@indianbank.co.in**

ZONAL MANAGER



FORM OF SUBMISSION

**The Zonal Manager
Indian Bank
Zonal Office Kanpur
15/287, Civil Lines,
Bada Chauraha,
Kanpur Nagar – 208001**

Dear Sir,

**SUB: Invitation of Quotation for (SITC) of Air Cooled Ductable AC
Along with ancillary works to be carried out in Indian Bank, Zonal Office - Kanpur**

Having examined the specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We further agree to complete the work within the stipulated time as specified in the Quotation Document.

I / We understand that Indian Bank is not bound to accept the lowest bid or bound to assign any reasons for rejecting our bid.

In the event of this quotation being accepted, I/We agree to enter into and execute the necessary contract required by you.

I / We understand that Indian Bank may award the work to more than one Contractor and I / We shall make no claims whatsoever if Indian Bank accept only a part of my / our bid.

I / We unconditionally agree to Indian Bank's conditions as stipulated in the Documents.

I/We agree to keep our bid open for **30 (Thirty) days** from the date of opening of quotation.

I / We agree that incase of my / our failure to execute the work in accordance with the specifications and instructions received from the Bank during the course of the work, Bank reserves the right to terminate my work order and recover all the dues to the Bank from the payment receivable by me. Further, I may also be barred from participating in any type of bid invited by Bank or its subsidiaries in future.

Thanking you,

Yours faithfully,

[To be signed by the Authorized Representative
of Firm who has the Power to do so]

Place:
Date :

Name:
Address:

Seal:

GENERAL INFORMATION OF THE FIRM

S.NO	PARTICULARS	DETAILS
1	Name of Organization / Firm / Company	
2	Year of Establishment	
3	Registered Address (Please provide the address proof)	
4	Email Id	
5	Mobile Number of Authorized Person	
6	Whether the tenderer is an Individual / Proprietary Firm / Partnership Firm / Limited Company / Corporation. Please attach requisite documents as proof	
7	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	
8	Name & Mobile Numbers of Directors / Partners / Proprietor	1. 2.
9	Whether registered as MSME Organization? If so, provide the date of registration, validity & License No	
10	Banker's Details – (Please attach copy of cancelled cheque as proof) (i) Banker's Name : (ii) Account No. : (iii) Type of Account : (iv) IFSC :
11	Registration with Government Authorities	
	1. PAN No (Attach Copy of PAN No)	
	2. GSTIN No. (Attach Copy of GSTIN)	
12	Whether last three years IT returns filed (Enclose Self Attested Copy of ITR Return) FY 2019-20 (AY 2020-21) FY 2020-21 (AY 2021-22) FY 2021-22 (AY 2022-23)	
13	Turn Over of the following years :	
	FY 2019-20	
	FY 2020-21	
	FY 2021-22	
	Please attach copy of Audited Balance Sheet and Profit Loss Statement as proof or Certificate	

	from Chartered Accountant mentioning the above details and duly authorized by him / her along with UDIN No.	
14	Was the applicant ever required to suspend works for a period of more than six months continuously after commencement of works. If so, give the name of the project and give reasons thereof.	
15	Has the applicant or any constituent partner in case of partnership firm, any director in case of private ltd company ever abandoned the awarded work before its completion? If so, give the name of the project and give reasons thereof.	
16	Has the applicant or any constituent partner in case of partnership firm, any director in case of private limited company ever been debarred / black listed for tendering in any organization at any time? If so, give details	
17	Detailed Description and Value of Similar Works Executed in the last three years. Please attach copy of Purchase Order and Installation Report or Credential Letters from the concerned organization confirming supply, installation and maintenance of concerned items.	
18	Any other information which the Bidder seems necessary to provide about their Firm in order to satisfy the minimum eligibility criteria	

DECLARATION –

1. All the information furnished by me/us here above is correct to the best of my knowledge and belief.
2. I/We have no objection if enquiries are made about the work listed by me/ us in the accompanying sheets/ annexures.
3. I/We agree that the decision of Indian Bank in selection of tenderers will be final and binding to me/ us.
4. I/We hereby confirm that our firm/agency/company has not been disqualified / debarred / blacklisted by any Governments, Semi-governments, PSUs, Banks including any of the Offices / Branch of Indian Bank Pan India during last 5 year from the date of application.
5. I/We hereby confirm that all information, particulars, copies of certificates and testimonials in connection with my/our empanelment are correct and genuine. I am / We are, therefore, liable to face appropriate actions as deemed fit by the Indian Bank in the event of any of the information, particulars, copies of certificates and testimonials are not found correct and genuine. I/We have read the instructions appended to the proforma and I/we understand that if any false information is detected at a later date, the empanelment shall be cancelled at the discretion of the Indian Bank.

PLACE –

DATE –

SIGNATURE OF CONTRACTOR

NAME & DESIGNATION –

SEAL OF ORGANISATION -

GENERAL RULES AND INSTRUCTIONS

1. Quotations, which should always be placed in sealed cover, with the name of the work written on the envelope "Supply, Installation, Testing & Commission of Air Cooled Ductable AC in Indian Bank, Zonal Office - Kanpur" will be received by Chief Manager (P&E), Indian Bank, Zonal Office , Premises Department, Kanpur.
2. The bidder is advised to inspect the site and satisfy himself on his own responsibility and his own expenses all the following information and data which may be required for the purpose of preparation and submission of quotation:
 - Location of Indoor and Outdoor Units of the proposed ACs (Indoor Unit is ceiling concealed while the outdoor unit is to be kept on terrace)
 - Maximum utilization of existing duct and connecting the main duct with the other duct.
 - Feasibility for laying the refrigerant pipes and its route
 - Availability of drain water point at the site
 - Availability of power point near the proposed AC locations
 - Storage Space for New ACs
 - Any Other Adverse Condition or hindrance to the installation
 - Condition of Existing ACs in Buyback.
3. Bank reserves the right to modify the terms of the RFQ at any time at its sole discretion and the same will be uploaded on the website <https://indianbank.in/tenders/#!>. The bidders have to remain updated about the same from the website and Bank will not be responsible for such information not being downloaded by the bidder.

This RFQ should not be construed as an agreement to purchase products or services. Indian Bank does not bind itself to accept the lowest bid or any bid and reserves to itself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
4. While Bank has used considerable efforts to ensure an accurate representation of information in this RFQ as per its current understanding of the requirements, the information contained in this RFQ is supplied as a guideline for Bidders. The information is not guaranteed or warranted accurate by Bank, nor is it necessarily comprehensive or exhaustive. Nothing in this RFQ is intended to relieve Bidders from forming their own opinions and conclusions with respect to the matters addressed in this RFQ. In the event, Indian Bank finds that the objectives of the intended system is better achieved by processes/procedures other than those mentioned in this document, Bank shall have the right irrespective of the fact whether it has already received proposals from intending bidders or not, to effect such changes and enter into negotiations with one or more Bidders at its sole discretion for such changed/modified processes.
5. The bidder shall not quote for the products, whose End of Sale/ End of Support/ End of Life has been declared by the OEM. The Bidder has to ensure that any equipment supplied as part of this TENDER should not reach end of support or end of life for at least 10 years post date of acceptance of such equipment by the Bank.
6. The rate quoted by the bidder shall be net (excluding GST), up to the stage of incorporation and handing over site. All taxes including (excluding GST) or any other tax on material or on finished works like Turn-over Tax, including taxes that may be newly introduced subsequent to the bid etc. in respect of this contract shall be payable by the Bidder and the Indian Bank will not entertain any claim whatsoever in this respect.

The rate quoted should be excluding GST.

The bidder who wishes to quote for the bid should have GST registration and should mention the registration number.

7. The bidder shall give a list of his relatives working with the Indian Bank along with their designations and addresses.
8. No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled 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 Indian Bank as aforesaid before submission of the bid.
9. This quotation shall remain open for acceptance for a period of 30 days from the date of opening of bid. If any bidder who withdraws his bid before the said period, then the Indian Bank shall be at liberty to forfeit Earnest Money paid along with the bid.
10. It will be obligatory on the part of the bidder to bid and sign the documents for all the component parts.
11. Transfer of bid documents purchased by one intending Bidder to another is not permitted.
12. ***The retention amount at 3% on the value of the bill paid will be held by the Indian Bank which will be released at the end of Defect Liability Period (12 Months), subject to satisfactory rectification of defects noticed, if any. Retention Amount held in our Bank's Book will not carry any interest.***
However, Retention Money can be discharged earlier also on submission of Performance Bank Guarantee of 3% of Bill Amount by the Vendor issued by Scheduled Commercial Bank other than Indian Bank which should be valid for atleast 12 Months from the date of installation and commissioning of Machine.
13. The acceptance of a bid will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the bids received without the assignment of a reason. Bids in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the bid in full or in part and the bidder shall have no claim for revision of rates or other conditions if his bid is accepted in parts.
14. Canvassing in connection with bids is strictly prohibited and the bids submitted by the bidders who resort to canvassing will be liable to rejection.
15. All rates shall be quoted on the proper form. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
16. On acceptance of the bid the name of the accredited representative(s) of the firm who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
17. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
18. During evaluation of bids, the Bank may, at its discretion ask the bidders for clarification of its bid. The request for clarification shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained.
19. Award of Works
 - Bank will award the Contract to the successful bidder whose bid is the lowest evaluated bid. However, it is not bound to accept the Lowest (L1) bid and reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.
 - The Bank reserves the right at the time of award of Contract to increase or decrease the quantity of goods and / or services from what was originally specified in the Schedule

of Quantities without any change in unit price or any other terms and conditions.

20. The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer.
21. Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
22. Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
23. The Bidder should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the bidder.
24. The successful bidder shall also be responsible for the safety and security of all their materials and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge.

25. The work shall be carried out without disturbing the existing occupants of other offices. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other offices.

26. **The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him in line with central/ state labour wage act whichever higher.**

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made thereunder from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not, and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims.

27. From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent loss or damage to the work to the maximum extent possible and shall be liable for any damage or loss that may arise to the works or any part thereof from any cause whatsoever including causes of fire, lightning, explosion, earthquake, storm, hurricane, floods, inundation, subsidence, landslides, rock slides, riots (excluding civil war, rebellion, revolution and insurrection) or any latent defect or damage and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

For the purpose of this condition this expression "from commencement to completion of works" shall mean the period starting with the date of issue of Work Order or date of handing over of site whichever is later and ending with issue of Virtual Completion Certificate.

28. The Contractor shall take all precautionary measures to ensure the safety of the workmen employed by it. The contractor shall be fully responsible for the any injury or damage caused

to the workmen deployed by him at site for carrying out the work and Bank has nothing to do with such happenings and in no way shall be held responsible for the same.

29. If the work is not started within **7 days** from the date of issue of work order then Employer may terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactory and is not consistent to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a 5 days notice to the contractor. In such case the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages.
30. The time allowed for completing the works is **20 days** to be reckoned from **3rd day** from the date of Work Order.
31. If the Contractor fails to complete any or all the works by the date/s named in **Clause 30** (Date of Completion) or within any extended time (permitted by Bank) then the Contractor shall pay or allow the Employer the sum to be worked out at **0.5%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **10%** of contract value.
32. **Extension of time:** If in the opinion of the Employer, the works be delayed (a) by reason of any exceptionally inclement weather or (b) by reason of instructions from the employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighbouring owners or (c) by the works, or delay of other contractors nominated by the employer and not referred to in the specification or (d) by the reason of authorized extra and additions or (e) by reason or any combination or works men or strikes or lock-out affecting any of the building trade or (f) from other causes which the employer may consider are beyond the control of the contractor, the employer at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore. In the event of the employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably.
In case of such strikes or lockouts as are referred to above, the contractor shall, immediately give the employer, written notice thereof. Nevertheless he shall use his best endeavours to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the employer for any extension of time for completion hereunder (which shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the employer shall then, in the event of an extension being, granted, determine, and declare the final completion date. The provision in clause 41 with respect to payments of liquidated damages shall be construed as if the extended date fixed by the employer was substituted for and the damages shall be deducted accordingly.
40. At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the contractor must inform the concerned Department of the Bank and after getting the approval, the same has to be incorporated by the contractor.
43. The contractor shall not directly or indirectly sublet the work to other party without written permission of the bank.
44. The Bank reserves the right to distribute the work for which quotation has been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the Bank.
45. Bank shall not be responsible for any loss or damage to the contractor/ labour due to any natural calamity during the course of construction. Contractor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities

46. Payment of 70% of the cost of AC Units will made to Contractor on supply of ductable AC Units at execution site and on receipt of tax invoice for high side works. Remaining amount will be paid within 10 days from the date of intimation of successful installation and commissioning of required AC Ductable Units.
47. Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work. They must go through specifications and documents. Any clarification, if required, may be taken from the Bank before submitting the quote.
48. The quantities mentioned in schedule are provisional and likely to increase /decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit/business shall be entertained on this account.
49. The contractor /vendor failed to carry out the works as per schedule/Quality, the same shall be carryout with different agencies and the actual amount will be deducted from the contractor bills.
49. The contractor agency shall keep particular vigil on his workers to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material/labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
50. The Bank reserves the right to accept/reject any quotes without assigning any reasons.

DECLARATION :

I / We hereby declare that I / We read and understood the above terms and conditions and that we shall abide by them if the work is awarded to us.

Signature & Seal of the Bidder

SCOPE OF WORK & TECHNICAL SPECIFICATIONS

1. BRIEF OUTLINE –

It has been proposed to replace the old 11Tr Ceiling Concealed Ductable AC (Double Circuit) installed in our Zonal Office, Kanpur with the new one. Further, it has been decided to provide two new ceiling concealed ductable AC unit of 3 Tr each in Entrance Lobby and Meeting Hall. However, it has been decided to utilize the existing duct already laid in that particular with some minor modifications. Hence, the contractors are advised to visit the site and get acquainted themselves with site conditions before quoting the rates.

The scope of work includes necessary piping works, additional refrigerant charging if required (as recommended by manufacturer), cabling from outdoor unit to indoor unit, sealing gaps in the holes made in the walls to prevent entry of dust and moisture, transportation of all materials to site, loading and unloading charges, scaffolding charges if any, labour charges for installation etc.

The vendor shall give performance test for one hour in the presence of the Bank's Engineer. The drain lines from unit should be taken to the ground level. All wires/cables used should be FRLS PVC insulated.

Defect liability period (DLP): The units supplied shall be guaranteed against all types of defects for a period of one year from the date of commissioning. Any defects in the system/sub- assemblies/ individual components, found within the guarantee period/DLP, shall be rectified/ replaced by the tenderer without any additional cost to the Bank. **The rate should include for servicing of all the AC units including supply grills, diffusers etc. at interval of four months during the defect liability period.**

2. REFRIGERANT PIPING & CONTROL CABLING:

Supply, Installation, Testing, and Commissioning of refrigerant pipes for following units; of sizes approved by manufacturer, insulated with 12mm thick closed cell Nitrile Rubber Tubular Insulation with GC cloth and coated with polyshield / Polybond coating, between indoor to outdoor units, neatly laid in GI powder coated perforated tray with cover, secured with GI clamps and wall brackets. The pipe supports as per technical specifications shall be provided at every 3.0-meter interval and at bends. The length of piping (both suction & liquid) shall be measured as one set.

3. FACTORY MADE RECTANGULAR GI DUCTING:

Supply, installation, testing and commissioning of factory-made lock-forming quality rectangular GI ducting, complying with IS: 277 and having 120 GSM coating classification. The price includes the cost of necessary accessories & supports (like TDF flanges, MS angle flanges, neoprene gaskets, threaded rod, corner saddles, guide vanes as per SMACNA standards, joints, labelling etc.

ERECTION REQUIREMENTS:

1. All ducts shall be fabricated and installed in workman like manner, generally conforming to the relevant ISI codes.
2. Ducts shall be straight and smooth on the inside with neatly finished joints. Joints shall be made airtight.
3. Changes in dimensions and shape of ducts shall be gradual. Curved elbows shall have a center line radius equal to one and a half times the width of the duct. Air turns shall be installed with vanes, arranged to permit the air to make the turn without appreciable turbulence.
4. All ducts shall be rigid and shall be adequately supported and braced where required with

standing seams, tees or angles, of ample size to keep the ducts true to shape and to prevent buckling, vibration and breaking.

5. All branch take-offs and collars shall be provided with turning vanes.
6. All necessary allowances and provisions shall be made by the contractor for beams, or other obstructions in the building. Where necessary to avoid beams or other structural work, plumbing or other pipes and or conduits, the ducts shall be transformed, divided or curved to one side, the required area being maintained, all as per the site requirements.
7. All duct work shall be independently supported from building construction.
8. The ducts shall not be supported from false ceiling hangers or be permitted to rest on false ceiling.
9. All ducts shall be totally free from vibration under all conditions of operation. Whenever duct work is connected to fans, air handling units or blower coil units that may cause vibrations in the ducts, ducts shall be provided with flexible connections, located close to the unit. Sleeve shall be made smooth, and the connecting duct work rigidly held by independent supports on both ends. The flexible connection shall be suitable for pressures at the point of installation.
10. The air distribution system comprises with all supports like anchor fasteners and tie-rods, cradles, angle iron supports, bolts and nuts, 4mm thick self-adhesive neoprene rubber gasket, stiffeners, zinc chromate painted angle iron flanges, chipping and plastering of openings made for duct supports etc., filling the gap with fibre glass wool and with fire sealant complete as per specification.

4. INSULATION:

Acoustic Insulation

The ducts shall be provided with acoustic insulation on supply air duct (inside of the duct) lining using 25 mm nitrile rubber insulation with ultra-fresh antimicrobial protection. The density of the same shall be within 140-180 Kg/m³. The material should have a thermal conductivity not exceeding 0.050 W/mK. The maximum surface temperature the material should withstand is 105°C and minimum temperature should be -20°C. The material should conform to Class 1 rating for surface spread of Flame as per BS 476 Part 7.

Thermal insulation

Factory Mutual Laboratory (FM) approved closed cell nitrile rubber foam, temperature range from - 10°C to +40°C, Class O fire category and as per specification. The Thickness of the material shall be 19mm. The contractor needs to submit the certificate/document in proof of this approval.

Signature and Seal of the Tenderer

Technical Specifications to be filled by the Tenderers

Sr. No.	PARTICULARS	SPECIFICATIONS PROPOSED BY FIRM (FOR 11 TR AC DOUBLE CIRCUIT)	SPECIFICATIONS PROPOSED BY FIRM (FOR 3 TR AC)
1	MAKE		
2	MODEL		
3	Cooling Capacity of the Unit in Tr / Btu per Hr		
4	Refrigerant Type		
5	Power Supply		
6	Type of compressor		
7	No. of Outdoor Units		
8	No. of Compressors in each Outdoor unit		
9	Power consumption of the Outdoor unit in Watts		
10	Power consumption of the Indoor unit in Watts		
11	Total consumption		
12	Warranty on Compressor		
13	Warranty on the whole Unit		
14	Nominal Air flow		
15	Indoor Unit Weight		
16	Outdoor Unit Weight		
17	Any other feature which tenderer intends to specify		

The technical details called for to be furnished by the firms without fail. If the firm does not furnishing the above data, their bid may be is rejected. Replies like 'as per manufacturers standard', 'shall be furnished later", 'as per propriety design" etc. shall not be considered as it will not help in evaluation of the bid and bid will be considered incomplete.

Signature and Seal of the tenderer

LIST OF PREFERRED MANUFACTURERS TO BE USED IN AIR CONDITIONING WORKS SUBJECT TO THE APPROVAL OF SAMPLES BY BANK

Ductable Units	BLUE STAR / HITACHI / DAIKIN / MITSUBISHI / CARRIER
Duct – Factory Fabricated	Rolastar / Celsair / Venus
Insulation – Pipes & Ducts	Aeroflex / Superlon / K-Flex
Copper pipes	Totalline / Rajco / Mandev / Uniflow
PVC pipes	Finolex / Astral / Ashirvad / Supreme
FRLS Copper cable	Finolex / Polycab / Anchor / Havells

NOTE : The Contractor shall use only above mentioned material or equivalent make to be approved by Bank. All other materials shall confirm to the specifications laid down. The bidder shall take this into account while quoting rates and prices

Date:

**Signature of Contractor
(With Seal)**

PRICE BID
(On Letter Head of Contractor)

To,

The Zonal Manager
Zonal Office,
15/287, Civil Lines,
Bada Chauraha,
Kanpur – 208001

Dear Sir,

We have gone through the details of terms / conditions and nature of services to be provided. We have visited the site and got all necessary details. Accordingly, our rates for supply, installation and commissioning of Ductable ACs along with other ancillary works are as follows:

S.NO	PARTICULARS	UNIT	QUANTITY	Rate Per Unit in Rs.	Amount in Rs.
				(Excluding GST)	(Excluding GST)
A	HIGH SIDE WORK				
1	Supply of following capacity ceiling suspended air cooled split type Ductable air-conditioners with hermetically sealed multi-scroll compressors compatible with eco-friendly refrigerant (R410A / R407C / R32) operating at AC 3 phase, 415V, 50HZ etc. complete. The unit should be complete with all required components such as air cooled condenser with blower fan, copper refrigerant coil, anti-corrosion condenser fins, conformal coated PCBs, remote control, etc. The fan for outdoor unit shall be selected for low noise and the motor etc. shall be housed in a powder coated casing with anti- vibration mounts etc. Indoor unit shall be acoustically treated and shall be controlled with remote based wired/wireless microprocessor intelligent system with single phase prevention, reverse phase protection etc. Outdoor units will be placed at the roof-top on suitable size angle iron stand duly painted as directed. (Approved Make – Blue Star / Daikin / Carrier / Hitachi / Mitsubishi)				
1.1	11.0 Tr (Double Circuit)	1			
1.2	3 Tr	2			
B	LOW SIDE WORKS				
1	Installation, testing and commissioning of ductable split ACs mentioned at item no.1 with initial charge of refrigerant, hardware, labour, tools etc. This job includes initial charge of required Refrigerant gas for Ductable Unit and fixing IDU in the concealed ceiling and loading ODU on the terrace. (1 No 11 TR Double Circuit ; 2 Nos 3 Tr)	Nos	3		



2	Supply and Installation of hard drawn Copper Refrigerant with 12mm thick nitrile tubular installation covered by Gc cloth, fittings, elbows, bends including supporting arrangement for interconnecting outdoor and indoor units and shall be laid in GI powder coated perforated tray as directed. Size of the pipes shall be as per manufacturer standards.	Meter	35		
3	Supply and Installation of heavy duty PVC pipe for drain piping of size 40/50 mm dia. with 9 mm thick aluminium foil faced- nitrile rubber insulation complete with supports, sleeves, hangers etc.	Meter	30		
4	Supply and Installation of 4 Core 2.5 sq mm FRLS Copper control cables for supply and control from outdoor unit to indoor unit and from panel.	Meter	35		
5	Supply & hand fabrication Ducts made out of G.I. sheets (24 Gauge) of Complete job as per detailed drawings including suspension from RCC ceiling with MS hangers, MS angle fasteners With 6 mm thick nitrile rubber insulation	Sq.Meter	10		
6	Supply & Pasting Of 9MM Thick Nitrile/XLPE Rubber Insulation (Thermal Insulation)	Sq.Meter	10		
7	Supply & Installation of Aluminium Powder coated 6"/8" Supply/Return air Grill/Diffuser	Sq.Meter	5		
8	Supply and Installation of fire retardant Canvas Connector for Ductable Unit	Nos	2		
9	Dismantling and Reinstallation after spray painting of Grill and Diffuser	LS	1		
10	Supplying and Fixing MS Stand for Outdoor Unit and required MS Support for Indoor Unit (For 3 Tr Acs)	Nos	3		
C	BUY-BACK OF OLD AC				
1	Dismantling and taking away existing 11 TR Ductable unit (Double Circuit) under Buy-back (LG Make)	Set	1		

SUMMARY –

S.NO.	PARTICULARS	BASIC AMOUNT (X)	GST (Y)		TOTAL AMOUNT (Z = X+Y)
			Rate	Amount	
A	HIGH SIDE WORKS		28%		
B	LOW SIDE WORKS		18%		
C	BUY BACK OF OLD AC		28%		
D	GROSS AMOUNT (D = A+B-C)				
	IN WORDS : RUPEES				

NOTE:

1. Works shall be carried out by using approved brand of the material only and specifications and quality. No deviation is permitted without the approval of the bank.
2. Rates/ Amount of items shall include cost of the material, loading, unloading, charges for tools /machineries, labour, taxes etc.
3. Rates/amount quoted shall valid for all floors of the building. No extra charges shall be paid for lifting of material for any height.
4. No extra payment shall be made for carrying out the works in holiday/Sunday/ Saturday/ night etc.
5. The contractor makes their own arrangement for safety /security of the material staked at the site. The Bank will not responsible for any theft/mishandling of the material.
6. The Contractor shall obtain necessary labour license, insurance, and permission/ approval from local authorities/ society if required to carry out the works.

Date: _____

(Signature of the Contractor with Seal)