



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 15

Web: www.nitt.edu

Phone: 0431-2503830

e-Procurement Notice

Ref: NITT/EMD/EE/AE(R&AC)/Tender Notice/Enq.No: 19/19-20

Dated: 05.12.2019

Online tenders are hereby invited in **two cover system** from Indian Nationals for **Purchase of new cassette & split type Air-Conditioners for OLD Library building-ISRO (S-TIC) Space Technology Incubation centre.** Bidders can download complete set of bidding documents from e-procurement Platform <http://eprocure.gov.in/eprocure/app> from **05.12.2019** onwards. Bidders need to submit the bids online for the interested items by uploading all the required documents through <http://eprocure.gov.in/eprocure/app>.

Last Date/ Time for receipt of bids through e-procurement is: 26.12.2019 (15.00 Hrs) (Server time).

Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website:

<https://eprocure.gov.in/eprocure/app> and www.nitt.edu

CRITICAL DATE SHEET

Sl.No	Description	DATE
1	Published Date	05/12/2019 (18:30 Hrs)
2	Bid Document Download Start Date	05/12/2019 (18:30 Hrs)
3	Clarification Start Date	05/12/2019 (18:30 Hrs)
4	Clarification End Date	26/12/2019 (11:30 Hrs)
5	Bid Submission Start Date	05/12/2019 (18:30 Hrs)
6	Bid Submission End Date	26/12/2019 (15:00 Hrs)
7	Bid Opening Date(Technical)	27/12/2019 (15:30 Hrs)
8	Bid Opening Date(Price)	Will be announced after technical evaluation

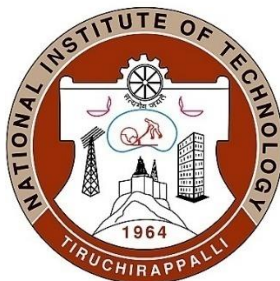
Note:*Bidder should submit the EMD as specified in the tender. The hard copy should be posted / couriered / deposit in person to the Central Dispatch section / Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 15

Estate Maintenance Department

Web: www.nitt.edu

Phone: 0431-250 3830



Tender Document (e - Procurement)

Name of Work/ Service	:	Purchase of new cassette & split type Air-Conditioner for OLD Library buldiding-ISRO (S-TIC) Space Technology Incubation centre
Tender Notification No	:	NITT/EMD/EE/AE(R&AC)/Tender Notice/Enq.No: 19/19-20
Date	:	05/12/2019
Name of the Department	:	Estate Maintenance Department/Electrical
EMD Amount	:	Rs. 20000
Last Date & Time of submission of Tender	:	26/12/2019 (15:00 Hrs)
Address for submission of Tender	:	THE DIRECTOR, NIT TIRUCHIRAPPALLI-15 KIND ATTENTION TO: The Executive Engineer , EMD Department
Date & Time of opening of technical bid	:	26/12/2019 (15:30 Hrs)

Bidding Procedures

Section I: Instructions for Online Bid Submission

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

1. Possession of valid Digital Signature Certificate (DSC) and enrollment / registration of the contractors / bidders on the e-Procurement/e-tender portal are prerequisite for e-tendering.
2. Bidder should register for the enrollment in the e-Procurement site using the “Online Bidder Enrollment” option available on the home page. Portal enrollment is generally free of charge. During enrollment / registration, the bidders should provide only valid and true information including valid E-mail id. All the correspondence shall be made directly with the contractors/bidders through E-mail id as registered.
3. Bidder need to login to the site through their user ID / password chosen during enrollment / registration.
4. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY / TCS / nCode / eMudra or any other Certifying Authority recognized by Controller of Certifying Authorities (CCA) India on eToken / Smartcard, should be registered.
5. The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
6. Contractor / Bidder may go through the tenders published on the site and download the tender documents/schedules for the tenders.
7. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
8. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
9. Bidder may log in to the site through the secured login by the user id / password chosen during enrolment / registration and then by submitting the password of the e-Token / Smartcard to access DSC.
10. Bidder may select the tender in which he / she is interested in by using the search option and then move it to the ‘my tenders’ folder.
11. From my tender folder, he / she may select the tender to view all the details uploaded there.
12. It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked ; otherwise, the incomplete bid shall stand rejected.
13. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and ordinarily it shall be in PDF /xls / rar / jpg / dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip / rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast.
14. The Bidders can update well in advance, the documents such as certificates, annual report details etc., under “My Space option” and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
15. Bidder should submit the Tender Fee / EMD as specified in the tender. The hard copy should be posted / couriered / given in person to the Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
16. The bidder has to select the payment option as offline to pay the Tender FEE / EMD as applicable and enter details of the instruments.
17. The details of the DD / any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection.

18. While submitting the bids online, the bidder shall read the terms and conditions and may accept the same to proceed further to submit the bid packets.
19. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
20. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.

PRICE BID

21. If the price bid format is provided in a spread sheet file like BoQ_XXXXX.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid / BOQ template shall not be modified / replaced by the bidder; else the bid submitted is liable to be rejected for the tender.
22. The bidders are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the bidders.
23. The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e-Tender system. The bidders should follow such time during bid submission.

EVIDENCE FOR ONLINE BID SUBMISSION

24. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
25. All the data being entered by the bidders would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
26. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers’ public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
27. The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128 bit encryption technology. Data storage encryption of sensitive fields is done.
28. The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
29. For any queries regarding e-Tendering process, the bidders may contact at address as provided in the tender document. Parallely for any further queries, the bidders are advised to contact over phone: **1-800-233-7315, 0120-4001005** or send an E-mail to cppp-nic@nic.in.



**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - 620 015,
TAMIL NADU**

राष्ट्रीय प्रौद्योगिकी संस्थान- तिरुचिरापल्ली - 620 015. तमिलनाडु.

Web site: www.nitt.edu Phone: 0431 – 2503940

Estate Maintenance Department - Electrical Maintenance Centre - R&AC

TENDER DOCUMENT

BID SYNOPSIS	
Tender Reference Number and Date	NITT/ EMD/EE/AE (R&AC)/ENQ.NO.19/2019-20 date 05.12.2019
Brief Description of the item to be purchased	Purchase of new cassette & split type Air-Conditioner for OLD Library building-ISRO (S-TIC) Space Technology Incubation centre.
Type of Tender	Three Bid System
Cost of Tender Document (Non- refundable)	NA
Our web site address for downloading the Tender document	The tender document can be downloaded from the website www.nitt.edu
Earnest Money Deposit (Refundable)	Rupees in figures Rs.20,000/- (Rupees in words Twenty thousand only) payable through Demand Draft drawn in favor of The Director, Tiruchirappalli, Tamilnadu Payable at Tiruchirappalli
Last Date and Time of submission of Tender	26.12.2019 03.00 PM
Mode of submission of Tender	Through E-Tender (CPPP) https://eprocure.gov.in/eprocure/app
Due Date & time of Tender Opening	27.12.2019 3.30 PM
Date and time of opening of Price bids	After evaluation of technical bids, the date, time and place of opening of the Price bid will be intimated to technically qualified bidders.
Completion Time	45 Days (From the date of commencement of the work which will be reckoned from the date of handing over of site to the Contractor)
Address for submission of Tender	The Director, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu, India Kind attention: The Executive Engineer , EMD Department
Only technical enquiry	Er. K.Muruganandam, The Assistant Engineer/R&AC, National Institute of Technology, Tiruchirappalli - 620 015. Email: muru@nitt.edu .

Notice inviting Tender

National Institute of Technology, Tiruchirappalli, Tamil Nadu (**hereinafter referred to as NITT**), an Educational Institute of National Importance, functioning under the control of MHRD, GOI, invites sealed tenders from reputed Original Equipment Manufacturers or their authorized agents/ dealers/ distributors/channel partners for supply of the following goods/ materials as per the detailed technical specification given below:

CHAPTER 1: Detailed Technical Specifications for supply of Cassette and Split type Air Conditioners

S.No.	Description	Qty
1.01	<p>Supply, Installation, Testing & Commissioning (SITC) of factory made air-conditioners (approved make only) having energy efficient compressors, condenser and evaporator coil, aesthetically finished indoor units, automatic temperature control, safety controls, including supply & filling of required quantity of any Echo friendly refrigerant to maintain prescribed temperature levels as recommended by the manufacturer, cordless remote etc., complete having capacity 3.0 TR- 9000 Kcal/hr, 3-phase, 415 V, Non inverter - cassette type ceiling mounted Air Conditioners . Also, the air-conditioners along with all accessories and workmanship including installation work shall conform to all mechanical and electrical safety standards as per relevant IS specifications. The equipment shall be properly earthed (connected to the earthing system of the electrical cabling of the premises) by using earthing conductors as per relevant IS code. Quoted rate is inclusive of cost of all thermal insulation for all copper pipes.</p> <p>(Approved makes : Voltas, Blue Star, Vestar, Carrier, Hitachi, DAIKIN, Samsung, LG and Toshiba)</p>	4 Nos.
1.02	<p>SITC of hard drawn copper pipes with thick insulation for suction and discharge line for cassette AC should be proper clamping and mounting.</p> <p>Size: 3/8 “ & 3/4” – (Size may be vary according to the manufacturer)</p>	60 Meters
1.03	<p>SITC of power and control cables for interconnecting indoor and outdoor units 4 Sq.mm cable (Size may be vary according to the manufacturer)</p>	60 Meters
1.04	<p>SITC of PVC drain pipe 1” Pipe with proper accessories</p>	60 Meters

2.01	<p>Supply, Installation, Testing, Commissioning (SITC) and service support (warranty) of 1.5 TR split wall mounted cordless remote Air conditioners of 3 star – BEE-2018 (Non inverter type) rating with single evaporator and single compressor. Nominal cooling capacity 4500 kcal/Hr. Both coils (condenser & evaporator) should be in copper material. Suitable for operation on single phase 230 volts- 50 Hz Ac supply, including Supply and installation of the above units with refrigerant copper tubing of 4 mtrs. along with connecting cable of 4 mtrs. (in between evaporator and condensing unit) and installation of 20 mm HDPE PVC drain pipe of 3 mtrs. Length. Supply of necessary refrigerant, polyphane pipe section insulation etc. and also Supply, and installation of MS - powder coated stand for mounting outdoor condensing units. Necessary opening on the wall may be done for drawing copper tubing and cabling finishing with cement plaster etc. Proper warranty certificate to be produced after installation.</p> <p>Make: Voltas/Blue Star/Carrier/Hitachi/Vestar/Samsung, LG and Toshiba Colour : white Cooling capacity: 4500 kcal/hr Star rating: 3 Star *** (BEE- 2018) Air circulation: 900 M3/Hr Refrigerant: Any Eco Friendly Gas Operating voltage: 230 V –AC /50hz Compressor: Rotary/scroll General warranty: One year Warranty for Compressor :5 Years Condenser and cooling coil: copper Auto Air swing: 4way Digital display for temperature :</p>	10 Nos.
2.02	<p>Supply and installation of 4 KVA stabilizers for 1.5 TR split AC unit of a standard make with suitable wall mount option. Make: V-Guard – VG 400 Model or Equivalent, operating voltage: 170V-270V, Current rating: 12A, Time delay: ITDS 3 Min ± 20 sec, Warranty certificate to be produced after installation. Warranty : 5 years</p>	10 Nos.
2.03	<p style="text-align: center;"><u>For additional copper tubes</u></p> <p>Supply and laying of additional copper tubing, size 1/2” + 1/4” diameter for suction and liquid line with polythene pipe section insulation, proper drainage, 3 core 2.5 Sq.mm copper flexible cable, GI spacers, screws, rowel plugs as per site requirements if necessary. (rate per meter)</p>	50 Meters

CHAPTER 2: TENDERING PROCESS

1. The tender document and terms and conditions can be downloaded from our website www.nitt.edu as well as in CPPP.
2. Through Demand Draft, the bidder is required to furnish Earnest Money Deposit (EMD) Rs. 20,000/- (Rupees in figure Twenty thousand only).
3. Bidder should submit the Tender Fee / EMD as specified in the tender. The hard copy should be posted /couriered/given in person to the Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
4. To be duly typed, signed and stamped and uploaded as pdf in the e-tender. [the overall total of the pricebid to be incorporated in the provided pricebid excel file boq_XXXX.xls and uploaded]
5. At the time opening of Tender, the names of those who have submitted their offers along with the details of their remittance of EMD and Cost of Tender Document will only be read out and no other information/ details whatsoever will be shared at this stage.
6. If unscheduled holiday occurs on the prescribed closing/ opening date, the next working day shall be the prescribed date of closing/ opening.
7. At the second stage technical bids of those tender who have passed the EMD and Tender cost at prescribed in the tender conditions or who have submitted proper documents in proof of their eligibility for exemption from payment of EMD and Tender cost will be opioid and considered to evaluate the acceptability of them bid from technical point of view.
8. At the third stage, price bid of the technically acceptable offers will be opened for further evaluation and ranking for award of contract/ purchase order.
9. The bidders are advised to go through the tender documents and understand the terms and conditions specified therein before submitting the tender.
10. **The Tender document consisting of Technical Bid (along with all annexures to the technical bid) and Price Bid should be submitted in the Prescribed Format only.**
11. The bidders are not allowed to make addition or alteration in the tender document.
12. Each and every page of the submitted bid shall carry the page numbers.
13. All pages of the tender document shall be signed by the person or persons duly authorized to sign, on behalf of the bidder.
14. No paper / page shall be detached from the tender document. No addition or alternation should be made in the tender document. Conditional tender, late and delayed tender will not be accepted/ considered.
15. At Printed condition at the back of the letter or bid from the tenderer will be ignored. If it is desired to apply any particular condition to tender, that must be clearly brought out in the body of the bid/ tender itself.
16. The NITT shall not be responsible for any postal delay in receipt of the offer. Tender should be properly sealed.
17. The NITT will not be responsible for pre mature opening of the tenders.
18. The offers submitted by telex/ telegram/ fax/ E-mail etc. will not be accepted and they will be summarily rejected.
19. Bidder must note that any conditional offer or any deviation from the terms and conditions of this tender may render the bids liable for rejection.
20. **Earnest Money Deposit (EMD):** The Tenders/ Bids must be accompanied by Earnest Money Deposit. Tenders without EMD will not be entertained. **The bidders who are registered with National Small Industries Corporation (NSIC) and MSME are exempted from EMD and tender Cost. However, for claiming this exemption, the bidders must scan and upload with self-attested copy of the exemption certificate indicating Date of registration, date till registration is valid, whether registered for items for which tender has been submitted in the e-procure submission procedure.**
21. The EMD shall be in the form of Demand Draft Drawn, in favour of the Director, National Institute of Technology, Tiruchirappalli payable at Tiruchirappalli. The EMD of all the unsuccessful bidders will be returned to them at the earliest after issue of purchase order. The EMD of successful bidder shall be returned on receipt of Performance Bank Guarantee. No interest will be payable by the NITT on the EMD amount.

CHAPTER 3: TERMS AND CONDITIONS FOR PURCHASE

Eligibility: The Bidder must be an Original Equipment Manufacturer (OEM) or his Authorized Dealer/ Authorized Distributor/ Authorized Stockiest/ Channel Partner having a Direct Purchase and Support agreement with the OEM. In case, if the Bidder is a Dealer/ Distributor, A valid **LETTER OF AUTHORIZATION** from the Original Equipment Manufacturer for Dealership, Distributorship or for channel partnership must be attached in original, with technical bid, without which the offer will not be considered.

Technical Specifications are basic essence of the product. It must be ensured that the offers are strictly as per our specifications. At the same time it must also be kept in mind that merely copying our specifications in their quotation shall not make the bidder eligible for consideration. The specifications mentioned in the quotation has to be supported with the printed catalogue/ leaflet / standard technical literature/ brochure for each of the item offered. Model quoted / tendered specifications should invariably be highlighted in the leaflet/literature for our easy reference.

Rates: Rates for Indigenous items must be on **DOOR DELIVERY** Basis, which should be **inclusive** of all taxes, duties and levies. The break up may be given as given below: Basic Price (+) GST, (+) Freight and P&F, (+) Installation and Commissioning Charge etc (+) Any other charges, if any with Grand Total on Door Delivery Basis at NIT, Tiruchirappalli (i.e., F.O.R Destination basis)

- The price quoted shall be firm and fixed. The rate should be quoted both in figures and words.
- Where the equipment is composed of several items/ sub units / components, the rate should be clearly indicated for each of the item/ sub unit/ component.
- Prices of each of the additional, optional accessories, should be indicated **SEPARATELY**. The spare parts/, consumables, if any required for trouble free operation of equipment shall be quoted separately giving full nomenclature, rate, quantity and shelf life of each item.
- All applicable taxes, duties etc., should be clearly and separately mentioned in the Price bid.
- Charges for additional warranty beyond the free warranty period, should be quoted separately.
- **The quantity may increase according to our institute requirement by mode of repeated order.**

NITT Validity of the Offer: For Indigenous Purchase the offer should be valid for 90 days and for Foreign Purchase it should be valid for 120 days.

Genuine Pricing: The bidder has to ensure that the quoted price for NITT is not more than the Price Offered to any other customer in India to whom this particular item has been sold, particularly to Indian Institutes of Technology, National Institutes of Technology, State/ Central or Deemed Universities, Defense Organizations, Research Establishments or any other Government Institutions. For this purpose the vendor has to furnish a **price reasonability certificate** in the Format prescribed in **Annexure 2** to the Technical Bid. Name and contact details of the premier educational institutes/ government organizations where the quoted item/ equipment has been supplied/ installed during the last three years should be attached with the Proforma for Technical Bid.

Tax: NITT is not authorized to issue C or D Form for availing concessional rate of central Sales Tax. In respect of items purchased for research and development purposes, VAT or Central Sales Tax may be charged at concessional rates as applicable to educational and research institutions run without profit motive, for which necessary End User Certificate, will be issued by the institute. Further, the supplier may furnish the following certificate on the bill: “Certified that the goods on which Sales Tax has been charged has not been exempted under the Central Sales Tax (CST) act, or the Tamilnadu value added Tax Act or the rules made thereunder and the amount charged on account of sales tax on these goods is not more than what is payable under the provisions of relevant act/ rules made thereunder.”

PAYMENT TERMS FOR INDIGENOUS PURCHASES:

- No advance payment will be made. No part payment will be made.
- For indigenous purchases, subject to the submission of Performance Bank Guarantee, full and final Payment will be made maximum within 30 days from the (a) date of delivery of the goods/ materials and acceptance of the same by the NITT
- If the vendor fails to furnish the Performance Bank Guarantee, an amount equal to 5% of the Purchase Order value will be withheld and the balance amount will be released.
- NITT shall not be responsible for any loss, damages and shortage during transit. Payment shall be made for materials received in good condition only.
- Payment will be generally through Electronics Transfer of Funds (EFT) system for which the successful bidder has to furnish the following information: Name of the bank with branch where the accounts exist, Bank Account Number, IFSC Code etc.,

Warranty/ Guarantee:

- ❖ Nature and maximum period of free warranty offered by the vendor should be clearly indicated.
- ❖ The equipment must be warranted against all manufacturing defects for minimum one year for equipment and five years for compressor or as per standard warranty/ guarantee of the bidder, whichever is more from the date of satisfactory Supply.
- ❖ If any additional warranty pl. specify the price bid.
- ❖ In case the whole equipment or part thereof is found defective the same will have to rectified / replaced free of charge without lapse of time.
- ❖ The equipment shall be unused, brand new, calibrated and supplied along with the calibration certificate.

PERFORMANCE BANK GUARANTEE (PBG):

- ✓ As Performance Security, the successful bidder shall furnish an unconditional Performance Bank Guarantee (PBG) from a Nationalized Bank or scheduled commercial bank for an amount equal to 5% of the Purchase order value within 21 days from the date of Purchase Order and it should be kept valid for a period of 60 days beyond the completion of the Warranty Period. The PBG, shall be furnished in the Format specified by NITT.

Delivery Schedule: Unless otherwise specified, delivery of goods at NITT will have to be made within 45 days from the date of receipt of the Purchase Order or as stipulated in the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the vendor. Part supply/ delivery is normally not acceptable, but may be allowed in genuine cases, on written request only. The acceptance of the equipment shall be based on (a) successful demonstration of the system (ii) satisfactory working of the equipment after successful commissioning as tested by concerned faculty of NIT, Trichy.

Liquidated Damages for delayed supply: If the successful bidder fails to perform the supply or execute the installation and commissioning of the goods within the stipulated time then penalty at the rate of 0.5% per week subject to a maximum of 5% of the order value will be levied and deducted from the payment due to the firm.

Purchasers' Right: Notwithstanding anything specified in this tender document, The Director, NITT, in her sole discretion, unconditionally and without assigning any reasons, reserve the rights (a) To accept or reject the lowest tender or any other tender or all the tenders, at any time prior to the award of the tender, without assigning any read on therefor (b) To accept any tender in full or in part (c) To reject the tender offer not conforming to the tender terms (d) To give purchase preference to Public Sector Undertaking wherever applicable as per Govt. Policy/ Guidelines.

No enquiry shall be made by the bidder(s) during the course of evaluation of the tender fill a final decision is conveyed to the successful bidder. However, the Purchase Committee or its authorized representative can make any enquiry/seek clarification from the bidders. In such a situation, the bidder shall extend full co-operation. Any effort by the bidder to influence the scrutiny / evaluation committee of NITT or any of its members in the processing of tenders or award of contract may result in the rejection of the tender.

Black listing: The bidder should not have been blacklisted or debarred from participating in the tenders of any State/ Central Government agencies or autonomous bodies or Universities / Educational Institutions.

Supply of operating manual: It is specifically instructed that the bidders will supply all the operating and service manuals and circuit diagrams along with the equipment.

Payment : Payments will be made in 45 days after satisfactory completion of supply and installation, if all the documents are in order .

Arbitration: Dispute, if any, arising out of the supply of the Items shall be settled by Arbitration by SOLE Arbitrator to be nominated by the Director, NITT as per the provisions of Indian Arbitration Act 1996. The Place of Arbitration shall be Tiruchirappalli, Tamil Nadu. The decision of the Arbitrator shall be final and binding on both the parties.

Applicable law, Dispute and Jurisdiction: Legal disputes if any, in connection with this tender/ procurement/ Contract, are subjectto exclusive jurisdiction of Competent Court in Tiruchirappalli, (Tamil Nadu, India) ONLY.

Force Majeure: Any delay due to Force Majeure will not be attributable to the Vendor.

17. After sales service: In case of imported items, foreign manufacturing firms should indicate facilities available for after sales service, detailed address and contact number of their local representative in India without which their offers are liable to be rejected.

CHAPTER 4: PROFORMA FOR TECHNICAL BID

Sl. No.	Item/ Requirement from the Bidder	Bidders Response should be definite, complete and legible. Use separate sheet wherever necessary.
1	Particulars of remittance of EMD: Specify (a) DD Number (b) Amount (c) Name of Issuing Banker Note: Bids without EMD will be rejected summarily	
2	Name and Complete Postal address of the Applicant or Bidder Firm/ Company with phone/ Fax/ Mobile number	
3	Legal status / Constitution of the Bidder : (a) Sole Proprietor (b) Partnership (c) Private Limited Company (d) Public Limited Company (e) others Please attach self-attested documentary proof	
5	Nature of the Business of the Bidder	
6	Year of Commencement of Business	
7	Location of the Registered / Main Office	
8	(a) Name, (b) address ,(c) designation, (d) phone & cell number and (e) E mail ID of the CONTACT PERSON of the applicant/ bidder	
9	Name and address of your banker	
10	Copy of Income Tax Permanent Account Number (PAN Number) (Please Attach self-attested copy)	
11	Annual Turnover during the Last three financial years 2015-16, 2016-17 & 2017-18 (Profit and Loss Account and Balance sheet duly audited and certified by a Chartered Accountant and Income Tax Return Acknowledgement i.e., ITR for the last three years may be attached)	

12	Details of Manpower available with the bidder	Use separate sheet to furnish the list
13	Name of the brand for Cassette type AC units: (Appropriate pamphlet to be attached/upload)	1) Name of the Brand: & Model No:
	Name of the brand for Split type AC units: (Appropriate pamphlet to be attached/upload)	2)Name of the Brand: & Model No:
14	GST Registration Number, (Self-attested copy to be attached)	
15	Details of similar work, if any, executed or being executed along with address of the service receiver with contact number, value of the work. Enclose a copy of the work order along with performance certification.	Use separate sheet to furnish complete details in Appendix-B format.

DECLARATION BY THE BIDDER

1. It is hereby declared that I/ we the undersigned, have carefully read and understood the terms and conditions of the tender document and it is certified that all the terms and conditions of the tender are acceptable to me/ us and I/ we will abide by the conditions.
2. The information / documents furnished along with our technical bid are true and authentic to the best of my/ our knowledge and belief. I/ we hereby declare that our proposal is made in good faith, without collusion and fraud. No forged / tampered documents are produced with the tender form for gaining unlawful advantage. We understand that NIT, Trichy is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.
3. I/We / am/ are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of our tender at any stage besides liabilities towards prosecution under appropriate law.
4. We understand that NIT, Trichy is not bound to accept the lowest or any bid that NIT may receive.
5. Neither I/ We, nor anybody on my/ our behalf will indulge in any corrupt activities/ practices in my / our dealing with the NIT, Trichy.
6. Each page of the tender document and papers submitted by me/ us is authenticated, sealed and signed and I/ We take full responsibility for the entire documents. I/ We certify that the tender has been submitted in Official Tender Format only and no addition / modification / alteration has been made in the original tender document.

Authorized signatory of Bidder with Seal

Name.....

Designation.....

ITEM RATE BOQ

TO BE DULY TYPED, SIGNED AND STAMPED AND UPLOADED AS PDF IN THE E-TENDER. [THE OVERALL TOTAL OF THE PRICEBID TO BE INCORPORATED IN THE PROVIDED PRICEBID EXCEL FILE BoQ_xxxxx.xls AND UPLOADED

Tender Inviting Authority: The Director, NIT Tiruchirappalli

Name of Work: Purchase of new cassette & split type Air-Conditioner for OLD Library building-ISRO (S-TIC) Space Technology Incubation centre.

Contract No: NITT/EMD/EE/AE(R&AC)/Tender Notice/Enq.No: 19/19-20 Dated: 05.12.2019

Bidder Name :	
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only) Quoted Rate is exclusive of GST

Sl. No.	Item Description	Quantity	Units	BASIC RATE PER UNIT In Figures To be entered by the Bidder	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	Supply, Installation, Testing & Commissioning (SITC) and service support (warranty) of 3 TR casseette type air-conditioners					
1.1	Supply, Installation, Testing & Commissioning (SITC) of factory made air-conditioners (approved make only) having energy efficient compressors, condenser and evaporator coil, aesthetically finished indoor units, automatic temperature control, safety controls, including supply & filling of required quantity of any Echo friendly refrigerant to maintain prescribed temperature levels as recommended by the manufacturer, cordless remote etc., complete having capacity 3.0 TR- 9000 Kcal/hr, 3-phase, 415 V, Non invertor - cassette tyepeceiling mounted Air Conditioners . Also, the air-conditioners along with all accessories and workmanship including installation work shall conform to all mechanical and electrical safety standards as per relevant IS specifications. The equipment shall be properly earthed (connected to the earthing system of the electrical cabling of the premises) by using earthing conductors as per relevant IS code. Quoted rate is inclusive of cost of all thermal insulation for all copper pipes. (Approved makes : Voltas, Blue Star, Vestar, Carrier, Hitachi, DAIKIN, Samsung, LG and Toshiba)	4.00	No's			

Sl. No.	Item Description	Quantity	Units	BASIC RATE PER UNIT In Figures To be entered by the Bidder	TOTAL AMOUNT	TOTAL AMOUNT In Words
1.2	SITC of hard drawn copper pipes with thick insulation for suction and discharge line for cassette AC should be proper clamping and mounting. Size: 3/8 " & 3/4" – (Size may be vary according to the manufacturer)	60.00	Meter			
1.3	SITC of power and control cables for interconnecting indoor and outdoor units 4 Sq.mm cable (Size may be vary according to the manufacturer)	60.00	Meter			
1.4	SITC of PVC drain pipe 1" Pipe with proper accessories	60.00	Meter			
2	Supply, Installation, Testing, Commissioning (SITC) and service support (warranty) of 1.5 TR split air-conditioners					
2.1	Supply, Installation, Testing, Commissioning (SITC) and service support (warranty) of 1.5 TR split wall mounted cordless remote Air conditioners of 3 star – BEE-2018 (Non inverter type) rating with single evaporator and single compressor. Nominal cooling capacity 4500 kcal/Hr. Both coils (condenser & evaporator) should be in copper material. Suitable for operation on single phase 230 volts- 50 Hz Ac supply, including Supply and installation of the above units with refrigerant copper tubing of 4 mtrs. along with connecting cable of 4 mtrs. (in between evaporator and condensing unit) and installation of 20 mm HDPE PVC drain pipe of 3 mtrs. Length. Supply of necessary refrigerant, polyphone pipe section insulation etc. and also Supply, and installation of MS - powder coated stand for mounting outdoor condensing units. Necessary opening on the wall may be done for drawing copper tubing and cabling finishing with cement plaster etc. Proper warranty certificate to be produced after installation. Make: Voltas/Blue Star/Carrier/Hitachi/Veststar/Samsung/LG and Toshiba Colour : white, Cooling capacity: 4500 kcal/hr Star rating: 3 Star *** (BEE- 2018), Air circulation: 900 M3/Hr, Refrigerant: Any Eco Friendly Gas Operating voltage: 230 V –AC /50hz, Compressor: Rotary/scroll, General warranty: One year, Warranty for Compressor :5 Years, Condenser and cooling coil: copper, Auto Air swing: 4way Digital display for temperature :	10.00	No's			

Sl. No.	Item Description	Quantity	Units	BASIC RATE PER UNIT In Figures To be entered by the Bidder	TOTAL AMOUNT	TOTAL AMOUNT In Words
2.2	Supply and installation of 4 KVA stabilizers for 1.5 TR split AC unit of a standard make with suitable wall mount option. Make: V-Guard – VG 400 Model or Equivalent, operating voltage: 170V-270V, Current rating: 12A, Time delay: ITDS 3 Min ± 20 sec, Warranty certificate to be produced after installation. Warranty : 5 years	10.00	No's			
2.3	<u>For additional copper tubes</u> Supply and laying of additional copper tubing, size 1/2" + 1/4" diameter for suction and liquid line with polythene pipe section insulation, proper drainage, 3 core 2.5 Sq.mm copper flexible cable, GI spacers, screws, rowel plugs as per site requirements if necessary. (rate per meter)	50.00	Meter			
TOTAL AMOUNT (RS.)						

Note: GST extra as Applicable from the above quoted rate.

Amount in words (Rupees.....)Only