



भारतीय प्रौद्योगिकी संस्थान मद्रास चेन्नै 600 036
INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036
भंडार एवं क्रय अनुभाग
STORES & PURCHASE SECTION
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IIT Madras GSTIN : 33AAAAI3615G1Z6



G. Chitrapavai
Deputy Registrar (Stores & Purchase)

Dated : 22.03.2018

Tender No. SPS/AC/rate contract/2018

Dear Sirs,

On behalf of the Indian Institute of Technology Madras, Tenders are invited for the purchase of

**“WINDOW TYPE AIRCONDITIONERS OF 1.0TR, 1.5 TR & 2.0 TR
CAPACITY AND SPLIT TYPE AIRCONDITIONERS OF 1.0TR, 1.5TR
AND 2.0TR CAPACITY ON RATE CONTRACT BASIS (FOR 10 MONTHS) –
5 STARS ONLY”**

confirming to the specifications enclosed.

Tender Documents may be downloaded from Central Public Procurement Portal <https://etenders.gov.in/eprocure/app> Aspiring Bidders who have not enrolled / registered in eprocurement should enroll / register before participating through the website <https://etenders.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at “Help for contractors”. [Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this eProcurement Portal].

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type ‘IIT’. Thereafter, Click on “GO” button to view all IIT Madras tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://etenders.gov.in/eprocure/app> as per the schedule attached.

No manual bids will be accepted. All quotation both Technical bid and Financial bid should be submitted in the E-procurement portal.

1	LAST DATE for receipt of Tender	:	04.04.2018 before 02.00 p.m
	Date & Time of opening of Tender	:	05.04.2018 before 03.00 p.m
A	Submission of Tender	:	<p>As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal URL: https://etenders.gov.in/eprocure/app</p> <p>The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.</p> <p>More information useful for submitting online bids on the CPP Portal may be obtained at: https://etenders.gov.in/eprocure/app</p> <p>Both Technical Bid & Price Bid should be submitted separately in online CPP portal as per the specified format only. Right is reserved to ignore any tender which fails to comply with the above instructions.</p>

			No manual bid submission is entertained.
B	Instructions for online bid submission	:	<p>REGISTRATION</p> <ol style="list-style-type: none"> i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal URL:https://etenders.gov.in/eprocure/app by clicking on “Online Bidder Enrollment”. Enrolment on the CPP Portal is free of charge. ii. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts. iii. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal. iv. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.) v. https://etenders.gov.in/eprocure/app?component=%24DirectLink&page=DSCInfo&service=direct&session=T with their profile. vi. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse. vii. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.
Guidelines, Terms and Conditions of Tender			
C	Searching for tender documents	:	<ol style="list-style-type: none"> i. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal. ii. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective “My Tender” folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document. iii. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
D	Preparation of bids	:	<ol style="list-style-type: none"> i. Bidder should take into account any corrigendum published on the tender document before submitting their bids. ii. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid. iii. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender document / schedule and generally shall be in PDF / XLS formats as the case may be. Bid documents may be scanned with 100 dpi with black and white option. iv. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GSTIN Details, annual reports, auditor certificates etc.) has

			<p>been provided to the bidders. Bidders can use “My Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Documents” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.</p>
E	Submission of bids	:	<ol style="list-style-type: none"> i. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission date and time. Bidder will be responsible for any delay due to other issues. ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document. iii. Bidder has to select the payment option as “Off-line” to pay the EMD as applicable. The original EMD DD has to reach IIT Madras on or before the closure date and time of the tender. If the DD is not received before the closure date and time the tender will be summarily rejected. The EMD document submitted physically to IIT Madras and the scanned copies furnished at the time of bid submission online should be the same otherwise the tender will be summarily rejected. iv. A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as name of the bidder). If the BOQ file is found to be modified by the bidder, the bid will be rejected. v. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission. vi. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues. vii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers. viii. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details. ix. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.
F	Assistance to bidders	:	<ol style="list-style-type: none"> i. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender. ii. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [01 20-4200462, 01 20-4001002, 01 20-4001005]

G	General Instructions to the Bidders	:	<ul style="list-style-type: none"> i. The tenders will be received online through portal https://etenders.gov.in/eprocure/app. In the Technical Bids, the bidders are required to upload all the documents in pdf format. ii. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://etenders.gov.in/eprocure/app iii. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://etenders.gov.in/eprocure/app under the "Information about DSC".
H	Opening of the tender	:	<p>The online bid will be opened by a committee duly constituted for this purpose. Online bids (complete in all respect) received along with scanned copy of EMD (if any) will be opened as mentioned at "Annexure: Schedule". Bid received without EMD (if present) will be rejected straight way. The technical bid will be opened online first and it will be examined by a technical committee (as per the eligibility criteria, specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification.</p>
I	Earnest Money Deposit (EMD)	:	<ul style="list-style-type: none"> i. EMD for Rs. 20,000/- has to be paid by means of DD only. The scanned copy of DD to be uploaded in the online portal and the original DD should reach us on or before the due date and time. ii. The original EMD DD should be sent either by REGISTERED POST ACKNOWLEDGEMENT DUE OR THROUGH MESSENGER. If the original EMD DD is sent through Messenger, the same has to be dropped in the TENDER BOX marked Stores & Purchase kept for this purpose in the REGISTRAR'S OFFICE (1st Floor of Administrative Building) on or before due date 04.04.2018 before 02.00 p.m. iii. If it is by post (Registered Post or Speed post only) the same should reach on or before due date 04.04.2018 before 02.00 p.m. otherwise it will be summarily rejected even if the scanned copy of the DD is enclosed in e-bid. iv. Demand Draft may be drawn in favour of "The Registrar, IIT Madras" payable at Chennai. The original EMD should be sent to: The Registrar INDIAN INSTITUTE OF TECHNOLOGY MADRAS CHENNAI- 600 036 v. Non submission of original EMD DD on or before the due date and time will result in rejection of the e-bid even if the proof of the DD attached in the e-bids submitted by the vendor. vi. The EMD will be returned to unsuccessful tenderer only after the tenders are finalized. In case of successful tenderer, it will be retained till the installation and completion of warranty period.
J	Marking on Technical Bid	:	<ul style="list-style-type: none"> i. The technical Specification for this tender is given in Annexure A. The tenderer shall go through the specification and submit the technical bid. ii. The Technical bid should be submitted in the Proforma given as per Annexure B - Technical Specification Compliance Statement in pdf format only through online (e-tender). No manual submission of bid is entertained. iii. The following documents should be submitted along with technical bid: <ul style="list-style-type: none"> a) Vendor Authorization Certificate b) GST Certificate

			<p>c) ISO Certificate</p> <p>d) Catalogue.</p> <p>iv. All technical bid should have the page-wise heading as “Technical Bid” and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</p> <p>v. The technical bid should consist of all technical details along with catalogue/brochure and other technical, commercial terms and conditions.</p>
K	Marking on Price Bid	:	<p>i. Price bid should be submitted in the prescribed proforma given in Annexure – C (BOQ) in PDF format through e-tender only. No manual submission of bid is entertained.</p> <p>ii. Price bid should indicate item-wise price for all the items mentioned in the technical bid.</p>
2	Special Terms & Conditions:		
	<p>a) While quoting you are requested to provide complete technical specifications like Part No., Main unit model No, Model No. of indoor & outdoor unit, make, Type of material to be used for tubing, the length of the tube to be used to connect the indoor & outdoor unit etc. in the prescribed format without which, the quotation will be summarily rejected at the opening stage itself. You should include the catalogues of each model quoted particularly specifying EER/BEE Test conditions. Withdrawal of a Model quoted in the Rate Contract is acceptable ONLY IF accompanied by a certificate from the manufacturer to that effect. Correspondence in this connection must be addressed to DR (Stores & Purchase).</p> <p>You should quote your product as per our specification requirements by mentioning our requirements and your offer side by side and the rate should be in total as per our requirements. We will not make any calculation if you have mentioned the rates of item separately.</p> <p>b) Please indicate model, make, actual cooling capacity in KW or BTU/hour, Star rating, Noise level and EER in W/W or (BTU/hour)/W. Also indicate delivery/installation/warranty clause etc.</p> <p>c) Voltage at IIT is quite stable. Hence most of the cases stabilizer is not required. However price to be quoted along with the stabilizer but the decision regarding purchase will be left with IIT only. The cost of condenser (angle), installation charges for installing Split Air conditioner, the cost of Stabilizer, normal free supply of copper tube along with Air conditioner in meters, cost for supplying additional meter, normal free supply of drain piping in meters, cost of additional supply of drain piping in meter, cost of MS stand for our door unit etc should be indicated clearly in the tender documents. No installation charges will be paid for installing window ACs.</p> <p>d) The warranty for Air conditioner & Compressor required is for one year only and no additional warranty is required as we have already taken AMC for the Institute as a whole. Hence, quote should be given for one year warranty only.</p> <p>e) During the warranty period, the complaint is to be attended to within 2 days otherwise your name will be removed from our mailing list after forfeiting EMD remitted by you. In addition penalty as decided by the committee will be deducted from your company’s other bills. If any air conditioner gives continuous trouble, say three times or more in one month during the warranty period, you have to replace the air conditioner with a new one without any additional cost to the purchaser.</p> <p>f) The online technical bid will be first opened and evaluated. In the screening, the Vendor Eligibility Criteria and technical evaluations, as per ANNEXURE – A will be evaluated. The price bid of only those bidders whose vendor eligibility criteria and technical compliance are found to be adequate by the Committee will be opened.</p> <p>g) More than one vendor may be empanelled under rate contract and the vendors may be asked to match the L1 price.</p>		

<p>3</p>	<p>Signing of Tender:</p> <p>The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and important conditions referred to in Annexure enclosed herewith. Each page of the technical bid required to be signed and bears the official seal of the tenderers.</p> <p>If the application is made by a firm in partnership, it shall be signed (with seal)by all the partners of the firm above their full typewritten names and current addresses or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the application.</p> <p>If a limited company or a corporation makes the application, it shall be signed by a duly authorized person holding power of attorney for signing the application, in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The applicant shall also furnish a copy of the Memorandum of Articles of association duly attested by a Public notary.</p>
<p>4</p>	<p>Period for which the offer will remain open:</p> <ul style="list-style-type: none"> i. Firms tendering should note the period for which it is desired that their offers should remain open for acceptance. If the firms are unable to keep their offers open for the specified period they should specifically state the period for which their offers are remain valid provided, however, the day upto which the offer is to remain open being declared closed holiday for the Indian Institute of Technology Madras, the offer shall remain open for acceptance till the next working day ii. Quotations qualified by such vague and indefinite expressions such as ‘subject to immediate acceptance’, ‘subject to prior sale’ will not be considered. iii. The tender shall remain open for acceptance/validity till 120 days from the date of opening of the tender.
<p>5</p>	<p>Prices:</p> <ul style="list-style-type: none"> i. The prices quoted must be nett. per unit as per the technical specification mentioned in Annexure B and must include all packing, delivery charges , installation charges and other statutory levies. The prices quoted by the Tenderer should be inclusive of GST and other statutory levies (and should be clearly stated to be so) which will be paid by the Purchaser/if legally leviable at the rate ruling on the date of supply as specified in the Acceptance of Tender. The percentage of tax etc. included in the price should be indicated in clear terms. If the inclusive price is not given, we will treat your offered rate as inclusive rate and comparison be made with others. If at the time of comparison of your offer without taxes etc. is happened to be lowest, you are bound to supply as per the offered rate, i.e. without taxes etc. <p>No price revision changes in the specification already given or changes in the terms & conditions etc. will be allowed during the rate contract period. In view of the frequent downward price movement in the recent past, you must give an undertaking to the effect that, in case of downward price movement during the Rate Contract period, the firm shall pass on the advantage to IIT, Madras. Your quotation will be summarily rejected, if the undertaking does not accompany the quotation.</p> <ul style="list-style-type: none"> ii. For bulk orders, the percentage of discount offered may also be indicated in the following slabs. (The discount is to be offered in % only and not by way of reduction of cost in rupees). <ul style="list-style-type: none"> 2 to 5 6 to 10 11 to 25 26 & above iii. In the case of bulk requirements, we have at liberty to negotiate with you for further reduction in the prices offered. If you do not quote, it will be presumed that you are not open for bulk order. Within these categories you may quote for sub- slabs also. iv. IIT Madras is eligible for concessional GST @ 5% on IGST and @ 2.5% for CGST and SGST as per Notification No. 45/2017 – Central Tax (Rate) Dated 14th November 2017 & Notification No.47/2017 – Integrated Tax (Rate) Dated 14th November 2017, for procurement of Equipments and Consumables for research purpose. At the time of Invoicing, please state the concessional GST accordingly. During the supply of item, a certificate to this effect will be issued to your firm.

6.	Withdrawal of a Model quoted in the Rate Contract is acceptable ONLY IF accompanied by a certificate from the manufacturer to that effect. Correspondence in this connection must be addressed to Deputy Registrar (Stores & Purchase)
7.	<p>Terms of Delivery: Supply and Installation are required by date(s) specified in the Schedule of Tender. If, however, it is not possible for you to effect supply and installation by the date(s), you should specify the date(s) by which you can guarantee supply and installation in the prescribed schedule to the Tender.</p> <p>The supplier has to supply the items as per the Rate Contract offered specification only. If they supply the lower configuration, it will not be accepted at all.</p> <p>Any deviation found in the specification of the product and non delivery of items within the due date will also lead to cancellation of P.O. without any notice. In addition your company's EMD will be forfeited in full and your company's name will be removed from our mailing list for future enquiries.</p>
8.	<p>Delivery Period: Items should be delivered within a week's time. No further extension of time will be allowed. The suppliers should honour all the purchase orders issued during the rate contract period without fail. Hence proper care should be taken regarding the availability of Air conditioners before quoting for our rate contract.</p> <p>Non delivery of items will lead to cancellation of Purchase Order without any notice. In addition, action may be taken for removing them from our mailing list in respect of future enquiry.</p>
9.	<p>Penalty Clause: If there is a delay in supply without any valid reasons and not accompanied by proof for delay from the manufacturer, the penalty at the following rates will be levied while making payments, without any reference to your company.</p> <ul style="list-style-type: none"> • Delay of 16 to 30 days – 1% of the total value of Invoice. • Exceeding 30 days to 2 months – 2% of the total value of Invoice. • Beyond 2 months – 5% of the total value of Invoice, in addition your company name will be removed from our mailing list for further enquiries.
10.	It is also informed that there is no commitment on our part to place any order on the basis of rate contract and the institute also reserves the right to conduct negotiations in the case of bulk order or cancel the rate contract when considered necessary.
11.	<p>CONDITIONS OF CONTRACT: Printed or cyclostyled or such terms and conditions of the tenderer, not appearing in the body of the tender will not be considered as forming part of the tender. Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and tender papers. In case these terms and conditions are not acceptable to the tenderer, he should specifically state the deviation(s) there from in the body of the tender.</p>
12.	<p>PAYMENT:</p> <p>i) Payment will be made normally after completion of supply and installation of the Air conditioners to the entire satisfaction of the Purchaser. All ACs installations should be done in the presence of our Officials / Faculty so as to ensure that proper tubing has been done with right type of material without any modification to connect the indoor unit with the outdoor unit. The position of the outdoor unit must be chosen such a way that the unit is serviceable at a later date.</p> <p>ii) If the supplier needs payment against delivery, they have to submit Proforma invoice initially. We will draw a cheque based on that invoice and keep the same ready. The cheque will be handed over to the company on satisfactory installation of the Air conditioners only.</p> <p>iii) No installation charges will be paid for installing window AC's. The payment for installation of split ACs is to be made only after satisfactory installation and to be made within a week time and no immediate cash payment / advance payment is to be made.</p>
13.	No Advance Payment will be made for Indigenous purchase. Payment will be made only after supply on satisfactory installation.
14.	<p>TENDERER SHALL SUBMIT ALONG WITH THIS TENDER:</p> <p>(i) An Income Tax clearance Certificate (duly countersigned) by the Income Tax Officer of the Circle concerned under Seal of his office.</p> <p>(ii) Proof of having ISO or other equivalent certification given by appropriate authorities.</p> <p>(iii) Name and full address of the Banker and their swift code and PAN No. and GSTIN number.</p>

	<p>iv) GST registration proof showing registration number, area of registration etc.</p> <p>v) FAX/Email/Telegram quotations will not be accepted. Please mention the GST No and Area Code failing which your quotation will be rejected. All of your future correspondences including Invoices should bear the GST No. and Area Code.</p>
15.	<p>DISTRIBUTORSHIP CERTIFICATE: Distributors/dealers/resellers of a particular make should submit a Certificate from their Principals to the effect that they are authorized Agents of the Manufacturers and that they are authorized to supply the Air Conditioners to IIT Madras.</p> <p>Note: One agent can not represent for two manufacturers or suppliers or quote on their behalf at one time for the same item in the same tender</p>
16.	<p>GUARANTEE: The tenderer has to declare that the goods sold to the buyer under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications. Tenderer should indicate the period for which the said goods/articles would continue to confirm to the specifications.</p>
17.	<p>JURISDICTION: All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued</p>
18.	<p>Right of Acceptance: The Indian Institute of Technology Madras Chennai-600 036 does not pledge itself to accepting the whole or any part of the Tender or portion of the quantity offered.</p>
19.	<p>Communication of Acceptance: Acceptance by the Purchaser will be communicated by Post, if required, and the Company's acceptance communicated to us formally in writing. In case where acceptance is communicated by Telegram or letter by Speed Post, the formal Acceptance or Tender will be forwarded to you as soon as possible but the instructions contained in the Telegram or Speed Post letter should be accepted upon immediately.</p>
20.	<p>In terms of Rule 173 (iv) of General Financial Rules, 2017 the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of its bid.</p>
21.	<p>Transit Insurance: The Purchaser will not pay separately for Transit Insurance.</p>
22.	<p>Force Majeure : The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <ul style="list-style-type: none"> • For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. • If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
23.	<p>Risk Purchase Clause: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause</p>
24.	<p>IIT Madras has the liberty to empanel more than one vendor in rate contract.</p>
25.	<p>The Contract period is for 10 months from 1.4.18 to 31.1.19.</p>

ACKNOWLEDGEMENT

It is hereby acknowledged that we have gone through all the points listed under "Special Terms and Conditions" outlined above, and those in the accompanying note on "Special conditions", and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

**SIGNATURE OF TENDERER
ALONG WITH SEAL OF THE
COMPANY WITH DATE**

ANNEXURE – A

Vendor Eligibility Criteria:

Quotations will be accepted only from manufacturers of branded Air conditioners. If the manufacturers are not in a position to quote, they may authorize dealers/distributors/resellers who may quote along with proof for authorization but the responsibility for supply, installation and after supply services rests with manufacturers only.

TECHNICAL SPECIFICATION / REQUIREMENTS

(1) WINDOW AIRCONDITIONER

	1	2	3
Type of Air- conditioner	Window Type	Window Type	Window Type
Nominal Capacity	1.0TR	1.5TR	2.0TR
Compressor Type	Rotary	Rotary	Rotary
BEE Energy Label	5 Stars (*****) only	5 Stars (*****) only	5 Stars (*****) only
Noise Level	Less than 55 db	Less than 55 db	Less than 55 db
Remote Control	Cordless Digital remote	Cordless Digital Remote	Cordless Digital remote
Material for tubes including heat exchangers	Copper only	Copper only	Copper only

(2) SPLIT AIRCONDITIONER

	1	2	3
Type of Air-conditioner	Split AC Type	Split AC Type	Split AC Type
Nominal Capacity	1.0TR	1.5TR	2.0TR
Compressor Type	Rotary	Rotary	Rotary
BEE Energy Label	5 Stars (*****) only	5 Stars (*****) only	5 Stars (*****) only
Noise Level	Less than 45 db	Less than 45 db	Less than 45 db
Remote Control	Cordless Digital remote	Cordless Digital remote	Cordless Digital remote
Material for tubes including heat exchangers	Copper only	Copper only	Copper only

Special condition:

The star rating should be as per the BEE Energy Label specifications on the date of opening of the tender. The relevant catalogues specifying the BEE Energy Label should be enclosed with the quote. Whenever the calculations were made for star rating taking EER as a base, the basis of calculations should be recorded. Otherwise the tender will be rejected at the opening stage itself.

ANNEXURE – B

TECHNICAL SPECIFICATION COMPLIANCE STATEMENT

(1) WINDOW AIR CONDITIONER

	1	2	3
Type of Air-conditioner	Window Type 1 tr	Window Type 1.5 tr	Window Type 2 tr
Model			
Make			
Nominal Capacity			
Actual Cooling capacity			
Compressor Type	Rotary	Rotary	Rotary
Star Rating (BEE energy level)	5 Stars (*****) only	5 Stars (*****) only	5 Stars (*****) only
Power Consumption in watt			
Noise Level (<55 db)			
Remote Operation	Cordless Digital remote	Cordless Digital remote	Cordless Digital remote
Material used for tubes Including heat exchangers	Copper only	Copper only	Copper only
Remarks if any			

(2) **SPLIT AIR CONDITIONER**

	1	2	3
Type of Air-conditioner	Split AC Type 1 tr	Split AC Type 1.5 tr	Split AC Type 2 tr
Model			
Make			
Nominal Capacity			
Actual Cooling capacity			
Compressor Type	Rotary	Rotary	Rotary
Star Rating (BEE energy level)	5 Stars (*****) only	5 Stars (*****) only	5 Stars (*****) only
Power consumption in Watts			
Noise Level (<55 db)			
Remote Operation	Cordless Digital remote	Cordless Digital remote	Cordless Digital remote
Material used for tubes Including heat exchangers	Copper only	Copper only	Copper only
Remarks if any			

ANNEXURE – C

PRICE BID:

The following particulars may be furnished for each and every model for making comparison of prices and for selection of the brand & model on lowest quotation / Specification selection basis.

(1) WINDOW AIR CONDITIONER

SL.NO	DESCRIPTION	Unit Cost	Taxes	Total Cost
1	Make, Capacity, Model No. of Main unit, Model No. of indoor & outdoor unit if applicable			
2	Unit cost Inclusive of Taxes			
3	Copper Piping with cable (a). Normal length 3 RMT to be supplied with unit(Included in cost) (b). Extra Length cost per RMT			
4	Drain Piping(Please indicate type, material and diameter of tube) (a.) Normal length 2 RMT to be supplied with unit(Included in cost) (b.) Extra Length cost per RMT			
5	MS Outdoor stand cost per set			
6	Installation Charges (Inclusive of taxes)	Installation for the Window AC is to be provided free of cost if the size of the window opening exactly matches with AC, otherwise to be paid extra based on actuals.		
	TOTAL COST			

(2) SPLIT AIR CONDITIONER

SL.NO	DESCRIPTION	Unit Cost	Taxes	Total Cost
1	Make, Capacity, Model No. of Main unit, Model No. of indoor & outdoor unit if applicable			
2	Unit cost Inclusive of Taxes			
3	Copper Piping with cable (a). Normal length 3 RMT to be supplied with unit(Included in cost) (b). Extra Length cost per RMT			
4	Drain Piping(Please indicate type, material and diameter of tube) (a.) Normal length 2 RMT to be supplied with unit(Included in cost) (b.) Extra Length cost per RMT			
5	MS Outdoor stand cost per set			
6	Installation Charges (Inclusive of taxes)	1		
	TOTAL COST			

It may also be informed whether the supplier is to agree for matching of L1 rates (cost, installation charges and other ancillary items) in the cases where their offers are found to be higher than L1 rates.

YES / NO

Sd/-
Deputy Registrar
Stores &Purchase

SCHEDULE

Name of Organization	Indian Institute of Technology Madras
Tender Type (Open/Limited/EOI/Auction/Single)	Limited
Tender Category (Services/Goods/works)	Goods/Services
Type/Form of Contract (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Supply
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	WINDOW TYPE AIRCONDITIONERS OF 1.0TR, 1.5 TR & 2.0 TR CAPACITY AND SPLIT TYPE AIRCONDITIONERS OF 1.0TR, 1.5TR AND 2.0TR CAPACITY ON RATE CONTRACT BASIS – 5 STARS ONLY
Source of Fund (Institute/Project)	IIT Madras
Is Multi Currency Allowed	No
Date of Issue/Publishing	22.03.2018
Document Download/Sale Start Date	22.03.2018
Document Download/Sale End Date	04.04.2018
Last Date and Time for Uploading of Bids	04.04.2018 before 02.00 pm
Date and Time of Opening of Technical Bid	05.04.2018 at 03.00 pm
EMD	Rs. 20,000/-
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	120 Days
Address for Communication	The Deputy Registrar Stores & Purchase Section IIT Madras Chennai – 600 036
Contact No.	For Queries : 044- 2257 8287/8288
Email Address	adstores@iitm.ac.in