

IUCAA

**INTER-UNIVERSITY CENTRE FOR ASTRONOMY AND ASTROPHYSICS PUNE
MAHARASHTRA - 411007**

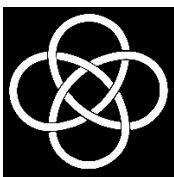
Tender for

“SITC OF 5 STAR INVERTER SPLIT AC WORK AT IUCAA, PUNE”

Technical Bid

Inter-University Centre for Astronomy and Astrophysics Pune

Post Bag - 4, Ganeshkhind,
Savitribai Phule Pune University Campus, Pune - 411 007.
Tel. (020) 25604100 Fax: (020) 25604699



IUCAA

Contact Details of the Bidder for

“SITC OF 5 STAR INVERTER SPLIT AC WORK AT IUCAA, PUNE”

Name of Vendor / Firm / Company _____

Postal Address _____

Telephone Off. _____

Telex / Fax _____

Email ID _____

Signature & Seal of the Bidder

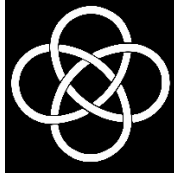
Name of the Signatory: Designation:

Date:

Place:

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IUCAA

Copy of Advertisement

SITC OF 5 STAR INVERTER SPLIT AT IUCAA, PUNE

The Director, Inter-University Centre for Astronomy and Astrophysics (IUCAA), Savitribai Phule Pune University Campus, Ganeshkhind, Pune – 411007, invites technical & financial bids for **“Tender for SITC of 5 Star Inverter Split AC At IUCAA, Pune”** from reputed bidders.

Interested bidders may view and download the tender document from Government Central Procurement Portal <https://eprocure.gov.in/eprocure/app>. The tender document is also available on IUCAA’s website <https://www.iucaa.in/tenders>

The tender document has to be submitted through CPPP only.

IUCAA reserves the right to reject any or all of the tenders without assigning any reasons.

Estate Manager

IMPORTANT MILESTONES AND CONTACT INFORMATION

1.	Date of commencement	8 th (Eighth) day after the letter of intent is received by the contractor of start the work.
2.	Date of completion	3 (Three) Weeks (One) from the day of receipt of purchase/ work order.
3.	Defects liability Period	12 (Twelve) calendar months from the date of work completion.
4.	Period of final measurements	One Week from the date of submission of Final bill with all necessary papers.
5.	The Interim Certificate / Running Bill Value	Only one final bill after satisfactory work completion.
6.	Period of Honoring Certificate	Thirty days from the issue of work completion certificate
7.	Earnest money Deposit (EMD)	Rs. 34,600/- (Rs. Thirty Four Thousand Six Hundred Only) in the form of online payment. Refund: EMD of unsuccessful bidders during first stage (technical evaluation) shall be returned within 30 days of declaration of result of the first stage, i.e. technical evaluation. Bids of the unsuccessful bidders shall be returned to them earliest after expiry of the final bid validity and latest on or before the 30 th day
8.	Security Deposit (SD)	The SD will be 5% of the Accepted tender value/final Contract/Work Order value. The EMD already submitted will be converted into Security Deposit and the balance amount of SD will be recovered from final bill in one installment. Security Deposit will be refunded to the vendor on completion of all contractual obligations including the Defect Liability Period + 60 days.
9.	Performance Security (PS)/ Performance Guarantee (PG)	The PS/PG will be 3% of the accepted tender value. The same has to submitted within 30 days from the award of contract/letter of Intent/work order. The PG will be released after satisfactory completion of work. The PS can also be submitted in the form of Performance Bank Guarantee (PBG) drawn on a Nationalized Bank. If, PS is not submitted within 30 days, then the penalty of Rs. 5000/- per day will be applied.
10.	Contact information of IUCAA representative for visit to site, technical information / clarification, etc.	Mr. Nitin Ohol Estate Manager, IUCAA Tel. 020-25604334, Email: nitin_ohol@iucaa.in tenders.estate@iucaa.in

SECTION – I

Tender Notice / Information

Inter-University Centre for Astronomy and Astrophysics (IUCAA), Post Bag 4, Ganeshkhind, Savitribai Phule Pune University Campus, Pune 411 007, invites tenders in two-bid system, i.e. “Technical Bid” and “Financial Bid” from reputed vendors for **“Tender for SITC of 5 Star Inverter Split AC At IUCAA, Pune”**.

Tender available on CPPP	: 14/02/2025 at 1700 hrs.
Submission of questionnaire for Pre-Bid Meeting	: 21/02/2025 up to 1100 hrs
Pre-Bid Meeting	: 25/02/2025 at 1100 hrs.
Closing date & time for receipt of Tender	: 10/03/2025 at 1100 hrs.
Tender opening date & time	: 11/03/2025 at 1100 hrs.
Earnest Money Deposit (EMD): Rs. 34,600/- (Rs. Thirty Four Thousand Six Hundred Only)	

Bidders shall ensure that their tenders, complete in all respects, are uploaded at <https://eprocure.gov.in/eprocure/app> on or before the closing date and time indicated as above.

- 1) EMD should be paid through **NEFT/RTGS** only. Photo copy of transaction ID or UTR no. should be uploaded along with technical bid. Micro and Small Enterprises (MSEs) are provided tender documents free of cost and are exempted from payment of earnest money, subject to furnishing of relevant valid certificate for claiming exemption.
- 2) Tender fees shall not be applicable for tender documents downloaded by the bidder. (In order to promote wider participation and ease of bidding, no cost of tender document will be charged for tender documents downloaded or uploaded on CPPP by the bidder)
- 3) Average Annual Turnover (Gross) not less than Rs 35 Lakh on similar works during the immediate last five consecutive years (i.e., 19-20, 20-21, 21-22, 22-23, 23-24), balance sheets duly audited by Chartered Accountant along with income tax returns to be submitted.
- 4) In the event of any of the above-mentioned dates being declared as a holiday / closed day for IUCAA, the tenders will be received/opened on the next working day at the appointed time.
- 5) The Estate Manager, IUCAA, Pune - 411007 on behalf of IUCAA reserves the right to postpone the date of opening of tender without assigning any reason thereof.
- 6) Technical Bid consists of all documents mentioned in the Technical Bid form along with EMD. Financial Bid consists of the prices and for all Commercial Terms and Conditions. A tender in which any of the prescribed condition(s) is not fulfilled or any condition including that of conditional rebate are put forth by any bidder then their bid shall be summarily rejected. However, tenders with unconditional rebate will be considered.
- 7) IUCAA reserves the right to reject any or all of the tenders without assigning any reason thereof.

Estate Manager
Inter-University Centre for Astronomy and Astrophysics
Post Bag 4, Ganeshkhind, Pune - 411007.
Tel. (020) 25604100
Email: tenders.estate@iucaa.in

Technical Bid Form (To be filled by Bidder)

1	Bidder's Name (firm/company Name) and Address	
2	Company Registration / Shop Act License No. and Validity Period/Date	
3	The Bidder must have minimum five years valid dealership certificate in one brand only (Dealership Certificate from OEM must be attached)	
4	Nature of Business & Establishment Year	
5	Telephone Nos. <i>Mobile No.</i> <i>Fax No.</i>	
6	Contact Person <i>Name</i> <i>Designation</i> <i>Mobile</i> <i>E-mail</i>	
7	EMD Paid (Proof to be Attached)	
8	NSIC / MSME Registration Certificate (valid certificate to be attached if any)	
9	PAN Details PAN No. (Photocopy to be attached)	
10	PF/ESI/GST/Professional Tax details 1) Reg. No. PF (copy to be attached) 2) Reg. No. ESI (copy to be attached) 3) Reg No. GST (copy to be attached) 4) Reg No. Profession Tax (copy to be attached)	
11	Organizational Capability (staff strength) <i>No. of Engineers ...</i> <i>No. of Supervisors ---</i> <i>No of Technicians...</i> <i>Quality Engineers ...</i>	
12	Average Annual Turnover (Gross) not less than Rs 35 Lakh on similar works during the immediate last five consecutive years (i.e., 19-20, 20-21, 21-22, 22-23, 23-24), balance sheets duly audited by Chartered Accountant along with income tax returns to be submitted. FY 2019-2020 FY 2020-2021 FY 2021-2022 FY 2022-2023 FY 2023-2024	
14	Last Five years continuous experience of the firm in the field of providing such services in Central Govt. establishment/Autonomous bodies of GOI/Corporation of GOI/Reputed Public or Private Organizations (Provide details in enclosed tabular form)	
15	Provide following details of Institutional/Similar type of SITC of 5 Star Inverter Split AC projects completed within the last 3 years of similar nature: 1) Minimum three Institutional/Similar type SITC of 5 Star Inverter Split AC Units projects costing more than Rs. 7.20 Lakhs OR 2) Minimum two Institutional/Similar type of SITC of 5 Star Inverter Split AC Units projects costing more than Rs. 9 Lakhs OR 3) Minimum one Institutional/Similar type of SITC of 5 Star Inverter Split AC Units project costing more than Rs. 14.40 Lakhs . Client Certificate to be attached for all the works	

	<p>a) Name & address of the project</p> <p>Type of Work</p> <p>Start date</p> <p>Completion date</p> <p>Final Bill Value</p> <p>Scope of work</p> <p>Client contact details (Name, tele, fax, e-mail).</p>
	<p>b) Name & address of the project</p> <p>Type of Work</p> <p>Start date</p> <p>Completion date</p> <p>Final Bill Value</p> <p>Scope of work</p> <p>Client contact details (Name tele, fax, e-mail).</p>
	<p>c) Name & address of the project</p> <p>Type of Work</p> <p>Start date</p> <p>Completion date</p> <p>Final Bill Value</p> <p>Scope of work</p>
16	List of Clients for whom the bidder has executed works of similar nature
17	List along with details of any arbitration cases / legal disputes on Current / previous projects – (Mention name of project, reason for dispute, party filing the suit and its current status)
18	Is the company ISO Certified?
19	List any awards, recognitions on previously executed projects
20	Address of Office
21	Prepared and submitted by (Name & Signature)
<p>Notes: –</p> <ol style="list-style-type: none"> 1. The Inter-University Centre for Astronomy & Astrophysics, Pune reserves the right to accept or reject any or all applications without assigning any reason. 2. The vendors/bidder has to fill/complete the technical bid form and Compliance sheet mentioned in clause no.17.8 in all respects. Every statement made in the technical bid format should be supported by documentary proof for consideration and all pages of the tender should be verified and signed by the authorized person in this behalf. Otherwise the tender is liable to be rejected. 3. Please support Completed Work (Form No. I) and Work in hand (Form No. II) information with copy of the Work order/Contract from the client, Otherwise the tender is liable to be rejected. 	

Date:

Place:

Name:

Designation:

Seal:

Yours faithfully,

(Signature of the Authorized person)

SECTION - II

COMMERCIAL TERMS

1. **Introduction:** IUCAA invites bids in two-bid system, i.e. “Technical 180” and “Financial Bid” from reputed vendors towards “**Supply, Installation, Testing and Commissioning (SITC) of 5 Star Inverter Split AC work**” at IUCAA, Pune.
 - 1.1 IUCAA has issued these tender enquiry documents for “SITC of 5 Star Inverter Split AC at IUCAA, Pune”
 - 1.2 This section provides the relevant information as well as instructions to assist the prospective bidders in preparation and submission of tenders. It also includes the mode and procedure to be adopted by IUCAA for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.
 - 1.3 Before formulating the tender and submitting the same to IUCAA, the bidder should read and examine all the terms, conditions, instructions etc. contained in the tender documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these tender documents may result in rejection of their tender.
2. **Language of Tender:** The tender submitted by the bidder and all subsequent correspondence and documents relating to the tender exchanged between the bidder and IUCAA shall be written in the English language, unless otherwise specified in the tender enquiry. However, the language of any printed literature furnished by the bidder in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.
3. **Eligibility Criteria for Bidders:** The vendors should meet the following criteria to qualify in the tendering process. (Sufficient proof with authorized work order & completion certificate to be submitted)
 - 3.1 The vendor should have completed minimum ONE similar Institutional **SITC of 5 Star Inverter Split AC at IUCAA, Pune Project costing more than Rs. 14.40 Lakhs (Indian Rupees Fourteen Lakhs Forty Thousand only) in the last 3 financial years.**

OR
 - 3.2 The vendor should have completed minimum TWO similar Institutional **SITC 5 Star Inverter Split AC at IUCAA, Pune Project costing more than Rs. 9 Lakhs (Indian Rupees Nine Lakhs only) in the last 3 financial years.**

OR
 - 3.3 The vendor should have completed minimum THREE similar Institutional **SITC of 5 Star Inverter Split AC at IUCAA, Pune Project costing more than Rs. 7.20 Lakhs (Indian Rupees Seven Lakhs Twenty Thousand only) in the last 3 financial years.**
 - 3.4 The bidder must have minimum five years valid Dealership Certificate in one brand only from OEM.
 - 3.5 Average Annual Turnover (Gross) not less than Rs 35 Lakh on similar works during the immediate last five consecutive years (**i.e., 19-20, 20-21, 21-22, 22-23, 23-24**), balance sheets duly audited by Chartered Accountant along with income tax returns to be submitted. The bids of those bidders who do not fulfil any of the above-mentioned criteria shall be summarily rejected.
4. **Eligible Goods and Services:** All goods and related services to be supplied under the contract shall have their origin in India or other countries, subject to any restriction imposed in this regard. The term “origin” used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.
5. **Tendering Expenses:** The bidder shall bear all the costs and expenditure incurred and/or

to be incurred by it in connection with its tender including preparation, mailing and submission of its tender and for subsequent processing of the same. IUCAA will, in no case be responsible or liable for any such costs, expenditure etc. regardless of the conduct or outcome of the tendering process.

6. **Content of Tender Enquiry Documents:** The relevant details required for construction & services, the terms, conditions and procedure for tendering, tender evaluation, placement of contract, the applicable contract terms and, also, the standard formats to be used for this purpose are incorporated in the above-mentioned documents. The interested bidders are expected to examine all such details etc. to proceed further.
7. **Amendments to Tender Enquiry Documents:**
 - 7.1 At any time prior to the deadline for submission of tenders, IUCAA may, for any reason it deems fit, modify the tender enquiry documents by issuing suitable amendment(s) to it. All such amendments shall form part of this tender document and shall be binding on all the bidders.
 - 7.2 In order to provide reasonable time to the prospective bidders to take necessary action in preparing their tenders as per the amendments, IUCAA may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.
8. **Clarification of Tender Enquiry Documents & Pre-Bid Meeting:** A bidder requiring any clarification or elucidation on any issue of the tender enquiry documents may take up the same with IUCAA in writing by e-mail. A pre-bid technical meeting will be held at IUCAA, Pune on **25/02/2025 at 11:00 hrs.** to discuss and resolve the queries and doubts, if any from the prospective bidders. Clarifications/questionnaire sought should be sent by email to tenders.estate@iucaa.in latest by **11:00 hrs. on 21/02/2025.** Clarifications/discussions/minutes of the pre-bid meeting will form a part of the tender document. Pre-bid meeting will be arranged at IUCAA campus. One Set of hard copy of tender document & drawings shall be available at IUCAA office during office hours.
9. **Contacting IUCAA:**
 - 9.1 From the time of submission of tender to the time of awarding of the contract, if a bidder needs to contact IUCAA for any reason relating to this tender enquiry and/or its tender, it should do so only in writing to tenders.estate@iucaa.in
 - 9.2 In case a bidder attempts to influence IUCAA in its decision(s) during scrutiny, comparison and/or evaluation of tenders and/or awarding the contract, the tender of such a bidder shall be liable for rejection in addition to appropriate legal action(s) being taken against such a bidder at the discretion of IUCAA.
10. **Corrupt or Fraudulent Practices:** IUCAA requires that the bidders who wish to bid for against IUCAA's tender have the highest standards of ethics. IUCAA shall reject bids of those bidders who are found to be engaged in corrupt and/or fraudulent practices. This also applies to a successful bidder who has been awarded the contract and is found to be engaged in corrupt or fraudulent practices during the execution of the contract.
11. **Interpretation of the clauses in the Tender Document/Contract Document:** In case of any ambiguity in or dispute arising out of or related to (including the interpretation of any of the clauses in this tender document/purchase order/contract), decision of the Director, IUCAA or his nominee shall be final and binding on all parties.
12. **Tender currencies:** The bidder shall quote only in Indian Rupees.
13. **Tender Prices:** Bidder has to check and fill all the fields mentioned in the price bid. The quoted rates shall be inclusive of all the relevant taxes excluding GST. The GST shall be calculated automatically on the Gross Total and shown separately at the end in the BOQ sheet. The Net Total shall be the summation of the Gross Total and the GST. All the bidders

should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Law.

14. **Taxes:** GST shall be levied as per prevailing rates.

15. **Documents establishing Good's Conformity to Tender Enquiry document:**

15.1 The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender, fully conform to the goods and services specified by the procuring entity in the tender documents. For this purpose, the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the procuring entity in the tender documents to establish technical responsiveness of the goods and services offered in its tender. In case, there is any variation and/or deviation between the goods & services prescribed by the procuring entity and that offered by the bidder, the bidder shall list out the same in a chart form without ambiguity and provide the same along with its tender.

15.2 If a bidder furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the procuring entity in this regard.

16. **Earnest Money Deposit (EMD):** The Earnest Money is required to protect IUCAA against the risk of the bidder's unwarranted conduct as amplified under GCC.

16.1 The amount of EMD will be Rs. 34,600/- (Rupees Thirty Four Thousand Six Hundred only).

16.2 The EMD shall be denominated in Indian Rupees.

16.3 Scanned copy of the EMD paid receipt (as the case may be) shall be uploaded along with the Technical Bid.

16.4 The EMD shall be furnished through **NEFT/RTGS** only. IUCAA's bank details for the purpose of payment of EMD are as follows: -

Name of the Beneficiary: Inter-University Centre for Astronomy &

Astrophysics Bank Account Number - 98060100000188

Nature of Bank Account - Savings Bank Account,

MICR NO. - 411012053 Name of the Bank - Bank of Baroda

Address of the branch - Bank of Baroda, IUCAA Extension

counter, Pune University Campus, Pune - 411007.

Bank Branch Code - EXTPOO,

IFSC Code- BARB0EXTPOO, Swift Code - BAR B IN BB PCB

16.5 Unsuccessful bidder's earnest money shall be returned to them without any interest after issuing the purchase/work order/LOI to the successful bidder. In case of the bidder whose offer is accepted, the EMD shall be converted into **Security Deposit**. [Please refer Section III, Clause 26, for further details on Security Deposit.]

16.6 EMD of a bidder will be forfeited, if the bidder withdraws or amends their bid or impairs or derogates from the tender in any respect within the period of validity of their tender. The successful bidder's earnest money shall be forfeited, if they fail to furnish the balance amount of Performance security within the aforementioned period.

16.7 Micro and Small Enterprises (MSEs) are provided tender documents free of cost and are exempted from payment of earnest money, subject to furnishing of relevant valid certificate for claiming exemption. MSEs must provide proof of their being registered as MSE (indicating the terminal validity date of their registration) for the item tendered, with any agency mentioned in the notification of the Ministry of Micro, Small and Medium Enterprises (Ministry of MSME), indicated on the website of

MSME.

16.8 **Security Deposit** will be released upon completion of all contractual obligations including Defect Liability Period + 60 days.

17. Tender Validity:

17.1 The Bids shall remain valid for acceptance for a period of **180 days** from the date of tender opening prescribed in the tender document. Any bid valid for a shorter period shall be treated as unresponsive and rejected summarily.

17.2 In exceptional cases, the bidders may be requested by IUCAA to extend the validity of their bids up to a specified period. Such request(s) and responses thereto shall be conveyed by e- mail followed by registered-post/courier. In all such cases the bidders will (i) have to extend the bid validity without any change or modification in their original tender and

(ii) extend the validity period of the EMD accordingly. However, EMDs of those bidders who express their inability to do so shall not be forfeited and their bids shall not be considered for further process.

17.3 In case the day up to which the tenders are to remain valid falls on/ is subsequently declared as a holiday or closed day for IUCAA the tender validity shall automatically be extended up to the next working day.

18. Withdrawal of Tender: No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a bidder withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the bidder in its tender.

19. Preparation of Bids:

19.1 For preparation of bids, the bidders shall search the tender from published tender list available on site and download the complete tender document and shall consider corrigendum issued, if any, before submitting their bids. After selecting the tender document, the same shall be moved to the 'My favorite' folder of bidders account from where bidder can view all the details of the tender document.

19.2 Bidder shall go through the tender document carefully to understand the documents required to be submitted as part of the bid. Bidders shall 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 their bid.

19.3 Any pre-bid clarifications if required, then same may be obtained online through the tender site, or through the contact details given in the tender document.

19.4 Bidders should get ready in advance the bid documents in the required format (pdf/xls/rar/dwf/jpg formats) to be submitted as indicated in the tender document/schedule. **Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.**

19.5 Bidders can update well in advance, the documents such as experience certificates, annual report, PAN, GST & other details etc., under "My Space / Other Important Document" option, which can be submitted as per tender requirements. This will facilitate the bid submission process faster by reducing upload time of bids.

19.6 The tender documents may be downloaded from <http://eprocure.gov.in/eprocure/app> till the last date of submission of tender. The Tender must be submitted online through CPP Portal <http://eprocure.gov.in/eprocure/app>

19.7 **The bidder should submit the bid online in two parts viz. Technical Bid and Financial Bid.** Technical Bid in cover-1 & Financial Bid in ".xls" format in Cover-2.

20. Submission of Technical and Financial Bids:

20.1 All pages of the bid (except for un-amended printed literature) shall be initialed by the

- person or persons signing the bid. The bidder's name stated on the proposal shall be the exact legal name of the firm.
- 20.2 Any other condition or guideline for submission of the bids shall be notified by IUCAA if it finds necessary.
- 20.3 IUCAA may, at its discretion, extend the deadline for the submission of bids by amending the bidding documents, in which case all rights and obligations of IUCAA and Bidder previously subject to the deadline will thereafter be subject to the deadline as extended.
- 20.4 At any time prior to the deadline for submission of bids, IUCAA may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, notify changes in the bidding documents through an amendment.
- 20.5 The amendments, if any, shall be notified on the CPP portal and the amendments shall be binding on all the bidders. Hence, the bidders shall view the notification in complete before submitting their bids.
- 20.6 The bidder responding to announcement shall be deemed to have read and understood the documents in complete. Where counter terms and conditions have been offered by the bidder, the same shall not be deemed to have been accepted by IUCAA, unless a specific written acceptance thereof is obtained.

20.7 SUBMISSION OF BIDS:

- i. Bidder should log into CPP Portal well in advance for bid submission so that he/ she upload the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay.
- ii. Bidder should submit the EMD as per the instructions specified in the NIT / tender document. The details of the EMD should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
- iii. While submitting the bids online, the bidder shall read the terms & conditions (of CPP portal) and accept the same in order to proceed further to submit their bid.
- iv. Bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document.
- v. Bidders shall note that the very act of using Digital Signature Certificate (DSC) for downloading the tender document and uploading their offers is deemed to be a confirmation that they have read all sections and pages of the tender document without any exception and have understood the complete tender document and are clear about the requirements of the tender document.
- vi. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- vii. **If price quotes are required in xls format, utmost care shall be taken for uploading Schedule of quantities & Prices and any change/ modification of the price schedule shall render it unfit for bidding.**
Bidders shall download the Schedule of Quantities & Prices, in .xls format and save it without changing the name of the file. Bidder shall quote their rate in figures in the appropriate cells, thereafter save and upload the file in financial bid cover (Price bid) only.
If the template of Schedule of Quantities & Prices file is found to be modified/corrupted in the eventuality by the bidder, the bid will be rejected, including forfeiture of EMD.
The bidders are cautioned that uploading of financial bid elsewhere i.e. other than in cover 2 will result in rejection of the tender.

- viii. Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). **The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.**
- ix. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the bidders shall **take print out of system generated acknowledgement number** and keep it as a record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening.
- x. Bidders should follow the server time being displayed on bidder’s dashboard at the top of the tender site, which shall be considered valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system.
- xi. All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology.
- xii. Technical & Financial bids has to be uploaded on or before **Bid Submission End Date & Time** mentioned in the tender documents.

20.8 Assistance to Bidders:

- 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 contract person indicated in the tender. The contact number for the IUCAA helpdesk is 020-25604134/36 between 10:30 hrs to 17:00 hrs.
- 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 24 x 7 Help Desk Number 0120-4200462, 0120-4001002 and 0120-4001005. The helpdesk email id is support-eproc@nic.in
- iii. All interested eligible bidders are requested to submit their bids online on CPP Portal <http://eprocure.gov.in/eprocure/app> as per the criteria given in this document:
 - a) Technical Bid should be upload online in cover-1.
 - b) Financial Bid should be upload online in cover-2.
 Both Technical and Financial Bid covers should be placed online on the CPP Portal (<http://eprocure.gov.in/eprocure/app>).

20.9 TECHNICAL BID (Cover-1): Signed and Scanned copies of the Technical bid documents as under must be submitted online on CPPP Portal:

<http://eprocure.gov.in/eprocure/app>.

List of Documents to be scanned and uploaded (Under Cover-1) within the period of bid submission Otherwise the tender is liable to be rejected.:

- i. **Scanned Copy of EMD paid receipt / MSE registration certificate (indicating the terminal validity date of their registration)**
- ii. **Scanned copy of duly filled Technical Bid form (Section I) along with supporting documents & commercial / legal terms & conditions with proper seal and signature of authorized person on each page of the bid submitted.**
- iii. **Scanned copy of Completion Certificate of valid registered contractor for One Institutional/ Similar type of SITC of 5 Star Inverter Split AC Project Work of costing not less than Rs. 14.40 Lakhs in last 3 financial years (i.e., 21- 22, 22- 23, 23-24) Or Two Institutional/Similar type of SITC of 5 Star Inverter Split AC**

Project Works of more than 9 Lakhs in last 3 financial years, Or Three Institutional/Similar type of SITC of 5 Star Inverter Split AC Project Work more than 7.20 Lakhs in last 3 financial years from Government / Semi Government /Public sector or reputed private bodies (in **Form I**). The contractor will have to produce a certificate from an officer not below the rank of Deputy Engineer, for the works pertaining to Govt. Dept. or Semi Govt. Institutes / Dept. or equivalent from their respective Heads. **The details of ongoing works (Forms II).**

- iv. Bidder should have Average Annual Turnover (Gross) not less than Rs 35 Lakh on similar works during the immediate last five consecutive years' balance sheets (**i.e., 19-20, 20-21, 21-22, 22-23, 23-24**) duly audited by Chartered Accountant along with income tax returns to be submitted. (**Form III**). The work done certificates issued by Govt./Semi Govt./Reputed private bodies to be attached in support of turnover. The certificate shall have name of work, date of start, date of completion and amount of work done of in last five financial years as above.
- v. **Scanned copy of duly filled Undertaking / Acceptance Letter (Form III).**
- vi. **Scanned copies of the duly filled Declaration Form (Form IV& VI) & Form V.**
- vii. **Scanned copy of valid Dealership Certificate from OEM minimum five years in one brand only.**
- viii. **Scanned copy of Partnership Deed/Certificate of Registration in case of Pvt. Ltd. Company** with list of Directors, their names and address with telephone numbers, if the tenderer is a partnership firm / Pvt. Ltd. Company, Power of Attorney / Resolution of Board of Director's for authorized signatory.
- ix. **Scanned copy of Declaration** regarding any ongoing disputes/litigations (or any history thereof) with respect to any work executed / being executed by the tenderer with details of disputes/litigations, if applicable
- x. **Scanned copy of make of goods/items offered as per approved make list (Annexure - 3).**
- xi. **Scanned copy of Compliance sheet of 5 Star Inverter Split AC (Annexure 1 & 2).**
- xii. **Scanned documents of all eligibility criteria should be attached Copy of work orders, ESI, PF, GST, PAN, Shop Act License, IT returns etc.**

20.10 FINANCIAL BID (Cover-2):

- i. The currency of all quoted rates shall be Indian Rupees.
- ii. In preparing the financial bids, bidders are expected to consider the requirements and conditions laid down in this Tender document. The financial bids should be uploaded online as per the specified **“.xls”** format i.e. Price Bid Excel sheet attached as **‘.xls’** with the tender and based on the scope of work, service conditions and other terms of the tender document. It should include all costs associated with the Terms of Reference/Scope of Work of the assignment.

21. Tender Opening:

- 21.1 IUCAA will open the tenders at the specified date and time and at the specified place as indicated. In case the specified date of tender opening falls on declared holiday or closed day for the purchaser, the tenders will be opened at the appointed time and place on the next working day.
- 21.2 In the case of two-bid system mentioned above, the technical bids are to be opened in the first instance, at the prescribed time and date. These bids shall be scrutinized and evaluated by the competent authority / committee with reference to parameters prescribed in the tender document. Thereafter, in the second stage, the financial bids of only the technically qualified / acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation by giving an advance intimation to the technically successful bidders. IUCAA reserves the

right to select the vendor on the basis of past performance and experience of the firm. The decision of IUCAA shall be final and representation of any kind shall not be entertained on the above. IUCAA shall have no obligation to convey reason for rejection of any bid.

22. Preliminary Scrutiny of Tenders:

22.1 The tenders will first be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the tender enquiry document. The tenders, which do not meet the basic requirements, are liable to be treated as unresponsive and shall be ignored.

22.2 The following are some of the important aspects, for which a tender may be treated to be unresponsive and shall be ignored;

- a) Tender is unsigned incomplete.
- b) Tender is submitted without necessary supporting papers
- c) Tender validity is shorter than the required period.
- d) Required EMD has not been provided/paid.
- e) Bidder has not agreed to give the required performance security.
- f) Bidder has not agreed to essential condition(s) specially incorporated in the tender enquiry.
- g) Tender is conditional tender.

23. Minor Informality /Irregularity /Non-Conformity: If during the preliminary examination, IUCAA finds any minor informality or irregularity or non-conformity in a tender, IUCAA may waive the same, provided it does not constitute any material deviation or financial impact and, also, does not prejudice or affect the ranking order of the bidders. In case, if IUCAA conveys its observation on such 'minor' issues to the bidder by asking the bidder to respond by a specified date, and the bidder does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, such tender will be liable to be ignored.

If IUCAA observed, that contractor had inadvertently missed out to submit some documents asked in the technical bid form, then IUCAA may ask contractor to submit the same. IUCAA may convey its observation on such 'minor' issues to the bidder by registered/speed post/email/fax etc. asking the bidder to respond by a specified date. If the bidder does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, such tender shall be liable to be rejected/ignored.

24. Code of Integrity in Public Procurement; Misdemeanors and Penalties: -

24.1 **Code of Integrity:** Procuring authorities as well as bidders, suppliers, contractors, and consultants - should observe the highest standard of ethics and should not indulge in following prohibited practices, either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:

- (1) **"Corrupt practice"** - making offer, solicitation or acceptance of a bribe, reward or gift or any material benefit, in exchange for an unfair advantage in the Tender Process or to otherwise influence the Tender Process;
- (2) **"Fraudulent practice"** - any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. Such practices include a false declaration or false information for participation in a tender process or to secure a contract or in the execution of the contract;
- (3) **"Anti-competitive practice"** - any collusion, bid-rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the Procuring Entity, that may impair the transparency, fairness, and the progress of the Tender Process or to establish bid prices at artificial, non-competitive

levels;

(4) **“Coercive practice”** - harming or threatening to harm persons or their property to influence their participation in the Tender Process or affect the execution of a contract;

(5) **“Conflict of interest”** – participation by a bidding firm or any of its affiliates who are either involved in the Consultancy Contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if their personnel have a relationship or financial or business transactions with any official of procuring entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the Tender Process or for personal

gain;

(6) **“Obstructive practice”** - materially impede procuring entity’s investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/ or by coercive practices mentioned above, to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the procuring entity’s rights of audit or access to information;

24.2 **Obligations for Proactive Disclosures:**

a) Procuring authorities, bidders, suppliers, contractors, and consultants are obliged under this Code of Integrity to *suo-moto* proactively declare any conflict of interest (coming under the definition mentioned above - pre-existing or as and as soon as these arise at any stage) in any Tender Process or execution of the contract. Failure to do so shall amount to a violation of this code of integrity.

b) Any bidder must declare, whether asked or not in a bid-document, any previous transgressions of such code of integrity during the last three years or of being under any category of debarment by the Central Government or by the Ministry/ Department of the Procuring Organisation from participation in Tender Processes. Failure to do so shall amount to a violation of this code of integrity.

25. **Misdemeanors and Penalties:** The following shall be considered misdemeanors - if a bidder/ contractor either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:

- i. violates the code of Integrity mentioned herein or the Integrity Pact, if included in the Tender/ Contract;
- ii. has been convicted of an offence:
 - a) under the Prevention of Corruption Act, 1988; or
 - b) the Indian Penal Code or any other law for the time being in force for causing any loss of life or property or causing a threat to public health as part of the execution of a public procurement contract.
- iii. It is determined by the Government of India to have doubtful loyalty to the country or national security consideration.
- iv. Employs a government servant, who has been dismissed or removed on account of corruption or employs a non-official convicted for an offence involving corruption or abetment of such an offence, in a position where he could corrupt government servants or employs a government officer within one year of his retirement, who has had business dealings with him in an official capacity before retirement.

26. **Penalties for Misdemeanors:** Without prejudice to and in addition to the rights of the procuring entity to other remedies as per the Tender-documents or the contract, if the procuring entity concludes that a (prospective) bidder/ contractor directly or through an agent has violated this code of integrity or committed a misdemeanor in competing for the tender or in executing a contract, the procuring entity shall be entitled to take appropriate measures, including the following:
- (a) **if his bids are under consideration in any procurement:**
- Enforcement of Bid Securing Declaration in lieu of forfeiture or encashment of Bid Security.
 - calling off of any pre-contract negotiations, and;
 - rejection and exclusion of Bidder from the Tender Process
- (b) **if a contract has already been awarded:**
- Termination of Contract for Default and availing all remedies prescribed thereunder;
 - Encashment and/ or Forfeiture of any contractual security or bond relating to the procurement;
 - Recovery of payments including advance payments, if any, made by the procuring entity along with interest thereon at the prevailing rate (MIBID - Mumbai Interbank Bid Rate);
- (c) **Remedies in addition to the above:** In addition to the above penalties, the procuring entity shall be entitled, and it shall be lawful on his part to:
- File information against Bidder or any of its successors, with the Competition Commission of India for further processing, in case of anti-competitive practices;
 - Initiate proceedings in a court of law against Bidder or any of its successors, under the Prevention of Corruption Act, 1988 or the Indian Penal Code or any other law for transgression not addressable by other remedies listed in this sub-clause.
 - Remove Bidder or any of its successors from the list of registered suppliers for a period not exceeding three years. Suppliers removed from the list of registered bidders or their related entities may be allowed to apply afresh for registration after the expiry of the period of removal.
 - Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.
25. **Opening of Financial bids:**
- 25.1 The Financial bids of all eligible, technically qualified and shortlisted bidders will be opened. The date and time of opening of financial bids shall be informed only to the shortlisted bidders.
- 25.2 IUCAA- reserves the right to accept the offer in full or in parts or reject summarily or partly & cancel the bid without giving any reason.
26. **Bidder's capability to perform the contract:**
- 26.1 IUCAA, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the bidder, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily.
- 26.2 The above-mentioned determination will, inter alia, consider the bidder's financial, professional capabilities for satisfying all the requirements of IUCAA as incorporated in the tender document. Such determination will be based upon scrutiny and examination of all relevant data and details & supporting document submitted by the bidder in its tender as well as such other allied information as deemed appropriate by IUCAA.
27. **Notification of Award:** IUCAA will notify the successful bidder that its tender for SITC of

5 Star Inverter Split AC work, has been accepted. The notification of award shall constitute the conclusion of the contract. IUCAA will inform the successful bidder in due course by e-mail.

- 28. Issue of Contract:** After notification of award, IUCAA will send the duly executed contract/work order to the successful bidder by email/registered/speed post etc. The successful bidder shall return a copy of the order, duly executed and dated, to IUCAA in person / by registered / speed post / courier within fifteen days of receipt of the same from IUCAA, failing which IUCAA may treat the contract to be repudiated.
- 29. Taxes and Duties, Fees etc.:** Bidder shall be entirely responsible for payment of all taxes, duties, fees, levies, applicable cess etc. during the contract period.
- 30. ESI, PF & other regulatory rules & laws:** Agency has to cover his workers & staff under ESI & PF scheme and comply with local laws & statutes dealing with employment of persons necessary reports to be submitted.
- 31. Security Deposit (SD):** SD will be 5 % of the accepted tender value. EMD will be converted in to the SD and balance amount of SD will be recovered from first 4 RA bill in equal installments. Security Deposit will be refunded to the vendor on completion of all contractual obligations including the Defect Liability Period + 60 days.
- 32. Performance Guarantee / Performance Bank Guarantee:** Within 30 days from the date of receipt of letter of intent/Work Order, the successful bidder shall submit a Performance Security for 3% amount of the accepted contract value. The PG shall be paid through NEFT/RTGS/PBG. Photo copy of transaction ID or UTR no. must be provided. In the event of any amendment issued to the contract, the bidder shall, within 30 days of issue of the amendment, furnish the performance guarantee of the corresponding amendment value, rendering the same valid in all respects in terms of the contract, as amended. If bidder fails to submit balance performance guarantee amount within 30 days, from the date of award of Contract / Work Order / Amendment, there shall be a penalty of Rs. 5000/- per day (Rupees Five thousand only per day) up to a maximum of 5% of the WO/Contract value.
- 32.1 Subject to above, IUCAA will release the performance guarantee without any interest to the bidder after satisfactory completion of work.
- 32.2 Failure of the successful bidder in providing performance guarantee and/ or returning contract copy duly signed in terms of GCC above shall make the bidder liable for forfeiture of its EMD and, also, for further actions by IUCAA against it.
- 32.3 If the bidder furnishes Performance Bank Guarantee to IUCAA for an amount equal to three per cent (3%) of the total value of the contract valid up to contract period (satisfactory completion of work), then the amount of Performance Guarantee will be refunded. Performance Bank Guarantee must be issued by a **Nationalized Bank** in India and in the prescribed form.
- 32.4 In the event of any loss due to bidder's failure to fulfill its obligations in terms of the contract, the amount of the performance guarantee shall be payable to IUCAA to compensate for the same. IUCAA shall have the right to deduct full or part of the performance guarantee and shall refund the balance amount, if any, to the Agency on the termination/completion of the term of the Contract.
- 33. Payment:**
- 33.1 The payment will be made as per the exact measurement basis.
- 33.2 Only one final bill after satisfactory commissioning of work. The final bill payment will be made within 30 days after satisfactory completion of the work and certification of bill from estate department. All payments shall be made through RTGS/NEFT/LC.
- 33.3 GST will be paid as per prevailing rates, TDS & other taxes will be recovered as per prevailing rates of Income tax act.

33.4 Payment of Wages and other conditions of employment of workers should be not inferior to as stipulated in the Minimum Wages Act. All formalities and procedures prescribed under the Contract Labour Act, Minimum Wages Act and other related acts should be strictly adhered to IUCAA's responsibility as Principle Employer should be fully protected. The necessary legal registers, forms, returns, and liaison with local (concerned authorities) etc. required as per the law of the land are to be maintained by the Agency and should be made available for inspection by the Inter-University Centre for Astronomy and Astrophysics at any time. The Agency will have its workers covered under ESI, PF and other Acts as applicable from time to time at its own cost.

34. Termination and Penalty/Liquidated Damage (LD): It shall be the primary responsibility of the contractor that work contract is executed as per terms and conditions stipulated under this contract to the complete satisfaction of IUCAA. If the completion of project is delayed beyond stipulated time period, then the penalty shall be applicable at the rate of 0.5% per week of incomplete project cost, up-to maximum of 5% of the work order value. In extreme cases, IUCAA may issue show cause notice to Agency giving 15 (fifteen) days for improvement, failing which the work contract shall be liable to be terminated along with forfeiture of the performance guarantee. Decision of IUCAA in this regard shall be treated as final and binding on the Agency. If the Agency refuses to carry out the work under this contract at any stage before the expiry of the period of contract, the work contract shall be liable to be terminated by IUCAA without giving any notice along with forfeiture of the performance guarantee. In such situations IUCAA may get the work done from any other person/firm at the risk and cost of the Agency till new contract is awarded or 60 days period whichever is earlier. An expenditure so incurred by IUCAA shall be deducted from the payments due to the Agency.

34.1 **Termination for insolvency:** If the bidder is declared by any competent authority/court as bankrupt or otherwise insolvent, the contract shall be deemed to be terminated from the date of such declaration however, such termination will not prejudice or affect the rights and remedies which have accrued and / or will accrue thereafter to IUCAA.

34.2 **Termination for convenience:** IUCAA reserves the right to terminate the contract, in whole or in part, by serving written notice to the bidder at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of IUCAA. The notice shall also indicate inter alia, the extent to which the bidder's performance under the contract is terminated, and the date with effect from which such termination will become effective.

The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the bidder's receipt of the notice of termination may be accepted by IUCAA following the contract terms, conditions and prices. For the remaining goods and services, IUCAA may decide:

- a) to get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
- b) to cancel the remaining portion of the goods and services and compensate the bidder by paying an agreed amount for the cost incurred by the bidder towards the remaining portion of the goods and services.

34.3 IUCAA, reserves the right to terminate the said contract at any time on the ground of ineffective services rendered by the agency. IUCAA will be the sole judge to determine the facts.

35. Force Majeure: Notwithstanding the provisions contained in tender document clauses, the bidder shall not be liable for imposition of any such sanction so long the delay and/or failure of the bidder in fulfilling its obligations under the contract is the result of an event of force

majeure.

- 35.1 For purposes of this clause, force majeure means an event beyond the control of the bidder and not involving the bidder's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to, acts of IUCAA either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, and freight embargoes.
- 35.2 If a force majeure situation arises, the bidder shall promptly notify IUCAA in writing of such conditions and the cause thereof within twenty-one days of occurrence of such event. Unless otherwise directed by IUCAA in writing, the bidder shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.
- 35.3 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of force majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 35.4 In case due to a force majeure event IUCAA is unable to fulfill its contractual commitment and responsibility, IUCAA will notify the bidder accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

36. Settlement of Disputes:

- 36.1 Any dispute arising out of the terms of this contract or in the interpretation of any clause herein shall be settled by mutual discussion between the nominated authorities of IUCAA and the Agency or their authorized representatives. The Director of IUCAA will be the final authority in resolving such disputes.
- 36.2 In the event of a dispute or difference which cannot be resolved by mediation, the same shall be referred to an Arbitration Tribunal consisting of three members. Either party shall give notice to the other regarding its decision to refer the matter to arbitration. Within 30 days of such notice, one Arbitrator shall be nominated by each party and the Umpire Arbitrator shall be nominated by agreement between the parties to this agreement. The venue of the arbitration will be Pune. Subject to the aforesaid, the Arbitration and Conciliation Act, 1996 with amendments and the rules there under and any statutory modification thereof for the time being in force shall apply to the Arbitration proceedings.

37. Governing language: The contract shall be written in English language following the provision as contained in tender document. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written accordingly in English language.

38. Applicable Law: The contract shall be interpreted in accordance with the laws of India.

39. Contacting IUCAA Authorities: No bidder shall contact any of the IUCAA authorities on any matter relating to their bid, from the time of the opening of the bids to the time the contract is awarded.

40. Committee Duly Constituted by IUCAA Reserves the Right to Accept any Bid and to Reject Any or All Bids: A committee duly constituted by IUCAA reserves the right to reject, accept or prefer any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for its actions and decisions. IUCAA also reserves the right to accept any bid in part or split the contract between two or more bidders.

41. Eligibility of bidders from specified countries: Orders issued by the Government of India restricting procurement from bidders from certain countries that share a land

border with India shall apply to this procurement.

- (1) Any bidder from a country that shares a land border with India (<https://mea.gov.in/india-and-neighbours.htm>), excluding countries as listed on the website of the Ministry of External Affairs (<http://meadashboard.gov.in/indicators/92>), to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects (hereinafter called 'Restricted Countries') shall be eligible to bid in this tender only if Bidder is registered (<https://dipp.gov.in/sites/default/files/Revised-Application-Format-for-Registration-of-Bidders-15Oct2020.pdf>) with the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Bidders shall enclose the certificate in this regard from appropriate Government of India authority.

In Bids for Turnkey contracts, including Works contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from such Restricted Countries unless such contractor is similarly registered.

If Bidder has proposed to sub-contract Services or incidental Goods directly/ indirectly from the vendors from such countries, such bidder/vendor shall be required to be registered with the Competent Authority. However, if Bidder procures raw material, components, and sub-assemblies from such countries' vendors, such vendors shall not require registration.

"Bidder from such Restricted Countries" means: -

- (i) An entity incorporated, established, or registered in such a country; or
 - (ii) A subsidiary of an entity incorporated, established, or registered in such a country; or
 - (iii) An entity substantially controlled through entities incorporated, established, or registered in such a country; or
 - (iv) An entity whose beneficial owner is situated in such a country; or
 - (v) An Indian (or other) agent of such an entity; or
 - (vi) A natural person who is a citizen of such a country; or
 - (vii) A consortium/ joint venture where any member falls under any of the above (2) the beneficial owner shall mean:
- (a) In a company or Limited Liability Partnership, the beneficial owner is the natural person(s). Whether acting alone or together or through one or more juridical persons, controlling ownership interest or exercises control through other means.
- Explanation-*
- "Controlling ownership interest" means ownership of or entitlement to more than twenty- five percent of the company's shares or capital or profits.
- "Control" shall include the right to appoint a majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder agreements or voting agreements;
- (b) In the case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together or through one or more juridical persons, has ownership of entitlement to more than fifteen percent of capital or profits.
- (c) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- (d) Where no natural person is identified under (a) or (b) or (c) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
- (e) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

42. Public Procurement (Preference to Make in India), Order 2017:

This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and subsequent amendments to the order. Accordingly, preference will be given to the Make in India products while evaluating the bids, subject to technically qualifying & meeting the Institute's technical requirements. However, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order and the quality as mentioned in the tender in the technical bid itself.

- a) IUCAA Pune shall compare all substantially responsive bids to determine the lowest valued bid. This Institute is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P45021/2/2017-B.E.II dated 15th June 2017 and its subsequent amendments. Accordingly, preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself.
- b) As per the above order and its subsequent amendments "Local Content" means the amount of value added in India which shall be value of the item procured (excluding net domestic indirect taxes) minus the value of the imported content in the item (including all the custom duties) as a proportion of the total value, in percent. Accordingly, the suppliers will be classified in following categories.
 - i. **Class I local Supplier – has local content equal to more than 50%**
 - ii. **Class II local Supplier – has local content more than 20% but less than 50%**
- c) **Verification of Local Content:** The Class I Local Supplier /Class II Local Supplier/Non-Local Supplier at the time of bidding shall be required to indicate the percentage of local content and provide self-certification that the items offered meet the local content requirement. The details of the location(s) at which the local value addition is made also needs to be specified.
- d) **Procedure for Purchase Preference to 'Class-I local supplier' in procurement of goods or works which are divisible in nature: NOT APPLICABLE FOR THE SUBJECT TENDER**
 - i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
 - ii) If L1 bid is not a 'Class-I local supplier', 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price for the remaining 50% quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
 - iii) In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly.
 - iv) In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- e) **Procedure for Purchase Preference to 'Class-I local supplier' in procurement of goods or works which are not divisible in nature and in procurement of**

goods/services/works where the bid is evaluated on price alone: APPLICABLE FOR THE SUBJECT TENDER

- i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- ii) If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- iii) In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly.
- iv) In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.

In case of procurement in excess of Rs.10 crores, the suppliers shall be required to provide the certificate from the statutory auditor or cost auditor of the company giving the percentage of local content.

Note: In case a complaint is received by the procuring agency or the concerned Ministry/Department against the claim of a bidder regarding local content/ domestic value addition in an electronic product, the same shall be referred to STQC.

Any complaint referred to IUCAA PUNE shall be disposed of within 4 weeks. The bidder shall be required to furnish the necessary documentation in support of the domestic value addition claimed in an electronic product to IUCAA PUNE. If no information is furnished by the bidder, such laboratories may take further necessary action, to establish the bonfides of the claim.

A complaint fee of Rs.2 Lakh or 1% of the value of the domestically manufactured electronic products being procured (subject to a maximum of Rs. 5 Lakh), whichever is higher, to be paid by Demand Draft to be deposited with IUCAA PUNE. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law. The bidders can be debarred for a period up to two years as, per Rule 151(iii) of GFR 2017, in case of false declaration.

SECTION-III
**GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF
BIDDERS (FORM B-2)**

ITEM RATE TENDER AND CONTRACT FOR WORKS

Name of Work: "SITC of 5 Star Inverter Split AC Work at IUCAA Pune."

GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF CONTRACTORS

1. All works proposed to be executed by contract shall be notified in a B-2 (Item rate) form of invitation to tender pasted on a board hussng up in the office IUCAA, Pune - 7.
This form will state the work to be carried out as well as the date for submitting and opening tenders, and the time allowed for carrying out the work, also the amount of the EMD to be deposited with the tender and the amount of security deposit to be deposited by the successful tenderer, and the percentage, if any, to be deducted from bills. It will also state whether a refund of a quarry fees, royalties, dues and ground rents will be granted. Copies of the specifications, designs and drawings, estimated rates, scheduled rates and any other documents required in connection with the work shall be signed by the IUCAA for the purpose of identification and shall also be open for inspection to contractors at the office of the Estate Manager office during office hours.
Where the works are proposed to be executed according to the specifications recommended to a contractor and approved by a competent authority on behalf of the IUCAA, Pune such specifications with designs and drawings shall form part of the accepted tender.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof, and in the event of the absence of any partner, it shall be signed his behalf by a person holding a **power of attorney** authorizing him to do so.
3. The IUCAA authority competent to dispose of the tender shall have the right of rejecting all or any of the tender.
4. No receipt for any payment, alleged to have been made by a contractor in regard to any matter relating to his tender or the contract, shall be valid and binding on IUCAA of Pune unless it is signed by the Estate Manager.
5. All works shall be measured net by standard measures and according to the rules and customs of the Public Works Department and their rates shall be without references to any local custom.
6. Under no circumstances shall any contractor be entitled to claim enhanced rates for any items in this contract.
7. All corrections and additions or pasted slips should be initialed.

8. The measurements of work will be taken according to the usual methods as in use in P.W.D. Red Book / I.S. Codes and no proposals to adopt alternative methods will be accepted. The Engineer-in-charge decision as to what is the usual method in use in the Department will be final.
9. Successful tenderer will have to produce PAN Card, GST certificate issued by Income Tax Department otherwise their R.A. Bills will not be paid by the IUCAA, Pune
10. The contractor will have to construct shade for storing controlled and valuable materials brought by the contractor at the work site, having double locking arrangements at contractor's cost. The materials will be taken for use in the presence of the departmental person. No material will be allowed to be removed from the site of works.
11. The contractor will have to make his own security arrangement for the protection of material and the equipment. The owner security arrangement for the protection of material and the equipment. The owner /IUCAA will be not responsible for any theft.
12. Tap off's for temporary water and electricity shall be provided on site at single source (free of cost). The Contractor shall make its own arrangement thereafter from the Tap off's for Works and all costs in relation thereto shall be borne solely by the Contractor.

CONDITIONS FOR COVID & MALARIA ERADICATION ANTI MALARIA AND OTHER HEALTH MEASURES

- a. The anti-malaria and other health measures shall be as directed by the Joint Director (Malaria and Filarial) of Health Services, Pune.
- b. The contractor shall see that mosquito-genic conditions are not created so as keep vector population to minimum level.
- c. The Contractor shall carry out anti -malaria measures in the area as per guidelines prescribed under National Malaria Eradication Programme and as directed by the Joint Director (Malaria and Filarial) of Health Services, Pune.
- d. In case of default in caring out prescribed anti-malaria measures resulting in increase in malaria incidence, contractor shall be liable to pay to IUCAA the amount spent by the IUCAA on anti-malaria measures to control the situation in addition to fine.
- e. Contractor is expected to follow all guidelines of measures towards COVID prevention as per State and Central government guidelines, to be included in the quoted rates. No extra charges will be paid towards above measures.

QUALITY ASSURANCE AND MAINTENANCE

To ensure the specified quality of work which shall also include necessary surveys, temporary works etc., and the contractor shall prepare a quality assurance plan and get the same approved from the **Engineer-in-charge** within eight days from the date of work order. For this, contractor shall submit an organization chart of his technical personnel to be deployed on the work along with their qualification, job descriptions defining the functions of reporting, supervising inspecting and approving. The contractor shall also submit a list of tools, equipment's and the machinery and instrumentation which he proposes to use for the

construction and for testing in the field and/or in the laboratory and monitoring. The contractor shall modify/supplement the organization chart and the list of machinery, equipment etc. as per the direction of the Engineer-in-charge and shall deploy the personnel and equipment on the field as per the approved chart and list respectively. The contractor shall submit written method statements detailing his exact proposals of execution of the work in accordance with the specifications. He shall get these approved from the **Engineer-in-charge**. The quality of the work shall be properly documented through certificates, records, check-lists and logbooks of results etc. Such records shall be compiled from the beginning of the work and be continuously updated and supplemented and this shall be the responsibility of the contractor. The contractor shall prepare detailed completion shop/GA drawings. He shall also prepare and submit maintenance manual giving procedure for maintenance, with the period of maintenance works including inspections, tools and equipment to be used, means of accessibility for all parts of the structure. He shall also include in the manual, the specifications for maintenance work that would be appropriate for his design and technique of construction. This manual shall be submitted within the contract period.

SECTION-IV

TECHNICAL SPECIFICATIONS

The split A.C. unit shall be of hiwall type and shall consist of:

- (i) Indoor unit with copper cooling coil, drain tray / connection and the blower
- (ii) Outdoor unit with the compressor and air-cooled condenser.
- (iii) Interconnecting piping with suction line insulation and controls.
- (iv) Cordless remote
- (v) MS Stand

The unit shall have hermetically sealed inverter rotary compressor with suction cooled motor and complete with overload protection. The condenser shall be liberally designed with sub-cooling of liquid refrigerant to reduce possibility of motor burn out. The cooling coil shall consist of staggered rows of expanded copper tubes with aluminum fins to ensure efficient heat transfer. The blower shall be statically and dynamically balanced for quiet and efficient operation and shall have 4/5 speed motor.

The indoor shall be exposed type high wall mounted type as specified. The desirable features of the room air conditioners split type shall be –

- (i) High-energy efficiency.
- (ii) Good performance at high ambient temperature and high RH conditions.
- (iii) Good quality filtration with an easily accessible air filter.
- (iv) Suitable for operation from 220 V to 240 V A.C. Single Phase power supply.
- (v) Weather proof construction
- (vi) Convenient control system and quiet operation
- (vii) Swing type airflow.
- (viii) Cordless Remote for control with display.

1.1.2.2 Condenser:

Condenser shall be air-cooled type, suitable for outdoor installation and shall be suitable for operating at 47 deg C db and 24 deg C wb temperatures. Condenser shall be in copper tube & aluminium fin construction. Condenser coil shall be of minimum 3 rows and the FPI shall be minimum 18. The maximum face velocity across the coil shall not exceed 215 MPM. The condenser frame shall be constructed from heavy duty galvanized steel.

The condenser fan/s shall be of propeller type with 900 RPM variable voltage electric motor complete with IP-55 protection. Motor shall be speed controlled to ensure a stable operation for varying ambient, by a factory fitted direct acting head pressure activated variable speed drive. The condenser shall be complete with provisions for refrigerant piping connections, shut off valves and any other standard accessories necessary with the equipment supplied.

1.1.3 Anti-Corrosion Protective Treatment Associated with Condensing Units, Piping, Joints and U bends & Refrigerant Piping between Outdoor and Indoor Units.

All interconnecting piping, joints and U bends within the condensing unit shall be painted with two coats of clear transparent polymer coating for protection against corrosion from ambient air pollution. Two coats of protective coating shall be applied. Each coat shall have dry film thickness of 35 micron or more.

The coating shall be strong, flexible and durable. It shall have good adhesive and abrasion resistance. It shall be resistant to moisture, UV, acid, alkali and other chemicals and capable of

functioning between -250 C and 1500 C.

The polymer shall be obtained by the mixing of base / monomer with a hardener/polymerizer. It may brush applied or with the use of a suitable gun.

1.2 Refrigerant Piping :

The copper refrigerant piping shall be carried out neatly to connect outdoor and group of indoor units and shall run along with wires/cables. The refrigerant piping shall be carried out using hard drawn copper pipes & readymade copper fittings for pipe diameter exceeding 19mm. Piping less than 19mm shall be carried out using soft seamless copper pipes. Joints shall be affected by soldering/brazing process using silver rods. Suitable sleeves shall be provided at all wall crossings as required. The refrigerant circuit shall include liquid line and gas shut-off valves besides solenoid valve at the end of condenser.

The refrigerant piping shall be carefully sized with necessary headers and should consist of accessories including Y-joints. After the refrigerant piping installation has been completed, the refrigerant piping system shall be pressure tested using nitrogen at pressure holding of 150 PSI for 3 minutes, followed by an increase in pressure to 325 PSI for holding for 5 minutes, and finally an increase in pressure to 600 PSIG and holding for 24 hours. Pressure shall be maintained in the system for 24 hours. The system shall then be evacuated to minimum vacuum equivalent to 700mm Hg and held for another 24 hours prior to commencement of gas charging.

All refrigerant pipes shall be properly supported and anchored to the building structure using steel hangers, anchors, brackets and supports which shall be fixed to the building element by means of inserts or expansion shields of adequate size and number to support the load imposed thereon. The liquid and suction refrigerant lines including all fittings, valves, strainer etc. shall be insulated with 13 mm thick closed cell elastomeric insulation material preferably in tubing form as specified in Schedule of Quantities.

To protect nitrile rubber insulation associated with exposed copper piping from degrading due to ultra violet rays & atmospheric conditions, it shall be covered with poly shield coating. Fiberglass tape shall be helically wrapped & applied with two coats of resin with hardener to give smooth finish.

Interconnecting piping between evaporator and condensing units as per site requirement insulated suction line & liquid line for all the circuits of one machine. The suction lines shall be insulated with closed cell Nitrile rubber tube insulation.

1. Agency has to carry out the work as per the specification given in the Boq and as per instructions of IUCAA Engineers from time to time.
2. Agency has to quote their rates in the given format only. The quoted rates should be inclusive of all material, labour, transport and all the taxes.
3. Given quantities in the Bill of Quantities are approximate.
4. Agency has to clean the working area day to day after completion of every days work.
5. Water and Electricity will be provided free of cost by IUCAA.
6. No advance shall be paid. Final bill will be prepared after the completion of the entire work.
7. Agency has to complete the work within 3 weeks of time from the date of issue of work order / purchase order.
8. Please note that any formalities regarding the labour license, insurance etc. are entirely Vendor's responsibility.

9. Any damages during the work will be recovered from the bidder's bill amount.
10. Attach authorised dealership certificate of AC manufacturer. Only offers from authorised dealers of air conditioning manufacturer will be considered. The offers received from unauthorised dealers / firms will be rejected.
11. Every statement made in the tender should be supported by documentary proof for consideration.
12. Otherwise the tender is liable to be rejected. Attach the product brochure of the machine offered.
13. Please support Work in hand and completed work information with copy of the Purchase/ Work order from the client.

Note:

1. All incoming power with earthing up to Indoor/sOutdoor units to be provided at respective locations.
2. Standard supporting structure for Condensing Units and specified RMT of piping per machine to be provided by HVAC contractor as part of respective item.
3. Quoted price should be inclusive of all taxes (GST, Transport, Loading, Unloading, Mathadi etc.)
4. Final Bill will be paid as per actual measurement.
5. Necessary charge of oil and refrigerant gas as required up to handling over & defects liability period of the system.

LIST OF APPROVED MAKES

Sr. No.	Name of Item	Approved Makes
1	MCB Distribution Boards	Wipro/ North West/Siemens / ABB
2	Air Circuit Breaker (ACB)	Siemens-3WL /Legrand- DMX3/ L& T-Omega
3	MCCB/MCB	Siemens /ABB/ L& T/ North West
4	Switch Fuse Units	Siemens /ABB/ L& T/ North West
5	Contactors and Starters	L&T / Siemens / ABB
6	Refrigerant Pipes	Mandev / Nippon / Totaline
7	Split AC (Indoor & Outdoor)	Mitsubishi Heavy/Carrier/Toshiba/ O
8	Fresh / Exhaust Air Centrifugal Fans	Kruger
9	Y or T- Joints/ Refnet	Mitsubishi Heavy/Carrier/Toshiba/ O
10	UPVC Pipes & Fittings	Astral/Finolex/Ashirwad
11	GSS sheets/ Steel Angles/Channels	Jindal/ SAIL-Bhilai/ TATA
12	Prefabricated GS Ducts	SA Spiro/ ASAWA/ Rolastar/ Ductofab
13	Duct Silencers	Cosmos/ Ruskin/ George-Rao/ Dynacraft
14	Insulated flexible ducts	Twiga/ ATCO/ K-flex
15	Glass wool (Fibre Glass)	Twiga/ Kimmco/ Owens-Corning
16	Nitrile Rubber	Analco/ Aeroflex/ K-Flex
17	Cold Compound / CPRX Compound	Shalimar/ Shalicoat / Pidilite
18	Vibration Isolators/Cushy Foot Mounts	Dunlop/ Resistoflex/ Kanwal
19	Exhaust Disc Valves and Door Transfer Grill	Cosmos//Ruskin/ George-Rao/ Dynacraft
20	Air Filters, Micro Filters	Camfil-Farr/ Aspen/ AAF/ Dyna Filters
21	Balancing Valves	Advance/ Danfoss/ Belimo/ Audco
22	Duct Thermal Insulation	Thermobreak/ K-Flex/ Trocellen
23	Dampers, Louvers, Motorised Dampers	Cosmos/ Ruskin/ George-Rao/ Dynacraft
24	Grills, Diffusers, Al. Box Type Dampers	Cosmos/ Ruskin/ George-Rao/ Dynacraft
25	Indicating Lamps	L&T / Technic
26	Hardware	Sundaram/ GKW/ Fit tight
27	Anchor Fasteners	Hilti / Shakti
28	Paints	Nerolac, Asian, Berger
29	Welding Rods	ESAB/ Advani-Orlecon
30	PVC Pipes & Accessories	Finolex/Astral/Ashirwad/Supreme

31	ELCB/RCCB/RCBO	Siemens /ABB/ L& T/ North West
32	Push Buttons	L&T / Technic
34	Fuses & Fuse bases	L&T / Siemens /ABB
35	Indicating / Measuring Instruments	Conzerv/ HPL/ Secure/ L&T
36	Terminals	Elmex / Connectwell
37	LT Cables/Wires	Finolex / RR Kables /Gloster
38	Timer	L&T/ABB/Minilec
39	Cable Glands Single/Double	Braco / Dowells / Commet
40	PVC rigid conduits & Accessories	Precision/ Astral
41	Bi-metalic Crimping Type Lugs	Dowells
42	Cable Trays / Wireways	Cablofil / Profab / Shruti

Note: Bidder must highlight make of goods/items offered as per approved make list.

SEAL & SIGNATURE OF BIDDER

Annexure-2

<u>Datasheet of 1.5 TR Inverter Split AC (To be filled in by Bidder)</u>			
Sr. No.	Description	Required - System Parameters	To be filled by the Bidder
1	Type of Split AC	5 Star, Inverter	
2	Make of Split AC	Mitsubishi Heavy / Carrier / Toshiba / O General	
3	Model Name / Number of Split AC		
4	Cooling Capacity in TR	TR	
5	Full Load Power Input (100% Load)	Not more than 1265 Watt	
6	BEE Star Rating	5 Star	
7	ISEER Value	Should be above 5.12	
8	Power Supply	220-240V /Single Phase/50 Hz	
9	Refrigerant	R-410a/R32	
10	Factory Pre-Charge	Yes, Required	
11	Refrigerant Gas Pressure	Psi	
12	Indoor Noise Level (High/Medium/Low)	Note more than 45/42/39	
13	Indoor Fan Motor Speed Stages	Minimum 4	
14	Moisture Removal Rate	Not less than 2 Kg/Hr	
15	HD Filter PM 2.5 Micron	Yes, Required	
16	Air Flow rate	Not less than 575 CFM	
17	Remote Operation	Remote Operation should be possible	
18	Remote Backlit	Yes, Required	

19	Auto Off Timer	Yes, Required	
20	Auto On Timer	Yes, Required	
21	Sleep Mode	Yes, Required	
22	Double Drain for easy installation	Yes, Required	
23	Auto Restart	Yes, Required	
24	Dimensions in MM (LXWXH)	Indoor/Outdoor	
25	Weight (Kg) - Indoor/Outdoor	Kg	
Evaporator			
1	Type		
2	Material		
3	Anti-Corrosion Coating Required	Yes, Required	
Condenser			
1	Condenser Type / Tube Material	Inner Groove Type / Copper Tube	
2	Fins Material	Aluminum	
3	Number of Rows	Minimum 3	
4	FPI	Minimum 18	
5	Number of Tubes		
Condenser Fan			
1	Type / Drive	Propeller / Direct	
2	Blade Material		
3	Motor Poles		
4	Fan Motor Wattage	Watt	
Compressor			
1	Type of Compressor	DC Inverter Rotary	
2	Compressor Capacity in TR	TR	

3	IP	IP55	
4	Insulation Grade	F	
5	Flow Control	EXV	
6	In built Protection Devices	High Pressure Switch	
7		Low Pressure Switch	
8		Thermal Proctector	
9		Overload Protector	
10	Compressor Warranty in Years	Required minimum 10 Years	
11	PCB Card Warranty in Years	Required minimum 5 Years	
12	Standard Warranty	01 Year	

NOTE: 1) The bidder should fill-in all the data in above format only. If above required data is not filled properly or partially filled tender shall be liable to rejection.

NOTE: 2) OFFERS with "INCOMPLETE INFORMATION" ARE LIABLE TO BE REJECTED, which may be noted.

Seal & Signature of Bidder

Annexure-3

<u>Datasheet of 2 TR Inverter Split AC (To be filled in by Bidder)</u>			
Sr. No.	Description	Required - System Parameters	To be filled by the Bidder
1	Type of Split AC	5 Star Inverter	
2	Make of Split AC	Mitsubishi Heavy / Carrier / Toshiba / O General	
3	Model Name / Number of Split AC		
4	Cooling Capacity in TR	TR	
5	Full Load Power Input (100% Load)	Not more than 1500 Watt	
6	BEE Star Rating	5 Star	
7	ISEER Value	Should be above 5.05	
8	Power Supply	220-240V /Single Phase/50 Hz	
9	Refrigerant	R-410a/R32	
10	Factory Pre-Charge	Yes, Required	
11	Refrigerant Gas Pressure	Psi	
12	Indoor Noise Level (High/Medium/Low)	Note more that 47/44/39	
13	Indoor Fan Motor Speed Stages	Minimum 4	
14	Moisture Removal Rate	Not less than 2.4 Kg/Hr	
15	HD Filter PM 2.5 Micron	Yes, Required	
16	Air Flow rate	Not less than 700 CFM	
17	Remote Operation	Remote Operation should be possible	
18	Remote Backlit	Yes, Required	
19	Auto Off Timer	Yes, Required	
20	Auto on Timer	Yes, Required	

21	Sleep Mode	Yes, Required	
22	Double Drain for easy installation	Yes, Required	
23	Auto Restart	Yes, Required	
24	Diamensions in MM (LXWXH)	Indoor/Outdoor	
25	Weight (Kg) - Indoor/Outdoor	Kg	
Evaporator			
1	Type		
2	Material		
3	Anti-Corrosion Coating Required	Yes, Required	
Condenser			
1	Condenser Type / Tube Material	Inner Groove Type / Copper Tube	
2	Fins Material	Aluminum	
3	Number of Rows	Minimum 3	
4	FPI	Minimum 18	
5	Number of Tubes		
Condenser Fan			
1	Type / Drive	Propeller / Direct	
2	Blade Material	SAN	
3	Motor Poles		
4	Fan Motor Wattage	Watt	
Compressor			
1	Type of Compressor	DC Inverter Rotary	
2	Each Compressor Capacity in TR	TR	
3	IP	IP55	
4	Insulation Grade	F	

5	Flow Control	EXV	
6	In built Protection Devices	High Pressure Switch	
7		Low Pressure Switch	
8		Thermal Protector	
9		Overload Protector	
10	Compressor Warranty in Years	Required minimum 10 Years	
11	PCB Card Warranty in Years	Required minimum 5 Years	
12	Standard Warranty	01 Year	
<p>NOTE: 1) The bidder should fill-in all the data in above format only. If above required data is not filled properly or partially filled tender shall be liable to rejection.</p>			
<p>NOTE: 2) OFFERS with "INCOMPLETE INFORMATION" ARE LIABLE TO BE REJECTED, which may be noted.</p>			
<p>Seal & Signature of Bidder</p>			

FORM - I

DETAILS OF WORKS OF ALL SIMILAR TYPE AND MAGNITUDE CARRIED OUT BY THE
CONTRACTOR (REFER ELIGIBILITY CRITERIA (SECTION II – Point No. 3) OF **COMPLETED
WORKS**)

(DETAILS OF PROJECTS SHALL BE FILLED IN THE CHART AS PER REQUIREMENT WITH PROOF)

NAME OF THE CONTRACTOR:

Sr. No.	Name of work	Name and address of the organization from whom the work was done	Place and Country	Agreement No.	Date of commencement	Tendered cost (In Lakhs)	Total cost of work done (In Lakhs)	Date of Completion	Principle Features in brief
1	2	3	4	5	6	7	8	9	10
1									
2									
3									
4									
5									

Signature of Contractor

Note: - This is only a standard form. Details are to be furnished in this format in the form of type written statements which shall be scanned and attached in COVER No. I. The work done certificates shall be attached in support of the works claimed in this form. The work done certificates shall be duly signed by the officer not below the rank of Deputy Engineer.

FORM - II

STATEMENT SHOWING **ON-GOING WORK** OF SITC OF VRV AC SYSTEM WORK
(DETAILS OF PROJECTS SHALL BE FILL IN THE CHART AS PER REQUIREMENT WITH
PROOF)

NAME OF CONTRACTOR :-

Sr. No.	Name of work	Amount Put to Tender/ Tendered cost	Agreement No.	Date of Commencement and Date of Completion (if work completed) (Rs. In Lakhs)	Amount of work still remaining to be executed (Rs. In Lakhs)	Remarks
1	2	3	4	5	11	12
1						
2						
3						
4						
5						
6						
Grand Total						
Annual Turnover						

Signature of Contractor

Note: - This is only a standard form. Details are to be furnished in this format in the form of type written statements which shall be scanned and attached in COVER No. I. The work done certificates shall be also attached in support of the works claimed in this form. The work done certificates shall be duly signed by the officer not below the rank of Deputy Engineer.

UNDERTAKING / ACCEPTANCE

(On non-judicial stamp paper worth Rupees 100/- and notarized)

1. I, _____ son/ daughter/ wife of
Shri.

Proprietor / Director / authorized signatory of the Company / Firm mentioned above, is
competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and
undertake to abide to them.
3. The information / documents furnished along with the above tender form are true and
authentic to the best of my knowledge and belief. I am well aware of the fact that furnishing
of any false information
/ fabricated document would lead to rejection of my tender at any stage besides liabilities
towards prosecution under appropriate law.

Place: Pune

Authorised Signatory

Date:

Sign and Seal

DECLARATION

(On non-judicial stamp paper worth Rupees 100/- and notarized)

1. We are not involved in any major litigation that may have any impact of affecting or compromising the delivery of services as required under this tender.
2. We are not black-listed by any Central / State Government / Public Sector Undertaking in India.
3. I/ We hereby declare that I/ We have read and studied in detail the all instructions and conditions of this Contract in the above Clauses, and understood the scope of the project/ work and my/our fundamental duties and responsibilities under this Contract. I/ We unconditionally accept and agree to abide by them.

Yours faithfully,

(Signature of the Authorized person)

Date:

Name:

Place:

Designation:

Seal:

Self-Certification regarding Local Content (LC) for Goods, Services or Works (to be provided on the letter head)

Date:

I _____ S/o, D/o, W/o, Resident of _____ do hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of IUCAA Pune issued vide Tender Enquiry No. dated

That the information furnished hereinafter is correct to best of my knowledge and belief and I undertake to produce relevant records before the procuring authority or any authority nominated by IUCAA, Pune for the purpose of assessing the LC.

That the LC for all inputs which constitute the said Goods /Services/Works has been verified by me and I am responsible for the correctness of the claims made therein.

That in the event of the LC of the Goods/Services/Works mentioned herein is found to be incorrect and not meeting the prescribed LC norms, based on the assessment of an authority nominated by IUCAA, Pune and I will be liable as under clause 9(f) of Public Procurement (Preference to Make in India) Order 2017.

I agree to maintain all information regarding my claim for LC in the Company's record for a period of 2 years and shall make this available for verification to any statutory authorities:

- i. Name and details of the Local Supplier:
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued:
- iii. Product for which the certificate is produced:
- iv. Procuring agency to whom the certificate is furnished:
- v. Percentage of LC claimed:
- vi. Name and contact details of the unit of the manufacturer:

For and on behalf of _____ (Name of firm/entity) Authorized signatory (To be duly authorized by the Board of Directors)
<Insert Name, Designation and Contact No.>

Note: Please refer point 42(e) of Section-II.

NO RELATIONSHIP CERTIFICATE

(On Company Letterhead)

I/We hereby certify that I/We* am/are* related/not related (*) to any officer of IUCAA Pune. (If related provide the details of the employee)

I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture security deposit and I/We* shall be liable to make goods the loss or damage resulting from such cancellation.

I//We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Authorized Signatory Name:

Designation:

Contact No.:

Date:

Place:

EMD REFUND REQUEST

(To be printed on Letterhead)

To
Estate Manager
Inter-University Centre for Astronomy &
Astrophysics, Post Bag - 4, Ganeshkhind,
Pune University Campus,
Pune - 411007.

Sub: - Request for refund of EMD deposited for tender for "SITC of 5 Star Inverter Split AC work at IUCAA Pune."

Sir,

I/We request you that EMD deposited by me/us against the tender above tender for "SITC of 5 Star Inverter Split AC work at IUCAA Pune.", may kindly be refunded.

Yours faithfully,

(Signature of the Authorized Person)

Date:

Name:

Place:

Designation:

Seal:

TENDER ACCEPTANCE LETTER
(To be given on Bidder's Letter Head)

To,

Date:

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: - _____

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender document (including all documents like annexure(s), schedule(s), etc.), and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by IUCAA too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and, in the event, that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
7. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017: We certify as under:
"We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries, and solemnly certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that:
 - i. *we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). and;*
 - ii. *we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.*

Yours Faithfully,
(Signature of the Bidder, with Official Seal)