



TENDER FOR

"ANNUAL OPERATION AND MAINTENANCE OF AIR-CONDITIONING PACKAGE UNITS AND COMPREHENSIVE MAINTENANCE OF OTHER INDIVIDUAL AC UNITS AT HARISH-CHANDRA RESEARCH INSTITUTE, CHHATNAG ROAD, JHUNSI, PRAYAGRAJ -211 019"

PART- 1 (TECHNICAL BID)

TENDER NOTICE NO. HRI/01/2021

Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

Inviting Tender for

ANNUAL OPERATION AND MAINTENANCE OF AIR-CONDITIONING PACKAGE UNITS & COMPREHENSIVE MAINTENANCE OF OTHR INDIVIDUAL AC UNITS AT HARISH-CHANDRA RESEARCH INSTITUTE, CHHATNAG ROAD, JHUNSI, ALLAHABAD -211 019

Bid Reference No. : NIT – HRI/01/2021

Last date and time for submission of bids : 15.02 2021 up-to 1100 Hrs.

Date and time of opening of Bid : 15.02.2021 up-to 1130 Hrs.

Place of Opening of Bids : Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj-211019

The dates for submission and opening of the tender mentioned above are final. In case some other dates for these are mentioned elsewhere in the tender document, the above shall prevail over them.

Address for any clarification/communication : Mr. Ajay Srivastava SO-C,

0532-2274333, ajay@hri.res.in),

Mr. Manish Sharma SO-E, 0532-227 4358, manish@hri.res.in)

ENGINEERING SECTION.

HARISH-CHANDRA RESEARCH INSTITUTE, PRAYAGRAJ

This document contains: 18 Pages

It will be the responsibility of the bidders to check website *http://www.hri.res.in* for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly.

Sd/-Seal & Signature of Registrar

Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

Name of work: "Annual Operation and maintenance of Air-conditioning Package units & Comprehensive maintenance of other individual AC units" at Harish-Chandra Research Institute, Prayagraj

Tender Notice No.: HRI/01/2021

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# **Harish-Chandra Research Institute**

Chhatnag Road, Jhunsi, Allahabad

## **Check list**

Sl. No.	Description	Party has to specify whether they have submitted the relevant details with their technical bid in YES or NO
1.	Proof of average annual turnover(Ref. point no. 5a of terms & conditions)	
2.	Experience of having successfully completed works(Ref. point no. 5b of terms & conditions)	
3.	Attested copy of PAN & GST(Ref. point no. 5c & 6 of terms & conditions)	
4.	Earnest Money Deposit of Rs. 30,500/(Ref. point no. 10 of terms & conditions)	

Signature of the tenderer Address & Seal

# **SECTION - I**

# NOTICE INVITING TENDERS

#### HARISH-CHANDRA RESEARCH INSTITUTE

CHHATNAG, ROAD, JHUNSI, PRAYAGRAJ - 211 019

#### TENDER NOTICE NO. HRI/01/2021

On behalf of the Director, Harish-Chandra Research Institute, sealed tenders are invited (in Two bids) from eligible Firms up-to 11.00 a.m. on 15.02.2021 and only technical bid shall be opened at 11.30 a.m. on the same day for the work of "Annual Operation and maintenance of Air-conditioning Package units & Comprehensive maintenance of other individual AC units" at Harish-Chandra Research Institute, Prayagraj

<b>Estimated Cost</b>	EMD	Performance Security	Security Deposit	<b>Tender Cost</b>
Rs. 15.25 lakhs	Rs. 30,500/-	@ 3% of tendered amount	@ 5% of tendered amount	Rs. 590/-

Interested parties may collect the Tender documents from the Accounts Officer, HRI on recommendation of Engineer, HRI on payment of tender cost (non Refundable) in cash from **22.01.2021** to **12.02.2021** during working days (11.00 a.m. to 4.00 p.m.).

The party may also download the tender document from HRI web-site address: http://www.hri.res.in. In that case they have to submit a Demand draft of the tender cost alongwith the technical bid of the tender.

Director, HRI reserves the right to accept or reject any or all the Tenders without assigning any reason.

*Sd/-* **Registrar**HRI, Prayagraj

**SECTION - II** 

**TERMS & CONDITIONS** 

#### **TERMS & CONDITIONS**

Following instructions should be strictly followed while submitting your tender.

- 1. Your offer should valid for a period of **120 days** from the date of opening of technical bid.
- 2. Please note that your tender will not be considered unless it is received in sealed envelope super scribed with tender number and due date. It should be put in the Tender Box kept at Reception of Institute building, Harish-Chandra Research Institute at Chhatnag Road, Jhunsi, Prayagraj 211 019.
- 3. Deadline for receipt of tenders (Part-1 & Part-2) is **11.00 a.m.** on or before **15.02.2021.** Late submission will not be entertained on any account. Part-1 (Technical bid) and part-2 (Price bid) will be in two separate envelop.
- 4. The Part–I of tender will be opened at the above office at **11.30 a.m.** on **15.02.2021** and your authorised representatives can be present at the time when the tenders are so opened and opening time of Part-2 (Price Bid) will be intimated later on to qualified bidder of Part-1 only. If on the day of opening of tender, holiday is declared in HRI then tender will be opened on next working day at same time.
- 5. Tenderer has to submit the following with technical bid for evaluation of their bid (Part-1).
  - a. Proof of average annual turnover of not less than Rs. 15.00 lakhs during last three years ending 31.03.2020
    - (i) Year 20017-2018
    - (ii) Year 2018-2019
    - (iii) Year 2019-2020
  - b. Experience of having successfully completed works during last seven years ending. 14.02.2021. The party has to submit work order copy, Performance and completion certificate of the concerned work:
    - ➤ 3 similar works completed costing not less than Rs. 6.0 lakhs each OR
    - ➤ 2 similar works completed costing not less than Rs. 9.0 lakhs each OR
    - ➤ 1 similar works completed costing not less than Rs. 12.0 lakhs

Similar work shall mean: Operation and maintenance of Air conditioning units. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of application for tenders.

One completed similar work (either part of (b) or a separate one) costing not less than Rs. 6.0 lakhs with some Central/State Government Organization/Central Autonomous Body/Central Public Sector undertaking during last seven years ending 14.02.2021.

- c. Full address of firm along with /Telephone no./Fax no./E-mail address:
- d. Attested copy of PAN
- 6. The party should be registered under GST, EPF & ESI. They have to submit a proof of Registration with their technical bid otherwise they will not be considered in this tender.
- 7. If the bidders do not submit the required document/details with their bids then Institute may ask the bidders to submit the details/documents after opening of their bids. However, if three or more bidders are qualifying in the tender then bidders will not be asked to submit the details after opening of their bid.
- 8. If bidder do not quote rate of any item under schedule of quantities or left the rate column blank then their bid will be treated as unresponsive & not be considered.

- 9. In case the contractor leaves the work or shows unwillingness to do work within stipulated contract period then EMD, Performance security & Security money deposited by party will be forfeited to HRI.
- 10. A deposit at call Receipt or Demand Draft/FDR of scheduled Bank guaranteed by the Reserve Bank of India for the **Earnest Money Deposit of Rs. 30,500/-** in favour of Registrar, HRI, Prayagraj is to be enclosed with the Tender Document (part-1) at the time of submission. In reference of letter no. F.9/4/2020-PPD Govt. of India, Ministry of Finance, Micro and small Enterprises (MSEs) and the firms registered with HRI are exempted from submission of Bid Security. However, if they withdraw or modify their bids during period of validity of tender etc. then they will be suspended for participating in any tender of HRI for minimum two years or decided by competent authority from the date of opening of concerned tender. The tender of parties submitted without EMD or supporting document for exemption criteria of EMD shall be rejected.
- 11. An amount equal to 5% of tendered value towards Security Deposit shall be recovered. This amount will be recovered @ 10% from your each bill till the amount deducted is equal to concerned security deposit amount. The security money will be returned after 03 months from the date of completion of work and submission of certificate by contractor that there is no statutory liability (taxes etc.) due on him for this work. In addition the contractor shall be required to deposit an amount equal to 3% of the tendered value of the contract as performance security (in the form of Demand Draft/FDR/B.G. of scheduled Bank guaranteed by the Reserve Bank of India) within the period prescribed for commencement of the work in the letter of award issued to contractor and will be released alongwith the final bill. A draft of B.G. for performance security is given (ref. page no. 11, however, some changes in this format may be made by Competent authority of HRI at time of award of LOI).
- 12. As the nature of work is maintenance type therefore party has to attend any problem at the earliest within 48 hours. If parties do not attend the problem within the period (without any justified reason and accepted by competent authority of HRI) then penalty @ 0.5% per week of order value will be imposed till the period when problem is resolved. During this period payment will also not be paid for concerned default unit. The rate of unit will be calculated on pro-rata basis based on total capacity of units under relevant part of schedule of quantities. If it is found that contractor is not taking interest for addressing the problem deliberately then contract may be terminated also and in the case EMD & Security deposit may be forfeited.
- 13. The schedules of quantities are having three parts. The no. of AC units in each part may also be increased or decreased. In that case payment will be made on pro-rata (per ton) basis by converting whole amount of concerned parts by total tonnage capacity in respective part.
- 14. The financial bid will be opened only of the qualified bidder under technical bids.
- 15. Evaluation criteria of lowest bidder The bidder will be finalized based on their total lowest quoted amount both first & second year AMC under (Part-A+ Part-B +Part-C).
- 16. Tender containing erasures or alterations will not be considered. Any printed condition provided by the bidders will not be accepted by HRI.
- 17. You shall in separate sheet to the tender, furnish in case you are a partnership firm of joint Hindu family concern, the names and full particulars of the partners of the members of the joint Hindu family owning the concern. The tender must be signed by the authorized person only (Proprietor/power of attorney/By all partners etc. as applicable).
- 18. Party has to ensure gate entry (at Security gate, HRI) for any material before bringing at site. In this connection, they have to submit challan copy of materials in Engineering office at HRI for records.
- 19. Contractor has to make their own arrangement for staying their labourers as Institute will not allow any labourers inside the campus after working period.
- 20. **Payment terms:** Quarterly advance payment as per work order value may be released against equal amount of Bank Guarantee. The party may claim GST if applicable in this work with their bill. Institute will pay the amount for GST. However, the liability of depositing tax (GST) to concerned Department will be totally on the contractor. If contractor is unable to pay BG/ other security against advance then payment will be released after completion of each quarter of work.
- The party should make all their staff payment as per minimum wages with all other statutory liability like EPF & ESI etc.

- 22. In case any discrepancy between terms & conditions and General condition of tender then terms & condition of tender shall take precedence.
- 23. Procedure for dealing with ambiguities in rates: That if on check there are differences between the rates given by the contractor in words and in figures or in amount worked out by him, the following procedure shall be followed:
  - a. When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the contractor shall be taken as correct.
  - b. When the amount of an item is not worked out by the contractor, or if it does not correspond with the rates written either in figures or in words, then the rate quoted by the contractor in words shall be taken as correct.
  - b. When the rate quoted by the contractor in figures and in words tallies, but the amount is not worked out correctly, the rates quoted by the contractor shall be taken as correct and not the amount.
- 24. Party has to submit a letter with their technical bid that they have gone through the specification of the work as mentioned in schedule of quantities of financial bid and they will follow the same if work is awarded to them. In case of any deviation, they should clearly mention in the letter.
- 25. The Contractor shall agree and undertake to totally indemnify HRI against all expenses, claims, payments, dues, fines, penalties, compensations, liabilities, and losses whatsoever which the HRI may suffer due to the default, violations, omissions thefts, or non-compliance of the statutory and/or contractual obligations committed by the Contractor or its employed. The HRI shall also have the right to deduct and recover all such losses and expenses etc. from any payments due to the Contractor besides seeking appropriate legal remedies for the balance amount or relief, if any.
- 26. All labour regulation applicable by the central Labour Commissioner of Govt. of India shall be adhered to strictly.
- 27. The period of contract is for two years. However, initially it will be awarded for one year & based on satisfactory performance it may be renewed for another year with a condition regarding increase or decrease in quantity of work during the working period.
- 28. Don't detach any paper from the tender document and put the signature at all the papers of the tender document.
- 29. For any information/clarification in this tender, you may contact Engineering Section, HARISH-CHANDRA RESEARCH INSTITUTE, during office hrs. (10.00 a.m. to 4.30 p.m.) on any working days.
- 30. Decision of the Director of the Institute will be final & binding to all concerned.
- 31. Director, Harish-Chandra Research Institute reserves the right to reject any or all tenders without assigning any reason whatsoever. Harish-Chandra Research Institute would not be under any obligation to give any clarifications to those contractors whose tenders have been rejected.
- 32. All disputes will be subject to Allahabad jurisdiction.

Note: The contractor acknowledge that he has satisfied himself as to the nature and location of the work before submitting the tender.

#### DECLARATION BY THE CONTRACTOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 32. This is also certified that I/We/our principal manufacturing firms have no objection in signing the contract if the opportunity for the items against this tender is given to me/us.

Date:	Signature:
Address:	Name:
	Designation:
	On behalf of company Seal:

#### DRAFT FORMAT OF B.G. FOR PERFORMANCE SECURITY

To, The Director
Harish Chandra Research Institute, Chhatnag Road, Jhunsi,
Prayagraj (Allahabad)-211019
Dear Sir,
WHEREAS <name (or="" agency="" authorized="" bidders="" by="" designation="" director="" holds="" its="" managing="" of="" person="" provider="" represented="" service="" the="" whatever=""> havin administrative Office at) (hereinafter called "Service Provide Agency") has undertaken a job in pursuance of Work Order No HRI/ dated202 and subsequent contract dated for "Annual Operation and maintenance of Air-conditioning Package units &amp; Comprehensive maintenance of other individual AC units" at Harish Chandra Research Institute (HRI), Prayagraj (Allahabad), an Institution under administrative control of Department of Atomic Energy, Government of India herein after called "the Contract".</name>
AND WHEREAS it has been stipulated by you in the said Contract that the Service Provide Agency shall furnish you with a bank guarantee by a Nationalised/Scheduled Commercial Bank for the sum specified therein as performance security for compliance with its obligations in accordance with the Contract;
AND WHEREAS we have agreed to give the supplier such a bank guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Service Provider Agency, up to a total of <b>Rs.</b> ( <b>Rs</b> only) which shall be referred to a 'amount of guarantee', and we undertake to pay you, upon your first written demand declaring the Service Provider Agency to be in default under the contract and without cavil or argument, any sum of sums within the limits of (amount of guarantee i.e. <b>Rs.</b> ) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.
We hereby waive the necessity of your demanding the said debt from the Service Provide Agency before presenting us with the demand.
We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between you and the Service Provider Agency shall in any way release us from any liability under this guarantee and whereby waive notice of any such change, addition or modification.
This Guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of M/s
This guarantee shall be valid until the <dd 11="" and="" as="" be="" clause="" conditions="" date="" defined="" mm="" of="" per="" td="" tender<="" terms="" to="" yyyy).="" {this=""></dd>
(Signature of the authorized officer of the Bank
Name and designation of the office
Name and designation of the office

Seal, name & address of the Bank and address of the Branch

#### Scope of work & other condition

#### Scope of work - For Part- A

- (i) Contractor shall attend any break down calls free of charge during working hours.
- (ii) Contractor shall periodically check & service the plant in every three months and monitor the performance of pumps, compressor, motors, etc., and defective parts will be serviced/replaced.
- (iii) Contractor shall check the performance for blower motors, check and adjust the belt tensions.
- (iv) Contractor shall clean and service the electrical panel board (Inside the package units) and clean all contact points and tighten any loose connections. Defective parts if any shall be replaced.
- (v) Contractor shall provide all consumables like refrigerant gas, compressor oil, fuses and other electrical control components like relays, overload, selector switches, rubber belts & bearing etc.
- (vi) Contractor shall overhaul the plant once in a year preferably during winter months.
- (vii) Cooling Tower will be serviced & attended to and contractor will clean the pump, filters and nozzles etc.
- (viii) Contractor shall de-scale the condensers twice in a year by de-scaling solutions.
- (ix) Repair/Replacement of compressor, Motor & Filters etc.
- (x) Contractor shall clean the Air filters, water tank on regular basis.
- (xi) Replacement of strip heaters.
- (xii) Critical spares inventory will be maintained by the contractor as per HRI requirements.
- (xiii) Replacement of Evaporator coils.

#### Scope of work - For Part- B & C

- a. Routine cleaning of the machine filter
- b. Replacement of all the required parts including compressor etc.
- c. Replacement and top-up of cooling Gas as and when required.
- d. Service engineer has to visit minimum once in a week for routine check of machine & on call basis.
- e. Two essential services of each machine will be required, one at the time of starting the contract and second at the time of closing the summer season.

#### **Other condition**

- 1. Any kind of civil/masonry work support will be provided by HRI:
- 2. The staff to be engaged by the contractor shall have minimum qualification as below. The staff to be engaged at site inconsideration of two shift operation of plant. However, operation time may be changed as per requirement therefore contractor has to engage their suitable manpower accordingly.

#### **SUPERVISOR:**

Should have B-tech in Electrical/Mechanical with 3 years' experience in similar type of work or 3 years Diploma in Electrical/Mechanical and specialization in Refrigeration and Ac's with 5 years' experience similar type of work. The supervisor will be engaged in general shift (for 8 hours).

#### **OPERATORS:**

Should have 2 years ITI or equivalent certificate in Refrigeration and Air conditioning and minimum 05 years' experience to run the similar type of AC plants. Two operators will be engaged. Each in one shift (8 hours).

#### **HELPER:**

Should have at-least 10th std. pass and knowledge & minimum 3 years' experience in handling of Electrical and Ac's equipment (parts and equipments). Helper will be engaged in general shift (for 8 hours)

- 3. Any damage or injury to the person so deployed by the contractor or by other persons and any damage to the property within the HRI due to negligence of contractor or his representative shall be sole responsibility of the contractor.
- 4. Any lapse on the part of the tenderer/agency in the discharge of their duties which may result in monetary loss or loss of reputation to HRI will result in imposition of penalties at the discretion of the competent authority.
- 5. In case of any dispute/difference arising out of the terms and conditions mentioned above, the same should be referred to the Director HRI whose decision shall be final.
- 6. Contractor should make all their staff payment as per minimum wages through the account payee cheque only.
- 7. Contractor will insure that disbursement of staff payment will be done before 7th of every month.
- 8. Before quoting the rate Tenderer/agency are advised to visit the sites at HRI, Allahabad and acquaint themselves for the existing electrical fittings/fixtures/ installations/lights etc. at all premises.
- 9. The contractor shall provide uniform having badge indicating name of person on duty to all the staff deployed by him.
- 10. HRI will not provide any residential accommodation for the contract personnel for their stay at Allahabad. They should make their own arrangement for their stay at Allahabad
- 11. Any incident mishap of staff on duty shall be contractor's responsibility.

# Detail of package Air-conditioning units to be maintained under part -A Library Building:

Number of package units and description:

#### **Ground Floor:**

Description	Qty.	Capacity
a. Blue Stat Ltd. make package unit capacity-10TR comprising 02 nos. of compressors, condensing coils, evaporation coils, filters, blowers, electrical and control systems heaters.	04 Nos.	40 TR
b. M/s Feeders Lloyd make capacity-15TR package unit comprising 03 nos. of compressor, condensing coils, evaporation coils, filters, heaters, fan blowers and control & electrical circuits.	01 No.	15 TR

#### **First Floor:**

control systems heaters	Total (Ground & F	irst floor)	95 TR
Blue Star Ltd. make package unit capacity-10 TR comprising 02 Nos. of compressors, condensing coils, evaporation coils, filters, blowers, electrical and control systems heaters			40 TR

#### Cooling towers and water circuits for condensing system:

01 no. 175 TR FRP Cooling Tower with water circuit and 2 nos. water circulation pumps complete for library building.

#### Annexure-B

#### Detail of other individual AC units to be maintained under - Part -B

Sl. No.	Description	Qty.	Capacity
1	Tower AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are not more than 5 years	4 Nos.	12 TR
2	Tower AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years	16 Nos.	48 TR
3	Tower AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are more than 10 years & less than 15 years	5 Nos.	15 TR
4	Tower AC of capacity 3.7 TR (Make: Daikin). Procurement period of concerned AC's are not more than 5 years	02 Nos.	7.4 TR
5	Tower AC of capacity 3.7 TR (Make: Daikin). Procurement period of concerned AC's are more than 5 years & less than 10 years	05 Nos.	18.5 TR

concerned AC's are more than 10 years & less than 15 years.  Water cooler of capacity 2TR (Make: LG) Procurement period of concerned Cooler are not more than 5 years  Water cooler of capacity 2TR (Make: LG) Procurement period of concerned Cooler are more than 10 years & less than 15 years	02 Nos. 03 Nos.	04 TR 06 TR
concerned AC's are more than 10 years & less than 15 years.  Water cooler of capacity 2TR (Make: LG) Procurement period of concerned	02 Nos.	
Split AC of capacity 1.5 TR (Make: Blue Star). Procurement period of	16 Nos.	24 TR
Split AC of capacity 1.5 TR (Make: Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.	04 nos.	06 TR
Window AC of capacity 1.5 TR (Make: LG, Blue star, carrier & Samsung). Procurement period of concerned AC's are more than 10 years & less than 15 years.	20 Nos.	30 TR
Split AC of capacity 2.0 TR (Make: Blue star). Procurement period of concerned AC's are more than 10 years & less than 15 years.	21 Nos.	42 TR
Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.	15 Nos.	30 TR
Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are not more than 5 years.	10 Nos.	20 TR
Cassette AC of capacity 2.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years	02 Nos.	4 TR
Cassette AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years	03 Nos.	09 TR
Cassette AC of capacity 4.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years	02 Nos.	08 TR
	Cassette AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years  Cassette AC of capacity 2.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are not more than 5 years.  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.  Split AC of capacity 2.0 TR (Make: Blue star). Procurement period of concerned AC's are more than 10 years & less than 15 years.  Window AC of capacity 1.5 TR (Make: LG, Blue star, carrier & Samsung). Procurement period of concerned AC's are more than 10 years & less than 15 years.  Split AC of capacity 1.5 TR (Make: Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.	Cassette AC of capacity 3.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years  Cassette AC of capacity 2.0 TR (Make: LG). Procurement period of concerned AC's are more than 5 years & less than 10 years  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are not more than 5 years.  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.  Split AC of capacity 2.0 TR (Make: LG & Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.  Split AC of capacity 2.0 TR (Make: Blue star). Procurement period of concerned AC's are more than 10 years & less than 15 years.  Window AC of capacity 1.5 TR (Make: LG, Blue star, carrier & Samsung). Procurement period of concerned AC's are more than 10 years & less than 15 years.  Split AC of capacity 1.5 TR (Make: Hitachi). Procurement period of concerned AC's are more than 5 years & less than 10 years.

# Annexure-C

# Detail of other individual AC units to be maintained under part -C

### **Cluster area**

Sl. No.	Description	Qty.	Capacity
1	Ductable AC of capacity 17.0 TR (Make: Carrier). Procurement period of concerned AC's are less than 10 years	02 Nos.	34 TR

# PART-2 FINANCIAL BID

# Name of work: "Annual Operation and maintenance of Air-conditioning Package units & Comprehensive maintenance of other individual AC units" at Harish-Chandra Research Institute, Prayagraj

### **Schedule of quantities**

Item Description		ty. Unit	Annual maintenance charge for one year including all taxes (except GST) Amount in words & figure		
			Rs.	Ps.	
First year AMC					
Part-A					
Annual Operation & comprehensive maintenance charge for Air-conditioning Package unit of Library building having capacity (95 TR) with Cooling Tower & other accessories/equipments. Detail of plant mentioned under Annexure-A.	1	Job			
Part-B					
Annual comprehensive maintenance charge for other individual AC units (Tower AC, Cassette AC, Split AC & Window AC). The total capacities of all individual AC units are around 267 TR. Detail mentioned under Annexure-B.	1	Job			
Part-C					
Annual Operation & comprehensive maintenance charge for Air-conditioning Ductable unit of Cluster area having capacity (34 TR) & other accessories/equipments. Detail of plant mentioned under Annexure-C.	1	Job			
Total amount (Part-A+ Part-B +Part-C)					

Item no.	Item Description	Qty.	Unit	Annual maintenance charge for one year including all taxes (except GST)  Amount in words & figure  Rs. Ps.	
Second ye	ear AMC				
Part-A					
Annual Operation & comprehensive maintenance charge for Air-conditioning Package unit of Library building having capacity (95 TR) with Cooling Tower & other accessories/equipments. Detail of plant mentioned under Annexure-A.		1	Job		
Part-B					
Annual comprehensive maintenance charge for other individual AC units (Tower AC, Cassette AC, Split AC & Window AC). The total capacities of all individual AC units are around 267 TR. Detail mentioned under Annexure-B.		1	Job		
Part-B					
Annual Operation & comprehensive maintenance charge for Air-conditioning Ductable unit of Cluster area having capacity (34 TR) & other accessories/equipments. Detail of plant mentioned under Annexure-C.			Job		
Total amount (Part-A+ Part-B +Part-C)					

- 1. Party should quote their rate including all charges and **taxes** (**except GST**). The party may claim GST if applicable in this work with their bill. Institute will pay the amount for GST. However, the liability of depositing tax (GST) to concerned Department will be totally on the contractor.
- 2. Evaluation criteria of lowest bidder The bidder will be finalized based on their total lowest quoted amount both first & second year AMC under (Part-A+ Part-B +Part-C).

Signature of Tenderer Address & Seal