



हरिश्-चन्द्र अनुसंधान संस्थान  
Harish-Chandra Research Institute

**TENDER FOR**

**COMPREHENSIVE ANNUAL MAINTENANCE OF AIR COOLERS AT**  
**HRI, PRAYAGRAJ -211 019**

**TENDER NOTICE NO. HRI/28/2025**

# Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

## Inviting Tender for

### **COMPREHENSIVE ANNUAL MAINTENANCE OF AIR COOLERS AT HRI, PRAYAGRAJ**

Bid Reference No. : NIT – HRI/28/2025

Last date and time for submission of bids : 06.10.2025 up-to 1100 Hrs.

Date and time of opening of Bid : 07.10.2025 up-to 1200 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.*

1. Tenders should be submitted only through CPP portal and obtain the Tender Acknowledgement copy as a proof of successful submission. For instruction of online bid submission, please ref. page – 03.
2. The details of tender notification can be downloaded from “<https://eprocure.gov.in/eprocure/app>”.
3. Tender documents for viewing only are also available on HRI web-site address: [www.hri.res.in/tenders](http://www.hri.res.in/tenders)

Address for any clarification/communication : Mr. Ajay Srivastava SO-C,  
0532-2274333,  
([ajay@hri.res.in](mailto:ajay@hri.res.in)),  
Mr. Manish Sharma SO-E,  
0532-227 4358,  
([manish@hri.res.in](mailto:manish@hri.res.in))  
*ENGINEERING SECTION,*  
HARISH-CHANDRA RESEARCH  
INSTITUTE, PRAYAGRAJ

***This document contains : 20 Pages***

It will be the responsibility of the bidders to check website [www.hri.res.in](http://www.hri.res.in) & CPP portal 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

## **Instructions for Online Bid Submission**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: **<https://eprocure.gov.in/eprocure/app>**

### **REGISTRATION**

Bidders are required to enroll on the E-Procurement module of the Central Public Procurement Portal (**URL: <https://eprocure.gov.in/eprocure/app>**) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III certificates with signing key usage) issued by any certifying Authority recognized by CCA India (eg. Sify / nCode / eMudhra etc.) with their profile. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead for misuse. Bidder then logs in to the site through the secured log-in by entering their user ID/password and password of the DSC/e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

There are various search options built in the CPP portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization Name, Form of Contract, Location, Date, other keywords etc. to search for a tender published on the CPP Portal. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS/email in case there is any corrigendum issued to the tender document. The bidder should make a note of the unique tender ID assigned to each tender; in case they want to obtain any clarification/help from the Helpdesk.

### **PREPARATION OF BIDS**

Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid: Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

**Harish-Chandra Research Institute**  
*Chhatnag Road, Jhunsi, Prayagraj*

**Name of work: “Comprehensive annual maintenance of Air coolers” at HRI, Prayagraj**

**Tender Notice No.: HRI/28/2025**

**I N D E X**

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**SECTION - I**

**NOTICE INVITING TENDERS**

**HARISH-CHANDRA RESEARCH INSTITUTE**  
**CHHATNAG, ROAD, JHUNSI, PRAYAGRAJ – 211 019**

**TENDER NOTICE NO. HRI/28/2025**

E-tender in two bids system are invited on behalf of the Director, Harish-Chandra Research Institute from eligible electrical contractors up-to **11.00 a.m.** on **06.10.2025** and only technical bid shall be opened on **07.10.2025** at **12.00 p.m.** for the work **“Comprehensive annual maintenance of Air coolers at HRI, Prayagraj.**

| Estimated Cost | EMD          | Performance Security    | Security Deposit           |
|----------------|--------------|-------------------------|----------------------------|
| Rs. 6.2 lakh   | Rs. 12,400/- | @ 5% of tendered amount | @ 2.5% of work order value |

**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**

E-tender in two bids system is invited from eligible contractors for “***Comprehensive annual maintenance of Air coolers at HRI, Prayagraj***”

***Following instructions should be strictly followed while submitting your tender.***

1. The bid submitted by the bidders should be valid for a period of 180 days from the date of the opening of technical bid. However, the bidder to whom work will be awarded, their bid will be considered valid till execution of contract agreement.
2. Deadline for receipt of tenders (Part-1 & Part-2) is **11.00 a.m.** on or before **06.10.2025**. Late submission will not be entertained on any account.
3. The Part-I of tender will be opened at the above office at **12.00 p.m.** on **07.10.2025** and your authorized 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.
4. Account payee demand draft, fixed deposit receipt, banker's cheque from any of the Commercial Banks guaranteed by the Reserve Bank of India for the **Earnest Money Deposit of Rs. 12,400/-** in favour of Registrar, HRI, Prayagraj. No exemption for EMD will be entertained. The tender of parties submitted without EMD shall be rejected. The EMD should be valid for a period 45 days beyond the validity period (90 days) of the tender. Bidder should prepare the EMD as mentioned above. The scanned copy of EMD should be uploaded with tender document. The original should be put in Tender box kept at Reception of Institute building, HRI, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, 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.
5. Following document/details is to be submitted by tenderer with their technical bid.
  - a. Party should have average annual turnover for works not less than Rs. 6.2 lakhs during last three years ending 31.03.2025. They have to submit document related to turnover and profit & loss statement as a proof. The document should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.
    - (i) Year 2022-2023
    - (ii) Year 2023-2024
    - (iii) Year 2024-2025
  - b. Profile of firm including name of owner, official telephone no./ e-mail address:
  - c. Copy of PAN & GST registration certificate
  - d. The applicant should have valid Solvency of Rs. 2.5 lakhs certified by his bankers
  - e. Experience of having successfully completed works during last seven years ending day before opening of technical bid. The party has to submit work order copy, Performance and satisfactory completion certificate of the concerned work.
    - (i) Three (03) similar works completed costing not less than Rs. 2.5 lakhs each  
OR  
Two (02) similar works completed costing not less than Rs. 3.7 lakhs each  
OR  
One (01) similar works completed costing not less than Rs. 5.0 lakhs

and

- (ii) **One completed similar work** (either part of (i) or a separate one) costing not less than Rs. 2.5 lakhs with some Central/State Government Organization/Central Autonomous Body/Central Public Sector undertaking during last seven years ending day before opening of technical bid.

**Similar work shall mean:** Electrical work related to installation/maintenance. 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 submission of tender. If in a composite work there is portion of surveillance work of concerned amount then it may also be considered.

The performance for each work completed in the last seven years should be certified by an officer not below the rank of Executive Engineer or equivalent.

- f. List of works in hand & List of similar works carried out by them for last 7 years indicating; i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.
  - g. Tender acceptance letter (ref. annexure-I) mentioned on page no. 12
  - h. List of construction plant, machinery, equipment's, accessories & infrastructure facilities possessed by the agency to complete the work in time.
  - i. List of technical staff possess and proposed to deploy for this work.
6. **If the party does not fulfill the criteria of turnover, solvency, work experience, registration under GST and Tender acceptance letter as mentioned above in point no. 5 then 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 the contractor fails to execute and complete the work otherwise fail to comply with any of the terms and conditions of this order, then the Institute shall be at liberty without avoiding this order forthwith, to require the contractor to remove his workmen from the site and to take the work out of the hands of the contractor and to employ any other person to execute and use all materials, tools, scaffolding, plants, implements and things on or about the work, and thereafter neither the contractor nor his workman shall have any power to intervene with any person employed by the Institute. All expenses and damages to property incurred by the institute, consequent on the employment and certified by Engineer-in-charge and shall be paid to the Institute by the contractor or deducted by the Institute from any money due to or to become due to the contractor.
9. Party should quote their rate inconsideration of required material, labour, tools & plants, scaffolding etc. and taxes in the SOQ. The rate quoted by party will be considered as fixed and no other charges will be paid.
10. 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 & shall not be considered.
11. The period of contract is for three years. Initially it will be awarded for one year & based on satisfactory performance it may be renewed for next two year as per tender condition.
12. The contractor will have to take all measures at their own cost related to safety of workers during execution of work.
13. The contractor will have to arrange all the required tools and scaffolding which are required to maintenance of cooler like Safety Belt, Safety Cap, Ladder, A-Ladder, Rope, Clamp etc. Institute will not be liable to provide any tools and material to the contractor.
14. If the Government imposes any new taxes on this concerned nature of work after issuing the work order then same may be reimbursed to party if they submit the relevant proof of that.

15. There is total approximately 200 nos. coolers. There may be chances that out of whole quantities of coolers some coolers will not be in serviceable condition but it will be known during maintenance of its. The payment will be made based on actual quantities of maintenance of coolers.
16. The estimated cost shown in the NIT is only for the one year.
17. The lowest bidder will be decided based on over all quoted amount for 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year.
18. The applicable labour cess related to this work will be deducted from the bill amount.
19. Neither the security deposit nor the retention money shall bear any interest.
20. Incomplete tenders are liable to be rejected.
21. The contractor shall, at all times, take due and proper precautions against accidents or injury to the work or any person or property, and shall indemnify the company for all motions suits or any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the contractor or not.
22. Any condition imposed by the party in this tender at their own will not be considered. There will no liability of HRI to take any clearance from party in that regard.
23. The tenders submitted by fax/email will not be considered. No further correspondence will be entertained on this matter.
24. The contractor shall not assign or sublet the contract for the work of any part thereof.
25. The contractor shall allow the Engineer-in-charge or their representative to inspect and supervise the work during its progress.
26. The contractor shall, at his own expenses, within one week from the completion date, remove all tools, plants, scaffoldings, implements and unused materials from the site and leave the same in a clean and proper state, to the satisfaction of the Engineer-in-charge.
27. 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.
28. An amount equal to 2.5% of order value towards Security Deposit shall be recovered from the bills amount up-to 1<sup>st</sup> year. The security money will be returned after completion of work and submission of certificate by contractor that there is no statutory liability (taxes etc.) due on him for this work. If the party deposit equal amount of security money in the form of FDR/BG then required security money may be adjusted or released on the request of party. In addition, the contractor shall be required to deposit an amount equal to 5% of the order 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 7 days from the date of award of letter of intent. If the performance security is not submitted by the contractor within stipulated period, then a penalty @0.1% per day of performance security will be imposed. The performance security will be released after completion of work along with the final bill. A draft of B.G. for performance security is given (ref. page no. 14, however, some changes in this format may be made by Competent authority of HRI at time of award of LOI).
29. **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.**
30. All labour regulation applicable by the central Labour Commissioner of Govt. of India shall be adhered to strictly.
31. **Payment terms:** Payment will be made based on actual executed/utilized quantities as per schedule of quantities (SOQ). Payment for item no. 1 under SOQ for general maintenance will be paid 75% after execution of item & 25% after regular maintenance. For other items 100% after execution of work.

32. If the rate quoted by party for 2<sup>nd</sup>/3<sup>rd</sup> year is abnormally low as compare to 1<sup>st</sup> year rate then annual payment will not be released more than 1/3 of total amount of AMC for all three years.
33. The staff of the Contractor deployed for operation/repair/maintenance work in the HRI, shall be the employee of the Contractor and at no time will be treated as employee of the Institute, nor will they ever claim to be employee of the Institute during the contract or thereafter.
34. The Contractor shall provide the required services through men of integrity and good character only. In case any thing is found to be otherwise, the Contractor will be responsible for the consequences.
35. In the event of any loss, theft or damage to HRI's properties due to negligence, carelessness, dereliction of duty directly or indirectly on the part of the technician /staff of the Contractor, the loss will be made good by the Contractor. However, the Contractor will be given opportunity to represent his case before a final decision is taken.
36. As the nature of work is maintenance type therefore party have to attend any problem within 24 hours after getting information for complaint from concerned HRI official. If complaint is not attended in time then penalty will be imposed @0.25% of order value per week per complaint till failure is rectified. In addition payment will also be deducted on pro-rata basis for the period in which services are suffered. If it is found that contractor is not taking interest for addressing the problem in time regularly then the contract may be terminated also and, in that case, EMD & Performance security will be forfeited.
37. For any information/clarification in this tender, you may contact Engineering Section, HARISH-CHANDRA RESEARCH INSTITUTE, during office hrs. (9.00 a.m. to 5.30 p.m.) on any working days.
38. Decision of the Director of the Institute will be final & binding for all concerned.
39. 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.
40. All disputes will be subject to Allahabad jurisdiction.
41. The contractor will have to supply new and good quality of materials as per given specification under schedule of quantities (Price bid). In case of doubt related to any supplied material by the contractor, testing of material may be get done by any agency and for this the cost involved will be borne by contractor. If it is found that contractor has deliberately supplied the defective/wrong material then their tender may be cancelled. In this case, EMD & Security amount of contractor will be forfeited and they also be debarred for minimum period of five year (or as decided by the competent authority, HRI) to participate in any tender of HRI

**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 41. 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:

|                                                                                                          |
|----------------------------------------------------------------------------------------------------------|
| <b>Party should sign this page alongwith stamp and attach scan copy of this with their technical bid</b> |
|----------------------------------------------------------------------------------------------------------|

**TENDER ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

Date:

To,

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**Sub: Acceptance of Terms & Conditions of Tender.**

**Tender Reference No:** \_\_\_\_\_

**Name of Tender / Work: -**

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**Dear Sir,**

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

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**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 documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.**

**3. The corrigendum(s) issued from time to time by your department/ organisation 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 by any Govt. Department/Public sector undertaking.**

**6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation 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.**

**Yours Faithfully,**

**(Signature of the Bidder, with Official Seal)**

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

To,

**The Director**

Harish Chandra Research Institute,  
Chhatnag Road, Jhansi,  
**Prayagraj (Allahabad)-211019**

Dear Sir,

WHEREAS \_\_\_\_\_ <name of the service provider agency / bidder>, represented by its Managing Director (or whatever designation authorized person holds) having administrative Office at \_\_\_\_\_) (hereinafter called "Service Provider Agency") has undertaken a job in pursuance of Work Order No HRI/\_\_\_\_\_ dated \_\_\_\_\_ 2021 and subsequent contract dated \_\_\_\_\_ for "Annual Operation and maintenance of Air-conditioning Package units & 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**".

AND WHEREAS it has been stipulated by you in the said Contract that the Service Provider Agency shall furnish you with a bank guarantee by a Nationalized/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 **Rs. ----- (Rs. ----- only)** which shall be referred to as '*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 or sums within the limits of (amount of guarantee ie **Rs. -----**) 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 Provider 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 we hereby 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/mm/yyyy). {This date to be defined as per clause 11 of Terms and Conditions of tender

.....  
(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

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

## **SECTION - III**

### **PART-2**

### **FINANCIAL BID**

### Schedule of quantities

**Tender Inviting Authority: Director, Harish-Chandra Research Institute**

**Name of Work: Comprehensive maintenance of Air coolers at HRI, Prayagraj**

**Contract No: HRI/28/2025**

**Name of the Bidder/ Bidding Firm / Company:**

**PRICE SCHEDULE**

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

| NUMBER #             | TEXT #                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NUMBER # | TEXT # | NUMBER #                                                                                 | NUMBER #                                                | TEXT #                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------|
| Sl. No.              | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quantity | Units  | RATE (including all taxes) In <b>Figures</b> To be entered by the Bidder in <b>Rs. P</b> | <b>TOTAL AMOUNT INCLUDING ALL TAXES</b> in <b>Rs. P</b> | <b>TOTAL AMOUNT</b> In Words |
| 1                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4        | 5      | 13                                                                                       | 53                                                      | 55                           |
| <b>1. First year</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |        |                                                                                          |                                                         |                              |
| 1.1                  | Comprehensive maintenance of Desert Air coolers will be in two parts (General and Regular maintenance)                                                                                                                                                                                                                                                                                                                                                              | 200      | Each   |                                                                                          | <b>0.00</b>                                             | INR Zero Only                |
| 1.2                  | General maintenance: Cooler body, Internal & External painting with Enamel paint, number writing, Oiling & Greasing of fan motor, minor repairing of cooler tank including replacement of grass of good quality, Ball bearing, submersible pumps and other required small accessories i.e. power cable, front jali, piping, electrical switch (Gang box) etc. Size of kit/exhaust fan 12"/18"/20".<br>Tentative schedule of this work: January to March every year. |          |        |                                                                                          |                                                         |                              |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |      |  |             |               |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--|-------------|---------------|
| 1.3 | <p>Regular maintenance: After general maintenance &amp; installation of coolers a day to day cooler maintenance services will have to provided (as &amp; when required) by skilled manpower. In the maintenance following will be included: Exhaust fan/ Kit fan rewinding, Replacement of cooler pump, water tank, wire/ socket/ cooler pipe and accessories &amp; minor maintenance of water tank. The party will have to keep a stock of at least 5 nos. of exhaust fans at the work site to rectify any defect immediately.</p> <p>Tentative schedule of this work: April to September every year</p> |     |      |  | <b>0.00</b> | INR Zero Only |
| 2   | <p>Installation of cooler on outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing &amp; refixing of existing wire mesh (if any) on windows. Shifting charge of cooler from storage area to respective installation place will also be the part of this work item.</p> <p>Tentative schedule of this work: March to April every year.</p>                                                                                                                                                                                                         | 200 | Each |  | <b>0.00</b> | INR Zero Only |
| 3   | <p>Removing of cooler from outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing &amp; refixing of existing wire mesh (if any) on windows. Shifting charge of cooler from respective installation place to storage area will also be the part of this work item.</p> <p>Tentative schedule of this work: October to November every year.</p>                                                                                                                                                                                                      | 200 | Each |  | <b>0.00</b> | INR Zero Only |

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |      |  |             |               |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--|-------------|---------------|
| 4                     | Replacement of Air cooler water tank: Size: (L x W x H): (660mm - 820mm) x (610mm x -730mm) x (180-440mm) of 22 Gauge G.I. Sheet. Sheet.<br><br>Note: This item will be utilized when repairing water tank under item no. 1 is not feasible.                                                                                                                                                                                                                                                                                                                                       | 20  | Nos. |  |             |               |
| <b>5. Second year</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |      |  |             |               |
| 5.1                   | Comprehensive maintenance of Desert Air coolers will be in two parts (General and Regular maintenance)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 200 | Each |  | <b>0.00</b> | INR Zero Only |
| 5.2                   | General maintenance: Cooler body, Internal & External painting with Enamel paint, number writing, Oiling & Greasing of fan motor, minor repairing of cooler tank including replacement of grass of good quality, Ball bearing, submersible pumps and other required small accessories i.e. power cable, front jali, piping, electrical switch (Gang box) etc. Size of kit/exhaust fan 12"/18"/20".<br>Tentative schedule of this work: January to March every year.                                                                                                                |     |      |  |             |               |
| 5.3                   | Regular maintenance: After general maintenance & installation of coolers a day to day cooler maintenance services will have to provided (as & when required) by skilled manpower. In the maintenance following will be included: Exhaust fan/ Kit fan rewinding, Replacement of cooler pump, water tank, wire/ socket/ cooler pipe and accessories & minor maintenance of water tank. The party will have to keep a stock of at least 5 nos. of exhaust fans at the work site to rectify any defect immediately.<br>Tentative schedule of this work: April to September every year |     |      |  | <b>0.00</b> | INR Zero Only |
| 6                     | Installation of cooler on outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing & refixing of existing wire mesh (if any) on windows.                                                                                                                                                                                                                                                                                                                                                                                      | 200 | Each |  | <b>0.00</b> | INR Zero Only |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |      |  |             |               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--|-------------|---------------|
|                      | Shifting charge of cooler from storage area to respective installation place will also be the part of this work item.<br><br>Tentative schedule of this work: March to April every year.                                                                                                                                                                                                                                                                                |     |      |  |             |               |
| 7                    | Removing of cooler from outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing & refixing of existing wire mesh (if any) on windows. Shifting charge of cooler from respective installation place to storage area will also be the part of this work item.<br><br>Tentative schedule of this work: October to November every year.                                                                               | 200 | Each |  | <b>0.00</b> | INR Zero Only |
| 8                    | Replacement of Air cooler water tank: Size: (L x W x H): (660mm - 820mm) x (610mm x -730mm) x (180-440mm) of 22 Gauge G.I. Sheet. Sheet.<br><br>Note: This item will be utilized when repairing water tank under item no. 1 is not feasible.                                                                                                                                                                                                                            | 20  | Nos. |  |             |               |
| <b>9. Third year</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |      |  |             |               |
| 9.1                  | Comprehensive maintenance of Desert Air coolers will be in two parts (General and Regular maintenance)                                                                                                                                                                                                                                                                                                                                                                  | 200 | Each |  | <b>0.00</b> | INR Zero Only |
| 9.2                  | General maintenance: Cooler body, Internal & External painting with Enamel paint, number writing, Oiling & Greasing of fan motor, minor repairing of cooler tank including replacement of grass of good quality, Ball bearing, submersible pumps and other required small accessories i.e. power cable, front jali, piping, electrical switch (Gang box) etc. Size of kit/exhaust fan 12"/18"/20".<br><br>Tentative schedule of this work: January to March every year. |     |      |  |             |               |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |      |  |             |               |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--|-------------|---------------|
| 9.3 | Regular maintenance: After general maintenance & installation of coolers a day-to-day cooler maintenance services will have to provided (as & when required) by skilled manpower. In the maintenance following will be included: Exhaust fan/ Kit fan rewinding, Replacement of cooler pump, water tank, wire/ socket/ cooler pipe and accessories & minor maintenance of water tank. The party will have to keep a stock of at least 5 nos. of exhaust fans at the work site to rectify any defect immediately.<br>Tentative schedule of this work: April to September every year |     |      |  | <b>0.00</b> | INR Zero Only |
| 10  | Installation of cooler on outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing & refixing of existing wire mesh (if any) on windows. Shifting charge of cooler from storage area to respective installation place will also be the part of this work item.<br>Tentative schedule of this work: March to April every year.                                                                                                                                                                                                 | 200 | Each |  | <b>0.00</b> | INR Zero Only |
| 11  | Removing of cooler from outside platform of windows (or other place as required) of a flat/house up-to 2nd storey along with removing & refixing of existing wire mesh (if any) on windows. Shifting charge of cooler from respective installation place to storage area will also be the part of this work item.<br>Tentative schedule of this work: October to November every year.                                                                                                                                                                                              | 200 | Each |  | <b>0.00</b> | INR Zero Only |

|                             |                                                                                                                                                                                                                                              |                      |      |  |             |               |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------|--|-------------|---------------|
| 12                          | Replacement of Air cooler water tank: Size: (L x W x H): (660mm - 820mm) x (610mm x -730mm) x (180-440mm) of 22 Gauge G.I. Sheet. Sheet.<br><br>Note: This item will be utilized when repairing water tank under item no. 1 is not feasible. | 20                   | Nos. |  |             |               |
| <b>Total in Figures</b>     |                                                                                                                                                                                                                                              |                      |      |  | <b>0.00</b> | INR Zero Only |
| <b>Quoted Rate in Words</b> |                                                                                                                                                                                                                                              | <b>INR Zero Only</b> |      |  |             |               |