

PRASAR BHARATI
INDIA'S PUBLIC SERVICE BROADCASTER
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GSTIN: 23AAAJP0288R1ZN

No.: DDK/Bhopal/E-271439

Date: 01.12.2025

Subject: Invitation for Budgetary Quotation/Estimate for Comprehensive AMC of Central AC plants (Four Nos) comprising of 60 Ton capacity Compressor of make: Voltas, model: CWCDR60 OMNT.

Sir/Madam

This office proposes to award Tender for Comprehensive AMC of Central AC plants (Four Nos) comprising of 60 Ton capacity Compressor of make: Voltas, model: CWCDR60 OMNT as per the enclosed specifications and scope of work. In this regard, budgetary quotations/estimates are invited from eligible OEMs/Service Providers/prospective bidders.

Kindly submit your quotation at the email addresses: aestoreddkbpl@gmail.com and hooddkbhopal@prasarbharati.gov.in, latest by **22.12.2025**.

We look forward to your prompt response.

Sanjai Mishra
AE, Stores
DDK Bhopal
Contact No.: 9407201236

Enclosure: Technical Specifications of Central AC plants (Four Nos) comprising of 60 Ton capacity Compressor of make: Voltas, model: CWCDR60 OMNT

SCOPE OF WORK

The Scope Of work For Comprehensive Annual Maintenance contract of 60 Ton(04 no.) AC plant/Childers of following details.

Details of Chiller / Compressor

Compressor Make	Voltas ltd- QTY - 04 No	
Compressor Model	CWCDR060OMNT	
Type	Chilled Water	
Sr.No.	T00526,T0522,T0524,T0525	
Capacity	60 TR	
Date of commissioning	08/04/2015	

1. Any failure in the AC plant Compressor/Chiller /AHU including all hardware PCBs Display board, and Electrical work etc (AC plant as a whole unit) to be repaired/replaced within a 7 days.
2. Failure of compressor and motor as a whole unit to be repaired/replaced within 07 days.
3. All peripheral spares in the chiller system to be replaced/repared within 07 days.
4. Lubrication oil of the compressor should be maintained for discoloration or contamination and the top up or replacement if required in full quantity of lubrication oil as and when required.
5. Check through liquid sight glasses to determine the status of refrigerant, full quantity of Gas including supply and Filling as and when required) should be ensured.
6. Leakage test on regular basis
7. To inspect entire system for any unusual condition such as noise vibration etc.

8. To check the system operating pressure and temperature to ensure proper operating conditions on regular basis.

9. To check evaporator and condenser working temperature/condition if any regarding scaling effects on regular basis

10. To check chilled water flow by checking pressure draw across the chiller on regular basis.

11. To compare the chilled water temperature at full load with the chilled water temperature control to compare the condenser water flow to it as per the set value.

12. To inspect all safety controls and electrical controls in panel & replace if required.

13. Electrical Control panel of plant is to be opened every 3 months and all electrical terminations to be tightened and any abnormality to be rectified/ reported to open the compressor panel and check all electrical terminations and Hardware/software PCB panel and microprocessor and if required including supply installation testing and commission of spares/repairs complete.

14. Checking of the microprocessor controller for its proper functioning and repair of the same if found necessary on regular basis.

15. To inspect all operating control and sequence of operation on regular basis .

16. Descaling of condenser by manual brushing of tubes once in a year.

17. Descaling of evaporator by manual brushing of tubes once in period of contract. or as & when required

18. Review on regular basis operating log maintained by operating personal / status in software and advise any operation as improvement to operating Engineer Report in writing on any detected deficiencies.

19. To check the motor insulation and terminations on regular basis .

20. To check water Flow switch (evaporator and condenser) etc in the system and if needed to be supplied and replaced.

21. To check on regular basis high pressure and low pressure cut-outs and if any needed to be supplied and replaced/required.
22. To thermostatic expansion valve which controls liquid flow to compressor check on regular basis.
23. Any breakdown call to be attended for maintenance and repair work during regular working hours, max.7 Days per week, Including holidays and weekend.
24. Optimum working performance of chillier in all seasons (summer, monsoon, and winter) to be monitor and to be documented for future...
25. Ensure availability of Required Software and genuine spares, testing equipment's, etc of Voltas chiller of 60 Ton.
21. Attending to complaint / breakdown calls immediately whenever required

Note: Any Break down the complete chiller system to be put through within 15 days. Any delay in repair will be charged on the basis of 0.5% per week of AMC cost as penalty.

NOTE: Bidders are requested to visit the site and go through the centralized Air conditioning water cool AC plant and its associated parts before quoting/participating.