



Ref. No.NIRT/Stores/CMC/HVAC, HEPA Filters, AHU Virology & Biotechnology
Dept/22-23

ENQUIRY

Date: 22.08.2022

Sealed quotations are invited on behalf of the Director, National Institute for Research in Tuberculosis, Chennai, for **Comprehensive Maintenance Contract** for HVAC, HEPA filters, AHU and validation of clean rooms at Department of Virology & Biotechnology, ICMR-NIRT, Chennai. Interested service providers either locally based or has its service unit at Chennai may submit their lowest rates along with company/personal profile and job experience documents.

The quotation super scribed as “**CMC for HVAC, HEPA filters, AHU and validation of clean rooms at Department of Virology & Biotechnology, ICMR-NIRT, Chennai.**” addressed to **The Director, ICMR- NIRT, No.1 Sathyamoorthy Road, Chetpet, Chennai-31** should reach this office latest by 09.09.2022 till 3.00 PM. The same may either be dropped at the tender box available at NIRT Stores or sent through Speed Post /Courier or by E-mail to nirtdirector.ps@icmr.gov.in with signature & seal in company letter head latest by 9th September 2022 till 3.00 pm.

List of components, Prequalification for the CMC, scope of work and our Terms and Conditions are attached herewith.

List of Components included in the CMC:

- | | | |
|---|---|-------|
| 1) Air Handling Unit-6000 CFM | - | 1 No |
| 2) Air Handling Unit-4000 CFM | - | 1 No |
| 3) Air Handling Unit-3000 CFM | - | 1 No |
| 4) 5.5TR Outdoor Unit | - | 5 Nos |
| 5) Electrical LT Panel and Control System | - | 3 Nos |
| 6) BMS with VFD Drive- | - | 1 Set |
| 7) 10 KVA UPS with Batteries | - | 1 Set |
| 8) LED Lights | - | 1 Lot |
| 9) UV Lamps with Control | - | 1 Lot |
| 10) Fire Alarm | | |
| 11) Biometric Access System | | |
| 12) Pass Box | | |



- 13) Pressure Sensors
- 14) Ducting
- 15) Insulation
- 16) Electrical Cables
- 17) Breakers and Push Button
- 18) Temperature Control System
- 19) Pre Filters and HEPA Filters
- 20) Doors with accessories
- 21) Electrical Power Points

Company may visit the site on any working days before submitting their quote

Pre-Qualification for the CAMC:

- ✓ Minimum 10 similar Clean Room AMC Experience required during the past 5 years to Various Govt. Institutions
- ✓ (P.O, Installation report, Performance Certificate should be submitted from end user with technical Bid)
- ✓ Should have EPF and ESIC for workers(Certificate should be enclosed)
- ✓ Should be ISO Certified firm(Certificate should be enclosed)

SCOPE OF WORK:

Routine maintenance on every month

- ✓ Attending specific complaint within same day or maximum two days.
- ✓ Cleaning of the dirty pre filters and Condensing coil.
- ✓ Routine Preventive maintenance.
- ✓ Checking of AHU belt tension
- ✓ General Checking room temperature
- ✓ Checking of Refrigerant Pressure
- ✓ Checking of Loads
- ✓ Applying lubricant to the motor and blower
- ✓ Checking of motor RPM and Load.
- ✓ Replacement if any defects.
- ✓ Charging or Top Up the refrigerant incase need.
- ✓ Maintaining records for complaint.
- ✓ Submitting report for every visits or complaint.



Routine maintenance once in every three months

- ✓ Cleaning of Air Conditioner Coil with high pressured water and dedicated surf.
- ✓ Cleaning of Pre Filters with high pressured water.
- ✓ Cleaning of Fine Filters with high pressured water.
- ✓ Cleaning of Fresh Air Filter with high pressured water.
- ✓ Tightening of all the Electrical Terminal.
- ✓ Submitting report for every visit.

Third Party Validation with NABL traceability for the Clean Rooms

- ✓ Particle Count Test(Twice during the year)
- ✓ Air Velocity Measurement(Three times during the year)
- ✓ DOP Test(Twice during the year)
- ✓ Differential Pressure Test(Three times During the year)

Apart from the above mentioned routine maintenance and validation, company should attend breakdown calls within 24 hrs or maximum 48 hrs.

Terms & Conditions

1. The NIRT Office reserves the right to accept or reject any or all applicants without assigning any reasons.
2. Any decision taken by the Director, NIRT at any point of time in connection with this process shall be final and conclusive and no claim or dispute from any quarter in that regard shall be entertained.
3. No advance payment will be made before executing the contract. The payment will be made on rendering the services in two instalments one on completion of first half of the year and the other on completion of one year with satisfactorily report given by end used concerned.
4. NIRT, Chennai will not be responsible for any delay for late receipt of quotations.
5. Late/delayed quotations will not be considered under any circumstances.
6. No extra payment will be made on account of transportation, handling, loading, unloading, labour charges etc,
7. While submitting the quotations the rate against each work and net amount to be paid, GST etc. should be specified separately.



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIRT
NATIONAL INSTITUTE FOR
RESEARCH IN TUBERCULOSIS



आई सी एम आर - राष्ट्रीय यक्ष्मा अनुसंधान संस्थान
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार
कल्याण मंत्रालय, भारत सरकार
ICMR - National Institute for Research in Tuberculosis
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

8. A performance Security @ 3% of the total CMC cost has to be submitted in the shape of Demand Draft or Bank Guaranty while executing the work if the quoted amount is Rs.1.00 lakh or above which will with-held till completion of contract including warranty period.


22/1/22
ADMINISTRATIVE OFFICER