



ESI-PGIMSR, MEDICAL COLLEGE & HOSPITAL AND ODC(EZ) JOKA, KOLKATA
EMPLOYEES' STATE INSURANCE CORPORATION
(MINISTRY OF LABOUR & EMPLOYMENT, GOVERNMENT OF INDIA)

D.H ROAD, JOKA, KOLKATA - 700104

Phone: 033-24671764/2799/6280 Web Site:
www.esic.nic.in

TENDER DOCUMENT

NIT NO: 412.D.21/11/1/ACChillerPart1

NAME OF WORK

**Comprehensive annual maintenance contract including operation of Chiller, :
Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-
05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical
College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital
Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7
admin building block) for two year 2025-2026 & 2026 -2027**

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[SECTION – 1]

NOTICE

INVITING

BID



ক.রা.বী. স্না.চি. বি. এবং গ.প্র., ক.রা.বী. নি. চি. ম. তথা
ক.রা.বী. নি. হা. এবং পে. রো. কে.(পূ. অ.),জোকা
ক. রা. বী-স্না. বি. বি. এবং স. স., ক. রা. বী. নি. আ. ম.
তথাক. রা. বী. নি. অ. এবং. রো. কে. (পূ. স্তে),জোকা
(শ্রম এবং রোজগার মন্ত্রালয়, ভারত সরকার)
ESI-PGIMSR, ESIC MEDICAL COLLEGE AND ESIC
HOSPITAL & ODC(EZ), Joka
(Ministry of Labour & Employment, Of India)



ডায়মন্ডহারবাররোড, কলকাতা-৭০০১০৪
ডায়মন্ড হার্বাররোড, কলকাতা-700104
DIAMOND HARBOUR ROAD, KOLKATA - 700 104
PHONE NO. - 033 24671764/2799/6280
FAX NO. - 033 24672795/6289
E-mail - ms-odckolkata@esic.in
Website - www.esichospitals.gov.in

NOTICE INVITING e-TENDER

NIT No.- 412.D.21/11/1/ACChillerPart1.

The Competent Authority ,ESIC Corporation ,ESIC Hospital & Medical College, Joka, D.H Road, Kolkata -700104 invites on behalf of the Director General, ESI Corporation, online bid offer for Centage Charges * Item rate basis* from eligible OEM/ OEM authorised vendor for entering into Memorandum of Understanding () for taking up **Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027**

Details are given below:

Sl. No	Particulars	Details
1.	Name of the Work	Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027
2.	NIT No	NIT NO: 412.D.21/11/1/ACChillerPart1
3.	Annual Estimated Ant	Rs. 2,98,09,157.00
4.	Earnest Money deposit	Rs.596183 (As per OM No. F.20/2/2014-PPD dated 25.07.2017 issued by the Department of Expenditure, Ministry of Finance, Government of India, MSEs registered with NSIC/Udyam are exempted from payment of Earnest Money Deposit (EMD) and Tender Fee.)
5.	Client / Owner	EMPLOYEES STATE INSURANCE CORPORATION

6.	Date of Publishing for Online bid	09/ 07 /2025
7.	Date of Bid Document Download Starts from	09/ 07 /2025
8.	Date of Bid Submission Starts from	09/ 07 /2025
9.	Date of Pre-Bid Meeting and Time	14/ 07 /2025 @ 12:00 P.M.
10.	Date of Bid Submission Ends on	30/ 07 /2025@ 2:00 P.M.
11.	Bid Opening Date and Time (Technical Bid)	30/07/2025@ 02:30 P.M.
12.	Date and Time of opening of Financial Bid	Will be communicated separately to the qualified
13.	Contract Period	12 months
14.	Validity of Offer	90 days after the last date fixed for submission of bid including the extension (s) given, if any

Note: This NIT may also be uploaded in ESIC website and CPP portal etc. for wide publicity.

Note: • Lump-Sum(service charge) Centage Charges – As defined in Section – 4: Financial Bid.

Note: Wherever the word “ESIC” is mentioned it refers to Competent Authority, ESIC Hospital & Medical College, Joka, Kolkata – 700104.

1. The intending bidder(s) must read the terms and conditions carefully. They should only submit their bid if eligible and in possession of all the documents required.
2. Information and instructions for bidders available in document shall form part of agreement.
3. The bid documents consisting of instructions to bidders, scope of work and other conditions to be complied are available at the website <https://eprocure.gov.in/eprocure/app>.
4. Notwithstanding anything stated above, ESIC reserves the right to assess the capabilities and capacity of the bidders to perform the contract in the overall interest of ESIC.
5. The bidder(s) are required to quote strictly as per the terms and conditions, specifications, standards given in the bid documents and not to stipulate any deviations.
6. The bidder(s), if required, may submit questions in writing to seek clarifications 24 Hrs before the notified pre-bid meeting date, to the Office of Dean, ESIC Hospital & Medical College, Joka, Kolkata - 700104 or may visit the said office during the office hours on working days and submit.
7. ESIC reserves the right to reject any or all tenders or cancel / withdraw the invitation for Bids without assigning any reason whatsoever and in such case no bidder / intending Agency shall have any claim arising out of such action.

8. Set of Bid Documents:

The following documents will constitute set of tender documents:

SECTION-1	Notice Inviting Bid
SECTION-2	Instructions to Agency

SECTION3	Qualifying Criteria
SECTION-4	Financial Proposal

9. Bidding Process

Bidding process consists of two stages i.e. Stage – I and Stage – II.

In Stage – I, bidders are required to upload documents pertaining to Qualifying Criteria as mentioned in Section – 3 along with their bid. Technical Bid is opened first and bids are evaluated based on documents uploaded by the respective bidders for Qualifying Criteria. Only uploaded documents along with the Bid will be considered for evaluation of Technical Bids.

In Stage – II, financial bids of qualified bidders, who meet the qualifying criteria as mentioned in Section – 3, will be opened on the prescribed date and time.

Agency who's Centage Charges will found lowest shall be considered as L1 for award of work as per due process.

10. Mode Of Submission

List of Documents to be scanned and uploaded within the period of bid submission

Agency must submit their online bid along with the attested scan copies of following documents pertaining to Qualifying Criteria and Financial Bid.

- Letter of acceptance of terms and conditions of bid document in the prescribed format as per Annexure – I and undertaking as per format given in Annexure – II.
- Experience Certificates of similar type works and other documents of annual turnover and other documents of undertaking etc. are required to establish to fulfil the qualifying criteria.
- Bid Documents downloaded from website to be signed on each page by authorized representative.
**Note : ESIC Hospital & Medical College, Joka, Kolkata – 700104 is authorised to amend the condition depending upon the CPPP portal requirement.*
- OEM Authorisation letter issued by the Competent Authority i.e. CMD / MD / Chairman for signing the bid document.
- No Proposals/ Documents will be received/ uploaded after the prescribed date & time.

Financial Bid of qualified bidders shall then be opened on prescribed date in presence of bidders or their authorized representatives.

- The bid for the works shall remain open for acceptance for a period of 90 days from the last date of submission of bid including the extension given, if any. In case any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the ESIC, ESIC shall, without prejudice to any other right or remedy, be at liberty to debar them from participation. Further, they shall also not be allowed to participate in the re-bidding, if any.
- The acceptance of any or all bid(s) will rest with the ESIC who does not bind itself to accept the lowest bid and / or reserves to itself the right to reject any or all of the bids received without assigning any reason thereof.

13. Date of Start of work shall be reckoned from details in awarded letter or handing over of site whichever is later. Signing of Contract Agreement and submission of valid Performance Bank Guarantee shall be followed with.
14. The Award of work, Execution and Completion of work shall be governed by documents consisting of (but not limited to) Letter of Award / Work Order, Bid, and Bid Document. The bidders shall be deemed to have gone through the various conditions while making / preparing their proposal & submitting the Bid.
15. In case, any misrepresentation / falsification is noticed in copies of documents submitted, then the bid submitted shall become invalid. ESIC shall, without prejudice to any other right or remedy, be at liberty to disallow the agency from future participation.

Sd/-
(Dean)

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

1. 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.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. 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.
4. 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 (e.g. Sify / TCS / nCode / eMudra etc.), with their profile.
5. 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 DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC /e-Token.

SEARCHING FOR DOCUMENTS

1. 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.

2. 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 / e-mail in case there is any corrigendum issued to the tender document.
3. 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

1. Bidder should consider any corrigendum published on the tender document before submitting their bids.
2. Bidder to 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.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
4. All the documents being submitted by the bidders would be encrypted using PKI 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. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys.
5. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
7. The bid summary has to be printed and kept as an acknowledgedGEM-CPPPent of the submission of the bid. This acknowledgedGEM-CPPPent may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. 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 contact person indicated in the tender.

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 contact number for the helpdesk is 1800 233 7315.

[SECTION – 2]

INSTRUCTIONS TO AGENCY

INSTRUCTIONS TO AGENCY

1. INTRODUCTION

- 1.1 The bidder should have Authorisation letter from Carrier India Pvt Ltd OEM gears are only eligible to participate in the Bid.
- 1.2 Agencies are invited to submit a financial bid along with documents pertaining to qualifying criteria. The bid will be the basis of technical discussions / negotiations, if required and ultimately for a signed Contract/ with the selected Agencies on **Item rate basis of work execution basis.**
- 1.3 Agencies should familiarize themselves with local conditions and take them into account in preparing their Proposals. Agencies must visit the site before submitting a proposal. Agency or his authorized representative should contact the following regarding site specific information and site visit enquiry, if required.

Contact Person : **Dean**

Address : **ESIC Hospital & Medical College, D.H Road, Joka,
Kolkata- 700104**

Fax : **033 24672795/6289**

Phone : **033-24671764/2799/6280**

E-Mail : **<deanpgi-joka.wb@esic.nic.in>**

1. **Site Visit:** The tenderer must obtain himself on his own responsibility and his own expenses all information and data, which may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The Tenderer is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc; The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

1. BID PREPARATION:

- i) The Bidder is advised to visit and inspect the site at his own responsibility and expense, and gather all necessary information and data required for the preparation and submission of the bid.
- ii) The Bidder shall be solely responsible for evaluating and considering the financial implications of all such factors while preparing and submitting the bid. Under no circumstances shall ESIC be held liable for any costs, expenses, or losses incurred by the Bidder, irrespective of the conduct or outcome of the bidding process.

2. CLARIFICATION / AMENDMENTS AND CORRIGENDUM:

- i) Any Bidder requiring clarification on any aspect of the bidding document shall submit their queries in writing to the designated address or through the GEM-CPPP portal, within the stipulated date and time mentioned in the tender notice.
- ii) Clarifications to the queries received, along with any amendments to the tender document, will be published on the GEM-CPPP portal in the form of a Corrigendum/Addendum. No individual communication will be sent to Bidders in this regard. It is the sole responsibility of the Bidders to regularly check the GEM-CPPP portal for updates, amendments, or clarifications until the date of submission of the bid and ensure that the same are taken into account while preparing the bid. All such amendments/clarifications shall be deemed to be an integral part of the

- tender and will be binding on all participating Bidders. ESIC shall not be held responsible for any oversight or negligence on the part of the Bidder in this regard.
- iii) ESIC reserves the right to amend, rescind, or reissue the tender at any time prior to the deadline for bid submission.
 - iv) No request for modification in the commercial or legal terms and conditions of the tender shall be entertained, except those that are explicitly covered through amendments, corrigenda, or clarifications issued by ESIC. Any queries or requests in this regard will not be considered.

3. EARNEST MONEY DEPOSIT (EMD):

- i) The Tenderer shall submit an Earnest Money Deposit (EMD) equivalent to **2% of the estimated cost** along with the tender, failing which the tender is liable to be rejected. The EMD shall be paid in the form of a **Demand Draft** drawn in favour of **ESI Fund A/c No. 1**, payable at Kolkata. **Cheques will not be accepted.**
In the event of withdrawal or revocation of the tender by the Tenderer before the date specified for its acceptance, the EMD shall stand **forfeited**. Upon acceptance of the tender, the EMD may be adjusted towards the security deposit as required under the relevant clause. The EMD of unsuccessful Tenderers will be refunded without interest after finalization of the contract.

The EMD Demand Draft must be deposited in the **tender box located near the Medical Superintendent's Office of ESIC Hospital, Joka** before the closing date and time of the tender. The sealed envelope must be addressed to:

The Dean, ESIC Hospital and O.D.C. (E.Z), Diamond Harbour Road, P.O.: Joka, Kolkata – 700104, West Bengal.

The envelope must clearly mention in block letters at the top: “ **Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027**

Failure to comply with this requirement will render the tender liable for rejection.

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- ii) The EMD of unsuccessful Bidders shall be refunded promptly after the decision to award the contract is finalized. In the case of the successful Bidder, the EMD will be retained as part of the Security Deposit. If the contractor submits a Security Deposit equivalent to **3% of the annual contract value** in the form of a single Demand Draft, the EMD will be refunded.

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- iii) The EMD shall stand absolutely forfeited under the following circumstances:

- If the selected Bidder revokes or withdraws their bid at any time during the validity period of the bid.
- If, after acceptance of the bid by ESIC, the Bidder refuses to enter into a formal agreement.
- If the Bidder fails to submit the initial Security Deposit as stipulated.

- If the Bidder fails to commence the work within the stipulated time.

In case the tendering process is delayed for any reason, ESIC may require the Bidder to **revalidate the Demand Draft**. The Bidder shall be responsible for arranging the revalidation and resubmission of the EMD accordingly.

4. **BID SUBMISSION:**

- I. Only those Bidders who meet the eligibility criteria specified in the Notice Inviting Tender (NIT) are eligible to submit bids. Bidders must submit their tenders **online** through the **GEM-CPPP portal**. Bidders are advised to log into the portal well in advance and ensure that their bids are uploaded on or before the deadline specified for bid submission. The **server time** (as displayed on the GEM-CPPP portal dashboard) will be considered the official reference time for bid submission deadlines, bid opening, and all other time-bound processes. It is the sole responsibility of the Bidder to adhere to this time frame. ESIC shall not be responsible for any delays arising due to technical or other issues on the part of the Bidder.
- II. The documents submitted online as part of the **Technical Bid** must not contain any reference to prices or financial terms. If any such information is found in the Technical Bid, the bid will be **summarily rejected**.
- III. The Bidder shall submit their price quotation **only through the PRICE BID section** of the GEM-CPPP portal. The **Price Bid** will be opened only if the Bid is found to be unconditional, and the Bidder meets the eligibility criteria and technical specifications as stipulated in the tender.
- IV. If deemed necessary, ESIC reserves the right to conduct an **e-Reverse Auction** among technically qualified Bidders. The schedule and details of the e-Reverse Auction will be communicated to the eligible Bidders separately.
- V. **Offline bid submissions will not be accepted under any circumstances.** Any bid received in physical/offline mode shall be treated as invalid and will not be considered for evaluation.

7. **PRICE BID: RATES QUOTED BY BIDDER**

a) The Contractor shall ensure, prior to submission of the Bid, that the rates and amounts quoted in the **Schedule of Quantities** and/or **Schedule of Rates** are accurate, sufficient, and fully cover all obligations under the contract, including all costs necessary for the proper and complete execution of the works as specified in the tender document.

b) The rates quoted by the Contractor shall be **firm and inclusive** of all costs, including but not limited to:

- Cost of all materials, loading, transportation, unloading, and installation,
- Wastage of materials during execution,
- Applicable levies, taxes (including local body taxes, if any),
- Insurance charges of all types,
- Temporary works such as scaffolding and cleaning,
- Overheads, profit, statutory expenses, incidental charges, and all other related expenditures necessary for the satisfactory completion of the work.

c) Unless expressly stated otherwise in the **Schedule of Quantities/Specifications**, the rates quoted shall be considered **all-inclusive** and applicable to all **heights, lifts, leads, and depths** involved in

the execution of the work. No additional charges will be entertained over and above the contract amount on any account, whether due to existing charges or future additions.

d) **Rate revision shall not be permitted** under any circumstances during the validity period of the contract, including any extended period, if applicable, for any reason whatsoever.

5. OPENING AND EVALUATION OF BIDS

- a) The online bids will be opened at the office of **ESIC Medical College and Hospital, Joka, Kolkata, West Bengal** on the date and time specified in the **Notice Inviting Tender (NIT)**.
- b) Under the **Two-Bid System**, the **Technical Bids** will be opened first, at the scheduled time mentioned in the NIT. If the date of bid opening happens to fall on a **non-working day or a public holiday**, the bids will be opened on the **next working day** at the same time and venue.
- c) The **Price Bids** of only those Bidders who qualify in the Technical Bid evaluation will be opened. The opening of Price Bids may take place on the **same day** or on a **subsequent date**, which will be communicated to the technically qualified Bidders in due course.

6. VALIDITY OF BID

The Bids submitted shall remain **valid and open for acceptance** for the period specified in this tender document, counted from the date of opening of the **Price Bid**.

If any Bidder withdraws or modifies their offer during the validity period, or submits any deviation from the original bid that is not acceptable to ESIC, the **Earnest Money Deposit (EMD)** submitted by the Bidder shall be **forfeited**, without prejudice to any other rights or remedies available to ESIC under the terms of the tender or applicable law.

7. PRELIMINARY EXAMINATION

ESIC will conduct a **preliminary examination** of all received Bids to determine whether:

- The Bids are **complete**,
- The submissions are in the **prescribed formats**,
- All required **supporting documents** have been provided, and
- The Bids are in **conformity with the terms and conditions** of the tender document without any deviations.

Bids found to be incomplete, non-compliant, or deviating from the specified conditions will be **rejected** at this stage. However, ESIC reserves the right to request additional information or clarifications in cases where any portion of the **COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) FOR HVAC AT ESIC Medical College and Hospital, Joka, Kolkata** submission is found to be incomplete or unclear. If the Bidder fails to provide the required information or clarification within the **stipulated time period** specified by ESIC, the Bid shall be **rejected or disqualified** without further notice.

8. TECHNICAL EVALUATION

Only those **Bidders and Bids** that are found to be fully compliant with the **eligibility criteria** and other terms and conditions during the **Preliminary Examination** will be considered for further detailed **Technical Evaluation**.

Bids that fail to meet the eligibility criteria or do not conform to the stipulated terms and conditions during the preliminary stage will be **disqualified** and will not proceed to the technical evaluation phase.

During the evaluation process, ESIC may, at its discretion, seek **clarifications** from Bidders on their submissions. All such requests will be made **in writing**, and no changes to the

quoted prices or the **substantive content** of the Bid shall be permitted in response to such clarifications.

No post-bid clarifications or modifications will be entertained if initiated by the Bidder.

All Bids must be **unconditional**. Any conditional offers or Bids that could potentially lead to **unknown or indefinite liabilities** are liable to be **summarily rejected**.

9. **AWARD OF WORKS**

The **Employees' State Insurance Corporation (ESIC)** will award the contract to the **successful Bidder** whose Bid has been determined to be the **lowest evaluated, responsive Bid** in accordance with the terms and conditions of the tender.

ESIC reserves the right, at the time of awarding the contract, to **increase or decrease the quantity of work and/or services** specified in the tender without any change in the **unit rates** or any other terms and conditions of the contract.

10. **ESIC'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**

ESIC reserves the absolute right to **accept or reject any Bid**, whether in part or in full, or to **cancel the entire Bidding process** and reject all Bids at any stage, without thereby incurring any liability towards the affected Bidder(s) or any obligation to inform the Bidder(s) of the reasons for such action.

The acceptance of a tender will rest solely with the **Competent Authority** of ESIC, who does not bind himself to accept the **lowest Bid** and reserves the right to reject any or all tenders received, without assigning any reason whatsoever.

Tenders that fail to meet any of the prescribed conditions or are **incomplete in any respect** shall be liable to be rejected.

The issuance of a **Notification of Award** will constitute the formation of the **Contract**. The selected Bidder must confirm acceptance of the award by returning a **duly signed and stamped duplicate copy** of the Purchase Order (PO) within **15 days** of receipt of the communication and must enter into a formal **agreement** with ESIC as per the prescribed terms.

11. **SIGNING OF CONTRACT DOCUMENTS**

The **successful Bidder** shall be required to execute the formal **Agreement** with ESIC within **15 (fifteen) days** from the date of receipt of the **Letter of Acceptance** or formal intimation of acceptance of the Bid by ESIC.

However, the written acceptance of the Bid by ESIC shall, in itself, constitute a **binding contract** between ESIC and the successful Bidder, pending execution of the formal Agreement.

All expenses related to the preparation, execution, and stamping of the Agreement — including **stamp duty and any other applicable charges** — shall be borne entirely by the successful Bidder.

MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS

12. **Quality of Work:** All work must be executed in the best manner using high-quality, approved materials per the specifications, drawings, and ESIC instructions.

13. **Material Standards:** Only ISI-marked materials shall be used unless otherwise specified. No refurbished, second-hand, or spurious materials are allowed. If needed, the contractor must provide proof of material authenticity.

14. **Approval of Materials:** The contractor must get ESIC's approval for samples before use. Any substitutions of specified materials must be approved by ESIC in writing.

15. **Testing of Materials:** The contractor must conduct tests on materials at approved labs (at their own cost) to ensure compliance with I.S. Standards or project specifications. Testing charges will be borne by the contractor with no extra payments from ESIC.

16. **Material Non-compliance:** If materials or workmanship do not meet specifications, ESIC has the right to order removal or substitution at the contractor's cost. ESIC may also employ other agencies to rectify the work if the contractor fails to comply.
17. **Damage during Work:** The contractor is responsible for repairing any damage to work caused by weather, neglect, or other reasons at no additional cost.
18. **Work Suspension:** If work is delayed due to external causes (e.g., rain, strikes), the contractor must protect and repair the work at their expense.
19. **Unsatisfactory Work:** If the work is of poor quality or violates safety protocols, the contractor must rectify it within a specified time frame. If not, ESIC may engage other agencies to complete the work at the contractor's expense.

20. **PERIOD OF CONTRACT & EXTENSION OF TIME**

The contract, if awarded, will be initially valid for **two years** from the date of award, subject to **continuous satisfactory performance**.

The contract may be extended for a further period of up to **one year** at the discretion of the **Competent Authority**, based on satisfactory performance and under the same terms and conditions.

However, if the contractor fails to maintain satisfactory performance, the hospital reserves the right to **terminate the contract** immediately, **forfeit the security deposit**, and take any other **administrative actions**, including **blacklisting**, at its discretion.

This **one-year extension** may be further extended by **one more year** at the sole discretion of the hospital, without prejudice to any other rights the hospital may have.

21. **PAYMENT TERMS**

- a) **No Advance Payment:** No advance payments will be made. All payments will be made **electronically** via RTGS/NEFT or other electronic means.
- b) **Payment Schedule:** Payment will be processed as specified in the **NIT**.
- c) **Electronic Transfer:** Payments will be made through **Electronic Fund Transfer** by the Branch.
- d) **Bank Details:** The contractor must provide **ESIC account details**, including **account number** and **IFSC code**, along with their invoices.
- e) **Quarterly Payments:** Payments will be released quarterly, subject to deductions for any shortfall in services.
- f) **Field Reports:** The contractor must submit **PM (Preventive Maintenance)** and **breakdown maintenance reports** along with the invoices.
- g) **Income Tax Deduction:** Income tax will be deducted as per the applicable rate.
- h) **Wage Disbursement:** The **principal employer** ensures that the contractor disburses wages to workers on or before the **7th of every month**. No delay in wage disbursement will be accepted, even if bills are not submitted.
- i) **Penal Action for Default:** In case of **default** in wage payments or statutory obligations by the contractor, ESIC may take **penal action**, including termination or blacklisting. ESIC will ensure the statutory benefits and wages are paid to the workers as per labor laws.
- j) **Employee Awareness:** At the start of the contract, **all workers** deployed by the contractor must be informed about their entitlements, responsibilities, wage details, and grievance redressal mechanism.
- k) **Wages under Contract Labour Act:** As per Section 21(4) of the **Contract Labour (Abolition & Regulation) Act, 1970**, ESIC may pay wages to workers on behalf of the defaulting contractor based on biometric attendance records. EPF & ESI contributions must also be remitted to the **jurisdictional EPFO** office.
- l) **Undertaking by HOD:** Upon commencement, the **Head of Department (HOD)** must submit an undertaking to confirm no conflict of interest and that no relatives of ESIC employees are engaged as workers by the contractor.

- a) **Performance Guarantee:** Upon acceptance of the tender, the contractor must deposit a **5% security deposit** of the tender amount as a performance guarantee. The security deposit must be in the form of a **Demand Draft** drawn in favor of **ESI Fund A/c No. 1, payable at Kolkata. Cash and cheques** are not acceptable. Alternatively, it can be in the form of an **ESIC Guarantee** valid for **2 years and 6 months**.
- b) **Defect Liability Period:** The contractor is responsible for correcting any defects during the defect liability period. If the contractor fails to do so, the cost of rectification through another agency will be deducted from the security deposit.
- c) **Deductions from Security Deposit:** Any compensation or sums payable by the contractor to ESIC under the contract may be deducted from the security deposit or any other amount due to the contractor.
- d) **Top-up of Security Deposit:** If the security deposit is reduced due to deductions, the contractor must replenish the deposit within **7 days** by submitting a **Demand Draft** for the deducted amount.

22. PENALTY CLAUSE

The successful bidder must execute the work in a professional manner and complete it within the stipulated period as per the NIT. If the work is delayed beyond the agreed timeline due to reasons attributable to the bidder, a **penalty of 0.5% per week** will be imposed for each week (or part thereof) of delay. The penalty will not exceed **5% of the contract value** or the completed value of the work.

23. VARIATION IN QUANTITY / SUBSTITUTION OF ITEM

- a) The Schedule of Quantities is deemed to be approximate, and the employer will not be liable for any errors discovered in it.
- b) The Employer reserves the right to increase, decrease, omit, or execute only part of the work based on site requirements, without providing any reasons at the time of allotment or execution. The contractor will be paid only for the actual work completed. Such variations will not invalidate the contract.
- c) The tender rates will remain fixed and applicable for any increase or decrease in the quantities. No extra payment will be made by ESIC due to the omission or deletion of items, or a decrease in the quantity of items. Payment will be based on the actual work completed, and all measurements will be in accordance with relevant IS standards. ESIC can order additional quantities at the same rate and terms within the validity of the tender.
- d) For additional or non-tendered items, prices will be determined based on the rates quoted for similar items in the contract, if applicable. If no similar items exist, the price will be derived using the standard method of rate analysis, factoring in the fair price of labor, materials, and other components, with 15% added for the contractor's profit and overheads.

24. LOCAL LAWS, ACTS, REGULATIONS

The contractor must comply with all applicable labor laws and safety regulations, including the following:

- Minimum Wages Act, 1948
- Payment of Wages Act, 1936
- Workmen's Compensation Act, 1923 (as amended)
- Contract Labour (Regulation and Abolition) Act, 1970 and its Rules, 1971
- Apprentice Act, 1961
- Industrial Employment (Standing Orders) Act, 1946
- Employees' Provident Fund and Miscellaneous Provisions Act, 1952 (and amendments)

- Employees' State Insurance Act
- Shop and Establishment Act
- Factories Act
- Employment of Children Act, 1938
- Industrial Disputes Act, 1947
- Other relevant local, central, or state laws.

The contractor is responsible for paying all contributions, penalties, fines, or compensation required by these laws for the workmen employed under this contract. Any costs incurred by ESIC due to the contractor's failure to comply with these laws, including claims, fines, or legal proceedings, may be recovered from the contractor. The contractor must indemnify and hold ESIC harmless against any claims or expenses related to the work performed by their employees.

25. DISMISSAL OF WORKMEN

The contractor must immediately dismiss any worker from the job upon the Employer's request, if the Employer deems the worker unsuitable, incompetent, or involved in misconduct. The contractor is responsible for taking legal action in such cases. Such dismissals cannot be used by the contractor to claim compensation or damages from the Employer or any of their officers or employees.

26. SUBCONTRACTING

The contractor must execute the entire contract work themselves and cannot transfer, assign, or sublet the contract, or any part of it, without obtaining written consent from the Employer. Additionally, no subcontracting will relieve the contractor from their full responsibility for the contract or from actively supervising the work as it progresses.

27. STORAGE OF MATERIALS

The contractor is allowed to store materials like fixtures, cables, conduits, wires, tools, etc., at the site with ESIC's permission. The contractor is responsible for the custody and security of all materials and equipment at the site. ESIC will not entertain any claims for loss or theft of materials. The contractor is also responsible for providing shelter, stay, and other amenities for the electricians at their own expense. Upon completion of the work, the contractor must remove all tools, surplus materials, rubbish, and temporary works, leaving the site and the works clean and in good condition, as per ESIC's satisfaction.

28. FORCE MAJEURE

The contractor will not be liable for the forfeiture of performance security, liquidated damages, or termination for default if delays or failures in performance are due to an event of Force Majeure.

Force Majeure includes events such as wars, insurrections, civil disturbances, riots, terrorist acts, public strikes, fires, floods, epidemics, quarantine restrictions, freight embargoes, and government acts that impede reasonable performance. However, it does not cover foreseeable events, commercial issues, or those arising from the contractor's fault or negligence.

If a Force Majeure event occurs, the contractor must notify ESIC in writing about the condition and the cause. The contractor should continue performing its obligations as far as reasonably possible and explore alternative solutions, unless ESIC directs otherwise.

29. COMPLIANCE OF STATUTORY REGULATIONS

- a) The contractor must comply with relevant Acts, Regulations, and Bye-Laws from authorities such as Electricity Boards, Pollution Control Boards, Municipal Authorities, and Water & Sewage Boards. Before making any changes to drawings or specifications for compliance, the contractor must notify the Employer in writing, outlining proposed variations and reasons, and seek instructions from the Employer. The Employer will respond within a reasonable time.
- b) The contractor is responsible for giving all required notices to authorities, paying any applicable fees, and submitting receipts to the Employer.
- c) The contractor must indemnify the Employer against any claims related to patent rights, designs, trademarks, or protected rights in connection with equipment, machines, work, or materials used in the project. The contractor must defend any claims arising from these issues, unless they have received prior permission from the Employer. The contractor must also cover all royalties, license fees, damages, and legal costs.
- d) The contractor must strictly follow Central/State labor regulations, including Minimum Wages, Payment of Wages, Workmen Compensation, PF, ESI, Contract Labor laws, and other safety regulations, and stay updated with any amendments.
- e) The contractor must keep the Employer indemnified against any claims or costs arising from workmen's issues.

33.INSURANCE:

1. Third-Party Insurance:

- The contractor must obtain a third-party insurance policy from a Public-Sector Insurance Company, covering workers for any accidents or incidents during the contract.

2. Additional Insurance Coverage:

- The contractor must also secure insurance for events like death or injury of employees, theft, robbery, fraud, fidelity, and negligence by service providers, employees, or subcontractors.

3. Safety Measures:

- The contractor must provide necessary safety equipment and take precautions as per ESIC's directions. Personal protective equipment (PPE) includes:
 - Safety shoes (IS-1989:1978)
 - Eye and face protection (IS-8520:1977, IS-8940:1978)
 - Hand and body protection (IS-2573:1975, IS-6994:1973, IS-8807:1978, IS-8519:1977)

4. Tools and Equipment:

- All tools and safety equipment must be safe, certified for fitness, and regularly inspected. ESIC officials have the authority to ban any unsafe equipment.

5. Fire Safety and Hazardous Materials:

- The contractor must follow fire safety procedures and safely handle hazardous materials, as directed by ESIC.

6. Compliance with Safety Regulations:

- The contractor must comply with all relevant safety regulations at local, state, and central levels. Any violations that compromise safety are the contractor's responsibility, including associated costs.

7. First Aid:

- The contractor must provide at least two sets of First Aid kits, ensuring they contain valid and usable items.
8. **Liability:**
- The contractor is fully responsible for the safety, security, and insurance of their personnel. ESIC is not liable for any fatal injuries or accidents involving the contractor's workers.

In essence, the contractor must ensure that all safety measures are in place, provide necessary insurance coverage, comply with safety regulations, and bear full responsibility for their workers' safety and insurance.

34. PROPOSED WORK METHODS, SUPPLIES AND PLAN:

1. Work Methods and Sequence:

The contractor must provide a detailed description of the methods and sequence for performing the services.

ESIC may request changes to the sequence based on operational needs, and the contractor will not receive additional payment for such changes.

2. **Material Schedule:** The contractor must submit a schedule for materials to be used in the services, including the identification of specific manufacturers' products and their catalogues, for ESIC's approval.
3. **Manpower Deployment Plan:** The contractor must submit a detailed manpower deployment schedule, indicating the personnel assigned to each task.
4. **Incorporation of Comments:** The contractor must incorporate any comments or changes from the ESIC into the plan and execute them at no extra cost.

30. CONFIDENTIALITY:

Confidentiality of Tender Process: Information related to the examination, clarification, evaluation, and comparison of tenders, as well as recommendations for contract award, must remain confidential. This information should not be disclosed to the tenderer or any other persons who are not officially involved in the process until the contract award notification is made.

Prohibition of Influence: Any attempt by the tenderer to influence the ESIC during the bid evaluation, comparison, or contract award decisions could result in the rejection of their bid.

31. TERMINATION OF CONTRACT BY ESIC

Conditions for Termination:

- a. If the contractor becomes insolvent, goes into liquidation, or is unable to fulfill the contract due to insolvency or other financial issues.
- b. If the contractor fails to perform or observe contractual obligations, including using improper materials, neglecting the work, or failing to meet deadlines.
- c. If the contractor abandons the contract or fails to proceed as per the ESIC's satisfaction despite notices to remedy the situation.

Actions Post-Termination:

- d. ESIC can terminate the contract by providing written notice, but the contractor's obligations and liabilities continue as if the contract had not been terminated.
- e. ESIC can take possession of the contractor's equipment, tools, and materials at the site and either use them to complete the work or sell them.

- f. If ESIC sells the contractor's surplus materials or tools, they will credit the contractor for the proceeds but may deduct any expenses or losses incurred from this process or against the contractor's security deposit.

In summary, ESIC can terminate the contract under specific circumstances related to the contractor's insolvency, failure to perform, or abandonment of the work. Post-termination, ESIC has the right to take possession of the contractor's property and complete the work, with any proceeds from the sale of materials credited to the contractor, minus any incurred expenses.

32. DISPUTES/ARBITRATION:

Amicable Settlement First:

- All disputes or differences arising out of or in connection with the contract — whether during or after the work, including termination, abandonment, or breach — must first be attempted to be settled amicably between ESIC and the contractor.

Arbitration Process:

- If no amicable settlement is reached, the dispute shall be referred to a **sole arbitrator** mutually agreed upon by both parties.
- If the parties cannot agree on a single arbitrator, each party shall appoint one arbitrator, and these two arbitrators will jointly appoint a **presiding arbitrator**.
- The arbitration proceedings will follow **Indian laws** (specifically the Arbitration & Conciliation Act, 1996).

Jurisdiction:

- Any appeal or legal proceeding arising from the arbitration will be under the **exclusive jurisdiction of the courts in Kolkata**.

Continuation of Work:

- The contractor must continue the work during arbitration unless directed otherwise by ESIC, or if the dispute makes continuation impossible until a decision is made.

Binding Decision:

- If the dispute relates specifically to specifications, design, quality, workmanship, or any other contract-related question and remains unresolved, it will be referred to the **Chief Engineer, ESIC** for sole arbitration.
- The **arbitrator's decision will be final, conclusive, and binding** on both ESIC and the contractor.

Note: The Agency service charges will be considered only, if the Agency is found Technically qualified as per the eligibility criteria as per Point 04 of Section-3, Page No. 23 then only Financial Bid of Centage / Service Charges by concerned Agency will be opened on pre-decided date and same will be informed to qualified Agency.

[SECTION – 3] QUALIFYING CRITERIA

1. The interested Agencies are eligible for participation in the bidding process should meet both the following minimum qualifying criteria:

THE FIRM IS REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF TENDER DOCUMENT WITHOUT WHICH THE OFFER IS LIABLE TO BE CANCELLED.

1	Earnest Money deposit by Demand draft	
2	GST Registration certificate	
3	PAN/TAN/TIN other statutory documents	
4	I.T return last three (3) years (2021-22, 22-23,23-24)	
5	Valid Trade license /Valid Company firm registration	
6	ESIC and EPF registration	
6	Experience Certificate/Credential of experience claimed as per The tenderers should have undertaken /completed the following work in the last two (2) years as on 31.03.2025 in works of similar nature in a GOVT/ PSU set up. 1)Three (3) similar works value not less than 40 % of the estimated Cost 2)Two (2) similar works value not less than 50 % of the estimated Cost 3)One (1) similar works value not less than 80 % of the estimated Cost	
7	The EMD hard copy/online is to deposited in tender box at Admin Building, ESIC Hospital, Joka before closing date & time	
8	Submit the OEM authentication certificate/ authorized Service provider of OEM of Carrier India ltd.	
9.	Escalation Matrix	
10.	Authorized Service Centre In Kolkata	

Note:

The Chillier and High side equipment installed at site of Carrier make so far carried out the maintenance work for this High side Equipment's only OEM i.e./s carrier Air conditioning & refrigeration Limited and their Authorised Bidder/Vendor is only eligible to participate in this bid with fulfilling tender criteria or experience Criteria Manpower compliance.

During Technical Evaluation, the following documents will be checked by the TEC. Hence, bidders to make sure that the above mentioned documents are uploaded. Please avoid uploading other unnecessary documents. No need to upload document other than above mentioned documents.

2. **Note:** If valid trade licence constitutes/consists of more than one certificate/pages, then all the pages are to be enclosed.
3. The interested Agencies i.e. OEM Carrier India Ltd./OEM Authorised vendor which may be notified by D are eligible for participation in the bidding process should meet both the following minimum qualifying criteria:

4. **Works Experience:**

Experience of executing similar works (Completed) as given below during the last 07 years ending last day of the month previous to the one in which applications are invited:

Three similar works each costing not less than the amount equal to 40 % of estimated / Budgeted cost,

OR

Two similar works each costing not less than the amount equal to 50 % of the estimated / Budgeted cost,

OR

One similar work costing not less than the amount equal to 80 % of the estimated / Budgeted cost.

For similar completed works the final cost as mentioned in the completion certificate issued by competent authority i.e. authorized person of client/department shall be considered for determining the costing as mentioned above for evaluating the qualifying criteria

Annual Turnover: Average annual financial turnover of Agency should not be less than 30 % of estimated cost during the immediate last 03 consecutive financial year. This should be duly certified by Chartered Accountant along with audited Balance Sheets and P & L account.

5. Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has:

Made misleading or false representation or deliberately suppressed the information in the forms statements and enclosures required in the eligibility criteria document.

Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses etc.

6. Documents to be furnished for evaluation of bids:

- Attested copies of OEM authorisation letter issued by the OEM Carrier India Ltd./OEM Authorised vendor for establishment of the authorizing for carrying out civil, electrical & building works with applicable jurisdiction.
- Copies of certificates in respect of completion of similar works to establish eligibility as mentioned para 1 (i) of this section.
- *Similar works means Repairs and Maintenance works of HVAC WORKS Make Carrier in Hospital Buildings and allied services including Electrical and Electro- Mechanical equipment.
- Certificate from Chartered Accountant mentioning financial turnover of last 3 (three) years to establish eligibility as mentioned para 1 (ii) of this section. ESIC reserves the right to seek further details beyond date of opening of bid pertaining to qualifying criteria.
- Details in form of the chart mentioning the strength of the organizational setup in the respective state where the ARM works to be undertaken.
- Undertaking to submit and to sign as per the Annexure-IV.

- All the above documents and relevant documents to signed by Authorized person. The authorization shall be in the form of a legally enforceable written power of attorney duly authorized and shall be submitted along with bid.

ACCEPTANCE OF BID CONDITION

(On the Letter Head of the Organization)

To

The Dean,
ESI Corporation,

.....

.....

SUB: Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027.

REF: Bidding Document No. NIT NO: 412.D.21/11/1/ACChillerPart1

Sir,

1. With reference to above, I / We are pleased to submit our bid / offer for the above work and I / We hereby unconditionally accept the terms & Conditions of Bid Documents and Standard Contract Agreement / in its entirety for the above work.
2. I / We are eligible to submit the bid for the above work and I / We are in possession of all the required and relevant documents.
3. I / We have read all the terms and conditions of the **STANDARD CONTRACT AGREEMENT /** as well as Bid Document and agree to sign the same in case of award of work.
4. I / We have submitted all the documents as per Notice Inviting Bid.
5. I / We undertake and confirm that similar work (s) has / have got executed in _____ Departments/ Organizations. Further that, if such a violation comes to the notice, then I / We shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of ESIC before date of start of work, the ESIC shall be free to forfeit the entire ant of Performance Guarantee.
6. I / We have separately enclosed an undertaking in the format as per Annexure – II.

Yours faithfully,

(Signature of the Authorized Representative)

With Rubber Stamp

Dated : _____

Place : _____

Note : This letter shall be signed by the authorized officer of the organization having valid authority letter from competent authority i.e. CMD / MD / Chairman.

UNDERTAKING

(On the Letter Head of the Organization)

To

**The Dean,
ESI Corporation,**

.....
.....

SUB: Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(Medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027 .

REF: Bidding Document No. NIT NO: 412.D.21/11/1/ACChillerPart1

Sir,

We undertake that –

1. I / We have no business or any other relationship with any of the ESIC Staff / Member of the Corporation.
2. I / We have not employed any former employee of ESIC to work for our organization.
Or
I / We have employed ESIC Staff / Member of the Corporation as per list attached to work for our organization and certify that there is no conflict of interest.
3. I / We have not been debarred or blacklisted by any department / Organization to execute their works.
4. I / We have not suppressed or concealed any information pertaining to works executed by us.
5. I / We have not made any misleading or false representation or deliberately suppressed information in the form of statements and enclosures required for eligibility criterion.
6. I / We have not abandoned any work and left work incomplete due to financial failures / weaknesses or have a record of poor performance.

Yours faithfully,

(Signature of the Authorized Representative)

With Rubber Stamp

Dated : _____

Place : _____

Note : This undertaking should be signed by the authorized officer of the organization having valid authority letter from competent authority i.e. CMD / MD / Chairman.

Brief Description & Scope of Work

SCOPE OF WORK

Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) installed in ESI Medical College and Hospital Joka Kolkata for a period of Two Years 2025-2027 based on performance of the OEM/Authorized Service Provider on same quoted rate.

The scope of work as mentioned below are the minimum expected from the firm / agency/ contractor apart from break down maintenance and any other work required for operation and maintenance in proper way as per the operation & maintenance manuals of respective equipment and as per good engineering practices will be required to be done under this scope of work. Successful bidder will make Performa for recording the following minimum work schedule/parameters and show to the Hospital authorities to ensure proper accomplishment of these tasks.

Equipment detail

1. **Chiller, : make Carrier, machine Model 30 XA1102, capacity -300 TR per machine, Total -10 Nos -Qty-05 nos (Hospital) + 05 (Medical College)**

SLNO	Location	Model Number	Description	Serial No
1	Hospital Building	30 XA1102	Carrier make	XAL-3052
2	Hospital Building	30 XA1102	Carrier make	XAL-3055
3	Hospital Building	30 XA1102	Carrier make	XAL-1034
4	Hospital Building	30 XA1102	Carrier make	XAL-3053
5	Hospital Building	30 XA1102	Carrier make	XAL-3057
6	Medical College Building	30 XA1102	Carrier make	XAL-1032
7	Medical College Building	30 XA1102	Carrier make	XAL-1033
8	Medical College Building	30 XA1102	Carrier make	XAL-1036
9	Medical	30 XA1102	Carrier make	XAL-3056

	College Building			
6	Medical College Building	30 XA1102	Carrier make	XAL-3054

Low side Equipment

2. AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block)
3. **Primary pump:5(Medical College) + 5 (Hospital)**
4. **Secondary pump :5(Medical College) + 5 (Hospital)**
5. **Hot water pump:4(Medical College) + 4 (Hospital)**
6. **Associated electrical starter panels.**

Risk Protection Contract/Comprehensive Maintenance Contract for Central Plants

Carrier/Authorized Services Provider shall check and render preventive maintenance service to all the equipment every 3 months i.e., four times in a year during the currency of the contract. Carrier/Authorized Provider will also attend/arrange to attend all normal break-downs if any, on call basis.

COMPREHENSIVE ANNUAL MAINTANENCE CONTRACT FOR CHILLERS QUARTERLY (Preventive Maintenance) 04 TIMES IN A YEAR:

1. To visit & check the operating parameters of all the chillers every quarterly.
2. To review the previous months operating log records and alarm history.
3. To clean the electrical panel every quarterly with air blower.
4. To check the system operating pressures and temperatures to ensure proper operating conditions of pumps.
5. To check for sign of leakage of refrigerant (leak repairing will extra cost.)
6. To check the operation of safety control/ microprocessor.
7. Tightening the entire electrical contractor terminals.
8. To check the compressor motor starter and associated interlocks etc.
9. Cleaning the all the electrical connection.
10. To attend the minor breakdowns as & when call upon to do so.
11. Inspect vibration eliminators for secureness and damage-physical inspection can be done and reported, however the working efficiency cannot be ascertained.
12. Test secureness of mounting points and tighten all major points.
13. Measuring operating voltage and ampere and record readings.
14. Inspect starter for signing of wear, arcing overhauling burns etc.
15. Inspect wiring and connections for signs of wear, arcing overheating, burns etc.
16. Check high compressor motor temperature.
17. Check leakage in compressor.
18. Check high pressure safety switch.
19. Verify the refrigerant charging.
20. Inspect unusual vibration & noise (if any).

21. Inspect moisture indicator for evidence of moisture.
22. Record the compressor suction and discharge pressure.
23. Record compressor oil pressure.
24. Check the condenser fans to ensure guards are in place and free of obstruction.
25. Check condenser fan motors and bearings.
26. Vendor to discuss with admin the plan for the quarterly maintenance before the PPM activity and MIS report after PPM.
27. Vendor shall give the inputs on the in-house maintenance.
28. Intimate customer for upcoming spare parts requirements and advise for long and healthy life of chiller.
29. **Full range of monitoring Diagnostics, analysis, recommendations Optimization of your equipment as per requirement.**
30. Checking of leakage and repair/ replacement/ adjustment of pump, seals, glands, valve glands, gaskets, etc
31. Checking and rectification/ replacement of all bearings required for healthy operation of the system.
32. Inspection of terminal connection, supply modules and insulation checking of the motors.
33. To provide and replace internal oil filters, as & when required during the contract period.
34. To provide and replace refrigerant driers, as & when required during the contract period.
35. To inspect the oil quality and replacing the same, if required.
36. To clean all the contactors during the annual visit.
37. Intimate customer for upcoming spare parts requirements and advise for long and healthy life of chiller.
38. **Half yearly details parameter monitoring of chiller systems (through NST and Laptop) for Diagnostics, analysis of chiller health, and submit report to customer.**
39. **Periodical software up-gradation in chillers.**
40. **Chiller should services under supervision of OEM service engineers towards proper execution of maintenance.**
- B. ANNUAL SHUTDOWN INSPECTION:**
41. Overhauling the chiller motors as per requirements during the contract period.
42. To inspect the greasing and replacing the same, if required.
43. To clean all the contactors during the annual visit in chillers panel.
44. Check the chilled water flow by checking pressure drop across the chiller.
45. **Annual overhauling of the whole air conditioning systems will be done during winter season.**
46. During this annual overhauling the whole system should be checked by the OEM expert service engineers.
47. Service provider will take prior permission from customer for fixing the Time Schedule for annual overhauling.
48. Service provider shall assess the spare requirement which will be required during the annual overhauling period and submit the same at least three months in advance (considering availability of the spares from the contractor) before the annual overhauling of the systems.
49. Service Provider shall carry out the total maintenance work for chiller units in all respect for healthy operation of the unit.
50. Record keeping of equipment status

51. Maintain the daily running Log sheet
52. Maintain record of status of different equipment
53. Brush fins and clean with mild detergent annually as per site conditions.

C. SPECIALLY INCLUDED:

54. To attend to the complaints as and when called for.
55. Any electronics communication parts, drier core of chillers will be providing under this contract including compressor oil, refrigerant as per requirements.
56. Repairing of the leakages except pertaining to the heat exchangers (condenser coil & cooler).
57. To attend to the complaints as and when called for.
58. To provide any spare covered under the scope of our offer.

2. COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR LOWSIDE ITEMS PUMP/ AHU'S/ ELECTRICAL PANELS.

SCOPE OF WORK:

D. QUARTERLY (Preventive Maintenance) 04 TIMES IN A YEAR:

59. To visit & check the operating parameters of all low side equipment's i.e. circulation pumps, ahu's, electrical panels every quarterly.
60. To review the previous months operating log records and alarm history.
61. To clean the electrical panel every quarterly with air blower.
62. To check the system operating pressures and temperatures to ensure proper operating conditions of pumps.
63. To check for sign of gland leakage and remedy.
64. To check the operation of safety control/ microprocessor.
65. Tightening the entire electrical contractor terminals.
66. To check the compressor motor starter and associated interlocks etc.
67. Cleaning the all the electrical connection.
68. To attend the minor breakdowns as & when call upon to do so.
69. Inspect vibration eliminators for secureness and damage-physical inspection can be done and reported, however the working efficiency cannot be ascertained.
70. Test secureness of mounting points and tighten all major points.
71. Measuring operating voltage and ampere and record readings.
72. Inspect starter for signing of wear, arcing overhauling burns etc.
73. Inspect wiring and connections for signs of wear, arcing overheating, burns etc.
74. Check high motor temperature.
75. Check motor seal/ gland.
76. Inspect unusual vibration & noise .
77. Vendor to discuss with admin the plan for the quarterly maintenance before the PPM activity and MIS report after PPM.
78. Vendor shall give the inputs on the in house maintenance.
79. Intimate customer for upcoming spare parts requirements and advise for long and healthy life of chiller.
80. Full range of monitoring Diagnostics, analysis, recommendations Optimization of your equipment as per requirement.
81. Checking of leakage and repair/ replacement/ adjustment of pump, seals, glands, valve glands, gaskets, etc
82. Checking and rectification/ replacement of all bearings required for healthy operation of the system.
83. Inspection of terminal connection, supply modules and insulation checking of the

motors.

- 84. Cleaning of Cooling Tower (in case of water cooled) Strainer.
- 85. Checking of CT Fan/ Motor and other mechanical parts.(in case of water cooled)
- 86. Supply module motors (if any)
- 87. Checking, inspection, rectification of AHU starter, fuses, supply modules and other electrical components.
- 88. Cleaning of AHU coolers above ceiling as per requirement.
- 89. Cleaning of Air Filters of AHU.
- 90. Maintenance of Fresh Air Fan/ Motor
- 91. Control panel Tightness checking
- 92. Control panel Annunciation checking
- 93. Control Interlock/ protection checking

B. ANNUAL SHUTDOWN INSPECTION:

- 94. Overhauling the pump motors as & when required during the contract period.
- 95. Overhauling the AHU's motor as & when required during contract period
- 96. To inspect the greasing quality and replacing the same, if required.
- 97. To clean all the contactors during the annual visit.
- 98. Check the chilled water flow by checking pressure drop across the chiller and water balancing to be done periodically.
- 99. Annual overhauling of the whole air conditioning systems will be done during winter season.
- 100. The total plants will be overhauled once in a year preferably during winter months. Total maintenance of the entire system will be carried out in all respect for healthy operation of the system.
- 101. During this annual overhauling the whole system should be checked by the expert service personal.
- 102. Carrier will take prior permission from customer for fixing the Time Schedule for annual overhauling.
- 103. Carrier shall assess the spare requirement which will be required during the annual overhauling period and submit the same at least three months in advance (considering availability of the spares from the contractor) before the annual overhauling of the systems.
- 104. Carrier shall carry out the total maintenance work for chiller units in all respect for healthy operation of the unit. Record keeping of equipment status
- 105. Maintain the daily running Log sheet
- 106. Maintain record of status of different equipment

C.SPECIALLY INCLUDED:

- 107. To attend to the complaints as and when called for.
- 108. Any parts will be providing under this contract including belts

PUMPS:

- 109. Primary pump:5(Medical College) + 5 (Hospital)
- 110. Secondary pump :5(Medical College) + 5 (Hospital)
- 111. Hot water pump:4(Medical College) + 4 (Hospital)
- 112. Associated electrical starter panels.

Servicing:

12 routine Service visits during twelve calendar months and Emergency visits, if necessary in case of breakdown to ensure that the pumps are always available in a

serviceable condition operation. The service shall include repair or replacement of motor winding, VFD drives, bearings, couplings, and no extra charge shall be paid for the replacement of the above.

B. Man power to be provided at site:

S.NO	Description	Qty	Category	Qualification
1	Operation and maintenance of HVAC complete system	5	Skilled	ITI with five years' experience specifically in HVAC High side and low side and Operation of HVAC of complete system.

C.SPECIALLY INCLUDED:

- To attend to the complaints as and when called for.
- Any parts will be providing under this contract including compressor oil, filters, and refrigerant.
- Brush painting of rusted portion of equipment as per requirement. Painting of Equipment as whole is covered under contractor's scope.
- Checking and any modification of plant, welding work/masonry work, carpentry work/rewiring/ ducting/ insulation/ rewiring of panel if required to be done on chargeable basis.
- Replacement of compressor, cooler or condenser as a whole, if required, to be done on chargeable basis.
- Inspection of Pipeline laid inside plant room to be done. Any repairing/modification to be done on chargeable basis.
- Repairing of compressor and condenser coil as a whole should be included in the scope of CAMC.
- Accessories equipment such as water supply lines, drain lines, relief lines, pressure gauges, thermometers etc in Chiller side and high side equipment if required to be done under scope of work.
- Any kind of atmospheric /normal wear and tear, corrosion, chemical pollution or rusting/ pitting of the plant/ heat exchangers.
- The repair/ service of High side equipment such as ducting, grills, Pipeline outside of Plant room etc.
- Cleaning of equipment external (like drain piping) to the equipment
- Repairs or replacement of Existing water piping/gate valve/globe valve, modulating and mixing valve, make upwater and expansion tank, insulation of chiller, ducting, sheet metal, outdoor condenser coils, refrigerant piping, back cover, front grille, dampers, grills, diffusers, false ceiling, doors, locks, gasket, heating elements, auto defrost system, hinges, doorbell, light fixtures and bulbs.
- Any kind of masonry, structural and carpentry works.
- Cooling tower structural, fills, louvers and air washer internals.
- Painting of plant and associated equipment.
- Main electrical panel for the system with all components.
- Repairs to or replacement of, electrical installation like cabling, switch boards, isolators, panels, strip heaters, ammeters, voltmeters and other such instruments external to the equipment.
- Attending Breakdown Call if needed at any time &urgent repairing consider hospital

service. The technician should be made available in this hospital in general hours to attend emergency calls at your own cost.

	Sl No	Description	Quantity
	1	Flow switches	All
	2	Bellows (200-300 mm)	All
	3	Butterfly valves (various sizes-50 mm to 300 mm)	All
	4	Makeup tanks and associated pumps	All
	5	Pressure gauges	All
	6	Insulation around chiller line	All
	7	Gate valves (300 mm)	All

Note:

1. Tender is for job contract of CAMC of High Side of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and Primary pump:5(Medical College) + 5 (Hospital),Secondary pump :5(Medical College) + 5 (Hospital),Hot water pump:4(Medical College) + 4 (Hospital) and Associated electrical starter panels.at roof top of ESIC Medical College and Hospital, Joka.
2. Contractor / Bidder must give an affidavit that they will submit the authority letters specifically for this project from the respective OEM (original equipment manufacturer) within 7 days of the award of the contract failing which strict disciplinary action will be taken against the bidder including imposing of penalty and recovery shall be imposed on pro rata basis.
3. In the tender, either the manufacturer or its authorised dealer can be considered as valid Bidders.
4. In case, where the manufacturer has submitted the bid ,the bid of its authorized dealer will not be considered and EMD will be returned. And in case
5. All the Equipment's covered in this contract have to be maintained as per the standards of the original manufacturing company during the warranty period as well as AMC.
6. The warranty would be on-site and comprehensive in nature and back to back support from the OEM. The vendor will warrant all the spares against defects arising out of faulty design, materials and workmanship etc..
7. The Chiller and AHU, FCU and High Side Equipment's installed at site of Carrier Make so for carried out the maintenance work for this High Side Equipment's only OEM i.e., M/s Carrier Air Conditioning & Refrigeration Limited and Their Authorized Bidders/Vendor is only eligible to participate in this Bid with fulfilling tender criteria or experience criteria or Manpower compliance.
8. The works shall be carried out in accordance with CPWD specifications

wherever CPWD specifications are not available / applicable, such items / piece of works will be carried out as per BIS / NBC / manufacturers specifications & operation manuals and sound engineering practices etc. and as per direction of engineer.

1. During the term of the contract, the vendor will maintain the equipment in perfect working order and condition and for this purpose will provide the repairs and maintenance services as under:

Type of Service	CAMC(High , lowside)
Preventive Maintenance	Every Quarter
Breakdown Maintenance	Within 8 hours of complaint

9. The Contractor shall put all out efforts to address the complaints as immediately as possible. However, a tentative timeline for various natures of complaints are given within which the complaints are supposed to be attended by the Contractor without fail so as to maintain the hospital services smoothly.
10. All required registers will be issued by Engineer-in-charge duly marked in chronological order but the contractor will have to arrange all such registers/stationery etc. nothing extra shall be paid on this account. The contractor will have to arrange all the required Computer, furniture etc. at his own cost pertaining to his job and he will take all these things back only after the expiry of the agreement for which nothing extra shall be paid.
11. Workmen employed by the contractor should be well behaved, polite & courteous and the worker will clean the place where he has worked while attending the complaints . Any complaint against staff for bad behavior shall be taken very seriously and such staff shall be removed by the contractor within five days from the site and arrangement of suitable substitute for the same shall be done by contractor failing which the Engineer-in-Charge shall make recovery from contractor's bill as per corresponding condition.
12. Safety of the staff employed will be the responsibility of the contractor and any damage caused by the workman shall be compensated by agency, ESIC shall not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/ accepted by the department.
13. Operations in which assistance shall be provided by the maintenance agency / contractor to ESIC
 - (i) Contractor or his authorized representatives / nodal officials shall ensure connectivity on mobile round the clock so that they can be contacted by the ESIC officials / authorities so as to make them aware about the urgency of the situation in connection with the maintenance of the essential services in the hospital. Contractor shall provide alternate mobile / telephone nos. for ease of communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various

items under this contract will be inclusive of this obligation.

14. All T&P including ladders, wire drawing equipment, chase cutting equipment, drilling machine megger insulation, earth resistance testing equipment etc. required for the work shall have to be arranged by the contractor No T&P shall be issued by the Department.
15. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
16. The contractor shall take all precautions to avoid accidents by exhibiting caution boards, red flags, red lights and providing necessary barriers and all other measures required from time to time. The contractor shall be responsible for all damages and accidents due to negligence on his part.
17. Other agencies may also be simultaneously executing some other work entrusted to them by the Engineer-in-charge and the contractor shall offer necessary cooperation wherever required to these agencies so as not to interfere with or hinder the progress or completion of the work being performed by other contractor (s). He shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-charge.
18. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials, the contractor shall be bound to follow all such restrictions and adjust the programme for execution accordingly. Nothing extra shall be paid for idle labour due to such construction.
19. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
20. All the malba or rubbish obtained from dismantling or otherwise during the execution of work shall be collected in the mobile container arranged by contractor free of cost of suitable size placed near the working place. The malba or building rubbish so collected shall be disposed off to the specified common disposal point as decided by the Engineer-in charge, where from the contractor

will finally disposed off the collected malba or rubbish to the authorized municipal dhalao/dumping ground. In no case the malba / building rubbish shall be allowed to dump at ground near the working place. A recovery of **Rs.1000/-** shall be made by engineer-in- charge for every default per day till the final disposal of malba only after issuing a notice in writing by engineer-in-charge of work. No residential accommodation shall be provided to any of the staff engaged by the contractor.

21. The contractor shall also not be allowed to erect any temporary set up for staff in the campus. The contractor shall depute required technical and non – technical / supporting personnel for carrying out civil and electro – mechanical maintenance works as per manpower deployment schedule vide Form (FB) – 1 so that the essential services should not get hampered in any manner for hospital and dispensaries & also for residential accommodations.
22. Contractor shall be fully responsible for any damages caused to Hospital property by his or his labour in carrying out the work and same shall be rectified by the contractor at his own cost.
23. The Contractor shall follow, observe and comply with all applicable laws, rules, regulations and procedure including all Govt. of India and concerned Local Authority rules, procedures and regulations while performing Work under the Contract including planning, designing, detailing, executing, supervising etc. and obey instructions, rules and regulations of Agencies having jurisdiction as issued or applicable from time to time. The contract price and the rates under the Contract shall be deemed to be inclusive of all expenses required for complying with all such applicable laws, rules, regulations and procedures. The Contractor shall at all times safeguard the interests of the employer in performing the work under his scope.
24. The contractor shall maintain sufficient quantity of materials and spares at site to meet the requirement of attending the complaints as per direction of the Engineer-in-charge. Stores / bins, if available, shall be handed over to the contractor for storing the material.
25. The contractor shall have to carry out the work other than day to day maintenance according to programme given by the Executive Engineer / Assistant Engineer / Junior Engineer-in-charge. The contractor shall have to adhere to this programme failing which he shall be wholly responsible if or any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His / her name and Signature shall be attested by the contractor for record in the department.

26. No special repairs and addition/ alteration work shall be carried out in any building without the approval of the representative of the Engineer-in- charge. Any work carried out without approval of the representative of the Engineer-in-charge at the site, the work shall be rejected and shall not be measured and paid for.
27. All dismantled material shall remain the property of the ESIC and shall be taken away by the contractor after taking approval of Engineer-in-charge of ESIC in writing for dismantled materials for which deduction will be made accordingly from contractor bills. Chases, holes & drilling works etc. shall be done using power operated tools by observing due diligence so that the existing structure / facilities should not get unduly disturbed / maintenance / disfigured. In case of any accident during the operation / Maintenance of the equipment leading to injuries/damages to human being equipment or loss of life, the contractor shall be fully responsible for settling all claims & indemnify the department against any claims arising out of such accidents.
28. PENALTY CLAUSE FOR CAMC: Any penalty due during the Warranty/CAMC period will be adjusted against the bills payable or retention money retained by the ESIC as per following in case of non-satisfactory services provided under Warranty/CAMC:

S.NO	Type of Defective Service	Penalty Amount / LD
01.	Penalty for every Equipment which is not repaired post completion of 72 hours of reporting the complaint till the day the complaint is rectified.	Rs 1000/- per Equipment per day till the day of rectification
02.	Penalty for not doing the Preventive Maintenance or Vendor does not fulfill the provisions of the contract in a quarter	only the proportionate maintenance charges for that period during the month will be considered payable by ESIC without prejudice to the right of the ESIC to terminate the contract.
03.	Penalty for non-responsiveness to the calls of the ESIC to repair or replace the faulty ACs equipment. If the vendor could not resolve the issues or not showing any interest to	ESIC will arrange to rectify the same through any other agency and recover the losses from

	resolve the issue or nonresponsive to ESIC's calls	the vendor by suitable deductions from the bills payable to the vendor or from the Security Deposit and contract cancelled.
04.	Penalty for losses to ESIC's property while performing the PM or repair works on account of any negligence, mishandling, non- adherence to the required safety protocols, commission or omission by the technicians of the Vendor and if any loss or damage caused to the Equipment or any ESIC's property	Contractor to rectify or shall make good of the losses suffered by the ESIC or ESIC will recover the actual amount incurred by ESIC.

Estimated Cost:

Description of works:-	1 year Estimated Cost 2025- 2026	2nd year Estimated Cost 2026- 2027	Total Estimated Cost 2025-2027	EMD 2 %	Rate submitted / quoted
<u>Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs- 40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(medical College)+12Nos(Hospital Building), HRU- 22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block)</u> installed in ESI Medical College and Hospital Joka Kolkata for a period of Two Years <u>2025-2027</u>	Rs.14541052.00/-	Rs.15268105/-	Rs.29809157.00	Rs.596183.14	Submitted [Yes/No]

***For Annual repair work separately AA &EA will accorded for individual work as per requirement and brief scope of work decided by Competent authority.**

Note:

- i) The above list is not exhaustive but may include various other equipment/ services which may be added/ deleted as per necessity/ decision of ESIC from time to time.

- ii) Out of the above mentioned lists, for equipment for which AMC is already in place shall be handed over to the agency after completion of the existing AMC or as decided by ESIC.
- iii) The work for above sites to be taken up shall be intimated separately.
- iv) AMC/CAMC contract already awarded for certain electromechanical equipment, the same may be taken over after completion of Contract period of ESIC.

Special & Particular Conditions:

- shall maintain separate bank account for transactions from ESIC and interest accrued shall be credited to ESIC.
- Manpower attendance register with necessary cross checks is to be maintained properly.
- Uniform, ID Card, tools & plants, safety gears i.e. gloves, boots, helmets, rain coats, etc. to the deployed manpower have to be provided by the agency.
- The Working Staff should be professionally qualified and must be trained.
- The agency shall ensure that necessary complaint registers are maintained for lodging of complaints by the end users. The complaint registers shall be periodically monitored by responsible Engineer(s) of , so as to ensure that the complaints are attended in time by the contract agencies. After attending of each complaint, necessary signature of the complainant/end user shall be obtained as a token of acceptance. ESIC reserves the right to inspect the Complaint registers as and when necessary, so as to ensure smooth execution of works and to regulate advance fund deposits
- The site for the work is readily available as the ARMO work is to be carried out in the running hospital / dispensary buildings and their premises having residential buildings and other ancillary structures and the desirous agencies can inspect the Hospital and attached Dispensaries, Staff quarters & Offices Area on any working day.
- Conditional bids if any shall summarily be rejected.

The ESIC will assign the following types of Repairs & Maintenance works to AGENCY for carrying out comprehensive Repairs & Maintenance of its existing infrastructure comprising of Hospital, Medical College, Hostels & Staff Quarters.

Manpower Deployment:

1. Deployment of adequate manpower like Mason, plumber, carpenter, Helpers, sewer man, supervisor etc. so as to ensure round the clock services of Hospital/ Medical College/ Hostels/ Staff Quarter for smooth functioning of the same.

2. Manpower attendance register & Adhaar based BAS is to be maintained properly.
3. Uniform, ID card have to be provided to each and every staff by the .. Agency
4. The Working Staff should be professionally qualified/ experienced and must be trained.
5. The agency shall indemnify ESIC from all liabilities that may arise out of action taken by the sub-contractor engaged by the . The shall ensure Compliance to all statutory for uniform including different labour laws as in existence during the period of contract.
6. The selected agency will solely liable/ responsible for giving minimum wages, E.S.I, P.F, bonus etc. as applicable according to the Central Minimum Wages Act 1961 to each of the workers engaged by them. Failing of which strict action as deem fit will be taken by the local authority of ESIC Hospital, Joka.
7. Failure of compliance of the Labours Laws will make the Contract liable to be cancelled.
8. The agency will not allow his employees to participate in any trade union activities or agitation in the premises during his working hours in the hospital.
9. The agency shall give all the PPE like safety shoes, gloves, helmet, jacket, safety belt etc. to the labours/ workers.
- 10.The agency shall ensure that the workers will wear proper uniform with name plate which will be given by the contractor.
- 11.For any accident/ injuries of workers ESIC will not be responsible.

Sd/-
Dean
**Employees' State Insurance Corporation,
ESIC Hospital & Medical College, Joka, Kolkata – 700104.**

FORM OF PERFORMANCE SECURITY BANK GUARANTEE BOND

In consideration of the Employees' State Insurance Corporation having agreed under the terms and conditions of the Agreement no. dated made between Employees' State Insurance Corporation and Second Party (here in called the said Contractor for the work hereinafter called the said agreement) to production of irrevocable bank guarantee for Rs. (Rs. only) as a Security/Guarantee from the Agency for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We (hereinafter referred as to "The Bank" hereby) (indicate the name of the bank) Undertake to pay to the Employees' State Insurance Corporation an ant not exceeding Rs. (Rs.only IN WORDS) on demand by the Employees' State Insurance Corporation.

2. We do hereby undertake to pay the ants due and payable under this Guarantee without any demure, merely on a demand from the Employees' State Insurance Corporation stating that the ant claimed is required to meet the recoveries due or likely to be due from the Second Party. Any such demand made on the Bank shall be conclusive as regards the ant due and the payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an ant not exceeding Rs.....(Rs. only IN WORDS)

3. We, the said bank further undertakes to pay to the Employees' State Insurance Corporation any money that is demanded notwithstanding any dispute or disputes raised by the Second Party in any suit or proceeding pending before any court or Tribunal relating thereto, a liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of a liability for payment there under and the Second Party shall have no claim against us making such payment.

4. We further agree that the guarantee herein contained shall remain in full force and effect during the period that would take for the performance of the said agreement and that it shall continue to enforceable till all the dues of the Employees' State Insurance Corporation under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or Engineer-in-charge on behalf of the Employees' State Insurance Corporation certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Second Party and accordingly discharges this guarantee.

5. We(indicate the name of Bank) further agree with the Employees' State Insurance Corporation that, the Employees' State Insurance Corporation shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employees' State Insurance Corporation against the said Second Party and to bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by

reason of any such variation, or extension being granted to the said contractor or for any forbearance, act of omission on the part of the Employees' State Insurance Corporation or any indulgence by the Employees' State Insurance Corporation to the said contracts or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank of the agency.

7. Welastly undertake not to revoke this guarantee except with the previous consent of the Employees' State Insurance Corporation in writing.

8. This guarantee shall be valid up to Unless extended on demand by Employees' State Insurance Corporation. Notwithstanding anytime mentioned above, our liability against this guarantee is restricted to Rs.(Rs. only) and unless a claim in writing is lodged with us within six months of the date of expiry of the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated Day of

For(indicate the name of Bank)

Integrity Pact

To,
Dean,
ESIC ESIC Hospital & Medical College-Occupational
Disease Center, Nandanagar,
Joka, Kolkata-452011.

Sub: Submission of Tender for the work

Dear Sir,

I/We acknowledge that ESIC is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by ESIC. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, ESIC shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/ bid.

Yours faithfully

(Duly authorized signatory of the Agency)

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of ESIC

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of 20

BETWEEN

ESIC represented through Dean, ESIC ESIC Hospital & Medical College, Nanda Nagar Joka, Kolkata

(Hereinafter referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....

(Name and Address of the Central / State Government Organizations / Public Sector Undertakings (I)) through (Details of duly authorized signatory) (Hereinafter referred to as the " **AGENCY**" and which expression shall unless repugnant to the meaning or context thereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for (Name of work)..... hereinafter referred to as the "Contract".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

- (1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s)

confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

- (c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- (2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

- 1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/ Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/ representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be

allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a wilful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
- 5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process of terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
- 2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes

corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4;

1. The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5;

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/ Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, ESIC.

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, ESIC.

Article 7- Other Provisions

- 1. This Pact is subject to Indian Law, place of performance and jurisdiction is the office of the Principal/Owner, who has floated the Tender.
- 2. Changes and supplements need to be made in writing. Side agreements have not been made.
- 3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
- 5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- Legal and Prior Rights

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of fowing witnesses:

.....

(For and on behalf of Principal/Owner)

.....

(For and on behalf of Bidder/Contractor)

WITNESSES:

1

2

(Signature, name and address)

(Signature, name and address)

Place:

Date :

Sd/-

Dean

Employees' State Insurance Corporation,
(Address & Phone No., E-mail etc. to be inserted)

BID-SECURITY/EMD DECLARATION FORM

Bid No: _____

Date: _____

To,

Dean,
 ESIC ESIC Hospital & Medical College-Occupational
 Disease Center, Nandanagar,
 Joka, Kolkata-452011.

Sir, I/We, the undersigned, declares that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security/EMD Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of two year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

(a)	have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
(b)	Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) Fail or reuse to execute the contract, if required, or (ii) Fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed:

(Insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name:

(Insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of: (insert complete name of Bidder) Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

Note:

1. In case of a Joint Venture, the Bid Security Declaration must be In the name of all partners to the Joint Venture that submits the bid.
2. Bid Security declaration must be signed in by the Proprietor/CEO/MD or equivalent level of Officer of the company.

(On the Letter Head of the Organization)

PRICE BIDPlease quote the Rate

Comprehensive annual maintenance contract including operation of Chiller, : Make Carrier, Machine Model 30 XA1102, capacity -300 TR per machine, Qty-05 no's (Hospital) + 05 (Medical College)-10Nos and AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) for two year 2025-2026 & 2026 -2027.					
SL.NO	Description	Unit	Qty	1st Year Maintenance Cost Inc GST (01.04.2025 to 31.03.2026)	2nd Year Maintenance Cost Inc GST (01.04.2026 to 31.03.2027)
1	COMPREHENSIVE ANNUAL MAINTANENCE CONTRACT FOR CHILLERS QUARTERLY (Preventive Maintenance) 04 TIMES IN A YEAR Chiller Make Carrier, Machine Model30XA1102 Capacity 300 Tr per machiner, Total -10 Nos-Qty -5 Nos(Hospital +Medical College)	Job	1		
2	COMPREHENSIVE ANNUAL MAINTANENCE CONTRACT FOR LOWSIDE ITEMS PUMP/ AHU'S/ ELECTRICAL PANELS. Low side Equipment 1. AHUs-40 Nos(Medical College)+18 Nos(Hospital), CAHU-38Nos(medical College)+12Nos(Hospital Building), HRU-22Nos(hospital Building)+1Old Hospital Building(8Th floor)+7 admin building block) 2. Primary pump:5(Medical College) + 5 (Hospital) 3. Secondary pump :5(Medical College) + 5 (Hospital) 4. Hot water pump:4(Medical College) + 4 (Hospital) Associated electrical starter panels	Job	1		

3	12 routine Service visits during twelve calendar months and Emergency visits, if necessary in case of breakdown to ensure that the pumps are always available in a serviceable condition operation. The service shall include repair or replacement of motor winding, VFD drives, bearings, couplings, and no extra charge shall be paid for the replacement of the above. Qty-5 Nos(skilled)-(ITI with five years' experience specifically in HVAC High side and low side and Operation of HVAC of complete system.)	Job	1		
4	Excluding Items Scope of works such as Ducting, Piping, insulation, damper, actuator including painting etc.				
	Supply, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.				
6	Thickness 0.63 mm sheet	sqm	300		
7	Thickness 0.80 mm sheet	sqm	100		
8	Thickness 1.00 mm sheet	sqm	50		
9	Thickness 1.25 mm sheet	sqm	50		
10	Supply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, flanges etc, as per specifications	sqm	20		
	Supply, installation, testing and commissioning of Motorized (ON-OFF Type) duct mounted GI volume control damper with enthalpy sensor and necessary control wire (minimum 1.5 sqmm) for integration within AHU room				
11	Damper	sqm	10		
12	Actuator	each	50		

13	Supplying, fixing testing commissioning of supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core.	each	5		
14	Supplying, fixing testing commissioning of Return air diffusers of powder coated aluminium without volume control dampers with anti smudge ring & removable core.	each	5		
15	Supplying, fixing acoustic lining on wall and ceiling of AHU rooms with 50mm thick, density 32 kg/cu.m resin bonded glass fiber insulation friction fixed in 610mm x 610 mm frame work made of 25X50X50X50X25 mm made out of 0.6mm thick GI sheet U shaped channel and covered with reinforced fiber glass tissue and finished with 0.80 mm perforated aluminium sheet etc. complete as required and as per specifications	sqm	100		
16	Supplying and fixing 50 mm thick aluminium foil faced resin bonded fibre glass insulation (on duct) of density 24 kg/cu.m or mineral wool insulation(non combustible) of density 44 kg/cu m after applying two coats of cold setting adhesive (CPRX compound) sealing all joints with self adhesive aluminium tape & covering with 0.63mmx19mm GI wire mesh netting butting all joints and laced with GI wire complete as per specifications and as required. (for indoor applications).	sqm	300		
	Supplying and fixing of following thickness duly laminated aluminum foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required.				
17	19mm	sqm	500		
18	25mm	sqm	300		
19	Painting with primer and finish paint	sqm	10000		

	Filter for HVAC				
20	Combined filter (flange type)	Each	125		
21	Cassette type Filter	Each	15		
22	Pre filter	Each	10		
23	Fine filter	Each	10		
	Total Amount (inc GST)				
	Gross Total Amount (inc GST) 1st Year and 2nd year.				

C.SPECIALLY INCLUDED:

- To attend to the complaints as and when called for.
- Any parts will be providing under this contract including compressor oil, filters, and refrigerant.
- Brush painting of rusted portion of equipment as per requirement. Painting of Equipment as whole is not covered under contractor's scope.
- Checking and any modification of plant, welding work/masonry work, carpentry work/ rewiring/ ducting/ insulation/ rewiring of panel if required to be done on chargeable basis.
- Replacement of compressor, cooler or condenser as a whole, if required, to be done on chargeable basis.
- Inspection of Pipeline laid inside plant room to be done. Any repairing/modification to be done on chargeable basis.
- Repairing of compressor and condenser coil as a whole should be included in the scope of CAMC.
- Accessories equipment such as water supply lines, drain lines, relief lines, pressure gauges, thermometers etc in Chiller side and high side equipment if required to be done under scope of work.
- Any kind of atmospheric /normal wear and tear, corrosion, chemical pollution or rusting/ pitting of the plant/ heat exchangers.
- The repair/ service of High side equipment such as ducting, grills, Pipeline outside of Plant room etc.
- Cleaning of equipment external /internal (like Chiller, AHUs, Motors , Filters drain piping, AHU room) to the equipment
- Repairs or replacement of Existing water piping/gate valve/globe valve, modulating and mixing valve, make upwater and expansion tank, insulation of chiller, ducting, sheet metal, outdoor condenser coils, refrigerant piping, back cover, front grille, dampers, grills, diffusers, false ceiling, doors, locks, gasket, heating elements, auto defrost system, hinges, doorbell, light fixtures and bulbs.
- Any kind of masonry, structural and carpentry works.
- Cooling tower structural, fills, louvers and air washer internals.
- Painting of plant and associated equipment.
- Main electrical panel for the system with all components.
- Repairs to or replacement of, electrical installation like cabling, switch boards, isolators, panels, strip heaters, ammeters, voltmeters and other such instruments external to the equipment.
- Attending Breakdown Call if needed at any time &urgent repairing consider hospital service. The technician should be made available in this hospital in general hours to attend emergency calls at your own cost.

	Sl No	Description	Quantity
	1	Flow switches	All
	2	Bellows (200-300 mm)	All
	3	Butterfly valves (various sizes-50 mm to 300 mm)	All

	4	Makeup tanks and associated pumps	All
	5	Pressure gauges	All
	6	Insulation around chiller line	All
	7	Gate valves (300 mm)	All

I / We hereby agree to execute the work on the above-mentioned rates and term condition, total amounting to Rs _____ for the entire work and on the enclosed terms and conditions of contract of the Organization.

Signature of the contractor with seal

Address _____

Mobile No _____

Opened by us on _____

Tender Stands total amounting to Rs _____ for the entire work

COMPETANT AUTHORITY