

**Tender
For
Outsourcing of services towards Operation and
Comprehensive Maintenance of HVAC System at
AIIMS, Jodhpur**

N.I.T. No.	AIIMS-JDH/EE/ELECT/2023-24/01
NIT Issue Date	16 th May, 2023
Pre Bid Meeting	23 rd May, 2023 at 03:00 PM
Last Date of Online Submission of tender	30 th May, 2023 upto 03:00 PM
Last Date of Submission of hard copy of EMD	30 th May, 2023 upto 03:00 PM
Bid Opening	31 st May, 2023

Tender Document may be downloaded from following websites:
www.aiimsjodhpur.ac.in OR <http://eprocure.gov.in>, tenders.gov.in



All India Institute of Medical Sciences, Jodhpur

Basni Phase – II, Jodhpur – 342005, Rajasthan
Telephone: 0291- 2740741, Ext. No. 3189 email: saxenap@aiimsjodhpur.edu.in
www.aiimsjodhpur.edu.in

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Executive Engineer (E)
AIIMS, Jodhpur

NOTICE INVITING TENDER

S. No.	Particular	Remarks
1.	Name of work	Outsourcing of services towards Operation and Comprehensive Maintenance of HVAC System at AIIMS, Jodhpur.
2.	NIT No.	AIIMS-JDH/EE/ELECT/2023-24/01
3.	Contract period	03 years
4.	Total estimated cost for Two years	₹. 6,00,00,000.00
5.	Earnest Money Deposit (EMD)	₹. 12,00,000.00
6.	Tender documents	Download from following websites- www.aiimsjodhpur.edu.in http://eprocure.gov.in
7.	Pre-bid meeting	23 rd May, 2023 at 03:00 PM at Conference room, Administrative Block, Medical College, AIIMS, Jodhpur.
8.	Last date and time online of submission of tender	30 th May, 2023 upto 03:00PM
9.	Last Date of Submission of hardcopy in original of EMD	30 th May, 2023 upto 03:00PM
10.	Date of online technical bid opening	31 st May, 2023.
11.	Website for online submission of tender	https://eprocure.gov.in/eprocure/app .

*** Please read carefully the notes given with the tender Notice.**

**Executive Engineer (E)
AIIMS, Jodhpur**

Definitions:

- (i) “Client” means The Director, AIIMS- Jodhpur.
- (ii) “Institute” means All India Institute of Medical Sciences, Jodhpur
- (iii) “Engineer-In-Charge” means Executive Engineer (Electrical), AIIMS- Jodhpur.
- (iv) “Contractor / service provider / bidder” means the individual or the firm providing operation and maintenance services incorporated in the contract
- (v) “e-Tender” means Tender received from a Firm / Tenderer / Bidder.
- (vi) “e-Tenderer” means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender
- (vii) “Goods” means the articles, material, fixtures, raw material, spares, instruments, machinery, equipment, industrial plant etc. which the supplier is required to be supplied / services to the client under the contract.
- (viii) “Services” means Outsourcing of services towards Operation and Comprehensive Maintenance of HVAC System at AIIMS, Jodhpur and other such obligations of the Contractor / service provider covered under the contract.
- (ix) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- (x) “Contract” means the written agreement entered into between the Client and/or Contractor/ Service provider, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (xi) “Performance Guarantee or PG” means monetary or financial guarantee to be furnished by the successful tenderer for due Performance of the contract placed on it.
- (xii) “Security Deposit” means the amount deducted from the respective bills for works.
- (xiii) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xiv) “Inspection” means activities such as measuring, examining, testing of the product or service and comparing the same with the specified requirement to determine conformity.
- (xv) “Day” means calendar day.

Abbreviations:

- (i) “TE Document” means Tender Enquiry Document
- (ii) “NIT” means Notice Inviting Tenders.
- (iii) “GCC” means General Conditions of Contract
- (iv) “SCC” means Special Conditions of Contract
- (v) “SOW” means Scope of work
- (vi) “NSIC” means National Small Industries Corporation
- (vii) “LSI” means Large Scale Industry
- (viii) “SSI” means Small Scale Industry
- (ix) “PBG” means Performance Bank Guarantee
- (x) “GST” means Goods and Services Tax
- (xi) “FOR” means Free on Rail
- (xii) ”MOH&FW” means Ministry of Health & Family Welfare, Government of India

Instructions for the Bidder/ The service provider/ Bidders: -

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute established by an Act of Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites Online bids in two bid system for the works Operation and Comprehensive Maintenance of HVAC System at AIIMS, Jodhpur.

Instructions: -

1. Bids shall be submitted online only at CPPP website:
<https://eprocure.gov.in/eprocure/app>.
2. The complete bidding process is online. Bidders should have valid digital Signature Certificate (DSC) of class II or III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. For any assistance for e-bidding process, if required, bidder may contact to the helpdesk at 0291-2740741.
3. Bidder/service provider are advised to follow the instructions provided in the 'Instructions to the service providers/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in/eprocure/app>'.
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
5. **Criteria of eligibility:** Bidder who fulfill following requirement in last 7 (seven) years shall be eligible to apply. Joint ventures are not accepted:
Note: Completion certificate to be attached mandatorily.
“Similar works means Comprehensive Operation/Maintenance of an HVAC Water-cooled Chiller Plant of at least 1900 TR capacity.”
 - a. Three similar completed works each of value not less than 2.4Cr. or Two similar completed works each of value not less than 3.6Cr. or One similar completed work of value not less than 4.8Cr. as on 31st March, 2023.
 - b. Satisfactory job completion certificate certifying the detailed scope of work handled to include Operation & Maintenance of an HVAC Water-cooled and Air-cooled Chiller Plant, Pumps of various capacity, AHU, Cold Storage, Deep-freezer, In-line Fans, etc. must be submitted / attached with the tender. The bidder must have completed similar works in the last seven years ending 31.03.2023 with Government / Semi-government. (Details as per Annexure-III).
 - c. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate @ 7% per annum calculated from the actual date of completion of work upto 31-03-2023
6. **Turnover:** Bidder should have Average Annual Financial Turnover of ₹. 3,00,00,000.00 (Rupees Three Crore Only) during the last three consecutive financial years ending 31st March 2023 (Scanned copy of Certificate from CA with Unique Document Identification Number (UDIN) to be uploaded).
7. **Earnest Money Deposit:** The EMD amounting to ₹. 12,00,000.00 (Rupees Twelve Lakh Only) shall be deposited in favour of “**All India Institute of Medical Sciences, Jodhpur**”, Payable at Jodhpur, the same will be allowed with validity up to 180 days and of any Scheduled Bank.

The Firms registered with Micro Small Medium Enterprises (MSME) / National Small Industries Corporation (NSIC) / OR Small-Scale Industries (SSI) are exempted to submit the EMD only (Copy of registration must be provided along with technical bid). ***No other relaxation shall be allowed.*** The EMD, in case of unsuccessful Bidders shall be retained by AIIMS, Jodhpur till the finalization of the tender. No interest will be payable by AIIMS, Jodhpur on the EMD.

** The Hard Copy of original instruments in respect of earnest money deposit must be delivered to the AIIMS, Jodhpur on or before the last date of submission of bid. The bid submitted without EMD will be summarily rejected.*

8. Bidders are recommended to visit the HVAC site at AIIMS Jodhpur before quoting the rates. No claim whatsoever will be entertained in this regard.

9. Submission of Tender:

The tender shall be submitted online in two part, viz., technical bid and financial bid.

- ✓ **The offers submitted by email or any other media except CPP portal, shall not be considered. No correspondence will be entertained in this matter.**

I. Technical Bid

The following documents are to be furnished by the bidder along with **Technical Bid** as per the tender document:

- Proof of EMD submitted or exemption under MSME registration.
- Copy of Completion certificate issued by the client. (Ref. Clause-5: Criteria of eligibility)
- Copy of constitution or legal status of the bidder manufacturer / Sole proprietorship / firm / agency etc.
- Copy of Income Tax Return Acknowledgement for last Three consecutive financial years
- Copy of annual financial turnover duly authorized by CA
- Copy of PAN Card Registration.
- Copy of GST registration certificate.
- Certificates as per Annexure- I to VI.

II. Financial Bid

Price bid Form [As per BoQ] - Price must be quoted as per format specified; failing which tender shall be summarily rejected.

**Executive Engineer (E)
AIIMS, Jodhpur**

ACCEPTANCE OF TENDER CONDITION
(To be submitted on Letter Head of the Company/Firm)

TENDER NOTICE NO: AIIMS-JDH/EE/ELECT/2023-24/01

Tender for Outsourcing of services towards Operation and Comprehensive Maintenance of HVAC System at AIIMS, Jodhpur.

T E N D E R

I/We have read and examined the Notice Inviting Tender, General Conditions of Contract, Special Conditions of Contract, Scope of Work, Annexure-I to VI.

We agree to keep the tender open for from the due date of its opening of technical bid and not to make any modification in its terms and conditions.

If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the Executive Director, AIIMS, Jodhpur or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that the Executive Director, AIIMS, Jodhpur or the successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in all the conditions of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work. I/We undertake and confirm that eligible similar work(s) has/have not been executed through another contractor on a back to back basis. Further that, if such a violation comes to the notice of the Department, then I/ We shall be debarred for tendering in AIIMS, Jodhpur in future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Witness:

Signature of Contractor:

Postal Address:

Address:

Occupation:

General Terms and Conditions

1. **Rate:** Rates to be quoted as per Financial Bid (BoQ) considering costs of all required works, minimum wages for labour and all their benefits and deductions. The rates shall be quoted only in the schedule of quantities attached with the tender and nowhere else i.e. letterheads, etc.
2. **Validity:** The quoted rates and EMD must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected. In case the tenderer withdraws, modifies or changes his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The bidder should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender. In case the last date of sale / of receipt of tender / of opening the tender is declared as Holidays, the respective dates shall be treated as postponed to the next working day accordingly.
3. **Technical Evaluation:**
 - a. Detailed technical evaluation shall be carried out by Institute pursuant to conditions in the tender document to determine the substantial responsiveness of each tender. For this clause, the substantially responsive bid is one that conforms to all the eligibility and terms and conditions of the tender without any deviation.
 - b. The Institute's determination of bid's responsiveness based on the contents of the bid itself without recourse to extrinsic evidence. The Institute shall evaluate the technical bids also to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are in order. The Executive Director, AIIMS, Jodhpur shall have right to accept or reject any or all tenders without assigning any reasons thereof.
4. **Financial Evaluation:**

After due evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the lowest evaluated responsive tenderer on a composite basis. Conditional bid/s will be treated as unresponsive and will be rejected.
5. Right to issue and to accept or reject any or all tenders without assigning any reason thereof is reserved by the Competent Authority.
6. **Award of Contract:** The Institute shall consider placement of orders for jobs on those bidders whose offers have been found technical and financially acceptable. The Institute reserves the right to counter offer price(s) against price(s) quoted by L1 bidder.
7. **Signing of Contract:** The successful bidder shall be required to execute the Contract Agreement accepting all terms and conditions stipulated herein on a non-judicial stamp paper of **appropriate value** within **fifteen days** of the issue of the Letter of notification of award along with performance security. In the event of failure on the part of the successful bidder to sign the Contract within the period stipulated above, the EMD shall be forfeited and the acceptance of BID shall be considered as canceled.

8. Performance bank guarantee:

- a. Performance guarantee of the contract in accordance with all the terms and conditions specified in the tender, the successful tenderer / contractor shall furnish a Performance bank guarantee @ 3% of order value in the form of Fixed Deposit Receipt or Bank Guarantee (as per attached format) from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Jodhpur".
- b. AIIMS-Jodhpur shall have the right to encash the PBG for non-compliance of any or all the terms and conditions of the tender / contract and to recover any Liquid Damages and penalties under the contract as well as against defects in the any of the work as enumerated in the tender / contract.
- c. **Refund of PBG-** The validity of the PBG shall have to be kept valid for the complete period as per contract and will be refunded after completion of work / contract.

9. Security deposit:

- a. Security Deposit @5% will be deducted from the consecutive running bills of the Contractor or Contractor may submit Bank Guarantee against yearly billing amount as per consent of E-I-C for the works.
- b. **Refund of Security deposit:** The amount deducted from contractor's bill/s as security deposit shall be refunded after completion of contract period, all type of contractual liability of the contractor and clearance from the Engineer-In-Charge. *No interest will be paid on account of Security deposit by the institute.*

10. Authority of person signing document: A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed responsible, that he has authorize to bind the same and if, on enquiry, it appears that the person so, signing had no authority to do so, the Executive Director, AIIMS, Jodhpur may without prejudice to other Civil and criminal remedies cancel contract and held the signatory liable for all cost and damages.

11. Right of acceptance: The Executive Director, AIIMS, Jodhpur reserve the right to accepting the whole or any part or portion of the bid; and the bidder shall provide the same at the rates quoted. The Director, AIIMS, Jodhpur reserve the right to reject any or all tenders /quotations or all offers received in response to the tender or cancel or withdraw the tender notice without assigning any reason thereof and also does not bind itself to accept the lowest quotation or any tender and no claim in this regard shall be entertained. Right to issue and to accept or reject any or all tenders without assigning any reason thereof is reserved by the Competent Authority.

12. Only GST shall be paid extra as applicable from time to time. Bidder shall submit a GST invoice for monthly payment of services provided.

13. Subletting of Work: The firm shall not assign or sublet the whole work/job. The tender is not transferable.

14. Breach of Terms and Conditions: In case of breach of any terms and conditions as mentioned in tender, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the bid shall also stands forfeited.

15. Insolvency etc.: In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up,

whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice.

16. After the evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the lowest evaluated responsive bidder on composite basis. Conditional bid will be treated as unresponsive and will be rejected.
17. **Applicable Law:**
 - The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.
 - The contractor shall follow all the government labour laws, minimum wages, labour safety, labour insurance etc.
 - Any disputes are subject to exclusive jurisdiction of competent court and forum in Jodhpur, Rajasthan, India only.
 - The Arbitration shall be held in accordance with the provision of the Arbitration and conciliation (Amendment) Act 2021 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.
 - Force Majeure: Any delay due to Force Majeure will not be attributable to the service provider.
18. The rates shall be quoted only in the BOQ (schedule of quantities) attached with the tender in MS-Excel format and nowhere else.
19. **Guarantee / Warrantee Period:** The contractor will provide the warrantee / guarantee card for the material replaced during the course of contract.
20. The rates shall be quoted only in the BOQ (schedule of quantities) attached with the tender in MS-Excel format and nowhere else.
21. Any information / document required for verification shall be provided by the bidder.
22. Contractor shall be fully responsible for any damages caused to the government property by his or his labour in carrying out the work and shall be rectified by the contractor at his own cost.

Executive Engineer (E)
AIIMS, Jodhpur

Special Terms and Conditions: -**Deployment of Manpower during the entire contract period:**

MANPOWER DEPLOYMENT					
S. No.	Designation	Qualification	Experience	Minimum Number of person	Rate of Recovery Per day
1	Senior Supervisor	Diploma / B.Tech in Mechanical, Electrical, AC&R	12 years for diploma and 09 years for B. Tech in HVAC Plant as Engineer / Supervisor	01 (26 mandays)	Rs 2000
2	Supervisor	Diploma / B.Tech in Mechanical, Electrical, AC&R	05 year for diploma and 04 Year for B. Tech in Relevant field & in HVAC Plant	03 (78 mandays)	1.5 times of prevalent minimum wages applicable for Highly-skilled category
3	Technician	ITI / Diploma in AC&R/ Electrical	04 Year for ITI / 03 Year for Diploma in HVAC Plant	03 (78 mandays)	1.5 times of prevalent minimum wages applicable for skilled category
4	Plant Operator	ITI/Relevant Experience	ITI(RAC) or I.T.I with 2 year experience in Air Conditioning/HVAC Systems	05 (130 mandays)	1.5 times of prevalent minimum wages applicable for semi-skilled category
5	Assistant / Helper	ITI/Relevant Experience	I.T.I or 02-year experience in Air Conditioning/HVAC Systems	06(156 mandays)	1.5 times of prevalent minimum wages applicable for unskilled category
Total				18	

❖ Note: -

- This is the MINIMUM number of manpower; which contractor have to deploy and contractor may increase manpower if required (*AIIMS will not pay any extra for increase in manpower*).
- Contractor has to submit Qualification & Experience documents of all employees deployed at site to the Executive Engineer for approval.

- c) The contractor should submit a detailed general and shift duty chart of proposed staff to be deployed one month in advance before the start of every month and schedule of detailed works to be carried out.
- d) Any extra labour of any nature if required at any time for attending any repair/breakdown shall be deployed by the agency at his own cost for which nothing extra shall be payable.

The contractor shall make good all the damages caused to the machinery due to negligent operation and at the end of contract period he shall hand over the plant. all equipment in the contract scope shall be in good working condition and the contractor has to furnish a NOC along with the final bill of the contract.

Site will be handed over in as is condition no extra payment shall be done for any deficiencies (Bidders must visit the site before bidding).

CMC of chillers shall be executed through OEM on a back to back basis. Contractor shall submit the documentary evidence in this regard before submission of running bills.

Damage caused to Installation:

- a) In case of any damage caused to the installation due to negligence, carelessness or inefficiency of staff of the firm the contractor shall be responsible to make good at his own cost. Decision of the Engineer-in-charge shall be final & binding on the contractor.
- b) **Insurance Policies:** Contractor may take contractor's All Risk Policy and Third Party Insurance or other insurance policies, from a first class insurance company in the joint name of the contractor and AIIMS-Jodhpur and keep it valid against all loss or damages to the works, equipment, materials and properties from whatever cause arising for which the contractor is responsible under the terms of the contract, other than the expected risks, and in such manner that the client and contractor and covered for the period as stipulated for entire duration of this contract agreement if applicable.

PENALTY CLAUSE:

All the specific complaints about the HVAC system brought to the working agency shall be attended promptly. Any delay in attending the complaints shall be viewed seriously and penalty shall be imposed on the contractor as deemed fit by the Engineer-In-Charge.

- Nonfunctional System/Equipment shall be made functional within 15 days (for VFD's, Cooling tower and Pumps etc.) and 30 days (for chiller), penalty of Rs. 10,000/- per day will be deducted from monthly bills If contractor fail to rectify the fault within the Stipulated period, then penalty will be counted from date of fault in respective equipment.
- Note: - 90 days for those equipment/machines in which spares are imported.
- A penalty of Rs. 5000/- per day will be levied if the inside conditions (temperature, relative humidity, proper air flow, IAQ etc.) are not maintained for more than 24 hours on any day irrespective whether it is on account of improper maintenance of High side equipment or the low side equipment or inefficient operation or due to any breakdown.
- Repeated complaints of not achieving desired parameters, penalty of Rs. 10,000/- per day. However, there will be no compromise with respect to achieving desired parameters at respective locations, failing which the contractor has to take emergent steps to achieve the desired parameters for repairing above machines on an urgent basis.
- If the contractor is not able to rectify the fault then the Engineer in-charge will deduct the amount from the monthly CAMC bill and may utilize that amount (as penalty) to execute the work through some other agency.

On the expiry of contract / termination of the contract, the contractor shall handover the installation to the E.I.C. in proper working condition with the all fitting in intact position.

If any scheduled check or preventive maintenance and prescribed exercise is not carried out timely, suitable recovery shall be made from the bill and decision of the E.I.C. in this respect shall be final and binding on the contractor.

Contractors should follow all safety norms and provide necessary safety equipment at their own cost. In case of any accident during the operation / maintenance of the equipment leading to injuries / damages to human beings equipment and / or loss of life, the contractor shall be fully responsible for setting all claims and indemnity the department against and claims arising out of cash accidents. Consequent damages to other systems will however be recoverable from the contractor.

This contract can be terminated by the AIIMS, Jodhpur without assigning any reasons by giving a notice of 30 days at any time during the period of contract. No claim for any compensation will however be entertained due to such termination prior to the expiry of the stipulated period of contract.

All the AHU doors have to be provided by key locking arrangements in three sets. One set of keys shall be taken over by the contractor on award of work and shall be kept by the firm till the expiry / termination of the contract and other two sets shall be deposited in the office of Engineer-In-Charge. Special T & P such as anemometer, tongue tester, megger, temperature meter, sling psychrometer, digital PH & TDS meter, Multimeter etc. should be readily available at HVAC plant.

The contractor has to ensure the insurance of all the major equipment of the HVAC system (high side).

Executive Engineer (E)
AIIMS, Jodhpur

Scope of Work

1. This tender is for complete Operation and Comprehensive Maintenance of the HVAC System comprising of all the machineries & equipment installed in the HVAC Plant Room including Chillers, Cooling Towers, Primary & Secondary Pumps, Condenser pumps, VFD, Air Handling Units, Heat Recovery Units, Ventilation Fans, Lift Pressurization Unit, Hot water Generator, Cold Storage, In-line Fans, etc. throughout the period of contract for 24x7x365 basis.
2. The list of major HVAC systems at AIIMS, Jodhpur are given as per Annexure-IV-A&B.
3. Water and electricity will be provided by AIIMS Jodhpur towards Operation and Maintenance of HVAC system.
4. The minor items, instrumentation & control, field devices, control panels etc. which are accessories but not listed in Annexure-IV A&B., are part of the complete systems covered under comprehensive maintenance.
5. Also, the piping network of chilled water circulation along with their accessories insulation such as bends, tees, reducer flanges, valves, strainers outlets etc. of HVAC System are covered under comprehensive maintenance.
6. Besides, ducting with different thickness of insulation pertaining to AHU/CSU/ FCU/HRU and associated volume Control Dampers, Fire Dampers, grilles, diffusers, fusible link etc. are also covered under comprehensive maintenance.
7. The scope of work as mentioned below are the minimum expected from the firm/agency/contractor apart from breakdown maintenance and any other work required for operation and maintenance in proper way as per the operation and maintenance manuals of respective equipment or as per sound engineering practices or the work shall be executed as per CPWD general specifications & HVAC works 2017 – Appendix –H (Maintenance)/ ISHRAE/ASHRAE recommendations.
8. Bidders have to ensure that all work comes under his/her scope of contract. Any work/exigency pertaining to HVAC System of AIIMS, Jodhpur even if it is not specifically mentioned in this document shall be carried out by the contractor at no extra cost.
9. The contractor shall have to take up both operation and preventive as well as breakdown maintenance jobs comprehensively, which means it includes all provision of manpower/supervisor/ Engineer/ spares/ repairs/ replacement etc. for both high side and low side equipment.
10. The Engineer-in-Charge or his representative shall give instructions regarding the jobs to be carried out as and when requirement arises at site. The contractor shall have to carry out the jobs and complete in all respect to the entire satisfaction of the Engineer-In-Charge, such as scheduled checking/servicing/overhauling of the machines as per instructions of Engineer and maintenance schedules or recommended by manufacturers of the machines as the case may be.
11. The scope of work also includes repair/replacement/overhauling of all the parts of the machines/equipment, which become defective, inefficient or get damaged during working.
12. Regular maintenance, cleanliness & upkeep of the HVAC Plant room, AHU rooms, Cooling Tower terrace and nearby area is in the scope of the contractor.
13. The decision of the competent authority regarding repair/replacement/overhauling of any part of the machine will be final and binding on the contractor.
14. For major equipment details of HVAC system refer to **Annexure IV**.

Work to be done during Contract period:**A) Chillers:**

1. Day to Day operation and routine maintenance.
2. Check the operating parameters of all the Chillers and fill-out a daily log sheet.
3. Check all set points for proper setting and functions. Make sure there are no unusual sounds and vibrations.
4. Check settings for approved sequence/set points of operation at the beginning of each cooling session.
5. Clean evaporator and condenser tubes, when pressure drop across the barrel (tube bundle) exceeds manufacturer' s recommendations.
6. Check & Verify motor amperage load limit.
7. Check all alignments, seals, and lubrication (where necessary) of Compressor motor and assembly.
8. Perform analysis on oil and filter, change if necessary. Check the oil pump and seals. Check the oil heater. Also, inspect oil quality and submit a report to the Engineer –In-Charge, replace if required.
9. Check all electrical connections and terminals for full contact and tightness.
10. Carry out Refrigerant leak test of chillers and add refrigerant if low. Record amounts and address leakage problems.
11. Inspect control boxes, accessories, wiring and controls.
12. To check the operation of safety control/ microprocessor by conducting a control test.
13. To check / calibrate all instruments/switches/gauges for proper functioning.
14. Full range of monitoring, diagnostics, analysis, recommendations, optimization of equipment as per requirement.
15. Detailed parameters monitoring of chiller systems for diagnostics, analysis of chiller health and submit the report to Engineer-In -Charge on half yearly basis.
16. It is the contractor 's responsibility that Chillers must be checked by the authorized representative of the original manufacturer every three months and a service report is to be submitted to the Engineer in-charge. Also Chiller should be serviced under the supervision of OEM service Engineers towards proper execution of maintenance.
17. Water balancing of condenser line to be done in chiller plant once in a year and submit the report to the Engineer-In -Charge.
18. Condenser descaling with copper friendly chemicals once in a year and submit a report to the Engineer -in -Charge.
19. Water in chilled water line to be replaced once every 4-5 years during maintenance shutdown or as directed by the Engineer -in -Charge.

B) COOLING TOWER:

1. Day to day operation and routine maintenance.
2. Check the water level, oil level of the gearbox.
3. Inspect clogging of water sump, fills, nozzles. adjust bleed , float and central valves for desired water level (replace fills if required).
4. Check for unusual noise/vibration in fan and fan guard, motor drive shaft and guard, bearing etc. Also Rebalancing of fan & fan guard, driveshaft & guards.
5. Pressure-wash cooling tower and tower structure.
6. Check VFD operation, attend troubleshooting and rectify if any. Clean the VFD with an air blower .
7. Clean the sump and replace water in the sump on monthly basis.

8. Check the distribution basin for corrosion, leaks and sediments.
9. Check for any leakages in gear reducer, water basin and float valve.
10. Clean Pot Strainer & Replace the pot strainer net (If required)
11. Rewinding of Cooling Tower motor and replacement of its related accessories like terminal etc. Replacement of coupling, Spyder/bush and other related accessories as and when required.
12. Water quality such as PH, Hardness, and TDS etc. for cooling tower and chilled water line shall be monitored on a weekly basis and submit a report every month.
13. Chemical treatment of the Cooling Tower water shall be done to make it free from corrosion, deposits and biological growth.
14. Cleaning of PVC fills with suitable chemical (once in a year or as directed by E.I.C.)

C) Pumps, VFD, AHU, FCU Units:

a. Pumps & VFDs.

1. Day to day operation and routine maintenance.
2. Check for leaks on suction and discharge pipes.
3. Check for seals and packing glands etc. and any leakage from glands, seal or flange joints. Replace the seal if required.
4. Check motor and pump operation for excessive vibration, overheating, noise, etc. Motor rewinding to be done (if required). Check alignment of pumps, motor and rectify if required.
5. Lubricate pump and motor bearing (replace bearing if required).
6. Clean exterior of pump, motor and surrounding area.
7. Clean strainer, replace strainer mesh if required.
8. Check VFD operation, attend troubleshooting and rectify if any.
9. Check the connection, termination, terminal blocks, tighten and clean the panel.
10. Clean the VFD with an air blower.
11. Repair or replace VFDs if required
12. Check shaft or shaft sleeve for scoring
13. Half Yearly flow checking and submission of report to Engineer-in-Charge.
14. Quarterly service of Pump, electrical panels, replacement of MCB/MCCB etc.
15. Annual painting of condenser piping, plant piping etc. to prevent it from rusting will be done as per schedule or when intimated by the Engineer-in-Charge.

b. AHU / CSU / FCU / FAU, Air-washer, Cold Storage, Inline Fans, etc.

1. Day to day operation and routine maintenance.
2. Check the unit for noise, vibration and any abnormality.
3. Clean filters periodically as per PPM (replace filters if required).
4. Drain and clean the condensate pan
5. Lubricate, greasing motor and blower bearing (replace bearing if required).
6. Clean coil and cabinet with vacuum/blower and water pressure.
7. Use fin comb to straighten coil fin if needed
8. Check the motor belt and pulley for proper alignment (replace belt If required).
9. Check the unit's control valves, actuators, Sensors etc.
10. Clean Y-strainers (replace strainer's mesh If required).
11. check the starter panels, check tightness of contacts, clean the panel with blowers and clean the contacts with CRC if required
12. Check and maintain the cold storage as per manufacturer's manual.
13. Inspect blower blade for wear and crack or damage and replace the same if required.

14. Check pressure drop at filters and compare it with manufacturer recommendations.
15. Check for air and water leakages.
16. Check functioning of lights and limit switch interlocking and proper illumination.

c. Hot Water Generator, Humidifiers

1. Day to day operation and routine maintenance.
2. Check the unit for any abnormality and rectify it.
3. Check the operating parameters of all the units and fill out a daily log sheet. Contractor should ensure optimum RH% and humidity control in conditioned space and record it in logbook.
4. To check /calibrate all instruments/switches /gauges for proper functioning.
5. Check heater elements/ controls/ panel etc. and replace spares if required.
6. Any other work to upkeep the unit in healthy condition.

d. Other Works

1. Repair and maintenance of all low side damaged ducts.
2. Repairing of insulation of all chilled water pipelines.
3. Diffuser, grills, dampers and toilet inline fan cleaning as per schedule.
4. Leakage repairing etc. contractor scope of work.
5. Fire actuator for fresh air damper under contractor scope of work.
6. Oil/Refrigerant gas, filters for chiller, pump, motor, cold storage etc. to be provided as and when required for proper functioning of HVAC system.
7. Check electrical overload protection systems and other electrical systems.
8. Any other requirement to keep the whole HVAC Plant systems efficient, in proper, healthy running condition as per operation and maintenance manual of various equipment.
9. Attending all Electrical and Mechanical breakdown of the Plant and other equipment with spares as per agreement.
10. It is mandatory to submit Validation/Calibration Certificates of all instruments used for Operation And Maintenance of HVAC systems, wherever applicable.
11. Replaced parts/ spares, used burnt oil etc. will be property of the vendor. It is his responsibility to dispose off it immediately as per norms of Pollution Control Board.
12. Operation and maintenance of whole BMS system including all controller and DDC panel (i.e. LT panel, Lifts, fire system, HVAC system etc.). BMS system shall be updated with the latest version compatible with the existing system and in case of incompatibility need to replace the system with compatible software, if any modification or hardware instrument required for the system, it is in the scope of the contractor. Contractor must be doing routine, half and yearly preventive maintenance of the whole BMS system.
13. The contractor must maintain the comfort condition at all location of the hospital like temperature, humidity, odor and ventilation as per requirement 24x7x365.
14. Contractor must maintain Fire Alarm & Public Alarm System (FAPA system) synchronization with AHU, DDC controller, lifts and Fresh Air Unit. If the fire damper, damper Relay module and controller find faulty then need to be replaced on an immediate basis.
15. Replacing spare parts of all machinery, equipment, electrical panels etc. due to normal wear & tear.
16. To repair/ replace controls if found necessary.
17. The Plant room should be kept well illuminated, ventilated and all items are secured to ensure safety and security of humans & machines.

18. If due to any reason, any maintenance routines could not be undertaken, the same to be brought into the notice of the Engineer in-charge as soon as possible.
19. Maintaining electrical hygiene for up keeping of all electrical equipment and system viz. motors, starters, electrical wiring including cable w.r.t operation, safety and fire prevention point of view.
20. Painting and surface preparation for painting of all supporting steel structure of HVAC System as per equipment details, Piping work including cooling tower base shall be done on yearly basis at quoted cost
21. The scope of maintenance includes all kinds of repairs, replacement of all spares, consumables, refrigerant gas, oil etc. These spares shall be replaced with the same type, make and quality. However, if the same is not readily available in the market, the alternate item should be approved by the Engineer in-charge before use at site.
22. The contract shall include emergency call back service at all hours round the clock for rectification of complaints immediately if noticed during the operation.
23. Since the plant is catering to the HVAC requirements of AIIMS Jodhpur, which has a very sensitive patient care area hence the contractor will have to attend to any fault/breakdown immediately. If the desired staff is not deputed in reasonable time, institute officials will be at liberty to employ staff to get the work done by other agency at the risk and cost of the contractor for which the decision of Engineer in-charge will be final and binding.
24. During the running of the contract the responsibility of physical custody of the plant will rest on the contractor.
25. Besides the logbooks, the contractor shall maintain a complaint register also in the plant room so that complaints are entered with the date and time in the register by the complainant directly or informed telephonically.
26. The surrounding areas with machinery will be kept neat & clean. Items such as soap, detergent, cotton waste, sanitizer, etc. will be arranged by the contractor. Proper cleanliness shall be maintained in all work areas including all the equipment complete with panels etc. is under the scope of this work.

D) Operation and Maintenance (Routine & Preventive)

i) WORK TO BE DONE ON DAILY BASIS:

1. Start and stop the unit as required by area incharge.
2. Check the unit for noise, vibration, water leakage and any abnormality.
3. Check the smooth operation of the unit.
4. Check and rectify the refrigerant leakage in the chiller.
5. Maintain the operating logbook of the unit and area for DBT, WBT, and RH of AHU on hourly basis
6. Maintain the cleanness of the units.
7. The readings of the suction and discharge pressure, oil pressure, oil & refrigerant level, suction and discharge pressure of pumps, Voltmeters & Ammeters etc. shall be checked and recorded in the LOG-BOOK (provided by firm/agency/contractor) on hourly basis. Necessary action shall be taken if the readings are not normal
8. To check all the electrical motors and their bearings, AHU panels and cooling tower panels for abnormal noise/heating and to take necessary action if found malfunctioning.
9. To check the water level in the make-up water tank in the Cooling Towers and check the functioning of the float valve. See proper function of the Cooling Towers.

ii) WORK TO BE DONE ON WEEKLY BASIS:

1. Check the refrigerant system.
2. Clean all the strainers and the filters.

3. Check alignment/looseness of the entire belt driven equipment and rectify if required.
4. Oiling and greasing of the moving part of the unit.
5. Filters of AHUs, Fresh air inlet are to be cleaned regularly as per service maintenance schedule.
6. Check water inside the makeup tank for hardness/dirty and fill with soften water if required.
7. To check the lugs/thimbles/terminal points of the electrical motor, switches, starters, single phase preventers and the indication lights etc.
8. Check fan Belt for correct tension and sign of wear and alignment of fan and motor.

iii) WORK TO BE DONE ON MONTHLY BASIS:

1. To check the gland/seal, coupling of Pumps and Cooling Towers.
2. To check the solenoid valve, safety controls Mechanical, Electrical/Electronics and the interlocking of the various equipment.
3. To check and clean the nozzles of the Cooling Towers and to clean the basin and sump of Cooling Towers. Look for water escaping from sides or from overflow and take remedial measures.
4. Cleaning all FCU units, AHU, CSU.
5. Clean and check all AHU/CSU starter panel, LT panel, in case of exhaust fan panel, all types of HVAC system related electrical panel.
6. Check equipment earthing of complete plant and indicate in logbook
7. All Pre-Filters/Fine filters to be cleaned as per schedule.

iv) WORK TO BE DONE ON QUARTERLY BASIS:

1. To check and lubricate (if required) the bearing of the motors and keep the proper record.
2. Check the foundation bolts of the Pumps and motors and take the necessary action if required.
3. To check and reset the relays and controls, and to maintain the proper record. Carry out servicing of the main switches/ACBs as required. To tighten all screws, nuts, bolts of the Electrical Power/control system.
4. Check the quantity of Air flow from various outlets in each Room/Area as per drawing and do adjustments of dampers etc. as and when required.
5. AHU/CSU belt alignment and replace if required
6. Test all controlling and safety of the unit
7. Check and adjust cooling tower fan blade and spray nozzle.
8. All Grills/Diffusers of the HVAC system need to be cleaned by maintaining a proper schedule and whenever instructed by Engineer In-charge.
9. BMS Engineer have to visit the site physically to check and rectify any fault present in the BMS system.
10. Service of chillers has to be done by the OEM, i.e., by Johnson Controls.

v) WORK TO BE DONE ON HALF YEARLY BASIS:

1. Check and Clean water strainer in chilled water circuit if required.
2. Check the overload by measuring the amperage, check anti-recycle timer and operation of the electrical interlock, and voltage across the compressor terminal.
3. To tighten the clamps of cooling tower blades.
4. Cleaning of starters of all motors during winter shutdown.
5. Check the functioning of all controls and reset if required.

vi) WORK TO BE DONE ON YEARLY BASIS:

1. Checking of smooth operation of Dampers
2. Descaling of the condensers of each chiller
3. Check for obstructions loose boards' fallen insulation on air ducts/ Chilled water pipe and

- hot water pipe, replace it if required
4. Clean baskets of pot strainers and “Y” strainers for AHU’s.
 5. Drain all water from condenser pipe lines and fill fresh water.
 6. Change the oil in the oil sump. Replace filter and check oil temperature control.
 7. Inspect starter contacts are shielded, transformer, and motor terminals, check connection in starter, tighten motor terminal control circuit terminals.
 8. Inspect, calibrate and adjust to original specification, all safety and operating controls including low temperature and high- pressure cut outs, motor protector, oil pressure control, and fan temperature control.
 9. Chemical cleaning of cooling coils.
 10. Cleaning of cooling tower fills.
 11. Servicing of LT panel and its breaker through OEM.
 12. Check all wirings for loose contacts and rectify.
 13. Contractor must submit the chiller/ air cooled chiller - Chilled water and condenser approach reports (i.e. chillers efficiency reports generated by OEM) annually.
 14. Contractor must submit a fitness certificate of all high side equipment annually.
 15. Inspection and maintenance schedule shall be carried out as per OEM’s operation & maintenance recommendations.
 16. Painting of condenser water lines, rusted cable trays, support pillars, Plant room, AHU rooms, & other equipment as required.
 17. Perform megger testing and record motor winding resistance.

Note:

- PVC Fills of Cooling Tower need to be replaced after every 24 months or as per requirement.
- Perform eddy current testing & inspect the tubes of chiller once every 5 years.

Documents to be maintained by contractor:

1. Complaint Register
2. Planning and scheduling of preventive maintenance
3. Reports of preventive maintenance done
4. Daily breakdown maintenance/ status report
5. Plant log book
6. Contractor shall be maintaining history cards of each equipment. There will be a checklist for preventive maintenance to be carried as per attached maintenance schedule. Contractor shall be providing all the necessary maintenance services and the same shall be recorded in the history cards of the equipment with date. Copy of this history card shall be submitted to the Engineer in-charge for the records.
7. A satisfactory report of all the low side areas is to be provided on a monthly basis.
8. A satisfactory report of all the high side equipment is to be provided on a monthly basis.

TOOLS & PLANTS:

1. All tools including specialized tools needed for the purpose will be arranged by the Contractor and no extra payment on this account will be made. Storage facility for the same has to be made in the Plant room by the Contractor himself within the quoted cost. Also The Contractor will maintain an inventory of necessary spare parts.
2. The Plant room and the air handling room and their equipment shall have to be kept neat and clean and the institute shall provide no manpower, material on this account.

Executive Engineer (E)
AIIMS, Jodhpur

Annexure – I**Details of the Bidder**

S. No.	Details to be furnished	
1.	Name of Firm /Service provider / service provider	
2.	Complete Address:	
3.	Name of Proprietor/ Partner/ Managing Director / Director.	
4.	State clearly whether it is sole proprietor or partnership firm or a company or a Government Department or a Public Sector Organization	
5.	Whether each page of NIT and its annexure have been signed and stamped	
6.	Whether the firm is a registered firm Yes/No (attached copy of certificate).	
7.	Copy of GST Registration	
8.	Permanent Account No. (Copy must be provided)	
9.	Copy of Income Tax Return Acknowledgement for last Three years	
10.	Any other information, if necessary	
11.	Name and address of service center at/ nearby Jodhpur	
12.	Official Email ID	
13.	Contact No.	

❖ **Note: All pages should be numbered & indexed.**

Date:
Place:

Name :
Business Address:
Signature of Bidder:
Seal of the Bidder:

Annexure-II**UNDERTAKING FOR NON-BLACKLISTING
(To be submitted on letter head of the company / firm)**

I hereby certify that the above firm has not been ever blacklisted by any Central / State Government / Public Undertaking / Institute on any account.

I also certify that firm will supply the item as per the specification given by Institute and also abide all the terms and conditions stipulated in tender.

I also certify that the information given in the bid is true and correct in all aspects and if in any case at a later date it is found that any detail/s provided are false and incorrect, any contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and Institute may have imposed any action as per NIT rules.

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

Annexure-III

**Details of all works of similar class completed during the last seven years ending last day
of the month ending MARCH- 2023**

Attached certified copies of experiences (Can use extra sheet if necessary)

S. No .	Name of Work / Project	Owner or Sponsoring Organization	Cost of work (in lac)	Date of Commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration pending / in progress with details	Name and address/ telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

*** Indicate gross amount claimed and amount awarded by the Arbitrator.**

*** Please attach completion & performance certificates from authorized person.**

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

Annexure-IV -A**MAJOR SYSTEM DETAILS**

S. No.	Equipment Name	Specifications	Qty.	Original Equipment Manufacturer (OEM)/ Make
1	Water cooled Centrifugal Chiller (Plant Room)	Model : YKK0KQH95CR G Capacity: 750TR	5	YORK
2	All Electrical panels/ starter panels/Control Panel, Motor Control Centre (MCC) Panel, AHU/CSU Starter Panel complete with VFD, DDC Panel Voltmeter, Ammeter, Indication lamps, Incoming & Outgoing switches (ACB/MCCB/MCB), CT, Relays & Contactors etc (Including hot water panel).	-	LS	Sterling & Wilson and others
3	Air Cooled Scroll chiller (Auditorium)	Model: XAC2GS-080AR2 Capacity : 75 TR	2	BLUE STAR
4	Secondary Chilled Water Centrifugal Pump with VFD (Plant Room)	Model: ET-ISO-35 Capacity: 75KW/955CMH	3	MATHER+PLATT
5	Secondary Chilled Water Centrifugal Pump with VFD (Plant Room)	Model: 10-MFU3 Capacity: 55KW/630CMH	3	MATHER+PLATT
6	Cooling Tower (Plant Room)	Model: 6KF-6093 Capacity : 640 CMH/ 800TR	5	PAHARPUR
7	All valves, Expansion Bellow, pot strainers, Y strainers, piping including connections, Booster Pumps, Motorized Valves, Fire Damper Actuators, Flow Switches , gauges etc.	-	LS	-
8	Air Handling Units DDC, Electric panel, etc.	Capacity : 5000-18000 CFM	94	Waves
9	JACE / Router / Network area controller	WEB-8100	5	Honeywell
10	Condenser Water Centrifugal Pump (Plant Room)	Model : 8/8 ALE Capacity : 55KW/511 CMH	5	MATHER+PLATT
11	Primary Chilled water Centrifugal Pump with VFD	Model : ET-ISO-29 Capacity: 30KW/409CMH	5	MATHER+PLATT

12	BMS server (PC) and Software	–	1	–
13	Ceiling Suspended Unit (with supporting system)	Capacity : 2000-6500 CFM	31	Waves
14	Humidifiers	10-20 LPH	30	KEPL
15	Fresh Air Units	Capacity : 4000 CFM	22	Waves
16	Primary Centrifugal Pump (Auditorium)	Model: ET ISO 13 Capacity: 5.5 KW	3	MATHER+PLATT
17	Cold Storage & Deep Freezers	Capacity : 6000W	5	Blue Star
18	Inline Fans	Capacity : 500-800 CFM	136	Waves
19	Fan Coil Units	Capacity : 1.5 TR to 2.5 TR	14	Waves

Annexure-IV-B**(Will be handed over on 01.04.2024)****Major Equipments at D&T OT (2nd to 6th floor) and Trauma**

Sr. No.	<u>Equipment Name</u>	<u>Specifications</u>	<u>Qty.</u>	Original Equipment Manufacturer (OEM)/ Make
1	OT - Air Handling Units With VFD, DDC, Electric panel etc.	Capacity : 5000-16000 CFM	32	Waves
2	Air Handling Units DDC, Electric panel, etc.	Capacity : 5000-18000 CFM	14	Waves
3	Ceiling Suspended Unit (with supporting system)	Capacity : 2000-6500 CFM	6	Waves
3	JACE / Router / Network area controller	WEB-8100	2	Honeywell
4	Hot Water Generator D&T OT	Capacity : 550 KW	3	Rapid Cool
5	Hot Water Generator Trauma	Capacity : 110 KW	2	Rapid Cool
6	Hot Water Circulation Pump D&T OT	Capacity : 10KW	3	Crompton Greaves
7	Hot Water Circulation Pump Trauma	Capacity : 2KW	2	Crompton Greaves
8	Fresh Air Units	Capacity : 4000 CFM	6	Waves
9	Inline Fans	Capacity : 500-800 CFM	15	Waves

Note :- For operation of above system 3 additional manpower shall be employed in addition to those mentioned above.

Assistant / Helper	ITI/Relevant Experience	I.T.I or 02-year experience in Air Conditioning/HVAC Systems	03 (78 man-days)	1.5 times of prevalent minimum wages applicable for unskilled category
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Annexure-V**FINANCIAL INFORMATION**

Financial Analysis – Details to be furnished duly supported by figures in balance sheet/profit & loss account duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

S. No.	Descriptions	2019-20	2020-21	2021-22
1.				
2.				
3.				

Gross Annual Turn Over.

Profit/Loss

II. Financial arrangements for carrying out the proposed work.

Signature of Bidder with Seal

Signature of Chartered Accountant with Seal

Annexure-VI**COMPLETION / PERFORMANCE CERTIFICATE***(To be submitted on Letter Head of the client department issuing completion / performance certificate)*

COMPLETION / PERFORMANCE CERTIFICATE		
1.	Name of Work	
2.	Agreement no. / Work order no.	
3.	Date of issue of work order	
4.	Name of the client	
5.	Stipulated date of commencement of work as per agreement	
6.	Tendered value of work	
7.	Completion cost of work	
8.	Stipulated date of completion of work as per agreement	
9.	Actual date of completion of work	
Certified that the work has been completed satisfactory within the stipulated date of completion. There are no defects apparent and M/s. _____ has completed all the works as per agreement.		

❖ Note:

The above completion certificate shall be issued on the letter head of concerning client department.

Signature of Authorized officer (with designation)

Annexure-VII**TENDER ACCEPTANCE CERTIFICATE**
(To be submitted on Letter Head of the Company/Firm)

To,
The Director,
All India Institute of Medical Sciences,
Jodhpur (Raj.)

Name of work: Outsourcing of services towards Operation and Comprehensive Maintenance of HVAC System at AIIMS, Jodhpur.

Due on: 30th May, 2023

I / We, the undersigned have examined the above-mentioned Tender Enquiry Document, including amendment / corrigendum (if any), the receipt of which is hereby confirmed. We now offer to supply / complete the works in conformity with your above referred document for the sum as shown in the Price Schedules (BoQ) uploaded herewith and made part of this bid. If our bid is accepted, we undertake to provide the items / services for which tender has been concluded, in accordance with the delivery schedule specified in the Schedule of Requirements. We further confirm that, if our bid is accepted, we shall provide you with a Performance Security of required amount in an acceptable form as mentioned in your NIT. I/We agree to keep our bid valid for a period of 180 (one hundred eighty) days for acceptance as required in your NIT Document, read with modification, or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this bid up to the aforesaid period and this bid may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal Agreement / Contract is executed; this bid read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us. We further understand that you are not bound to accept the lowest or any bid you may receive against your above referred advertised tender enquiry. We confirm that we do not stand deregistered/banned/blacklisted by Central / State Govt. / Ministries / Departments /PSU etc. I/We confirm that I/we fully agree to the terms and conditions specified in above mentioned Tender Enquiry Document, including amendment / corrigendum, if any.

We hereby certify that if at any time, information furnished by us is proved to be false or incorrect; we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the Bid Security / Performance Security.

Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for bidding in AIIMS organization in future forever. Also, if such a violation comes to the notice of the institute before the date of start of work, the Engineer-in-Charge shall be free to forfeit the EMD/ Performance Guarantee/ Security deposit.

(Scanned copy to be uploaded at the time of submission of bid along with the technical bid)

Name:	_____
Business Address:	_____
Place:	_____
Date:	_____

Check List for Documents Required with Technical Bid
(To be attached with the Technical Bid)

S. No.	Detail provided	Compliance (to be ticked as attached)	Page no. of bid
1.	Copy of EMD (Attached)	Yes / No	
2.	Criteria of eligibility (Read and Attached)	Yes / No	
3.	Copy of constitution or legal status of the bidder manufacturer / Sole proprietorship / firm / agency etc. (Attached)	Yes / No	
4.	Copy of Income Tax Return Acknowledgement for last three consecutive financial years (Attached)	Yes / No	
5.	Copy of PAN Card Registration (Attached)	Yes / No	
6.	Copy of GST registration certificate. (Attached)	Yes / No	
7.	Copy of Average annual turnover duly verified by CA (Attached)	Yes / No	
8.	Acceptance of tender conditions (Filled and Attached)	Yes / No	
9.	General Terms & Conditions (Read and Accepted)	Yes / No	
10.	Special Terms & Conditions (Read and Accepted)	Yes / No	
11.	Scope of Work (Read and Accepted)	Yes / No	
12.	Annexure – I (Details of bidder (Filled and Attached)	Yes / No	
13.	Annexure – II (Undertaking for Non-Blacklisting) (Filled and Attached)	Yes / No	
14.	Annexure – III (Details of all works of similar class) (Filled and Attached)	Yes / No	
15.	Annexure – IV-A (MAJOR SYSTEM DETAILS) (Read and Accepted)	Yes / No	
16.	Annexure – IV-B (Major Equipments at D&T OT - 2 nd to 6 th floor and Trauma) (Read and Accepted)	Yes / No	
17.	Annexure – V (Financial Information) (Filled and Attached)	Yes / No	
18.	Annexure – VI (Completion /Performance certificate) (Filled and Attached by the client / certificate from client)	Yes / No	
19.	Annexure – VII (Tender Acceptance Certificate) (Filled and Attached)	Yes / No	

Date:
Place:

Name :
Business Address:
Signature of Bidder:
Seal of the Bidder: