

# **Tender for Implementation of Mobile Network Coverage and Closed User Group (CUG) solution for the telecommunication system at AIIMS Jodhpur.**

N.I.T. No.	AIIMS-JDH/EE/ELECT/2024-25/10
NIT Issue Date	7 <sup>th</sup> March, 2025
Pre-Bid Meeting	13 <sup>th</sup> March, 2025 at 03:00 PM
Last Date & time of Online Submission of tender	20 <sup>th</sup> March, 2025 up to 03:00 PM
Last Date of Submission of EMD	20 <sup>th</sup> March, 2025 up to 03:00 PM
Technical Bid Opening	24 hours after the last Date & Time of Online Submission of the Tender



**All India Institute of Medical Sciences, Jodhpur**

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

## NOTICE INVITING TENDER

S. No.	Particular	Remarks
1.	Name of work	Implementation of Mobile Network Coverage and Closed User Group (CUG) solution for the telecommunication system at AIIMS- Jodhpur.
2.	Tender No.	AIIMS-JDH/EE/ELECT/2024-25/10
3.	Stipulated time to complete CAPEX work	90 days
4.	Contract period for providing services	5 years (3+1+1)
5.	Earnest Money Deposit	₹. 50,000/- (Rupees Fifty Thousand Only)
6.	Tender documents	Download from the following websites- <a href="#">AIIMS Jodhpur</a> <a href="#">eProcurement System Government of India</a>
7.	Pre-Bid Meeting	13 <sup>th</sup> March, 2025 at 03:00 PM
8.	Last date and time of online submission of tender	20 <sup>th</sup> March, 2025 up to 03:00 PM
9.	Last date and time of submission of EMD	20 <sup>th</sup> March, 2025 up to 03:00 PM
10.	Date of online technical bid opening	24 hours after the last Date & Time of Online Submission of the Tender

❖ **Bidders may please read carefully the notes given with the tender Notice.**

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**AIIMS, Jodhpur.**

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**Definitions:**

- (i) “Client” means The Executive 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 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 contractor is required to be installed under the contract.
- (viii) “Work” means Implementation of Mobile Network Coverage and Closed User Group (CUG) solution for the telecommunication system at AIIMS- Jodhpur.
- (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 between the Client and/or Contractor/ together with all the documents mentioned therein and including all attachments, annexures, 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) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xiii) “Inspection” means activities such as measuring, examining, testing of the product or service and comparing the same with the specified requirement to determine conformity.
- (xiv) “Day” means calendar day.

**Abbreviations:**

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

**Instructions for the Bidder/ the service provider: -**

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 call of tender in TWO bid system for the works pertains to Implementation of Mobile Network Coverage and Closed User Group (CUG) solution for the telecommunication system at AIIMS- Jodhpur.

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 a valid Digital Signature Certificate (DSC) of class II or III for online submission of bids. Before bidding, DSC needs to be registered on the website mentioned above. For any assistance for e-bidding process, if required, the bidder may contact the helpdesk at 0291-2740741.

3. **Bidder/Service Providers 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>'.**

Bid documents may be scanned with 100 dpi, with black and white **option**, which helps in reducing the size of the scanned document.

4. **Criteria of Eligibility:**

The contractor who fulfils the following requirements shall be eligible to apply, Joint ventures are not accepted:

**Note: Completion certificate (along with documents of work done) / Copy of Agreement in case of running work, if any, has to be attached.**

**Similar works mean "Implementation of Mobile Network Coverage to the building/ in building solution for improving mobile connectivity"**

5. Performance guarantee equal to 10% of the contract value is required to be submitted within **07 days** from the date of issue of notification of award. The same shall be valid for the **stipulated time of completion i.e. 60 months + 180 days**.

6. **Turnover:** Average annual financial turnover should be at least ₹. 25,00,000/- (Rupees Twenty-Five Lakh Only) during the immediate last **3 Consecutive Financial Years**.

7. **Earnest Money Deposit:** The EMD @ ₹. 50,000/- (**Rupees Fifty Thousand Only**) shall be deposited in favor 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 Hard Copy of the 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. EMD received after the last date and time of submission of bid will not be considered and the tender will be considered without EMD.

➤ The EMD of the unsuccessful Bidders can be refunded after the finalization of the tender.

- The EMD of H1 bidder will be released only after receipt of the Performance guarantee by the H1 bidder.
- ***No interest will be payable by AIIMS, Jodhpur on the EMD.***

**8. Submission of Tender:**

The tender shall be submitted online only in two parts, viz. Technical Bid and Financial Bid on CPP portal. The Tender Acceptance Certificate must be signed and submitted along with the documents before uploading.

- ✓ *The offers submitted by e-mail shall not be considered. No correspondence will be entertained in this matter.*

**9. Tender documents:**

**I. Technical Bid:**

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

- a) Completion certificate (along with documents of work done) / Copy of Agreement in case of running work, if any, has to be attached.
- b) Copy of Income Tax Return Acknowledgement for last three consecutive financial years.
- c) Certificate of Financial Turnover: At the time of submission of bid, the contractor should upload a Certificate from CA (with UIDN) mentioning Financial Turnover of last 3 consecutive financial years.
- d) Copy of GST Registration.
- e) Certificates as per Annexure-I to VI.

**II. Financial Bid**

Separately attached in MS-Excel format.

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

## General Terms & Conditions

1. **Rate:** Rates to be quoted in the Financial Bid exclusive of all taxes considering the complete AIIMS- Jodhpur campus of **167 acres and irrespective of number of buildings only the users and increase of users in future**, nature of work and cost of material involved with taxes, CAPEX, approvals from another government department, if any etc.
2. **Validity:** The quoted rates must be valid 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, the bid is liable to be rejected 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 receipt of tender / of opening the tender is declared as a holiday, 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 the Institute under conditions in the tender document to determine the substantial responsiveness of each tender. For this clause, the substantially responsive bid conforms to all the eligibility and terms and conditions of the tender without any deviation.
  - b. The determination of bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. The evaluation of the technical bids will also be done to determine whether they are complete, required sureties have been furnished, all the documents have been properly authorized and are in order.
4. **Financial Evaluation:** After due evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the HIGHEST evaluated responsive tenderer.
5. **Right of acceptance:** The Client has the right to accept or reject any or all tenders or cancel or withdraw the tender notice without assigning any reasons thereof. Also, does not bind itself to accept the lowest quotation or any tender and no claim in this regard shall be entertained. Conditional bid/s will be treated as unresponsive and will be rejected.
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.
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 cancelled.

**8. Performance bank guarantee:**

- a. As a contract security for faithful performance of the contract by all the terms and conditions specified in the tender, the successful bidder shall furnish a Performance bank guarantee @ 10% of contract value in the form of Fixed Deposit Receipt or Bank Guarantee from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Jodhpur" after receipt of work order.
- b. The client has the right to encash the PBG in full or part 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 any work as enumerated in the tender/contract. In case of part encashment, the validity of the PBG shall have to be kept valid for the remaining period as per contract, for the balance amount or for a period as required by the client.
- c. **Refund of PBG:** The Performance bank guarantee will be refunded after completion of work by all the contractual obligations and issuance of completion certificate from Engineer-In-Charge. No interest will be admissible / paid on PBG.

**9. 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 to warranty, that he has authority to bind such other 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.

**10. Right of acceptance:** The Executive Director, AIIMS, Jodhpur reserves the right to accept the whole or any part or portion of the bid; and the bidder shall provide the same at the rates quoted. The Executive 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.

**11. Inspection / Testing:**

The authorized representative of AIIMS, Jodhpur shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the Purchaser.

**12.**Rate should be quoted in Indian Rupees (INR) on DOOR Basis Delivery at AIIMS, Jodhpur inclusive of all charges. The service provider shall take into account all the costs involved in compliance of all the special conditions as stated above while quoting his rates in his tender for this work. No transportation/ cartage charges will be provided for the same.

**13.**Bidder shall submit the quoted rent amount to AIIMS-Jodhpur bank account quarterly before 1<sup>st</sup> of every quarter.



14. **Breach of Terms and Conditions:** Non-compliance of any terms and conditions enumerated in the contract shall be treated as breach of contract. In case of breach of any terms and conditions as mentioned in the tender, the Competent Authority will have the right to reject the bid/contract agreement at any stage without assigning any reason thereof, and nothing will be payable by AIIMS, Jodhpur in that event, the bid shall also stand forfeited. And in this event, the EMD and / OR Performance Guarantee shall be forfeited.

15. **Applicable Law:**

- a. The contract shall be governed by laws and procedures established by the Government of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.
- b. Any disputes are subject to exclusive jurisdiction of the competent court and forum in Jodhpur, Rajasthan, India only.
- c. The Arbitration shall be held by the provisions of the Arbitration and Conciliation 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.
- d. Force Majeure: Any delay due to Force Majeure will not be attributable to the service provider.

16. Any information/document required for verification shall be provided by the bidder.

17. If any contradiction arises between the above-mentioned terms and conditions & terms and conditions of TRAI / CPWD / Manual for procurement shall be followed. The final decision in any case will be of the Executive Director, AIIMS- Jodhpur and binding on both the parties.

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## **Scope of work**

### **I. Mobile Network Booster:**

1. All costs regarding the Survey, Design, Drawing, implementation (Supply, installation, testing, and commission) including Operation & Maintenance of the system for contract duration will be borne by the successful Agency. AIIMS Jodhpur will not pay any amount in this regard.
2. The agency should ensure that there is adequate mobile network data speed and HD Voice Coverage inside the entire AIIMS Campus under the scope of this project.
3. The Agency must provide services for the upcoming buildings, also like the New Trauma building, the New Admin Building, the New staff quarters, and others, if any, etc. after completion of the construction projects. If the installed towers are insufficient for network coverage to the upcoming buildings, then additional infrastructure shall be provided by the agency after obtaining permission from the Competent Authority, AIIMS Jodhpur, without any extra cost on AIIMS Jodhpur.
4. The agency will pay an quarterly advance facilitation charge as quoted before 1<sup>st</sup> of every quarter. The delay in payment shall be charged penal interest of 0.5% per week . The facilitation charges will be increased by 10 % every year up the next 05 years.
5. The agency shall install the minimum required number of Towers either Roof-Top Tower (RTT) or Ground-Based Tower (GBT) (following the availability of area inside the campus) so that it can cover the entire campus of the AIIMS Jodhpur and also install the adequate IBS (In-Building Solution) signal booster inside/outside the buildings for the adequate mobile network coverage for best voice calls and High-Speed Data Connectivity at every corner of the buildings.
5. The agency should ensure that the frequency bandwidths of different mobile operators do not overlap.
6. The agency must look after all the obligations between the ISP and its T&C, AIIMS Jodhpur will not be responsible for any disputes.
7. *A major responsibility of the agency is to ensure that the infrastructure network remains operational for a minimum of 99 percent of the time.*
8. Providing and installing Separate Electrical meters is under the responsibility of the agency.
9. The agency must maintain all safety regulations by Indian Electricity rules (IE).
10. The successful agency shall have to make all arrangements with the service providers for providing adequate mobile signals, O&M expenses and other service charges. The direct and indirect costs involved in the operation of IBS equipment are to be borne by the solution/service provider.
11. The said project shall offer shared In-building solutions for various types of telecom operators such as GSM (Global System for Mobiles) /CDMA (Code-Division Multiple Access) / UMTS (Universal Mobile Telecommunications System) Technologies.
12. The agency shall ensure all Mobile technologies such as 2G /3G / 4G-VoLTE/ 5G with all available frequency bands or future generation technology should be integrated/ upgraded to this common infrastructure. It should have enhanced mobile data speeds and compatibility with future technologies.

13. Agency will design the best-fit telecom solution for AIIMS Jodhpur with mutually agreed upon.
14. Unique Benefits of the operator (Bharti Airtel, Reliance JIO, BSNL & Vodafone, etc.) on a non-discriminatory basis shared network in the AIIMS Jodhpur campus.
15. Mobile network Signal strength values are defined by a few different measurements which vary even more for different service modes. These measurements are as follows: RSSI, RSRP, RSRQ, RSCP, SINR, EC/IO. Both Signal Strength and Signal Quality must be considered for successful cellular data connection, so the agency shall ensure all the above parameters to maintained so that the strength and Signal Quality will not drop. The below range requirements are as follows:
  - a) The agency shall maintain at least 2G (GSM) Signal strength:
    - RSSI – Received Signal Strength Indicator: RSSI is a negative value, and the closer to 0, the stronger the signal. Strong signal with good data speeds RSSI value = -70 dBm to -85 dBm.
    - The agency shall maintain for 3G service mode, there are three relevant measurements:
      - RSSI - Received Signal Strength Indicator. RSSI is a negative value, and the closer to 0, the stronger the signal. Strong signal with good data speeds RSSI value = -70 dBm to -85 dBm
      - EC/IO - indicates the downlink carrier-to-interference ratio (signal quality). EC/IO is a negative dBm value. Values closer to 0 are stronger signals. Strong signal with good data speeds, -7 dBm to -10 dBm
      - RSCP - indicates the Received Signal Code Power. Strong signal with good data speeds, -75 dBm to -60 dBm
    - The agency shall maintain for 4G/5G service mode, there are four relevant measurements:
      - RSSI - Received Signal Strength Indicator. RSSI is a negative value, and the closer to 0, the stronger the signal. Strong signal with good data speeds RSSI value = -65 dBm to -75 dBm
      - RSRP - the Reference Signal Received Power is the power of the LTE Reference Signals spread over the full bandwidth and narrowband. Strong signal with good data speeds -80 dBm to -90 dBm
      - RSRQ - Reference Signal Received Quality is a C/I type of measurement, and it indicates the quality of the received reference signal (similar to EC/IO). Strong signal with good data speeds - 10 dB to 15 dB
      - SINR - Signal to Interference plus Noise Ratio. Indicates the throughput capacity of the channel. As the name implies, SINR is the strength of the signal divided by the strength of any interference. Strong signal with good data speeds 13 dB to 20 dB
    - Cellular Distributed Antenna Systems (DAS): In-building Distributed Antenna Systems (DAS) have become a critical part of both carrier cellular networks and enterprise infrastructure. A DAS is a network of antennas that sends and receives cellular signals on a carrier's licensed frequencies, thereby improving voice and data connectivity for end-users. DAS has two basic components:
      - Signal Source: A DAS needs to be fed a signal from somewhere. Whether it's 4G LTE or 5G, there are typical signal sources:
        - off-air (via an antenna on the roof)
        - An on-site BTS (Base Transceiver Station).
        - The newest Approach: small cells.
      - The agency shall install the BTS, NodeB, eNodeB, and gNodeB signal source for the Highest performance and can provide as much capacity as needed for any venue. The connection

between a cell carrier's BTS and the core network typically requires a dedicated fiber connection that is usually installed by the carriers themselves.

- Distribution System: Once received, the cellular signal must be distributed throughout the building. There are four main types of distribution systems: Active (using fiber optic or Ethernet cable), Passive, Hybrid, and Digital. The infrastructure provider has to maintain 99.95% uptime of the DAS network. A distributed antenna system in a large hospital, stadium, or airport may even connect to multiple BTS's—one for each carrier—to handle the load of tens of thousands of users calling, texting, and using data simultaneously.

16. Mode of deployment of In-building solution:

The possible modes are deployment by the Neutral host infrastructure provider, build and managed by the mobile operator, and sharing with other service providers on a non-discriminatory basis. The In-Building Solutions (IBS) can also be deployed by IP-I (Infrastructure Provider Category I) and shared with telecom service providers. For deploying indoor solutions, these companies will be requiring permissions from the Institute building owners. Moreover, if these IP-I companies are required to install optical fiber for connecting IBS/DAS nodes, for which RoW/permissions will be required and shall be granted accordingly.

## **II. Closed User Group (CUG):**

1. At the start of contract, the estimated number of mobile connections will be 500 nos. (+/- 10% of 500) minimum for three years, and at the start of 4th year 100 (+/- 10% of 500) more mobile connections will be provided and at the start of 5th year 100(+/- 10% of 500) more mobile connection will be provided by the vendor, if required. The monthly plan to be provided by the vendor for each mobile connection will be on a zero-rental basis. The Institute reserves the right to increase or decrease the number of connections during the currency of the contract. However, the bidder shall not impose any limit on the number of connections to be provided under CUG. Infrastructure shall be able to cater to 4G/VoLTE/5G technologies.
2. All the mobile connections covered under Closed User Group (CUG) will not be charged for voice and messaging services of the CUG and calls made or received to/from the fixed landline numbers of IPBX of AIIMS Jodhpur in the home circle.
3. AIIMS Jodhpur will not be responsible for any other paid services provided by the service provider to any Individual CUG users, and these services will be provided by the vendor if purchased individually by the CUG users after getting NOC from AIIMS Jodhpur. In no circumstances should these services be billed to AIIMS-Jodhpur nor their availing should affect the services mandated under CUG System.
4. The SIM Cards provided should also be supportable to any non-multimedia phones and Higher Smartphones. AIIMS Jodhpur may require the regular / micro/nano SIM cards based on its requirement and should be provided by the agency at any time of the contractual period, and if Institute requires to interchange/replace SIMs (regular / micro/ nano), the same should be provided free of cost by the agency.
5. In case of damaged/lost SIM, the agency shall provide the duplicate SIM free of cost from the date of receiving the request.
6. Caller ID facility for every number of CUG to be made free of cost.
7. Free SMS flash facility about Institute function, conferences, meetings etc. shall be provided by the service provider on CUG connection as decided by competent authority of AIIMS Jodhpur from time to time.

8. The agency shall issue new connections on request of AIIMS Jodhpur within 2 days. This includes delivery of SIM cards to the institute and activation of the SIM within the stipulated period.
9. Handset should be provided by the agency free of cost/ charge basis with the following features:
  - A. Data enabled mobile phone.
  - B. SIM Type: 4G/5G Mobile phone.
  - C. Battery power – minimum Li-Ion 1400 mAh or higher.
  - D. Screen Size: minimum 2.0 inches
  - E. Connectivity: 4G Volte Network: Yes/GSM 850/900/1800/2100/2300/2500/2600 MHz
  - F. Bluetooth: Yes
  - G. Memory: Internal Memory: minimum 64 MB, Expandable memory capacity: minimum 32 GB
  - H. Memory card slot: Yes/Micro SD
  - I. Auto key lock and auto ON facility for the instrument.
  - J. Upgradation of software and features from time to time.
  - K. Minimum 500 contacts saved in Mobile/SIM card.
  - L. Make and Model Should be “Make-in-India” and as per the rules & regulations MeitY (Ministry of Electronics and Information Technology), Government of India.
10. If any SIM replacement is required due to number portability, the same shall be offered free of cost to AIIMS Jodhpur.
11. The new connections issued by the agency shall follow the same series of digits as far as possible.
12. The mobile numbers issued should be a ten (10) digit number. The same ten (10) digit number shall be used for CUG calling.
13. The agency will be required to give a warranty/guarantee that during the warranty period the equipment, including accessories, will be maintained in good and properly working condition for **atleast** 361 days out of a period of 365 days (i.e. 99% uptime). If the machine is out of order for more than 5 hours during any day, it shall be considered as one-day downtime. The essential period to shut down the installation, entirely or partially, shall also be included in the downtime if it exceeds 2 days while calculating the 99% guaranteed uptime. No deduction or advantage of any kind on account of Sundays, half days on Saturdays, Public /Govt. holidays observed by the Institute shall be allowed from the total downtime permissible as defined above. The equipment will thus be required to be maintained in satisfactory working conditions for a minimum of **atleast** 361 days in each period of 365 days, which defines the 99% guaranteed uptime required to be maintained in each such period of 365 days. The failure to provide 99% guaranteed uptime shall attract a penalty @ Rs 1000/- per hour per location . This guaranteed uptime for the penalty purpose shall be calculated monthly and will be deposited by the agency with the rent of the next month without fail.
14. The service provider/agency should mention additional features that will be provided free of charge with the connections.
15. The service provider/agency should give an undertaking to AIIMS Jodhpur stating that no unlawful mobile surveillance (of CUG mobiles and landlines) will be allowed.
16. The agency will arrange to monitor that those connections which are not in use continuously for 03 months will be placed in safe custody and service providers will send details of such connections to AIIMS Jodhpur authority from time to time. Such connections will be activated

only after authorization by the respective AIIMS Jodhpur authority and work for such connections will be resumed.

17. The agency should ensure optimal signal strength for the clarity of voice and Data/reception in every corner of the institute and the home circle. Low power and low height antenna solution required for outdoor coverage. The height of the BTS Antenna/poles should be within the prescribed limits of DoT and the radiation level should be within the prescribed limits of DoT. Indoor building solution (IBS) will be provided for optimal signal coverage in AIIMS Jodhpur.
18. The agency will provide 'Do Not Disturb' (DND) services to all the users in the CUG. Except for that, all the messages sent from AIIMS Jodhpur reach the CUG mobiles of all the users.
19. The aesthetics of the building should be maintained. No major change will be allowed. Any damage or loss of any kind to the AIIMS Jodhpur property due to the installation/operations of IBS and ODAS will be the sole responsibility of the agency as per the damage recovery checked/verified by the AIIMS Jodhpur Engineering department. All costs of operation and maintenance, etc. of the entire IBS and ODAS should be borne by the agency. The location of tower should shall be decided by EIC
20. The network should be built in a manner so that the mobile coverage in AIIMS Jodhpur can be controlled with a minimum number of Base stations.
21. Details of the base stations required and the equipment to be installed in AIIMS Jodhpur have to be submitted by the vendor in advance for approval of AIIMS Jodhpur.
22. Electricity installation including sub-meters will be done by the agency and the Main electricity supply will be provided by the Institute. All expenses in this regard (one-time and recurring) will be borne by the agency.
23. All areas of AIIMS Jodhpur campus (outdoor as well as indoor areas) should be covered with proper and best mobile signal strength.
24. To meet the future mobile communication needs of CUG cellular network in the upcoming buildings in AIIMS Jodhpur campus, the AIIMS Jodhpur will provide open space for installing equipment as and when needed. The base stations/area/space to be provided will be decided mutually.

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

**Special Terms & Conditions**

1. The contract shall be valid initially for 03 years and shall be extended up to 01 year at a time for 02 years based on the performance.
2. The vendor shall complete the work within 90 days of award of the work including design and implementation.
3. The limits of radiation shall be adhered by the agency. The vendor shall be responsible for obtaining NOC/Licence on behalf of AIIMS Jodhpur regarding radiation.
4. The date of start of rent shall be 15 days from the date of award and the contractor has to deposit the quarterly advance within this period.
5. The vendor shall provide 4G/5G mobile handset of reputed brand as per the specifications provided. The vendor shall give at least 03 choices of any reputed brand from which the handset shall be selected by EIC
6. The handset shall have to be maintained comprehensively, including all battery, charger, and all other accessories, during the contract period
7. The vendor has to facilitate mobile connections/SIM free of cost with unlimited calling and SMS facilities.
8. The vendor has to maintain a response time of 02 hours and turnaround time of 06 hours for minor complaints and 48 hours for major complaints. The decision of EIC regarding this shall be final and binding.
9. The prospective bidders are requested to go through the tender conditions and visit the site/ to assess the feasibility of business / undergo proper diligence study and thereafter may bid in the Tender. No reduction in license fee will be entertained at any stage for whatever reasons.
10. The direct and indirect cost involved for the operation of IBS equipment is to be borne by the solution provider
11. All electrical and network cabling should be made such that wires/cables are not visible on the surface and should be installed in proper conduits and raceways. The vendor shall not disturb any existing hospital services. The vendor shall make good any damages that have occurred due to installation, free of cost

**ANNEXURE - I**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone No: -  Mobile No: -  Email id: -	
Name and address of the service centre nearby Jodhpur.	
Whether the firm is a registered firm Yes/No (attached copy of certificate).	
GST No. (Enclose the attested copy of VAT Certificate).	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.	
Whether the Firm/Agency has signed each and every page of Tender/NIT.	
Any other information, if necessary.	

Date:

Place:

Name :

Business Address :

Signature of Bidder :

Seal of the Bidder :



**ANNEXURE - II**

**DETAILS OF ALL WORKS OF SIMILAR CLASS UNDERTAKEN.**

S · N o	Name of Work/ project	locati on	Owner or sponsoring organizati on	Cost of work in lakh	Date of commen t as per contra ct	Stipulat ed date of complet ion	Actu al date of complet ion	Litigation / Arbitratio n pending/ in progress with details *	No. & Date of completi on certificat e attached .	Remar ks, if any
1	2	3	4	5	6	7	8	9	10	11

❖ Indicate gross amount claimed and amount awarded by the Arbitrator

❖ **Note: Completion Certificate from Clint to be attached.**

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

<b>COMPLETION / PERFORMANCE CERTIFICATE</b>		
1.	Name of Work	
2.	Agreement no. / Word order no.	
3.	Date of issue of work order	
4.	Name of the contractor Agency	
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	
<p>Certified that the work has been completed satisfactorily within the stipulated date of completion. There are no defects apparent and M/s. _____ has completed all the works as per agreement.</p>		

**Note:**

- ❖ **The completion certificate shall be issued on the letterhead of the concerned client department and by the authorized official only.**

**Signature of Authorized officer (with designation)**

**ANNEXURE - IV**

**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).

i. Gross Annual Turn Over

<b>Descriptions</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
Gross Annual Turn Over			
Average turn-over of three years			

Signature of Bidder(S) with Seal

**Signature of Chartered Accountant with Seal**

**ANNEXURE – V**

**UNDERTAKING CERTIFICATE  
(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 the firm will execute the work as per the specification given by the Institute and also abide by all the terms and conditions stipulated in the 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 -VI**

**TENDER ACCEPTANCE FORM**  
***(On letter head of company /firm)***

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

Ref.: Your NIT No. AIIMS-JDH/EE/ELECT/2024-25/10

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 and deliver 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 the services for which the tender has been concluded, by the contract period 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 the required amount in an acceptable form as mentioned in your NIT. We agree to keep our bid valid for acceptance as required in your NIT Document, read with modification, or for the 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 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. We confirm that we fully agree to the terms and conditions specified in the 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 institute in addition to forfeiture of the Performance Security / or any other action against us.

I/We undertake and confirm that eligible similar works(s) has/have not been executed through another contractor on a back-to-back basis. Further, if such a violation comes to the notice of the Department, then I/we shall be debarred from bidding in the AIIMS organization in the 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 entire amount of Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)

Name: \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

### Check List

S. No.	Information for bidder	Remarks	Refer page no. of submitted bid
1.	Notice Inviting Tender <b>(Read &amp; Accepted)</b>	Yes / No	
2.	Proof of EMD submitted / exemption <b>(Attached)</b>	Yes / No	
3.	<b>Turnover:</b> Average annual financial turnover should be at least ₹. <b>25,00,000/-</b> during the immediate last 3 consecutive financial years. <b>(Attached)</b>	Yes / No	
4.	Copy of Income Tax Return Acknowledgement for last three years statement. <b>(Attached)</b>	Yes / No	
5.	Copy of PAN Card <b>(Attached)</b>	Yes / No	
6.	Copy of GST Registration <b>(Attached)</b>	Yes / No	
7.	General Terms & Conditions <b>(Read &amp; accepted)</b>	Yes / No	
8.	Special Terms & Conditions <b>(Read &amp; accepted)</b>	Yes / No	
9.	Scope of work (Mobile Network Booster) <b>(Read &amp; accepted)</b>	Yes / No	
10.	Scope of work (Closed User Group (CUG)) <b>(Read &amp; accepted)</b>	Yes / No	
11.	Annexure- I (Details of Bidder/s) <b>(Filled &amp; attached)</b>	Yes / No	
12.	Annexure- II (Details of All Works of Similar Class) <b>(Filled &amp; attached)</b>	Yes / No	
13.	Annexure- III (Completion / Performance Certificate) <b>(Filled &amp; attached)</b>	Yes / No	
14.	Supporting documents related to work <b>(Attached)</b>	Yes / No	
15.	Annexure- IV (Financial Information) <b>(Filled &amp; attached)</b>	Yes / No	
16.	Annexure-V (Undertaking Certificate) <b>(Filled &amp; attached)</b>	Yes / No	
17.	Annexure-VI (Tender Acceptance Form) <b>(Filled &amp; attached)</b>	Yes / No	
18.	Checklist filled <b>(Filled &amp; attached)</b>	Yes / No	

Date: \_\_\_\_\_ Name \_\_\_\_\_ :

Place: \_\_\_\_\_ Business Address \_\_\_\_\_ :

Signature of Bidder :

Seal of the Bidder \_\_\_\_\_ :