

Notice Inviting e-Tender

For

Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar

(File No.: AIIMS/BBSR/EE(ELEC)/TELECOMN/074/2022)



अखिल भारतीय आयुर्विज्ञान संस्थान,
All India Institute of Medical Sciences
Engineering Department, Bhubaneswar (Odisha)-751019
www.aiimsbhubaneswar.edu.in

NIT No.	:	<u>AIIMS/BBSR/ENGG. / ELECT. /27/2023</u>
Minimum Reserved License Fees / Minimum Monthly Guarantee	:	Rs. 75,000.00 (Ruppes Seventy-five Thousand only) per month for 3 cellular operators.
Issue Date	:	07/09/2023
Last date of submission	:	25/09/2023 (14:00 hours)
Completion Period	:	180 Days.

“Certified that, this tender document contains **49 pages** only”.

Executive Engineer (Electrical)
AIIMS, Bhubaneswar

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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR
NOTICE INVITING e-TENDER

(a)	Name of Work	Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.
(b)	Tender No.	AIIMS/BBSR/ENGG. / ELECT. /27/2023
(c)	License Period	The period of the license shall be for Five (05) Years extendable by a further period of two (02) years subject to satisfactory performance (in terms of service, conduct and payment of dues/delayed interest) during the initial five years period.
(e)	Minimum Reserved License Fees / Minimum Monthly Guarantee	Rs. 75,000.00/- per month (minimum for 3 operator , per operator Rs 25,000/- per month)
(f)	Earnest Money Deposit (EMD)	Rs. 18,000.00/- (Rupees eighteen thousand only)
(g)	Security Deposit	Rs. 2,50,000/- per operator (Payment of Security Deposit within 15 days from the date of issuance of award letter)
(h)	Tender documents will be Issued From	As per e-Tendering Portal of AIIMS Bhubaneswar http://www.aiimsbhubanewar.nic.in and CPP Portal www.eprocure.gov.in for downloading/ participating
(i)	Last Date, Time & Place of Submission	By 25/09/2023 at 14:00Hours through online.
(j)	Date, Time for opening of Tender (Technical Bid)	On 26/09/2023 at 15:30 Hours.
(k)	Date, Time for opening of Tender (Financial Bid)	To be intimate later.

1. The indenting Bidder must read the Terms & conditions of AIIMS, Bhubaneswar carefully. He/They should only submit his/her/their bid if he/she/they consider himself/themselves eligible and he/she/they is/are in possession of all the documents required.

2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The Bid documents consisting of specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.aiimsbhubaneswar.nic.in Or <https://eprocure.gov.in/eprocure/app>

Executive Engineer (Electrical)
AIIMS, Bhubaneswar

INFORMATION AND INSTRUCTIONS TO BIDDERS FOR E-TENDERING

The Executive Engineer (Electrical) AIIMS, Bhubaneswar invites on behalf of Executive Director, AIIMS, Bhubaneswar, Two (02) Bid system (Technical & Financial) from eligible agency any central Govt, State Govt., PSU etc. having successfully completed works of similar nature as per eligibility criteria for the following work.

Ser. No.	Description	Details
(a)	NIT No.	AIIMS/BBSR/ENGG. / ELECT. /27/2023
(b)	Name of Work:	Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.
(c)	Minimum Reserved License Fees / Minimum Monthly Guarantee . [The quoted License Fee shall be for three (03) operators in the bouquet and the bidder will be bound to pay it as minimum.]	Rs. 75,000.00 per month (minimum for 3 operator , per operator Rs 25,000/- per month)
(d)	Earnest Money	Rs. 18,000.00/- (Rupees eighteen thousand only)
(e)	Period of Completion	180 days
(f)	Last date and time of online submission of tender	By 25/09/2023 at 14:00 Hours through online.
(g)	Time and date of online opening of Tender (Technical Bid)	On 26/09/2023 at 15:30 Hours.
(h)	Time and date of opening of Online Financial Bids	To be intimate later.
(i)	Period during which hard copies of uploaded documents as declaration in lieu of submitting Earnest Money Deposit., Registration Certificates, Undertaking and other Documents to be submitted to the Executive Engineer (Electrical), AIIMS, Bhubaneswar office by the Bidders for reference. However, the Eligibility will be considered as per uploaded documents.	To be submitted on 25/09/2023 by 16:00 Hours . In case the last day happens to be closed due to holiday, these Documents shall be submitted on the next working day, failing which technical Bid will not be considered for Evaluation.
(j)	Mode of submission of Tender	On Line.

- 1.The intending bidder must read the terms and conditions of the Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates/documents required.
- 2.Information and Instructions for bidders for e-tendering posted on the website shall form part of the bid document.
- 3.The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in> or www.aiimsbhubaneswar.nic.in free of cost.
- 4.***For e-tendering of this tender, AIIMS has engaged e-portal maintained by M/s NIC. Intending bidders shall have to register with M/s NIC to participate in the tendering process. For details kindly visit website <https://eprocure.gov.in>***
- 5.The intending bidders must have a valid class-III digital signature to submit the bid.

6. The bid can be submitted only after depositing the e-tender Processing Fee in favor of NIC and uploading the mandatory scanned documents as specified within the period of bid submission.
7. Copies of eligibility documents and Earnest Money Deposit. as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format, and any other format as permissible by the e-tendering portal.
8. Contractor must ensure to quote the percentage rate in Performa of quoting rates. In addition to this while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (zero). However, if a tenderer does not quote any percentage above/below on the total amount of the tender or any section /sub head in percentage rate tender or each item in item rate tender, the tenderer shall be treated as invalid and will not be considered as lowest tenderer.
9. After the submission of the bid online, it can be revised any number of times before or specified time on the last date of submission of the bid. While submitting the revised bid, the bidder can revise the rate of one or more item(s) any number of times (he need not re-enter the rate of all the items) but before the last time and date of submission of the bid as notified.
10. Financial bids shall be opened online only for bidders for whom Earnest Money Deposit and other documents are found in order and who are found to be eligible to bid for work. On the opening date, the bidder can log in and see the bid opening process. After the opening of bids, he will receive the competitor's bid sheets.
11. If the Agency is found ineligible after the opening of bids, his bid shall become invalid.
12. If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid.
13. ***The Bidders shall have to submit original documents for Earnest Money Deposit and self-certified copies of all the scanned and uploaded documents on the same day of the opening of tender in the office of Tender Opening Authority before the online opening of e-Tender. List of Eligibility Documents to be scanned and uploaded within the period of bid submission: -***
 - (a) EMD from any scheduled bank in favor of All India Institute of Medical Sciences, Bhubaneswar
 - (b) Appendix 'A to F' duly filled and signed.
 - (c) Certificates of Work Experience & Completion Certificate of Similar Work from Client not below the Rank of Executive Engineer or equivalent, as mentioned in Ser No - 4, Page No. – 11 refer under Eligibility Criteria.
 - (d) Certificate of Registration for GST and acknowledgment of up-to-date filed return if required.
 - (e) Copy of PAN Card.
 - (f) Copies of Balance Sheets from CA.
 - (g) Copies of the undertaking.
 - (h) Copies of valid Registration Certificate for Infrastructure Provider by Ministry of Communications & IT Department of telecommunications.
 - (i) Each page of the e-tender documents should be duly signed with a seal otherwise the bid shall become invalid.
 - (j) Affidavit (Annexure-I).
 - (k) Declarations to be given by the Tenderers (as per Page 11).
 - (l) MSME Registration Certificate.

14. FRAUD AND CORRUPTION:

- 14.1 The Engineer-in-Charge will reject a proposal for award if he determines that the bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question. He will report to the Officer Inviting Bid / next higher authority.
- 14.2 Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited & the

tenders submitted by the Agencies who resort to canvassing will be liable for rejection.

- 14.3 The Agency shall be debarred for any period of time as decided by the AIIMS, Bhubaneswar Authority for the following reason-
- (i) If the Agency submits false experience/completion certificates,. The department reserves the right to verify the particulars furnished by the applicant independently.
 - (ii) If the Agency fails to commence the work on or before the scheduled date stated in the work order.
 - (iii) Violates any important condition of the contract.

15. Novation Clause :-

Notwithstanding anything contained in this agreement, Parties agree that during the Concession Term, in the event the Authority opts to transfer its rights such as operation, maintenance, development etc. in any manner as may be decided by AIIMS/Government of India, then the Authority shall have the right to assign/novate/alter this agreement, in favour of such third party, to which concessionaire hereby gives their consent unconditionally and Authority will not be bound to obtain any further consent of concessionaire. Such assignment/novation/alteration would release Authority of all liabilities and obligations arising under this agreement from and after the date of assignment/novation/alteration and the rights and obligations of Authority under this Agreement and other arrangements entered into in accordance with the provisions of this Agreement shall be vested in such third party. The Parties, along with relevant third party shall execute necessary documentation or put in place necessary agreements for the aforesaid assignment /novation /alteration as and when need arise.

16. Set Off Clause:-

In the event of a default or breach in payment of License Fee or interest amount or any other amount due with the licensee of whatever nature as per the provision of this contract, AIIMS is hereby authorized to adjust such amount from time to time to the fullest extent, with prior notice of 7(seven) days to the licensee, by set off and apply any or all amount at any time held with AIIMS as security deposit or bank guarantee or any other amount as part of this contract or from any other expired/closed/terminated contracts of licensee with AIIMS. This is without prejudice to any rights and remedies available with AIIMS to recover the dues from licensee as prescribed by Law.

Explanation 1- For the purpose of this agreement set off means adjustment of any outstanding due(s) of Licensee, with any amount in form of BG/SD or otherwise, held by AIIMS in relation to any other agreement, at AIIMS premises.

Explanation 2- Outstanding dues shall mean and include any amount accrued/ due against the licensee under this or any other agreement at any of AIIMS .

17. **Business Incubation Period** shall mean a period of 15 Days from the date of issuance of LOA to the selected bidder. The selected bidder will be under obligation to complete all the formalities/conditions of award as will be specified in the LOA.

18. Handing Over of Sites:

- a. Sites will be handed over to the selected bidder upon fulfillment of conditions of award within the stipulated time of the business incubation period.
- b. If the Licensee fails to complete the conditions of the award which are pre-requisite for handing over of site, then the gestation period will be deemed to have commenced the on 16th day of issuance of LOA i.e. immediately after expiry of business incubation period. However, the actual handing over of sites shall only be done after completion of all conditions of award.

19. Gestation Period:

- a. Gestation period of 180 Days or actual commencement of Commercial Operation, whichever is earlier, reckoned from the date of handing over of sites shall be permissible.
- b. No gestation period is to be permitted in case of renewal/award of the concession/license in favour of the existing licensee in the same place (i.e. same area as well as location). However,
 - i. where there is change in location or due to suspension of the business to carry-out modification at the existing area etc. in the concession/license premises, a normal gestation period, as defined above, may be permitted.
 - ii. If there is the increase in the area in the new license at the same location awarded to existing licensee, the gestation period would be applicable for the incremental area only (if he continues with the business from the existing area and needs development period for the incremental area). In this scenario, licensee shall continue to be billed on the basis of quoted license fee on pro-rata basis for existing area. Billing for the newly developed/incremental area shall be started after expiry of gestation period.

20. Each page of Technical Bids should be signed by the tenderer or person authorized by the tenderer. The authorization (Power of Attorney) should be on non-judicial stamp paper of Rs.100/- duly attested by Notary Public (Format as per Annexure: E).

21. Corrupt Practices and Penalty:

- a) Even if the bidder satisfies every criterion as per the guidelines set forth above, but at any stage during the tender process, or after the issuance of LOA to the successful bidder, or after the execution of concession agreement or during the subsistence thereof, AIIMS at its discretion can disqualify the bidder or terminate the concession (as the case may be), if the bidder/licensee:
 - i. has been debarred by any state or central government or government agency in India and the same is subsisted at the time of NIT; or
 - ii. has made misleading or false representation in the forms, statements and attachments submitted; or
 - iii. the applicant does not respond promptly and thoroughly to requests for supplementary information requested by AIIMS for the evaluation of the Proposal; or
 - iv. One or more of the eligibility criteria have not been met by the Applicant; or
 - v. The Applicant has made a material misrepresentation; or
 - vi. The Applicant has engaged in a corrupt, fraudulent, coercive, undesirable or restrictive practice; or
 - vii. The applicant or its affiliates or a person or entity having legal relationship with applicant committed any fraud or forgery by way of submission of any kind of documents/ bank guarantee/ Security Deposit etc (during the tender process and thereafter) with this or any other tender/ contract with AIIMS or any PSU or Government Departments during the last 5 years.
- b) Then the LOA or the draft Agreement, as the case may be, shall, notwithstanding anything to the contrary contained therein or in this NIT Document, be liable to be terminated by a communication in writing by AIIMS to the agency without AIIMS being liable in any manner whatsoever to the agency. In such an event, AIIMS shall forfeit and appropriate the EMD and Performance Security and debar the agency from AIIMS tenders for any period not succeeding subject to a minimum of three years, as the case may be without prejudice to any other right or remedy that may be available to AIIMS in this regard.
- c) If such an event occurs after the issuance of LOA and during the contract period, then AIIMS reserves the right to take any such measure as may be deemed fit in the sole discretion of AIIMS, including annulment of the contract and forfeiture of the Performance Security amount.
- d) Proposals shall be deemed to be under consideration immediately after they are opened until such time that AIIMS makes an official intimation of award/rejection to the Applicants. While the proposals are under consideration, Applicants and/or their representatives or other interested parties are advised to refrain from contacting, by any means, AIIMS and/or their employees/representatives on matters relating to the Proposals under consideration.

22. The AIIMS does not bind itself to accept the highest or any e-tender and reserves to itself the right of accepting the whole or any part of the e-tender and the tenderer shall be bound to provide the service at the rate quoted.
23. The amount of the license fee should be conspicuously written both in figures as well as in words. overwriting, correction or insertion should be duly signed by the authorized signatories of the tenderer(s).
24. In case of discrepancy between the amount offered in figures and words, the offer written in words will only be considered.
25. **The LOA / work order shall be issued to H-1 bidder.**
26. In the event that the financial bid of two or more bidders are found to be the same and is the highest (the "tie bidders"), authority shall invite fresh financial bids, from such tie bidders and shall identify the selected bidder from amongst such tie bidders. provided that the revised financial bids of such tie bidder(s), shall be no less favorable to authority than their respective original bids.
27. The bidder should have their registered office/branch in bhubaneswar. If not, an office should be opened in bhubaneswar within 30 (thirty) days of the award of work. The details of address proof of office located at bhubaneswar should be given.
28. The NIT will include "**information and instructions for agencies**" as part of the NIT.

Executive Engineer (Electrical)
AIIMS, Bhubaneswar

Scope of work

1. All costs are borne regarding Survey, Design, Drawing, implementation (Supply, installation, testing , and commission) and Operation & Maintenance of the system will be borne by the successful Agency. AIIMS will not be pay any amount in this regard.
2. The agency should ensure that there is adequate mobile network data speed coverage at every corner of the Hospital Campus and Residential Campus in this project.
3. The Agency shall ensure to enhance the mobile network coverage to the upcoming buildings like New Trauma building , New Admin building , New Quarters , CCHB building , new 26 Acre land area etc after completion of the buildings. If the installed two towers will be insufficient for the network coverage to the upcoming buildings then additional infrastructure shall be provided by the agency after taking permission from AIIMS Authority.
4. The agency shall installed at least Two (02) Towers (RTT/GBT) so that it can cover entire area in the AIIMS Bhubaneswar campus and also installed adequate IBS signal booster inside buildings for available adequate mobile network coverage inside every corner of the buildings.
5. The agency should ensure that the frequency bandwidths of different mobile operators do not overlap.
6. A major responsibility of the agency is to ensure that the infrastructure network remains operational for a minimum of 99 percent of the time.
7. Providing and installing electrical meters is the responsibility of the agency.
8. The agency must maintain all safety regulations in accordance with Indian Electricity rules (IE).
9. 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 cost involved for the operation of IBS equipment is to be borne by the solution provider apart from the licence fee and rental fee.
10. 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.
11. The agency shall ensure all Mobile technologies such as 2G /3G / 4G/ 5G or future generation technology should be integrated/ upgraded to this common infrastructure. It should enhanced mobile data speeds and compatibility with future technologies.
12. Agency will design the best-fit telecom solution for AIIMS with mutually agreed upon.
13. Unique Benefits of the operator (Airtel, Reliance Jio, BSNL & Vodafone, etc.) on a non-discriminatory basis shared network in the AIIMS campus.
14. 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 agency shall ensure all the above parameter to maintain at good level so that the strength and Signal Quality will not dropped. The below range requirement as follows:
 - a) The agency shall maintain 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** .
 - b) 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**
 - c) The agency shall maintain For 4G 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**
- d) **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:
 - i) **signal source** : A DAS needs to be fed signal from somewhere. Whether it's 4G LTE or 5G, there are four typical signal sources: off-air (via an antenna on the roof), an on-site BTS (Base Transceiver Station), and finally the newest approach: small cells. The agency shall installed the BTS, NodeB, eNodeB, gNodeB signal source for **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 carrier themselves.
 - ii) **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 provide 99.95% uptime of the DAS network. A distributed antenna system in a large hospital , stadium or airport may even connect to multiple BTSes—one for each carrier—to handle the load of tens of thousands of users calling, texting, and using data simultaneously.

15. Mode of deployment of In building solution :

There shall be various mode of deployment of In Building solution such as:

The possible modes are deployment by a neutral host infrastructure provider or Build and managed by mobile operator and sharing with other service providers on non-discriminatory basis.

The In Build 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 building owners. Moreover, if these IP-I companies are required to install optical fibre for connecting IBS/DAS nodes for which RoW / permissions will be required and shall be granted accordingly.

DECLARATIONS TO BE GIVEN BY THE TENDERERS

It is to certify that: -

(a) I /We have gone through CPWD W-8 amended up to correction Slip No.6 as available on website <https://eprocure.gov.in> / www.aiimsbhubaneswar.edu.in or in the office of Executive Engineer and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

Date: _____

Signature of the Tenderer

(b) “I,S/o Shri resident of hereby certify that none of my Relative(s) as defined in Paragraph 14 of CPWD W-6 is/are employed in AIIMS Electrical Zone, Odisha. In case at any stage, it is found that the information given by me is false/incorrect, AIIMS shall have the absolute right to take any action as deemed fit without any prior intimation to me”.

Date: _____

Signature of the Tenderer

NOTE: - (To be certified by all the partners in case of partnership firms, by all the directors in case of companies).

(c) “I/We undertake and confirm that eligible similar Work(s) has/have not been got executed through another Agency on back to back basis. Further, it is stated that, if such a violation comes to the notice of Department, then I/We shall be debarred for bidding in AIIMS in future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before date of start of work, the Superintending Engineer shall be free to forfeit the entire amount of Performance Guarantee”.

Date: _____

Signature of the Tenderer

GENERAL RULES & DIRECTIONS

1. **Name of Work: e-Tender for “Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”**
2. Financial bids shall be opened online only for bidders for whom Earnest Money Deposit and other documents are found in order and who are found to be eligible to bid for work. On the opening date, the bidder can log in and see the bid opening process. After the opening of bids, he will receive the competitor’s bid sheets.
3. Intending Bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works. The similar work means, **“Common Shared Inbuilding Solutions for Providing Shared Mobile Coverage Solution for various types of telecom operators like GSM / CDMA /UMTS in Govt hospital , AIIMS , Airport , Railways , Govt bus terminals, Metro.”**
4. **Eligibility Criteria.** Indenting Bidder, who fulfill following requirement shall be eligible to apply: -
 - (a) The bidder should have positive net worth and should not have incurred loss in last 03 (Three) Years ending i.e. by **31st March 2023**, duly certified by Chartered Accountant.
 - (b) ***The experience of similar work should be from Central Govt., State Govt., PSU and Autonomous Body.***
 - (c) Conditional Bids shall not be considered and will be out-rightly rejected at the very first instance.
 - (d) **Technical Capacity:**
 - (i) **Agency/Firm having two (02) years of experience in last seven (07) years of providing such facility in Central Govt., State Govt., PSU and Autonomous Body.**
 - (ii) Total years of experience, as required is to be reckoned from the date of opening of the technical bid i.e. on the date of opening of technical bid, the party should fulfill the experience criteria as claimed.
 - (iii) The experience, as claimed should be duly supported by documents establishing the claim of the bidders. The copy of required documentary proof can be copies of award letters supported by experience certificate issued by the contract awarding authority; copy of work completion certificate issued by the contract awarding authority. Books of accounts shall clearly depict the incomes from the claimed business.
 - (iv) Participation in the form of consortium is not allowed.
 - (v) Only one e-tender document shall be sold to a single party either a firm or an individual. The proprietor of more than one company or firm will be considered as single party and one legal entity.
 - (e) **Financial Capacity:** Minimum Gross Turnover requirement shall be **Rs. 13,50,000/- (Rupees Thirteen Lakh fifty thousand only)**. The required turnover of the company/agency should be in any three (03) financial years for which technical experience has been claimed.
5. **Preparation & Submission of Tender through Online.** **The Tender should be submitted in 02 (Two) parts i.e. Technical Bid and Financial Bid respectively.** The Technical Bid should be sent by the Bidder through online as **“Technical Bid”** for **“Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”**
6. **Earnest Money Deposit.** The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs. 18,000.00/- (Rupees eighteen thousand only) by way of Demand Drafts (Drawn in favor of AIIMS, Bhubaneswar), Fixed deposit or Cash. **Scanned Copy of the Demand Drafts must be**

- uploaded and the original DD must be submitted** with the Technical Bid documents. Bid(s) received in tender without Demand Drafts of EMD will be rejected. The EMD of the successful Bidder shall be returned after the successful submission of Bank Guarantee/Annual Deposit and, for unsuccessful bidder(s) it would be returned after Award of the Contract.
- (i) As per SOP No. 5/1 & clause no-6 of CPWD Manual-2019 the MSME firms registered in NSIC under PP policy are exempted from payment of EMD for supply of Goods & Services only.
 - (ii) Micro and small Enterprises if registered with any government bodies specified by ministry of Micro, Small & Medium Enterprises (M/o MSME) with valid certificate duly issued by GOI are exempted for submitting EMD.
 - (iii) Other Firms registered with MSME/ NSIC with valid certificate duly issued by GOI are also exempted for submitting EMD. No other type of certificate is applicable.
 - (iv) The exemption and relaxation in EMD is subject to the validity & acceptance of their registration certificate on the date of opening of tender.
7. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost, all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions.
 9. The Tender paper/documents can be seen/downloaded from Official website & submitted through online. For any query, **Executive Engineer (Electrical), Phone: 0674 – 2476500, AIIMS, Bhubaneswar**, may be contacted.
 10. The Director, AIIMS, Bhubaneswar does not bind itself to accept the Highest (H-1) or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
 11. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the Agencies who resort to canvassing will be liable to rejection.
 12. The Executive Director, AIIMS, Bhubaneswar reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
 13. The Agency shall not be permitted to bid for works in the AIIMS, Bhubaneswar responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Assistant Engineer (both inclusive). He shall also intimate the names of person who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the AIIMS, Bhubaneswar. Any breach of this condition by the Agency would render him liable to be removed from the approved list of Agencies of this Department.
 14. No Engineer of gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a Agency for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the Agency or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as afore said before submission of the bid or engagement in the Agency's service.

15. The bid for the works shall remain open for acceptance for a period of 180 days from the date of opening of bids.
16. This notice inviting bid shall form a part of the contract document. The successful bidder/ Agency, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

17. **Security Deposit :**

Payment of Security Deposit within 15 days from the date of issuance of award letter, amounting to Rs. 2,50,000/- per operator. The SD amount to be submitted in the form of BG having a validity period of 180 days from the date of expiry of contract from any scheduled commercial bank. Bank Guarantee from co-operative bank, even scheduled, or in the form of FDR is not acceptable.

18. Goods and Services Tax (GST).

- (a) GENERAL REMARKS ON TAXES & DUTIES: In view of GST Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly, reference of Excise Duty, service Tax, VAT, Sales Tax, Entry or any other form of indirect Tax except of GST mentioned in the bidding document shall be ignored.
 - (b) Bidders are required to submit copy of the GST Registration certificated while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.
 - (c) "GST shall mean Goods and services Tax charged on the supply of material(s) and services. The term 'GST' shall be construed to include the integrated Goods and Services Tax (Hereinafter referred to as "IGST") or central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and services Tax (Hereinafter referred to as "SGST") or union Territory Goods and services Tax (hereinafter referred to as "UTGST").
 - (d) Quoted price/rate(s) should be inclusive of all taxes and GST (i.e. IGST or CGST and SGST /UTGST applicable in case of interstate supply or intra state supply respectively and cess on GST if applicable) on the final service. However, GST rate (including cess) to be provided in the respective places in the price Bid. please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the supplier of Goods/services (service provider) only. Supplier of Goods/Service (Service provider) providing taxable service shall issue an invoice/Bill, as the case may be as per rules/regulation of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by supplier of Goods /services (Service provider) with requisite details.
19. The Agency shall be solely responsible for compliance to the provisions of various Labour and industrial laws, such as, wages, allowances, compensations, EPF, Bonus, Gratuity, ESI etc. relating to personnel deployed by it at AIIMS, Bhubaneswar site or for any accident caused to them and the institute shall not be liable to bear any expense in this regard. The Agency shall make payment of wages to workers engaged by it by the stipulated date irrespective of any delay in settlement of its bill by AIIMS, Bhubaneswar for whatever reason. The Agency shall also be responsible for the insurance of its personnel. The Agency shall specifically ensure compliance of various Laws / Acts, including but not limited to with the following and their re-enactments / amendments / modifications: -
- (a) The Payment of Wages Act 1936.
 - (b) The Employees Provident Fund & MP Act, 1952.
 - (c) The Contract Labour (Regulation) Act, 1970.
 - (d) The Payment of Bonus Act, 1965.
 - (e) The Payment of Gratuity Act, 1972.
 - (f) The Employees State Insurance Act, 1948.
 - (g) The Employment of Children Act, 1938.
 - (h) The Motor Vehicle Act, 1988.
 - (i) Minimum Wages Act, 1948.

20. **Breach of Terms and Conditions.** Noncompliance of any terms and conditions enumerated in the contract shall be treated as breach of contract. Or In Case of breach of any terms and conditions as mentioned above, 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, Bhubaneswar in that event the firm shall be suspended for One Year.

21. **Termination of Contract.** AIIMS, Bhubaneswar would have the right to terminate the contract, in case the work performance is not up to the standard, or in case there is any violation of AIIMS, Bhubaneswar rules & regulations, or if there is any lapse in compliance of any labour legislation, or if there is any incident of indiscipline on the part of the Tenderer or his staff and the agreement may be terminated. The decision of AIIMS, Bhubaneswar's management in this regard would be final and binding on the Tenderer. In such an event, AIIMS, Bhubaneswar shall have the right to engage any other tenderer to carry out the task.
22. **Arbitration.** The Arbitration shall be held in accordance with the provision of the Arbitration and conciliations Act, 1996 and the venue of arbitration shall be at Bhubaneswar. The decision of the Arbitrator shall be final and binding on the both parties.
23. **Dispute Settlement.** It is mutually agreed that all differences and disputes arising out of or in connection with this agreement shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, AIIMS, BHUBANESWAR whose decision shall be final and binding on both the parties. 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.
24. **Payment terms and condition :**
- I. Agency will pay a monthly licence fee as per the Quoted rate in NIT.
 - II. Agency will pay @ Rs 319/- per sqm per month for the Space/Land for installation of equipment including space for installation of generator/ control room/ tower (at bare land/space) etc.
 - III. the electricity bill will be paid by the firm as per the Metering Unit.
 - IV. All costs are borne regarding Survey, Design, Drawing, implementation (Supply, installation, testing, and commission) and Operation & Maintenance of the system will be borne by the successful E-Tender Agency. AIIMS will not be paid any amount in this regard.
 - V. Successful E-Tender Agency will also pay a monthly licence fee and rental fee for the space provided by the AIIMS and also the electricity bill as per the Metering Unit to AIIMS. The overall amount will be paid to AIIMS each month within 7 days.
 - VI. Payment of advance license fee for one month within 15 days from the date of issuance of the award letter.
 - VII. Commencement of the facility within 180 days [gestation period] during which period no licence fee and rental fee shall be payable. The quoted amount of the licence fee and rental fee shall become payable after 180 days from the date of award of the letter
 - VIII. The Agency shall pay all rates, assessments, out goings and other taxes as leviable on the Agency in 'Laws'.
 - IX. The Agency shall make payment of licence fee and Rental fee etc. by cheque/demand drafts /online drawn on local banks.
 - X. That in the event of outstanding dues exceeds one month, the Authority may without prejudice to other rights and remedies be entitled to charge penal interest @ 12% per annum on delayed payment for the first month and thereafter @ 18% per annum for a maximum of two months. During this period, the Agency shall be issued notice for clearance of outstanding dues. If the Agency fails to clear the dues within the said period of 2 (two) months, the contract shall be terminated and the dues along with penal interest shall be adjusted from the Security Deposit, without grant of any extension whatsoever."
25. **Penalty:** All the work shall be completed within the time given in the work order from the date of issue of work Order by the Institute. All the aspects of safe installation shall be the exclusive responsibility of the Agency. If the Agency fails to complete the work on or before the stipulated date, then a penalty at the rate of 1% per week of the total order value shall be levied subject to a maximum of 10% of the gross licence fee value of 6 (six) months.

26. Vendor shall submit following documents after execution of given work:

- (a) Work Completion declaration.
- (b) Installation ,Testing & Commissioning Certificate.

- (c) Material Test Certificate.
- (d) Warranty/Guarantee Certificate
- (e) Colour Photos of Executed work at different stages on glossary paper
- (f) No-Claim Certificate (NCC) regarding work
- (g) GST return up to date Voucher.
- (h) Bank Account Details
- (i) others necessary documents.

27. The Selected bidder will survey the premises and as per the E-tender document, he will arrive with a detailed design, drawing & technical datasheet of the telecommunication system at the entire AIIMS Campus. Further, all items/products/solutions required for a turnkey project to be submitted. All the work should be made as per CPWD norms.

28. Submission of Technical specifications of all equipment and the solution proposed is mandatory.

29. Preparation and submission of all Layout drawings, GFC drawing including all equipment before execution the work. After approval of Engineering In-charge the agency will start the work.

30. Preparation and submission of detailed solution document and network architecture including but not limited to the following components:

- I. All civil/electrical installations like the tower, Antennas, Power splitter, directional couplers, combiners/filters, connectors, jumpers, RF feeder, rack, and other electrical accessories, onsite equipment details also have to submit in the BOQ including layout drawing.
- II. The successful E-TENDER bidder shall submit the final testing and commissioning report after the completion of the work.

31. The Agency/firm shall be required to set up and manage the Common Shared In-building Solutions at the AIIMS Campus. The operator/ Agency will in turn provide the services of this system to various telecom operators and other agencies who require the same at the AIIMS by charging them an appropriate license fee.

32. Features required to be provided by Network Service Provider: -

- I. The minimum three operator will be BSNL, JIO and Airtel mobile operator .
- II. It will include all cellular standards such as GSM, CDMA, W-CDMA .
- III. The project coverage shall be provided through Distributed Antenna Systems and it shall be left to the successful E-TENDER bidder to decide on the technology solution fitted best to meet the coverage criteria keeping in view of the building profile and ground realities for mobile operators considering the commercial outflow to be paid by the mobile operators.
- IV. The technical specifications of the technology solution to be adopted by the successful e-Tender bidder should not be inferior to the technology being used by individual cellular operators. The licensee shall indemnify AIIMS from any claim from individual operators/users/any regulatory agency.

33. Operation & Maintenance of the equipment :

- I. All complain should be resolve with in 24 Hr after register the complain by mail or telephone.
- II. The agency shall be solely responsible for comprehensive maintenance and up keep the system in good condition.
- III. Quarterly preventive maintenance service shall be done.
- IV. The preventive maintenance shall be prepared and submitted in advance to the EIC by the Agency. The necessary shutdown may be taken with prior permission of the Engineer-in-Charge.
- V. The unlimited breakdown service calls shall be attended as and when required in free of cost . The maintenance work should be carried out without hampering the system.
- VI. The machines will be kept under working conditions throughout the year except certain eventualities (including but not limited to acts of God, epidemic, acts of Government,

- War, Civil commotion, terrorism. misuse of equipment with proper justification, public strike, failure of incoming power supply, fire, flood, adverse climate conditions or natural disaster) of the service provider.
- VII. All major and minor jobs including turnkey-based full phased maintenance jobs are responsibilities of the service provider.
 - VIII. The tools and tackles for the maintenance job will be provided by the agency at the site.
 - IX. The scope of comprehensive maintenance contract (CMC) for the system installed by him shall include all type of maintenance, repair, spares, consumable items, software and support services to keep the system fully operational.
 - X. If any damage will occurs in the system during the maintenance work shall be rectified immediately by the agency. No extra cost will be paid for this.
 - XI. The service engineer deputed by the agency shall be well qualified and having enough knowledge in the field of Telecommunication System.
 - XII. The agency shall submit service report to the Engineer- in-charge after completion of the preventive maintenance and as well as break down maintenance.
 - XIII. If agency fails to give service, then legal action will be initiated against the agency as per rule.

34. Following documents / records to be maintained at site :

- a) Attendance Register.
- b) Tools Register.
- c) List of tools and test equipment's available at site.
- d) Log Book.
- e) Meter Reading Sheet.
- f) Preventive Maintenance Schedule Register.
- g) Shutdown Permit Register.
- h) Testing/Calibration Register.

35. Rate of Escalation:

- a) The License Fees shall be subject to **annual escalation of 10%**.
- b) The first annual escalation will be applicable after completion of one year license period. Thereafter the same will be applicable after completion of subsequent one year period there from.

SPECIAL TERMS AND CONDITIONS

- 1) Service provider shall be responsible for obtaining necessary permissions from Department of Telecommunication [DOT] and comply with all guidelines issued by DOT from time to time. Any Law / Instruction issued by Local Authority, in this regard, shall also be adhered to.
- 2) The infrastructure should not hamper any other AIIMS facility.
- 3) Once the share infrastructure is made available, no new permission to be accorded for individual service provider to install IBS however they will be free to join the share structure as per manually agreed terms & conditions with the IBS provider.
- 4) The direct and indirect cost involved for the operation of IBS equipment is to be borne by the solution provider apart from the licence fee and rental fee.
- 5) 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.
- 6) The agency shall obtain prior permission from AIIMS to include/exclude any service provider in the Project.
- 7) The Agency shall provide adequate mobile signal coverage in the mentioned area.
- 8) **Other Obligations of Agency :**
 - a) During the continuance of this agreement, the agency shall not commit or suffer to be committed, any waste, spoils or destructions in or at the said space/site given.
 - b) On the expiry of the contract period, Agency shall promptly take action to remove the fixtures and fittings from the sites and in the event of not removing, or when the contract is terminated for any reason during the tenure of the contract for breach of terms and conditions or otherwise Authority will be at liberty to remove them and dispose of the materials and adjust their sale proceeds against the expenditure incurred by the Authority and in case on any shortfall, the Authority shall be at liberty to recover the same from the Agency.
- 9) **Force Majeure :**

Force Majeure' is hereby defined, as any cause, which is beyond the control of the Agency or AIIMS as the case may be, which could not be foreseen, and which substantially affects the performance of the project such as:

Natural phenomena including but not limited to floods, droughts, earthquakes, and epidemics: Acts of any Government, domestic or foreign, including but not limited to war, declared or undeclared, priorities, quarantines, embargoes: provided either party shall within 15 (fifteen) days from the occurrence of such a cause notify the other, in writing, of such causes.
- 10) Bidders are requested to visit the site to assess the feasibility of business and thereafter may bid in the E-TENDER. No reduction in licence fee and rental fee will be entertained by AIIMS at a later stage.
- 11) No structural alteration and addition are to be made in the space allotted without prior written consent from authority.
- 12) All fixtures and fittings and any property of the agency once installed inside or outside the building, under the provisions of this agreement, shall only be removed from their sites locations with the previous written approval, in the form of a formal 'Gate Pass' obtained from an authorized officer of the Authority.
- 13) That the agency for the said facility shall be valid for the period of 5 years from the competition of the work unless terminated earlier on account of following:

- (a) By giving 180 days notice in writing from either side without assigning any reason.
 - (b) Terminated by AIIMS on short notice on account of unsatisfactory performance.
 - (c) Termination on expiry of the specified period allotted for unresolved internal dispute resolution
- 14) That in addition to the above-said licence and rental fee, Agency shall pay all charges towards consumption of electricity, water as may be due as determined by the Authority and at the rate(s) fixed by it from time to time. Such charges shall be paid within the date(s) specified in the bill(s). The Agency shall have to provide his meter(s) for the purpose, failing which Agency shall be billed on assessed consumption. In default of payment of said charges, the Authority may without prejudice to its other rights disconnect or cause to be disconnected the water and electricity to the said premises without any notice and the Agency shall not be entitled to any compensation whatsoever on account of any such disconnection. Every one year meter calibration report shall be submitted from authorized labortory.
 - 15) The Agency shall equip himself with all necessary permits, licenses and such other permissions as may be required under the law in force at any time about the operation of the subject project.
 - 16) The Agency shall maintain such regular and proper account books along with other supporting documents regarding sales effected by the Agency in the said premises and said accounts/documents shall all the times be kept open for inspection by Authority in such manner as may be prescribed. The Agency shall provide to the Authority, if so required by the Authority, Statements of audited Accounts in such manner and within such period as the Authority may prescribe. Agency shall be liable to share invoicing details live with AIIMS.
 - 17) That the Agency shall have no right to object as and when the Authority decides to grant additional License for similar Facility at the AIIMS premises where the Agency is rendering such services.
 - 18) All the times during the project, it shall be the responsibility of the Agency to obtain proper fire insurance coverage including theft and burglary in respect of all the movable and immovable assets stored or used in the AIIMS premises and authority shall not be responsible for any loss or damage caused to the Agency on any accounts whatsoever.
 - 19) That the Authority reserves to itself the right to change the location of the premises at any time and may at its discretion, call upon the Agency to vacate the site and may give him an alternative premise for the purpose. In such a case, the Agency shall be bound to vacate the premises immediately and accept the said alternate premises. The entire expenditure on such shifting shall be borne by agency and the agency shall not be entitled to claim any compensation or revision.
 - 20) The Agency shall not erect or display any advertisement or signboards except after obtaining the prior approval in writing of the Authority.
 - 21) The Agency shall not terminate the contract before the expiry of the period of the contract except by giving 180 days' notice in writing, otherwise the Agency shall be liable to pay to the Authority (without any demur or question) such amount of money as the Authority may decide as due to it by the Agency. The agency can be terminated by the Authority by giving 180 days' notice in writing without assigning any reason thereto.

22) TERMINATION / EXIT CLAUSE

The Termination Clause, Exit Clause, Dispute Resolution Clauses of this agreement shall be as follows:

- (i) **Normal termination:** The contract will deem to be terminated on the last date as given in the agreement provided, the extension or renewal is approved by the competent authority on or before the last date and communicated to the Agency in writing and duly accepted
- (ii) **Termination for cause:** If the Agency or AIIMS has invoked the internal dispute resolution clause (as per which the dispute referred to the Dispute Resolution Committee is to be completed within a period of 45 days) and the same remains unresolved after the specified time period, it will be deemed that the notice period for the termination has commenced from the next date within which the dispute should have been resolved. No extra notice need be served by either party and the contract will terminate after the expiry of the notice period.

(iii) **Termination for convenience.** : Either party, AIIMS on one part and the Agency on the other part can serve the notice for termination by giving the requisite notice period. The notice by AIIMS to be served only after obtaining the approval of the acceptance authority. Similarly the notice given by the Agency should be approved by the acceptance authority. However the date on which notice was received at AIIMS will be the commencement of the notice period and the administrative time required for the approval will not be added. If the Agency has served the notice then the Agency is liable to pay demurrage charges. The demurrage charges will be equal to the amount of six months current licence fee if the termination occurs before the 50% period of the original contract. The period of 6 months will be reduced to 4 months if the contract period served exceeds the 50% period but is less than 75%. If the period served exceeds 75% and the period remaining is more than the required notice period for normal termination the demurrage charges will be equivalent to 3 months licence fee.

(iv) **Termination for regulatory/legislative or supervisory requirements.**

If any provision of law or legislation of India makes it mandatory to stop/prohibits the continuation of this license at any particular location or otherwise then it will deemed to be closed from the date of such enactment. No Compensation will be payable by the Authority.

(v) **Exponential Penalty**

Exponential Penalty on the Agency at the rate of double the licence fee per month in the form of damage charges will be imposed by the Authority on the Agency for unauthorizedly occupying the premises after expiry of the license period.

- 23) The bidders can conduct a survey of the area and the business potential of the contract before quoting their bids. No rebate of any sort shall be given in future due to any reason what so ever.
- 24) In case the service provider fails to comply with the Instructions of DOT orders to remove all such infrastructure, that shall be removed by Service Provider itself on its own cost and such termination happens before completion of 50% of the total tenure then the service provided shall pay penalties to AIIMS as per Termination clause of Tender Document. The Service Provider shall not be entitled for any such claims from AIIMS. An Undertaken/ Declaration to be taken from Service Provider in this regard before issuing award letter.
- 25) The infrastructure should not hamper any other AIIMS facility and also in the operation of the existing cellular service provider in any manner and they (existing cellular service provider) will be free to join this shared infrastructure.
- 26) No Objection Certificate from AIIMS (engg-In-Charge) for each location needs to be obtained before installation of equipment.
- 27) All the above guidelines form part of the agreement.

Appendix 'A'**FORM FOR FINANCIAL INFORMATION**
(Financial Analysis)

Details to be furnished duly supported by figures in Balance Sheet/Profit & Loss Account duly Certified by the Chartered Account, as submitted by the applicant to the Income Tax Department (copies to be attached).

Ser. No.	Description	2020-21	2021-22	2022-23

Note: Gross Annual Turn Over only.

Appendix 'B'**FORM FOR DETAILS OF ALL WORKS OF SIMILAR CLASS**
COMPLETED DURING THE LAST 07 (SEVEN) YEAR
(I.e., till the date of Tender Submission)

Ser. No.	Name of Work/ Project	Location	Owner or Sponsoring Organization	Cost of Work in Lakhs	Date of Commencement as per Contract	Stipulated date of Completion	Actual date of Completion	Litigation/ Arbitration pending/ In progress with details	Remarks
(a)	(b)	(c)	(d)	(d)	(f)	(g)	(h)	(i)	(j)
1.									
2.									
3.									
4.									
5.									
6.									
7.									

(Authorized Signature of the Bidder with Seal)

Appendix `C`**FORM FOR DETAILED INFORMATION BY BIDDER**

Name of Firm/Agency/Supplier	:
Complete Address and Telephone Number	:
Name of Proprietor/Partner/Managing Director/Director	:
Phone Number	:
Mobile Number	:
e-Mail ID	:
Name and address of service center nearby Bhubaneswar	:
Whether the firm is a registered Firm (Yes/No. Attach Copy of Certificate)	:
PAN Number. (Enclose the attested copy of PAN Card)	:
Service Tax Number. (Enclose the attested copy of VAT Certificate)	:
GST Number (Enclose the attested copy of VAT Certificate)	:
Whether the firm has Uploaded the Declaration in lieu of submitting Earnest Money Deposit.	:
Whether the Firm/Agency as signed each and every page of Tender/NIT	:
Any other information, if necessary.	:

(Authorized Signature of the Bidder with Seal)

Appendix: D**ACCEPTANCE LETTER***(To be submitted in applicant letter head)*

To,
 Director,
 AIIMS Bhubaneswar
 751019

Date:

Subject: Acceptance of AIIMS Tender Conditions

Sir,

The tender documents for the **“Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”** have been provided to me/us by AIIMS Bhubaneswar and:

1. I/We hereby certify that I/We have inspected the sites and read the entire terms and conditions of the tender documents made available to me/us. Which shall form part of the contract agreement and I/We shall abide by the conditions/Clauses contained therein.
2. We are enclosing and submitting here with our original Proposal, along with the information and documents as per the requirements of the Tender Document, for your evaluation and consideration.
3. I/We hereby unconditionally accept the tender conditions of AIIMS tender documents in its entirety for the above facility.
4. AIIMS reserves the rights to reject the conditional tenders without assigning any reason thereto.
5. I/ We hereby undertake that, all information provided in the Proposal and in its Appendices is true and correct.
6. I/We shall make available to AIIMS any additional information it may find necessary or require to clarify, supplement or authenticate the Proposal within such time as maybe prescribed by AIIMS.
7. I/We acknowledge the right of AIIMS to reject our Proposal without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
8. I/We certify that I/we or any of my/our constituents or my/our predecessor entity have neither failed to perform on any contract, as evidenced by imposition of a penalty or a judicial pronouncement or arbitration award, nor been expelled from any contract nor have had any contract terminated for breach on our part nor have I/we or any of my/our constituents or my/our predecessor entity defaulted in complying with any statutory requirements.
9. I/ We hereby declare that:
 - a. I / We have examined and have no reservations to the Tender Document, including the Addendum (if any) issued by AIIMS
 - b. I /We have not directly or indirectly or through any agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in Clause 21 of information and instructions to bidders for e-tendering of the Tender Document, in respect of any tender or request for proposal issued by or any agreement entered into with AIIMS or any other public sector enterprise or any government, Central or State; and

- c. I / We hereby certify that I / we have taken steps to ensure that, in conformity with the provisions of Clause 21 of information and instructions to bidders for e-tendering of the Tender Document, no person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
10. I/We declare that we satisfy and meet the requirements as specified in the Tender Document and eligible to submit a Proposal in accordance with the terms of this Tender Document.
11. I / We hereby irrevocably waive any right which we may have at any stage at law or howsoever otherwise arising or accruing to challenge or question any decision taken by AIIMS in connection with the selection of the Applicant, or in connection with the tender process itself, in respect of the award of above-mentioned concession and the terms and implementation thereof.
12. I / We understand that, except to the extent as expressly set forth in the Agreement, I/we shall have no claim, right or title arising out of any documents or information provided to us by AIIMS or in respect of any matter arising out of or concerning or relating to the Empanelment process including the award of work.
13. I / We confirm having submitted the EMD of Rs18,000 (Rupees eighteen thousand only) to AIIMS in accordance with the Tender Document.
14. I/We agree and understand that the Proposal is subject to the provisions of the Tender Documents. In no case, I / We shall have any claim or right of whatsoever nature if the contract is not awarded to me / us or our Proposal is not opened.
15. I/We agree and undertake to abide by all the terms and conditions of the Tender Document. Dated thisDay of , 2023.

Name & Address of the Applicant:

Name, Signature & Seal of the Authorized Representative

Appendix: E**POWER OF ATTORNEY FOR SIGNING OF PROPOSAL****(To be executed on non-judicial Stamp paper of Rs 100/-or as per applicable State Laws and duly notarized)**

Know all men by these presents, we..... (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Shri / Smt. (name), son/daughter/wife of aged years and presently residing at , who is presently employed with us/ the Lead Member of our Consortium and holding the position of , as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Proposal for pre-qualification and submission of our Bid for the [NAME OF LICENSE] facility at AIIMS Bhubaneswar , Odisha, India (the "Concession") proposed by AIIMS including but not limited to signing and submission of all Proposals, Bids and other documents and writings, participate in Pre-Proposals and other conferences and providing information/responses to the AIIMS, representing us in all matters before the AIIMS, signing and execution of all contracts including the Concession Agreement and undertakings consequent to acceptance of our Financial Proposal, and generally dealing with the AIIMS in all matters in connection with or relating to or arising out of our Financial Proposal for the said Concession and/ or upon award thereof to us and/or till the entering into of the Concession Agreement with the AIIMS.

AND we hereby undertake and agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE... THE ABOVE-NAMED PRINCIPAL HAVEEXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF20....

Witnesses:

1.

2.

For

(Signature, name, designation and address)

(Notarized)

Accepted

(Signature)

(Name, Title and Address of the Attorney)

Notes:

1. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
2. Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.
3. For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legalization Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.

Appendix: F**Certificate from Chartered Accountant/Statutory Auditor in respect of Technical Capacity & Experience**

Based on the audited records of the company, this is to certify that (Name of Bidder/Lead Member of Consortium) has an operating experience of at least () years in business and has presence in the the following locations.

No	Location	Business details	Date of commencement of Business

We further certify that, based on the audited accounts . (name of Bidder/ Member of Consortium) has a turnover from _____, as per details below.

Financial Year	Turnover (in INR lakh)
Total	Rs. lakh

Average annual turnover during the above three financial years from is INR lakhs.

Signature

Name & Membership No of Chartered Accountant/Statutory

Auditor Seal of the audit firm:

Date:

All India Institute of Medical Sciences
Engineering Branch, Bhubaneswar (Odisha)-751019
www.aiimsbhubaneswar.edu.in

BIDDERS UNDERTAKING

E-Tender for the work of: **“Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”**

To be submitted online by:

- (a) Time and date of online Opening of Technical Bids. : **On --/--/2023 at Hours.**
- (b) Time and date of opening of Online Financial Bids. : **To be intimate later.**

T E N D E R

I/We have read and examined the notice inviting tender, schedule along with Appendices 'A' to 'C' as per Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

If I/We, fail to furnish the prescribed Performance Guarantee within prescribed period. I/We agree that the said Director, AIIMS, Bhubaneswar or his successors, in office shall without prejudice to any other right or remedy, be at liberty to debarred my firm from AIIMS tender for one year. Further, if I/We fail to commence work as specified, I/We agree that Director, AIIMS, Bhubaneswar 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 the tender form. Further, I/We agree that in case of forfeiture of 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 got executed through another contract or on back to back basis. Further that, if such a violation comes to the notice of AIIMS, Bhubaneswar, then I/We shall be debarred for tendering in AIIMS, Bhubaneswar in future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before date of start of work, the Administrative Officer shall be free to forfeit the entire amount of 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 there from 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: * _____

Signature of Agency
with full Postal Address

Witness: *

Address: *
(* To be filled in by the Agency.)

Occupation:

CONDITIONS FOR ELECTRICAL WORKS

GENERAL CONDITIONS :

1. Name of the work: **“Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”**
2. For all items of Electrical; CPWD specifications with correction slips up to the date of receipt of tender shall be followed. For the items which are not covered under CPWD specifications; the special conditions /B.I.S. specifications shall apply. In this regard the decision of Engineer-in- charge shall be final & binding.
3. Wherever any reference is made of any Indian Standard, it shall be taken as reference to the latest edition with all amendments / revision issued thereto up to the date of receipt of tenders.
4. Other agencies working at site will also simultaneously execute the work entrusted to them and the Agency shall offer necessary co-operation wherever required to other agencies.
5. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the program for execution accordingly, for which nothing extra shall be paid.
6. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, Labor Laws, minimum wages act, workmen compensation act and other statutory laws enact by Central Govt. as well as State Govt.
7. No residential accommodation shall be provided to any of the staff engaged by the Agency. The Agency shall not be allowed to erect any temporary set up for staff in the campus.
8. No claims of the labours shall be entertained by the Department including that of providing employment, regularization of services etc.
9. All T&P, ladders/Hydra etc, Electrical instruments for execution of internal electrification work, consumable and Contingent Articles required for execution of the work shall be arranged by the Agency.
10. Staff employed by the Agency should be well behaved, polite & courteous. Any complaint against staff on behavior should be taken very seriously and such staff should be removed by the Agency immediately from the site and replacement shall be provided immediately.
11. All dismantled material will be removed from site by Agency after verification of measurement of the same by JE.
12. The Agency shall make all safety arrangement required for the labor engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the Agency. The department shall not be responsible for any mishap, injury, accident or death of the Agency's staff. No claim in this regard shall be entertained / accepted by the department. Also, Agency is responsible to the damage caused to any man/material other than his team during execution and AIIMS will not be responsible for that.
13. Agency shall be fully responsible for any damages caused to govt. property or allotter's property by his or his labor in carrying out the work and shall be rectified by the Agency at his own cost.
14. Chases, holes & drilling works etc. shall be done using power operated tools in the cost of Contract. No extra will be paid for the same.
15. **COST OF TESTS :** The cost of preparing samples and carrying out tests for quality of material or workmanship will be borne by the Agency except for such exclusions as are specifically mentioned in the specifications laid

down in contract. The cost of all test carried out by Laboratories directed by the Engineer-in-Charge will be borne by the Agency.

16. The Agency has to get the material approved from the Engineer-in-Charge before its procurement and actual use at site of work.
17. The scope of work includes all minor building works required for execution work such as cutting of wall etc. and making good the same. Nothing extra will be paid to Agency for the same.
18. The watch and ward of material and installation shall rest on the part of Agency during execution of work .
19. The Agency will take care of the building etc. while handling / installing the equipment to avoid damages to the building. If any damages occur during the execution of work, it shall be made good by Agency without any extra cost. Scrap folding / hydra crane work will be the scope of the vendor with no extra cost.
20. The vendor shall submit color photographs printed with glossy paper for showing different stages of work during the submission of final bill.

Executive Engineer (Electrical)
AIIMS Bhubaneswar

SIGNATURE OF THE AGENCY

TECHNICAL SPECIFICATION**WIRING****1. GENERAL**

Technical specifications in this section cover the Internal Wiring Installations comprising of Wiring for convenience socket outlet in surface/concealed conduit.

2. STANDARDS AND CODES.

Latest up to date Indian Standard (IS) and Code of practice will apply to the equipment and the work covered by the scope of this contract. In addition, the relevant clauses of the Indian Electricity Act 1910 and Indian Electricity Rules 1956 as amended UpToDate shall also apply. Wherever, appropriate Indian Standards are not available, relevant British and/or IEC Standard shall be applicable.

3.0 LT CABLES**3.1 GENERAL**

LT Cables shall be supplied, inspected, laid, tested and commissioned in accordance with specifications, relevant Indian Standards Specifications, and cable manufacturer's instructions. The cable shall be delivered at site in original drums with manufacturer's name clearly written on the drums. The recommendations of the cable manufacturer with regard to jointing and sealing be strictly followed.

3.2 MATERIAL

The L.T. Cables shall be XLPE insulated FRLS aluminum conductor armored cable, PVC inner sheathed, overall PVC sheathed in conformity to latest technical specification and as per latest IS code.

3.3 LT CABLE LAYING

3.3.1. The cable shall be laid directly in cable tray clamped with 40mm x 3mm MS flat clamp, in HDPE pipe below 750 mm from ground level and in cable trench. The cable laying work will be done as per CPWD specification of electrical works.

3.3.2.Underground Cable Laying procedure

A trench of about 1.5 meters deep and 45 cm wide is to be dug as per required. Then the trench is to be covered with a 10 cm thick layer of fine sand. The cable is to be laid over the sand bed. The sand bed protects the cable from the moisture from the ground. Then the laid cable shall again be covered with a layer of sand of about 10 cm thick. When multiple cables are to be laid in the same trench, a horizontal or vertical spacing of about 30 cm is to be provided to reduce the effect of mutual heating. Spacing between the cables also ensures a fault occurring on one cable does not damage the adjacent cable. The trench is then to be covered with bricks and soil to protect the cable from mechanical injury.

3.4 INSPECTION.

All cables shall be inspected at site and checked for any damage during transit.

3.5 Metal Structure:

Main Support: GI Angel 55x55x5 , supporting angel of back side: 55x55x5 , back Side of letter GI Pipe 2x1 of 18 gauges as per design. Fully Color and Concrete Base for the Structure.

4.0 TESTING OF CABLES

4.1 Prior to the installation of cables, the following tests shall be carried out. Insulation test between phases, phase & neutral, phase & earth for each length of cable.

- a) Before laying
- b) After laying
- c) After jointing

4.2 On completion of cable laying work, the following tests shall be conducted in the presence of the Engineer-in-Charge.

- a) **Insulation Resistance Test (Sectional and overall).**
- b) **Continuity Resistance Test.**
- c) **Earth Continuity Test.**

4.3 All tests shall be carried out in accordance with the relevant Indian Standard code of practice and Indian Electricity Rules. The Agency shall provide the necessary instruments, equipment and labour for conducting the above tests & shall bear all expenses of conducting such tests without any extra charge.

5. **CONDUITS.**

5.1. **MS CONDUITS.** Wiring shall be carried out in surface/concealed conduits. The MS conduits conform to Latest and shall be ISI embossed. The conduits shall be heavy gauge (minimum 2 mm wall Thickness) and the interiors of the conduits shall be free from all obstructions. All joints in conduits shall be tightening properly with socket. Damage conduits/fittings shall not be used. Cut ends of conduits shall not have sharp edges.

5.2. **BENDS.** As far as possible, the conduit system shall be so laid out that it shall obviate use of tees, elbows and sharp bends. No length of conduit shall have more than the equivalent of two quarter bends from inlet to outlet.

5.3 **CONDUIT ACCESSORIES**

5.3.1 **STANDARD ACCESSORIES.** The conduit wiring system shall be completed in all respects, including their accessories. Bends, couplers, Dip junction Boxes etc. shall be solid or inspection type as required, in surface type or works. The accessories shall conform in all respects to the relevant IS. Samples shall be got approved by Executive Engineer (Electrical) before use.

5.3.2. **FABRICATED ACCESSORIES.** Wherever required, outlet boxes of required sizes shall be fabricated from 1.6 mm thick MS sheets which shall be fabricated from minimum 3 mm thick sheets. The outlet boxes shall be of approved quality, finish and manufacture. Suitable means of fixing connectors etc., if required, shall be provided in the boxes. The boxes shall be protected from rust by zinc phosphate primer process. Boxes shall be finished with minimum 2 coats of enamel paint of approved colour. A screwed brass stud shall be provided in all boxes as earthing terminal.

6. **WIRES.** Wiring shall be carried out with FRLS insulated 660/1100-volt grade unsheathed single core wires with electrolytic annealed standard copper (unless otherwise stated) conductors conforming to latest IS Code. All wire rolls shall be ISI marked. All wires shall bear the manufacturer's label and shall be brought to site in new and original packages. Manufacturer's certificate, certifying that wires brought to the site are of their manufacture shall be furnished as required.

7. **LAYING OF CONDUITS**

- Conduits shall be laid on the surface/concealed on walls and ceilings as required.
- Same rate shall apply for surface/concealed Conduiting in this contract.
- Stranded copper conductor insulated wire of size as per the schedule of quantities shall be provided in entire conducting for loop earthing.

8. **SURFACE/CONCEALED CONDUCTING**

Wherever so desired, conduit shall be laid in the surface over finished concrete and/or plastered brickwork. A suitable GI/MS Hook of approved make and finish shall be fixed to the finished Structural surface along the conduit route at intervals not exceeding 600 mm. Holes in concrete or brickwork for fixing the

saddles shall be made neatly by electric drills using masonry drill bits. Conduits shall be fixed on the saddles by means of good quality heavy-duty MS clamps screwed to the saddles by counter sunk screws. The neat appearance and good workmanship of surface conduiting work is of particular importance. The entire conduit work shall be in absolute line and plumb. The MS conduit should be painted with primer initially and then with two coats of approved make colour before laying the conduit.

8.1 FIXING OF CONDUIT FITTINGS AND ACCESSORIES

For surface/concealed Conduiting work, the fittings and accessories shall be completely embedded on the finished wall/ceiling surface in a workman-like manner. Loop earthing wire shall be connected to a screwed earth stud inside outlet boxes to make an effective contact with the metal body.

8.2 CLEANING OF CONDUIT RUNS

The entire conduit system including outlets and boxes shall be thoroughly cleaned after completion of erection and before drawing in of cables.

8.3 PROTECTION AGAINST DAMPNESS.

All outlets in conduit system shall be properly drain and ventilated to minimize chances of condensation/sweating.

8.4 EXPANSION JOINTS.

When crossing through expansion joints in buildings, the conduit sections across the joint shall be through approved quality heavy duty metal flexible conduits of the same size as the rigid conduit. The expansion joint crossing shall be done as approved by Engineer-in-Charge.

8.5 LOOP EARTHING.

Loop earthing shall be provided by means of insulated stranded copper conductor wires of sizes as per the Schedule of Quantity laid along with wiring inside conduits for all wiring outlets. Earthing terminals shall be provided inside all switch boxes, outlet boxes and draw boxes etc.

9. LAYING AND DRAWING OF WIRES.

9.1. BUNCHING OF WIRES

Wires carrying current shall be so bunched in conduits that the outgoing and return wires are drawn into the same conduit. Wires originating from two different phases shall not be run in the same conduit.

9.2 DRAWING OF WIRES.

The drawing of wires shall be done with due regard to the following precautions: No wire shall be drawn into any conduit, until all work of any nature, that may cause injury to wire is completed. Burrs in cut conduits shall be smoothen before erection of conduits. Care shall be taken in pulling the wires so that no damage occurs to the insulation of the wire. Approved type bushes shall be provided at conduit terminations. Before the wires are drawn into the conduits, conduits shall be thoroughly cleaned of moisture, dust, dirt or any other obstruction by forcing compressed air through the conduits if necessary. While drawing insulated wires into the conduits, care shall be taken to avoid scratches and kinks which cause breakage of conductors. There shall be no sharp bends. The Agency shall, after wiring is completed, provide a blank metal/mica plate on all switch/outlet/junction boxes for security and to ensure that wires are not stolen till switches/ outlets etc. are fixed at no extra cost the Agency shall be responsible to ensure that wires and loop earthing conductors are not broken and stolen. In the event of the wire been partly/fully stolen, the Agency shall replace the entire wiring along with loop earthing at no extra cost. No joint of any nature whatsoever shall be permitted in wiring and loop earthing.

9.3 TERMINATION/JOINTING OF WIRES.

Sub-circuit wiring shall be carried out in looping system. Joints shall be made only at distribution board terminals, switches for socket outlets. No joints shall be made inside conduits or junction/draw/inspection boxes. Switches controlling socket outlets shall be connected in the phase wire of the final sub circuit only. Switches controlling socket outlets shall be connected in the neutral wire. Wiring conductors shall be continuous from outlet to outlet. Joints where unavoidable, due to any special reason shall be made by approved connectors. Specific prior permission from Engineer-in-Charge in writing shall be obtained before making such joint. Insulation shall be shaved off for a length of 15 mm at the end of wire like sharpening of a pencil and it shall not be removed by cutting it square

or wringing. Strands of wires shall not be cut for connecting terminals. All strands of wires shall be twisted round at the end before connection. Conductors having nominal cross-sectional area exceeding 1.5 Sq. mm shall always be provided with crimping sockets. Tinning of the strands shall be done wherever crimping sockets are not available as per instructions of the Executive Engineer (Electrical). All wiring shall be labelled with appropriate plastic ferrules for identification. At all bolted terminals, brass flat washer of large area and approved steel spring washers shall be used. Brass nuts and bolts shall be used for all connections. The pressure applied to tighten terminal screws shall be just adequate, neither too less. Switches controlling socket outlets shall be connected to the phase wire of circuits only. Only certified valid license holder wiremen shall be employed to do wiring/jointing work.

9.4 LOAD BALANCING.

The Agency shall plan the load balancing of circuits in 3 phase installation and get the same approved by the Engineer-in-Charge before the commencement of the work.

9.5 COLOUR CODE OF CONDUCTORS.

Colour code shall be maintained for the entire wiring installation – red, yellow, blue for three phases, blank for neutral and green for earth.

10. PERFORMANCE.

Should the above tests not comply with the limits and requirements as above the Agency shall rectify the faults until the required results are obtained. The Agency shall be responsible for providing the necessary instruments and subsidiary earths for carrying out the tests. The above tests are to be carried out by the Agency without any extra charge.

11. MINIATURE CIRCUIT BREAKERS.

The MCB's shall be of the completely moulded design suitable for operation at 240/415 Volts 50 Hz system. The MCB's shall have a rupturing capacity of 10 KA at 0.5 pf. The MCB's shall have inverse time-delayed thermal overload and instantaneous magnetic short-circuit protection. The MCB time current characteristic shall coordinate with the XLPE cable characteristic. Type test certificates from independent authorities shall be submitted before the execution of work.

Technical Bid (Eligibility Criteria)

The scanned copies of the following mandatory documents are to be uploaded on the e-Tendering Portal in the following format.

Sl.no.	Details/ Particulars	Uploaded (Yes/No)	Page No
A.	Declaration in lieu of submitting Earnest Money Deposit (Annexure-III).		
B.	Affidavit (Annexure-I)		
C.	Certificates of Work Experience & Completion Certificate of Similar Work from Client not below the Rank of Executive Engineer or equivalent, as mentioned in Ser. No. – 4, Page No. – 7 refer under Eligibility Criteria		
D.	Certificate of Registration for GST and acknowledgment, up-to-date filed return if required		
E.	Attested Copies of PAN No.		
F.	Copies of Balance Sheets from CA.		
G.	Appendix 'A to F' duly filled in (Pages 12 & 13 ref.) and signed with stamp		
H.	Copies of valid Registration Certificate for Infrastructure Provider by Ministry of Communications & IT Department of telecommunications.		
I.	Copies of the undertaking.		
J.	Declarations to be given by the Tenderer(s)		
K.	Each page of the e-tender documents should be duly signed with a seal.		
L.	MSME Registration Certificate		

(Signature of Bidder with Firm's Seal)

Annexure – I**AFFIDAVIT**

(To be submitted on Rs. 10/- Indian Non-Judicial Stamp Paper)

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

I/We also certify that, Firm will supply the item(s) as per the specification given by Institution and also abide all the Terms & Conditions stipulated in Tender.

I/We also certify that, the information given in Bid is true and correct in all aspects and in any case at a later date, it is found that any details provided are false and incorrect, any contract given to the concerned firm or participation may be summarily terminated at any state, the firm will be blacklisted and Institute may impose any action as per e-Tender Rules.

“I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another Agency on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee”.

Business Address: -

Name:

(Signature of Bidder with Firm's Seal)

Place: _____

Dated: _____

Annexure – II**FORM OF PERFORMANCE SECURITY (BANK GUARANTEE)**

1. In consideration of the Director, AIIMS, Bhubaneswar (hereinafter called “the Government”) having offered to accept the terms and conditions of the proposed agreement between _____ and _____ (hereinafter called “the said Agency(s)”) for the work (hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/ guarantee from the Agency(s) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

I/We _____ (hereinafter referred to as Bank) hereby (Indicate the name of the Bank) undertake to pay to the Government an amount not exceeding Rs. _____ (Rupees _____ only) on demand by Government.

2. I/We _____ do hereby undertake to pay the (Indicate the name of the Bank) amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Agency(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).

3. I/We _____ the said bank undertake to pay to the Government any money so demanded not withstanding any dispute or disputes raised by the Agency (s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

4. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the Agency (s) shall have no claim against us for making such payment.

5. I/ We _____ further agree that the guarantee herein contained (Indicate the name of Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till Engineer-in-charge on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out be the said Agency (s) accordingly discharges this guarantee.

6. I/We _____ further agree with the Government that the (Indicate the name of Bank) Government shall have the fullest liberty without our consent, and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Agency(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Agency (s) and to forebear or enforce any of the terms and conditions relating to the said agreement & we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said Agency (s) or for any forbearance, act of omission on that part of the Government or any indulgence by the Government to the said Agency (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. The guarantee will not be discharged due to the change in the constitution of the Bank or the Agency(s).

8. We _____ lastly undertake not to revoke this (Indicate the name of Bank) guarantee except with the previous consent of the Government in writing.

9. This Guarantee shall valid up to _____ unless extended on demand by Government, notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this Guarantee all our liabilities under the Guarantee shall stand discharged.

Dated the _____ day of _____ for _____

(Indicate the name of the bank)

Annexure –III

(To be made on Rs 100/- Judicial Stamp Paper)

This Agreement is made at.....on this.....day of.....2023.

BETWEEN

Director, AIIMS, Bhubaneswar represented through Executive Engineer (Elect), AIIMS, BHUBANESWAR, (Hereinafter referred as the) (Address) **“Principal/Owner”**, which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

AND

..... (Name and Address of the Individual/firm/Company) through..... (Hereinafter referred to as the (Details of duly authorized signatory)

“Bidder/Agency” and which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

Preamble

WHEREAS, the Principal/Owner has floated the Tender (NIT No. **AIIMS/BBSR/ENGG. /ELECT. /27/2023**) (here in after refer red to as **“Tender/Bid”**) and intends to award, under laid down organizational procedure, contract for: **“Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”** herein after referred to as the **“Contract”**.

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the Land, Rules & Regulations, Economic use of resources and of fairness/ transparency in its relation with its Bidder(s) and Agency(s).

AND WHEREAS to meet the purpose afore said both the parties have agreed to enter to this Agreement (hereinafter referred to as **“Pact”**), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

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

Article - 1: Commitment of the Principal/Owner.

1. The Principal/Owner commit itself to take all measures necessary to prevent corruption and to observe the following principles:

- (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender processor the Contract execution.
- (c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal Code (IPC)/Prevention of Corruption Act, 1988 (P C Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article - 2: Commitment of the Bidder(s)/Agency(s)

1. It is required that each Bidder/Agency (including their respective officers, employees and agents) adhere to the highest ethical standard and makes, and report to the Government/Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2. The Bidder(s)/Agency(s) commit himself to taking all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution: -

(a) The Bidder(s)/Agency(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind what so ever during the Tender process or during the execution of the Contract.

(b) The Bidder(s)/Agency(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

(c) The Bidder(s)/Agency(s) will not commit any offense under the relevant IPC/PC Act. Further, the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Agency(s) of foreign origin shall disclose the names and addresses of agents/representatives in India if any. Similarly, Bidder(s)/Agency(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

(e) The Bidder(s)/Agency(s) will, when presenting his bid, disclose any and all payments he has made, is committed to, or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3. The Bidder(s)/Agency(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4. The Bidder(s)/Agency(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5. The Bidder(s)/Agency(s) will not, directly or through any other person or firm use Coercive Practices

(means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may be fall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article - 3: Consequences of Breach.

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

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

Article - 4: Previous Transgression.

1. The Bidder declares that no previous transgressions occurred in the last 05 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender processor action can be taken for banning of business dealings/holiday listing of the Bidder/Agency as deemed fit by the Principal/Owner.
3. If the Bidder/Agency can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/ Owner may, at its own discretion, revoke the exclusion prematurely.

Article - 5: Equal Treatment of all Bidders/Agencys/Sub-Agencys.

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

Article - 6: Duration of the Pact.

1. This Pact begins when both the parties have legally sign edit. It expires for the Agency/Vendor months after the completion of work under the Agency till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
2. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, AIIMS, Bhubaneswar.

Article - 7: Term & Condition of Payment.

1. The quoted License Fee shall be for three (03) operators in the bouquet and the bidder will be bound to pay it as minimum. However, in case of increase in no. of Cellular Operators beyond the specified number in the bouquet, pro-rata increase in license fee shall be payable.
2. Space/Land Rent for installation of equipment including space for installation of generator/ control room/ tower (at bare land/space) etc. is Rs.319 /- Per sqm per month.
3. Electrical charges as per actual meter reading shall be deducted from the bill. If the connection is taken directly without the installation of meter with prior permission from Executive Engineer (Electrical), then the amount as per the usage shall be deducted from the gross bill amount as suggested by Executive Engineer (Electrical).
4. All the work shall be completed within 180 days from the date of issue of the work Order by the Institute. All the aspects of safe installation shall be the exclusive responsibility of the Agency. If the Agency fails to complete the work on or before the stipulated date, then a penalty at the Rate of 1% per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay in the part of the Agency (as per GCC_2020) shall be levied subject to maximum of 10% of the 6 months licence fee value of the work.
5. It is mandatory for the bidders to indicate their bank account number and over relevant e-payment details so that payment could be made through RTGS/Other mechanism.
6. GST and other taxes as applicable shall be recovered/paid from the Agency's bill as per Govt. of India/ AIIMS Rules & other documents as per NIT.
7. Payment of advance licence fee for one month within 15 days from the date of issuance of the award letter.
8. The licence fee shall be subject to annual escalation of 10%.

Article - 8: Other Provisions.

1. **Jurisdiction Clause i.e.** Local court Jurisdiction of Bhubaneswar for judicial settlement of the disputes.
2. Changes and supplements need to be made in writing. Side agreements have not been unmade.
3. If the Agency is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
4. should one or several provisions of this Pact turnout to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. Arbitration Clause : In case of disagreement of parties on appointment of arbitration , the Appropriate Judicial forum may be approached by either party through proper application for appointment of arbitrator as per provisions of Arbitration & Conciliation (Amendent) Act.

Article - 9: LEGAL AND PRIOR RIGHTS.

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

Article -10 : Period

This agreement will take effect from the day of month year and shall be valid for year and extendable for another years on mutual agreement conditions.

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

.....
 (For and on behalf of Principal/Owner) (For and on behalf of Bidder/Agency)

WITNESSES:

1.
 (Signature, Name and address)

2.
 (Signature, Name and address)

Place :

Dated :

PROFORMA OF SCHEDULES**SCHEDULE 'E'*****(Reference to General Conditions of Contract.)***

Name of Work : : **"Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar."**

Estimated Cost of Work: **NIL**

- | | | | |
|-----|------------------|---|--|
| (a) | Earnest Money | = | Rs. 18,000.00/- |
| (b) | Security Deposit | = | Rs. 2,50,000/- per operator (Payment of Security Deposit within 15 days from the date of issuance of award letter) |

SCHEDULE 'F'***GENERAL RULES & DIRECTIONS:*****Officer Inviting Tender: - Executive Engineer (Elect.), AIIMS, Bhubaneswar**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined: -

In accordance with Clause -12.2 &12.3 = 50%

Definitions**See below**

- | | | |
|---------|---|--|
| 2 (v) | Engineer-in-Charge | Superintending Engineering
AIIMS, Bhubaneswar |
| 2(viii) | Accepting Authority | Executive Director
AIIMS, Bhubaneswar |
| 2(x) | Percentage on cost of materials and labor to cover all overheads and profit | — |
| 2(xi) | Standard Schedule of Rates | Central Public Works Department Schedule of Rates - 2022 at Delhi with up-to-date correction slips |
| 9(ii) | Standard AIIMS Contract Form | GCC for CPWD Works - 2020 as amended and up to and including correction slip |
-
- | | | |
|------|---|-------------------------------|
| (i) | Time allowed for submission of Performance guarantee,; Program Chart (Time & Progress) and applicable Labor Licenses, Registration with EPFO, ESIC & BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance | 15 Days |
| (ii) | Maximum allowable Extension with late fee @ 0.1% of: Performance guarantee amount beyond the period provided in (i) above. | As mention in tender document |

Clause – 2.

Authority for fixing compensation under Clause 2 : Executive Director, AIIMS, Bhubaneswar

Clause – 2A.

Whether Clause 2A shall be applicable : **No**

Clause – 5.

Time allowed for the execution of work : **180 Days (AFTER
ISSUE OF WORK ORDER).**

Time of start of work: Within seven days after the issue of the work order.

Number of days from the date of issue of letter of acceptance for reckoning date of start : **15 Days**

Authority to decide fair & reasonable extension of time for completion of work : **Superintending Engineer, AIIMS, Bhubaneswar**

Clause – 6A.

Whether Clause 6A shall be applicable : **No.**

Clause – 7A.

Whether clause 7A shall be applicable : **YES.**

Clause – 10B(ii).

Whether Clause 10B(ii) shall be applicable : **No.**

Clause – 10C.

: **Not applicable.**

Clause – 10CA.

: **Not applicable.**

Clause – 16.

Competent Authority for deciding reduced rates : **Superintending Engineer
AIIMS, Bhubaneswar**

Clause – 25.

Settlement of dispute & Arbitration : **Executive Director, AIIMS,
Bhubaneswar**

Clause – 36(i). Requirement of Technical Staff and rate of recovery in case of non-compliance shall be as per the following table :-

Value of Work	Ser. No	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience in years	Number	Rate at which recovery shall be made from the Agency in the event of not fulfilling provision of clause 36(i)	
							(Figures)	(Words)
For Agreement amount upto Rs150 Lakhs	(a)	Graduate Engineer OR Diploma Engineer	Elect.	Principal Technical representative	02 years for Graduate Engineer/ 05 years for Diploma Engineer	2	Rs 30000.00/-	Rs. Thirty Thousand only

Financial Bid (schedule of quantities)

NIT NO.: AIIMS/BBSR/ENGG. /ELECT. /27/2023

Name of the work:- “Implementation of mobile network coverage solution of Telecommunication system at AIIMS Bhubaneswar.”

Item No.	Name of the Facility	Minimum Reserved License Fees (MRLF)/Minimum Monthly Guarantee (MMG) (In INR) [for 03 nos. of Cellular operators in a bouquet]	Unit	Quoted Rate
1.0	License for Installation/Provision of Infrastructure to Provide Customized Shared In-Building Solutions (IBS) in Hospital Campus and Residential Campus at AIIMS, Bhubaneswar.	RS 75,000.00 /- (exclusive of applicable taxes)	Per month	
		Total Amount (Including GST)	Rs.	

(Rupees _____ Only) (Including GST)
Note:-

- LMR = To be read as Local Market Rate.**
- The Bidder must submit Financial Bid in On-Line Mode.
- I/We have gone through the terms & conditions as stipulated in the tender and confirm to accept and abide the same.
- Agency has to bring samples as per the above-preferred brands only and Engineer-In-Charge shall approve one sample out of the samples brought by the Agency. The Agency has to use material of that approved sample only. No claim in this regard shall be entertained.
- In case of non-availability of material of approved make, prior approval from Engineer-In-Charge shall be obtained for another make.
- The requoted should be inclusive of GST as applicable.**
- Highest quote/offer over and above MRLF shall be the sole parameter for selection of highest bidder (H-1 bidder) .**
- License Fees shall be the quoted fixed license fees/ quoted MMG. The quoted fixed License Fees/MMG is subject to annual escalation rate as detailed in NIT.
- The quoted License Fee shall be for three (03) operators in the bouquet and the bidder will be bound to pay it as minimum. However, in case of increase in no. of Cellular Operators beyond the specified number in the bouquet, pro-rata increase in license fee shall be payable. [For e.g. if against the MRLF of Rs. 75,000/-for three (03) operators, the highest bidder has quoted is Rs. 90,000/- (for 3 operators) per month i.e. Rs. 30,000/- per operator. For each additional operator joining the bouquet after 03 operators, pro-rata license fee of Rs. 30,000/- per additional operator OR the license fee applicable after annual escalation at that time shall be payable].**
- Space/Land Rent for installation of equipment including space for installation of generator/ control room/ tower (at bare land/space) etc. is Rs.319 /- Per sqm per month.**

I, the Agency certify that I am filling this template after understanding all the terms of schedule of Quantity of e
NIT page no_____.

Name : _____

Business Address : _____

Mobile Number: _____

Signature of the Bidder :-

Date : _____

Place : Bhubaneswar

Seal of the Bidder

E-TENDERING INSTRUCTIONS TO BIDDERS

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION ON CPP PORTAL:

Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrolment" on the CPP Portal which is free of charge.

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC"s to others which may lead to misuse.

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER ENQUIRY DOCUMENT

There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders" folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

Bidder should consider any corrigendum published on the tender document before submitting their bids.

Please go through the tender advertisement and the Tender Enquiry Document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

Bidder, in advance, should get ready the documents/BoQ to be uploaded as indicated in the Tender Enquiry Document and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Scanned documents to be uploaded may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document and resulting in fast uploading. It is the responsibility of the bidder to ensure that uploaded scanned documents are legible.

To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents has been provided to the bidders. Bidders can use "My Space" or „Other Important Documents"" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

Submission of Bids

Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Tender Enquiry document.

Bidder has to select the payment option as "offline" to pay the Bid Security/ EMD as applicable and enter details of the instrument.

Bidder should prepare the Bid Security/EMD as per the instructions specified in the Tender Enquiry Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Tender Enquiry Document. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

The server time (which is displayed on the bidders" dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by

unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

The uploaded Tender/Bid shall become readable only after the tender opening by the authorized bid openers.

Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

Any queries relating to the Tender Enquiry Document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the NIT.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk