



NIT No: 06 /2017-2018 / CCTV/IGIMS/Store

RFP

For

Selection of System Integrator for Supply, Installation, Commissioning and Maintenance of CCTV Based Surveillance System in the Premises of Indira Gandhi Institute of Medical Science (I.G.I.M.S), Patna.

**Department of Bio-Medical Engineering
Indira Gandhi Institute of Medical Science**

Sheikhpura, Patna – 800 014 (Bihar)

Phone: 0612-2297099 / 2297631,

E-mail:- director@igims.org, bme@igims.org; Website:- www.igims.org

IMPORTANT INFORMATION

Non-Refundable Tender Cost	Rs. 2,000.00 (Two Thousand only) through demand draft in favour of Director, IGIMS – Patna payable at Patna.
Sale of RFP Document	<p>Can be downloaded from Institute website www.igims.org.</p> <p>In case, downloaded bidding document is used ,Bidder(s) have to submit the cost of the Tender Document along with the completed documents in the form of demand draft in favour of Director , IGIMS, Patna, payable at Patna towards cost of the “ Tender documents”</p> <p>Bidder is required to attach separate Demand Draft for the same in a separate envelop super scribed with “ cost of bidding document” if the cost of tender document is not submitted by the bidder, his offer shall be outright rejected .</p>
EMD/Bid Security	Rs. 2, 00,000.00 (Rs. Two Lakhs Only) in the form of Bank Guarantee / Demand Draft in favour of Director, I.G.I.M.S Ltd. Patna from any scheduled bank.
Performance Bank Guarantee (PBG)	Performance Guarantee will be submitted in the form of Bank Guarantee @ 10% of Project Cost/P.O. Value by successful bidder.
Last date for submission of Bid	17.07.2017 till 4.00PM
Date of Pre-Bid Meeting	05.07.2017 at 3:30 P.M. in the Conference Hall of the Institute.
Opening of Bids (Technical Only)	18.07.2017 at 3.30PM

CHAPTER 1. INFORMATION

1.1 GENERAL INSTRUCTIONS

Indira Gandhi Institute of Medical Science (IGIMS), Patna, Bihar intends to set up **IP based CCTV Surveillance System** in their premises.

The invitation to the bid is for “**Supply, Installation, Commissioning and maintenance of IP based CCTV Surveillance System** in the premises of Indira Gandhi Institute of Medical Science (IGIMS), Patna Bihar” with one year warranty. Submission of bids shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications. This section provides general information about the Issuer, important dates and addresses and the overall eligibility criteria for the bidders.

1.1.1 ISSUER

Indira Gandhi Institute of Medical Science (herein after referred to as I.G.I.M.S), an Autonomous Institute under Govt. Of Bihar & Statutory Institute created by an Act of State Legislature and recognized by UGC, invites proposals from leading agencies in the IT Industry for the aforesaid requirement.

1.1.2 CONTACT PERSON

Director,
Indira Gandhi Institute of Medical Science (IGIMS),
Sheikpura ,
Patna 800 014(Bihar)

1.1.3 PROCUREMENT OF RFP DOCUMENT

The RFP document can be downloaded from the Institute Website www.igims.org. The cost of tender document is Rs. 2000/- (Rupees Two Thousand Only) which is non-refundable. In case, downloaded bidding document is used, Bidder(s) have to submit the cost of the Tender Document along with the completed documents in the form of demand draft in favour of Director, IGIMS, Patna, payable at Patna towards cost of the “Tender documents”

Bidder is required to attach separate Demand Draft for the same in a separate envelop super scribed with “cost of bidding document” if the cost of tender document is not submitted by the bidder, his offer shall be outright rejected.

1.2 Project background

This project has been developed to keep the close monitoring of the activities in the premise of the Indira Gandhi Institute of Medical Science (IGIMS), at Patna in order to ensure security.

The Administration is looking for a system in each building / area (Outdoor / Indoor) which should be capable of monitoring from Single/Multiple location in the premise only.

1.3 SYSTEM OBJECTIVE

- a) The Project envisages implementation of Video Surveillance system for:
 - i. Law & Order,
 - ii. Special events like public gatherings etc.
 - iii. Crime Control,
 - iv. Unauthorised Access Control, etc.

- b) System should be scalable and provide enhanced functionality and services as and when required in future (Scalability and Expandability)

1.4 The system should broadly aim at the following minimum capabilities:

- a) Providing high-quality video images on real-time basis from distant security cameras.
- b) Establishing Central Control Room in each premise to continuously monitor, analyse and take action as required by coordinating all responses.

For this purpose only, Indira Gandhi Institute of Medical Science (IGIMS) has conceptualized the project for supply, installation, commissioning and maintenance of CCTV Surveillance System in the aforesaid premises.

1.5 DETAILED SCOPE OF WORK

Supply, Installation, Commissioning and maintenance of CCTV based Surveillance System in the premises of Indira Gandhi Institute of Medical Science (IGIMS), Patna.

A combination of IP High definition (HD), Night Vision Fixed (Bullet and Dome) & PTZ cameras should be used for keeping track of the activities in the premise of the above-mentioned location. OFC and UTP will be deployed for establishing network. The responsibility of the selected bidder will be at least but not limited to the facts mentioned below:-

- a) Co-ordination with different stakeholders of the project and addressing different issues.
- b) Nominate the project manager, who will be the single point of contact from the side of successful bidder, just after placement of Letter of Intent (LOI).
- c) Supply, installation, commissioning and maintenance of required material for establishment of wired end to end network and electrical connectivity (if required) of all the camera locations under this RFP to the control room according to above mentioned concept.
- d) Supply and installation of all required active as well as passive equipment / material/ accessories (whether part of bill of material mentioned in this RFP or not) required for installation of the CCTV surveillance system. IGIMS – Patna will not be responsible for any additional payment against the same.
- e) Configuring and fine-tuning of subsystems to achieve overall optimal network performance with high-level physical & cyber security.
- f) Perform the activities in the hours permitted by the concerned authority.
- g) The selected bidder will also be responsible to provide the available recording as and when required by the administration.

1.7 FACILITATION BY Indira Gandhi Institute of Medical Science (IGIMS).

- a) A properly finished & furnished Control room of adequate size will be provided in campus, by the Indira Gandhi Institute of Medical Science (IGIMS),
- b) The IT as well as UPS activities at control room will be done by the selected bidders only.
- c) The permission to work in the premises will be provided by the Institute Administration.

- d) The permission for mounting of cameras on any of the existing infrastructure will be provided by the administration.
- e) Right of way for Fiber/Cat 6 lying, duly approved by the Concerned Authority, will be provided by the administration.
- f) The physical security of the entire system, during project execution will be the responsibility of the Administration.
- g) The physical security of the entire system after execution will also be the responsibility of the Administration.
- h) The monitoring of the entire system will be the responsibility of the Administration.
- i) A nodal officer for day-to-day co-ordination will be nominated by the Administration.

CHAPTER 2: GENERAL MANDATORY TERMS AND CONDITIONS

2.1 ELIGIBILITY CRITERIA

The bidders must fulfill the following conditions with supporting documentary proof else their bid may stand rejected:-

1. **Who can apply :**
 - 1.1 If the bidder is a proprietary firm, the application shall be signed by the proprietor with his full name in typewritten and the full name of his firm with its current address, Contact details etc.
 - 1.2 If the bidder is a firm in partnership, the application shall be signed by all partners of the firm with their full typewritten names and current addresses, or alternatively, by a partner holding power of attorney for the firm. In the latter case a certified copy of the power of attorney should accompany the application. In both cases, a certified copy of partnership deed and current address of all the partners of the firm should accompany the application.
 - 1.3 If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a certified copy of the power of attorney. The bidder should also furnish a certified copy of the Memorandum and Articles of Association duly attested by a Public Notary.
 - 1.4 Joint Venture/ Consortiums are not accepted.
2. The bidder should be a **System Integrator or IT Company** for participation in this Tender.
3. The bidder should be registered under **Indian companies Act-1956 or Shop & Establishment act 1953**.
4. The bidder should have **average annual turnover of INR 3 Crores or above** in the last three Financial years. (2013-14, 2014-15, 2015-16). The Bidder shall submit audited Profit & Loss account for last three financial years for the verification.
5. The bidder should have **experience of installation of minimum 100 IP cameras in a single order** from any Govt. Sector /PSU/Bank/School/Collage/Institute.
6. The bidder should have similar project of supply, installation and commissioning of **IP Camera based project of minimum Rs. 20 Lakh in a Single order**.
7. The bidder should have VAT, CST and ST registration in Bihar. Otherwise they will have to give undertaking that they will get registered within a period of 60 days from the date of being declared successful in the bid.
8. The bidder shall provide self-declaration certification for non-engagement in fraudulent corrupt practices, non- blacklisting.
9. The bidder must have Manufacturer Authorization Certificate (MAF) issued directly by OEM and compliance sheet duly signed by OEMs for all the active components like Camera, DVR, Display, Network Switch and UPS.
10. **Procedure for Submission of Bids**
 - 9.1 It is proposed to have a **Two Cover System** for this tender
 - a) Technical Bid in one cover
 - b) Financial Bid in one cover

9.2 Technical Bid of the Tender should be covered in a separate sealed cover super-scribing the wordings "Technical Bid". EMD must be kept in the Technical Bid cover.

PLEASE NOTE THAT PRICES SHOULD NOT BE INDICATED IN THE TECHNICAL BID. TENDERS SUBMITTED WITHOUT FOLLOWING THE TWO BID SYSTEM PROCEDURE WILL BE SUMMARILY REJECTED.

9.3 Commercial Bid of the tender should be covered in a separate sealed cover superscribing the wordings "Commercial Bid".

9.4 Both the Technical Bid cover and Commercial Bid cover prepared as above are to be kept in a single sealed cover superscribed with Tender Number and subject.

9.5 The cover thus prepared should also indicate clearly the name and address of the Bidder.

9.6 Each copy of the tender should be a complete document and should be bound as a volume. Different copies must be bound separately.

9.7 The sealed cover shall be deposited with the **Director, IGIMS, Sheikhpura, Patna – 800 014 (Bihar) through registered / speed post / courier services.**

10.0 Eligibility Criteria for Technical Bid

The formats/Annexure for the documents to be submitted, with Technical bids are appended below: :

10.1	Letter of Transmittal	Annexure –A
	Declaration by Bidder	Annexure –A1
	Compliance to Bid Requirement	Annexure –A2
	A declaration by the manufacturer.	Annexure –A3
	Company Registration Certificate	Attach certified copies
10.2	Organizational Structure: - Legal status of the company/ organization with legal proof along with certified copies.	Annexure-B
10.3	Income Tax Registration (PAN No.)	Attach certified copies
	Service Tax Registration,	
	VAT Registration/ TIN Number	
	ESI & PF Registration certificate	
10.4	Average financial turnover of Rs.3.0 Crores (Rupees Three Crores) during the immediate last three consecutive financial years ending 31 st March 2016, duly audited, signed & stamped by a Chartered Accountant.	Annexure-C
10.5	Details of supply of items (as per specifications mentioned in this document for the required items) in last three years.	Annexure- D
10.6	That the bidder/organization has not been blacklisted/debarred by any of the government/ public sector agencies in India. A declaration of fair business practice by the Bidder in form of affidavit on stamp paper.	Annexure-E
10.7	The bidder must submit the technical specification of the quoted items along with printed catalogues for technical evaluation.	Enclose Copy

10.8	Certificate of Authorized dealership/distributor/manufacturer. (In case of manufacturer, they will self certify so). Authorized dealers/distributor shall attach manufacturer authorization certificate for this tender addressed to The Director, IGIMS, Sheikhpura, Patna – 800 014 (Bihar).	Enclose Copy
10.9	All items of the Tender must be quoted by the Manufacturer or his direct authorized distributor (dealing at first point), proprietary firm, partnership firm, limited company, private or public or corporation. Incomplete quote shall be summarily rejected.	
10.10	EMD of Rs. 2:00 Lakhs only in form of Bank Guarantee or Demand Draft in favour of Director, IGIMS, Patna payable at Patna.	
10.11	Last Three years IT returns	
10.12	Technical Datasheet of the quoted products with OEMs certification.	
10.13	Check List for submission of Bid	Annexure - F

11.0 Opening of Technical Bids & Evaluation:-

The details submitted by the bidders will be evaluated in the following manner:

- 11.1 The “initial eligibility criteria” prescribed above in respect of experience in similar class of works completed, financial turnover, profitability and valid registrations, etc. will first be scrutinized.
- 11.2 Examination of the specification of all the items will be done by specialized Technical Evaluation Committee.
- 11.3 Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:-
- Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
 - Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

12.0 Opening of Commercial / Financial bid and evaluation:

12.1 Commercial / Financial Bid:

The bidder shall quote unit item rates in INR only, both in words and figures in the Financial Bid only in prescribed format. In case of difference between the rates of items written in figures and in words, the rates of items written in words shall be taken as correct. No changes in unit rates shall be allowed. The rates quoted in schedule of quantity (Financial Bid) are for finished and completed items and no extra amount for cartage or transporting material, labour etc. shall be paid. The rates should be inclusive of all loads and lifts for all materials for the completed items and also include all taxes, insurance, royalties etc. as applicable. Supplier has to quote the price inclusive of all charges i.e. freight, insurance, packing, handling, assembling, installation, commissioning up to the Institute or as given in the work order.

- 12.2** After the Technical evaluation of the bids, the Institute will open the ‘Commercial / Financial Bids’ of all the bidders who have qualified in the Technical Eligibility Criteria, at notified time, date and place, if any. The lowest financial bidder shall only be considered for award of work.

12.3 AMC and operation item would also be considered as a criterion for deciding the lowest bidder i.e., overall quoted amount shall be considered for deciding lowest bidder.

13.0 Earnest Money Deposit:

Earnest Money Deposit of Rs. 2,00,000/- (Rs. Two Lakh Only) by Demand Draft (DD) / Bank Guarantee from a Scheduled Bank drawn in favour of “**The Director, I.G.I.M.S, Payable at Patna**” with 180 days validity from the date of bid submission should be enclosed with the Technical bid. The EMD will be returned back to the unsuccessful bidder. The EMD is not liable to earn any interest.

14.0 General Terms:

- 14.1 All information called for in the enclosed forms should be furnished against the relevant places in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against at the relevant place. Even if no information is to be provided in a column, a “Nil” or “No Such Case” entry should be made in that column. If any particular/query is not applicable in case of the bidder, it should be stated as “not applicable”. The bidders are cautioned that incomplete information called for in the tender document or deliberate suppression of any information may result in the bid being summarily disqualified. Bids received after the expiry of the stipulated date and time mentioned in the tender document will not be entertained.
- 14.2 The bid document should be legibly written and serially numbered with proper tagging and binding. The bidder should sign on each page of the bid.
- 14.3 Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialling with date and rewriting. Pages of the eligibility criteria document are to be numbered. Additional sheets, if any added by the bidder, should also be numbered. Bid should be submitted as a package with signed letter of transmittal.
- 14.4 References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by officer of the client organization with name & designation.
- 14.5 The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of tender document unless it is called for by the Institute.
- 14.6 Any information furnished by the bidder found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of any work in IGIMS – Patna which **may also result in forfeiture of EMD/performance security**.
- 14.7 The successful bidder shall have to work in co-ordination and co-operation with any other agencies appointed by the Institute to work simultaneously in the same or adjoining area. The decision of the Institute in case of any dispute between the different agencies appointed by the Institute shall be final and abiding.
- 14.8 Income tax, Works Contract Tax and any other tax at the rates in force during the progress of contract / **award of work** that will be in force from time to time shall be recovered / deducted from the released payment amount.
- 14.9 Sales Tax, purchase Tax, turnover tax or any other tax on material applicable on the date of submission of bid in respect of this contract shall be payable by the contractor and Institute

will not entertain any claim whatsoever in respect of the same.

- 14.10** The bidder shall have to make his own arrangement at no extra cost to the Institute for water, sanitation and electric, etc. at the site of work for supply installation of the items.
- 14.11** On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Institute shall be communicated in writing to the Director, IGIMS -Patna..
- 14.12** The contractor shall furnish a list of Institute employees related to him, if any in the "Technical Bid".
- 14.13** If the bidder obtains a contract with IGIMS – Patna as a result of wrong tendering or other non-bonafide methods of competitive tendering, the Institute reserves the right to terminate the contract without any liability to the contractor, which may also result to forfeiture of EMD/performance security.
- 14.14** Without prejudice to any of the rights or remedies under this contract if the contractor dies, the Institute shall have the option of terminating the contract without compensation to the legal heir of the contractor.
- 14.15** Escalation: Increase in rates of material / Labour shall not be payable on any account. Price quoted shall be firm and no escalation will be allowed on any account.
- 14.16** The successful bidder will have to sign an agreement within stipulated time period as mentioned in the letter of intent. The necessary fees, stamp paper, etc. required for completing the agreement have to be borne by the bidder.
- 14.17** The Institute reserves the Right to vary in quantities at the time of placement of Purchase Order/signing of contract.

15.0 Specification for Work and Quality

- 15.1** **The procurement of various materials shall be either from the manufacturers or their main authorized dealers to ensure that no duplicate/spurious makes are used in the works. The entire work shall be warranted for a period of 3 (three) years from the date of successful commissioning and acceptance by the Institute. Safety and Security of workers/staff, material, equipments, etc. will be the responsibility of the contractor. The Institute will not be held responsible on this account.**
- 15.2** **The Institute reserves the right, without being liable for any damages or obligation to inform the bidder, to:**
 - 15.2.1** Amend the scope and value of contract to the bidder.
 - 15.2.2** Reject any or all the applications without assigning any reason.
- 15.3** Any effort on the part of the bidder or his agent to exercise influence or to pressurize the Institute would result in rejection of his bid. Canvassing of any kind is prohibited.

16.0 Final decision making authority

The Institute reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders. No claim whatsoever will be entertained / paid by the Institute to the bidder(s).

17.0 Summary Rejection of tender:

The tenders not accompanied with Earnest Money Deposit shall be summarily rejected. Similarly, if the bidder proposes any alternation in or additions to the prescribed form of tender or decline to carry out any work of the tender document; or any conditions mentioned, etc., his tender is liable to be rejected.

18.0 Particular provisions

18.1 The Institute reserves the right to execute the work or reject the tender without assigning any reason or incurring any liability to the bidder.

18.2 The Institute has the power to make alteration in, omission from, addition of or substitution for the original specifications, drawings, designs.

19.0 Site visit

The bidder is requested to visit the work site and get acquainted with site conditions regarding layout and all other matters, affecting the work before filling in the item rates. Submission of a tender by a bidder, implies that they have read these instructions and have made themselves aware of the scope of the work, conditions of contract and Institute will not, therefore, bear any extra charges on any account, in case the bidder finds later on to have misjudged the site conditions or specification.

20.0 Amendment of tender document:

- Before the deadline for submission of tender, the Institute may modify the tender document by issuing addenda.
- Any addendum thus issued shall be a part of the tender document and shall be uploaded ON OUR WEBSITE. Prospective bidders must visit the website before filling and submission of Tender Document for such information.

21.0 Validity of Tender:

One hundred and Eighty days from the date of opening of Financial Bid of the tender. During this period no bidder shall be allowed to modify/withdraw his tender. In case of withdrawal, the EMD submitted by the bidder shall be forfeited and no claim shall be entertained on this regard.

22.0 Performance Guarantee:

22.1 The successful bidder shall be required to furnish a Performance Guarantee of 10% of the total tendered value after successfully installation of the product at site. The Performance Guarantee should be valid up to 3 years 6 months. The Performance Guarantee shall be accepted in the form of Bank Guarantee / Demand Draft and shall be in favour of "Director,

IGIMS - Patna”, payable at Patna.

- 22.2** Performance Guarantee will be refunded after completion of the warrantee period.
- 22.3** In case of non submission of Performance Guarantee within specified time, the earnest money will be forfeited and the Institute may consider to black list/de-bar the contractor.

23.0 Warranty

- 23.1** The bidder shall provide **3 years Warranty (on-site and comprehensive)** on all items from the last date of final acceptance by the Institute and shall be responsible for any defects that develop in the item. They shall also replace any defective part of the product supplied and other accessories, without any exception and recourse, on free of cost.
- 23.1** The bidder is responsible for all packing, unpacking, assembly, installation of units. The bidder will test the products and accomplish the adjustments necessary for successful and continuous operation of the products supplied at all installation sites and shall ensure maintenance of the supplied products during the warranty period. All the repairing / replacing of defects shall be done by the bidder totally free of cost.
- 23.2** The Supplier shall provide necessary Software updating free of cost during the Warranty period. During the term of warranty the service/repair calls will have to be attended by the Supplier within two hours from the time of such calls. The defective item should be repaired the same day at Institute premises.
- 23.3** In case of major defects requiring the defective item to be taken to the Supplier's workshop, it should be returned within two weeks duly repaired and an immediate substitute item will be provided by the Supplier for the smooth operation of the System. The to and fro transportation of the item will be borne by the Supplier.
- 23.4** Apart from the service/repair calls, the service engineer deputed by the Supplier will visit the site once every fortnight to assess the serviceability of the System and once in every 03 months to carry out the Preventive Maintenance and diagnostic of the system during the Warranty Period.
- 23.5** Delays in attending the calls and or repairing the defective item beyond time limit specified, without providing the substitute, will attract penalties in accordance with respective clause.
- 23.6** If the Supplier fails to repair or replace the defective item, the Institute will be free to get the same repaired/replaced from the market and its cost will be adjusted from the Supplier's Performance Bank Guarantee.
- 23.7** The contractor will post at least one resident engineer / technician in the Institute on all working days including general holidays.
- 23.8** The Company has to provide the Bio-Data of the Resident Engineer / Technician appointed for the above work. In case of the above engineer's non-availability, contractor will provide standby arrangement. If not deduction of Rs.200/- per day per engineer will be deducted from the Performance Security / Bank Guarantee Amount.

- 23.9 The contractor will render maintenance service from 9:00 A.M. to 6:00 P.M. on all working days plus on general holidays, to keep the equipment in good working condition and order.

Services during Comprehensive AMC period

- 23.10 The Supplier shall provide necessary Software updating free of cost during the comprehensive AMC period. During the term of comprehensive AMC the service/repair calls will have to be attended by the Supplier within two hours from the time of such calls. The defective item should be repaired the same day at Institute premises.
- 23.11 In case of major defects requiring the defective item to be taken to the Supplier's workshop, it should be returned within two weeks duly repaired and an immediate substitute item will be provided by the Supplier for the smooth operation of the System. The to and fro transportation of the item will be borne by the Supplier.
- 23.12 Apart from the service/repair calls, the service engineer deputed by the Supplier will visit the site once every fortnight to assess the serviceability of the System and once in every 03 months to carryout the Preventive Maintenance and diagnostic of the system during the Warranty and AMC Period.
- 23.13 Delays in attending the calls and or repairing the defective item beyond time limit specified, without providing the substitute, will attract penalties in accordance with Clause 37.
- 23.14 If the Supplier fails to repair or replace the defective item, the Institute will be free to get the same repaired/replaced from the market and its cost will be adjusted from the Supplier's Performance Security.
- 23.15 The contractor will post at least one resident engineer in the Institute on all working days including general holidays.
- 23.16 The Company has to provide the Bio-Data of the Resident Engineer / Technician appointed for the above work. In case of the above engineer's non-availability, contractor will provide standby arrangement. If not provided, an amount of Rs. 200/- per day per engineer will be deducted from the Performance Security / Bank Guarantee Amount.
- 23.17 The contractor will render maintenance service from 9:00 A.M. to 6:00 P.M. on all working days plus on general holidays, to keep the equipment in good working condition and order.
- 23.18 **The rate for Comprehensive Annual Maintenance Contract for a further period of two years** after expiry of warranty period of three years is to be quoted. The rate should includes labour charges, spare parts, all type of accessories / consumables, etc. required for the running and maintenance of the system. If any items (preferably hardware) need replacement, successful bidder will replace the same by new one of the same make and technical specifications. If the same make and model of the hardware is not available in market, equivalent hardware will be considered only after acceptance of Institute authority.

24. Training

- 24.1 The scope of work envisages that the Bidder shall undertake to train the staff nominated by the Institute in different aspects of equipment design, functioning, field installation, testing, commissioning, system management, operation & administration, maintenance and repair.
- 24.2 The supplier shall at every stage of installation; testing and commissioning provide all facilities for adequate training of Institute personnel who may be deputed to work on the project.
- 24.3 The system Administration and Maintenance Training program at the Institute will be structured so as to train the Institute employees deputed for the purpose.

25.0 Spare Parts: The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for the complete System for a period of 3 years on continuing basis and life time spares after 3years.

26.0 Site Preparation: The site for installation of the CCTV System shall be provided by the Institute as per the required environmental conditions before the installation of the system. The Supplier shall provide site plan and equipment layout plan for the System. The complete installation of the System including civil work at the Institute site shall be the responsibility of the Supplier. Earthling arrangements for all the Equipment shall be the responsibility of the Supplier and to be carried out as per standard procedures.

27.0 Responsibility of Completion & Software Optimization: Any fittings or items which may not be specially mentioned in the specifications but which are necessary are to be provided by the Supplier without any extra charge for completeness of the work under this Tender.

28.0 Duration

The items covered under this tender are required to be delivered and installed in Institute Campus within 60 days. The 60 days will start from the date of issue of Supply Order / Purchase Order by the Institute.

29.0 Payment Terms

- 29.1 **First payment:** The Institute shall pay to the Supplier forty percent (40%) amount of the total value of the Purchase Order after due inspection of the material by the Inspection Committee of the Institute as First Payment, within Thirty (30) working days from the date of receipt of all material and bill complete in all respects.
- 29.2 **Final payment of 60%:** The Institute shall pay, to the Supplier, the balance 60% amount with applicable VAT/Service Tax amount as "Final Payment" within thirty (30) working days after successful installation, commissioning and Final Acceptance of the system and receipt of bill complete in all respect.

29.3 AMC Payment: The payment of the AMC period will be made on half yearly basis after successful completion of the each half year and submission of the bills by the supplier.

29.4 Each invoice should be submitted in duplicate clearly specifying contact no, goods description, quantity, unit price, total amount along with warranty certificate, etc.

29.5 No advance payment will be made under any circumstances.

30.0 Delay and Non Conformance

30.1 If the bidder fails to Install the Equipment with in the period specified in the Purchase Order, Institute shall without prejudice to its other remedies under the Purchase Order, deduct from the contract price, as liquidated damages, a sum equivalent to 2% (two percent) of the contract price of the delayed goods weekly or part thereof of delay until actual delivery. The penalties will be maximum of 10% of the contract amount / awarded value.

30.2 In case of extraordinary delay or beyond 30 days of stipulated delivery period, Institute reserves the right to terminate the contract, without any liability to cancellation charges, forfeiting cash the submitted Performance Guarantee and blacklist/debar the defaulting firm.

31.0 Packing and Marking

30.1 All packing should be strong enough to withstand rough handling during loading / unloading and transporting. Fragile articles should be packed with special precaution and should bear the marking like Fragile, handle with care, This side up etc.

32.0 Substitution and Wrong Supplies

Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the contractor at contractor's cost and risk.

33.0 Insurance, Freight and Deliveries

33.1 The supplier shall make his own arrangements towards safe and complete delivery including insurance, freight, state level permits etc. as applicable at the designated locations indicated by Institute in the Purchase Order.

33.2 The contractor shall keep Institute informed about changes, if any, in various stages of deliveries, installation.

34.0 Arbitration and Settlement of Disputes:

34.1 Institute and the contractor shall make every effort to resolve amicably by direct information negotiation by difference or dispute arising between them under or in connection with the Institute order.

34.2 If after thirty (30) days from the commencement of such informal negotiations, Institute and the supplier are unable to resolve amicably the dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified hereunder:

- Any dispute or differences whatsoever arising between the parties out of or relating to the manufacturing, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on the parties. The sole arbitrator shall be appointed by the Director, IGIMS – Patna.
- The performance under this contract shall not stop for any reason whatsoever during the said dispute/proceedings, unless the contractor is specifically directed by Institute to desist from working in this behalf.
- The venue of arbitration shall be IGIMS, Patna (Bihar). The language of proceedings shall be English. The Law governing the substantive issues between the parties shall be the Laws of India. All disputes are subject to the jurisdiction of the Patna (Bihar).
- It is also a term of that if any fees are payable to the arbitrator, these shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.

35.0 **Force Majeure:** For purpose of this Clause, Force Majeure shall mean fires, floods, natural disasters or other acts, that are unanticipated or unforeseeable, and not brought about at the instance of the party claiming to be affected by such event, or which, if anticipated or foreseeable, could not be avoided or provided for, and which has caused the non-performance or delay in performance, such as war, turmoil, strikes, sabotage, explosions, quarantine restriction beyond the control of either party. A party claiming Force Majeure shall exercise reasonable diligence to seek to overcome the Force Majeure event and to mitigate the effects thereof on the performance of its obligations under this Supply Order.

If a Force Majeure situation arises, the supplier shall promptly notify the Institute in writing of such conditions and the cause thereof. Unless otherwise directed by the Institute in writing, the Supplier shall continue to perform its obligations under the Purchase Order as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

36.0 PRE DISPATCH INSPECTION

IGIMS, at its discretion, may ask the bidder to make arrangements for Technical evaluation by the technical team of the department for all the equipment, at factory site or at the bidder's warehouse prior to dispatch.

SECTIONS – I

INFORMATION REGARDING TECHNICAL ELIGIBILITY

(Annexure A to H)

LETTER OF TRANSMITTAL

From:

To: The Director,
Indira Gandhi Institute of Medical Sciences,
Sheikhpura,
Patna – 800 014 (Bihar)

Sub: Submission of Tender Document for the work of “Supply, Installation, Commissioning and Maintenance of IP based CCTV cameras at Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 (Bihar)

Sir,

Having examined the details given in Tender document for the above work, I/we hereby submit the relevant information:-

1. I/we hereby certify that all the statement made and information supplied in the enclosed annexure / forms accompanying statement are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to Supply & Installation.
3. I/we submit the requisite certified solvency certificate and authorize the Director, IGIMS – Patna to approach Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize the IGIMS - Patna to approach individuals, employers, firms and corporation to verify our competence and general reputation.

Name & Signature (s) of Bidder (s) with seal

DECLARATION BY THE BIDDER

We (Name of the Bidder) hereby represent that we have gone through and under stood the Bidding Document (which in two parts) in Part-I (Commercial Section & Technical Section) and Part-II (Schedule of Quantities) and that our Bid has been prepared accordingly in compliance with the requirement stipulated in the said documents.

We are submitting a copy of Bidding Document marked “Original” as part of our Bid duly signed and stamped on each page in token of our acceptance. We undertake that Part-I and Part-II of the Bidding Document shall be deemed to form part of our bid and in the event of award of work to us, the same shall be considered for constitution of Contract Agreement. Further, we shall sign and stamp each page of this Part-I and Part-II as a token of Acceptance and as a part of the Contract in the event of award of Contract to us.

We further confirm that we have indicated prices in Schedule of Quantities and submitted in Price Bid in separately sealed envelope. We confirm that rate quoted by us includes price for all works/activities/supply etc. as mentioned in item description of the items in Schedule of Quantities.

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

COMPANY SEAL : _____

Note: This declaration should be signed by the Bidder’s representative who is signing the Bid.

COMPLIANCE TO BID REQUIREMENT

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever of the Bidding Documents and Addendum to the Bidding Documents, if any, for subject work issued by Director, IGIMS - Patna.

We hereby further confirm that any terms and conditions if mentioned in our bid (Un-priced as well as Priced Part) shall not be recognized and shall be treated as null and void.

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

COMPANY SEAL : _____

DECLARATION BY THE BIDDER

We (Name of the Bidder) hereby declare that the item for which we have quoted our price in the Financial Bid would not be an item used so far for demo/any other purposes and will be unused (brand new).

SIGNATURE OF BIDDER: _____

NAME OF BIDDER : _____

COMPANY SEAL : _____

Note: This declaration should be signed by the Bidder's representative who is signing the Bid.

ORGANISATION STRUCTURE

1. Name & Address of the Bidder :
2. Telephone No./Fax No./e-mail :
3. Legal status of the Bidder (attach copies of original document defining the legal status)
 - a) An Individual
 - b) A proprietary firm
 - c) A firm in partnership
 - d) A limited company or Corporation
 - e) A Public Sector Undertaking
4. Particulars of registration with various Government Bodies (Attach attested Photo Copy)
Organization / Place of registration Registration No.
5. A. PAN No. _____
B. VAT No. _____
C. Service T No. _____
6. Names and Titles of Directors & Officers with designation to be concerned with this work. :
7. Name & Designation of individuals authorized to act for the organization:
(Pl attach power of attorney in favour of authorized representative duly signed by authorized signatory)
8. Has the Bidder ever required to suspended work for a period of more than six months continuously after you commenced the business? If so, give the name of the project and reasons of suspension of work. _____ :
9. Has the Bidder, or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment. _____ :
10. Has the Bidder, or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any

organization at any time? If so, give details. _____ :

11. Has the Bidder, or any constituent partner in case of partnership firm, ever been convicted by a court of law?

If so, give details. _____ :

13. Any other information considered necessary but not included above:

(Stamp, Name & Signature of Bidder)

Annexure –C

DETAILS OF ANNUAL TURNOVER

A. FINANCIALDETAILS

Financial Years	Gross Annual Turnover (In Lakhs)	Profit/Loss (In Lakhs)
2015-2016		
2014-2015		
2013-2014		

- B. Audited balance sheet and profit & loss account for above three years to be submitted, must be attested by the Chartered Accountant.**

Signature & stamp by Chartered Accountant

(Stamp, Name & Signature of Bidder)

Annexure –D

DETAILS OF SUPPLY OF ITEMS (AS PER SPECIFICATION GIVEN IN SECTION III BELOW) IN LAST 03 (THREE) YEARS

S. No.	POSTAL ADDRESS OF CLIENT WITH CONTACTNUMBERS	STARTING DATE	SCHEDULED COMPLETION DATE	ACTUAL COMPLETION DATE	REASONS FOR DELAY, IF, ANY

(Stamp, Name & Signature of Bidder)

DECLARATION FOR FAIR BUSINESS BY THE BIDDER

This is to certify that We, M/s _____ in submission of this offer confirm that:-

- i) We have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- ii) We do not have records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.
- iii) Business has not been banned with us by any Central / State Government Department/ Public Sector Undertaking or Enterprise of Central / State Government.
- iv) We have submitted all the supporting documents and furnished the relevant details as per prescribed format.
- v) The information and documents submitted with the tender by us are correct and we are fully responsible for the correctness of the information and documents submitted by us.
- vi) We understood that in case of any statement/information/document furnished by us or to be furnished by us in connection with this offer is found to be incorrect or false, our EMD in full will be forfeited and business dealings will be banned.
- vii) We have not been punished / penalized by way of imprisonment in last three years.
- viii) We have not been blacklisted/debarred by any of the Government/Public Sector Agency in last three years.

SEAL, SIGNATURE & NAME OF THE BIDDER

Signing this document

CHECK LIST FOR SUBMISSION OF BID

Bidder is requested to fill this check list and ensure that all details/documents have been furnished as called for in the Bidding Document along with duly filled in, signed & stamped checklist with each copy of the "Un- priced bid (Part –I)".

Please tick the box and ensure compliance:

- 1 EMD

- 2 Bid Forwarding Letter

- 3 Power of Attorney in favour of the person who has signed the bid on stamp paper of appropriate value.

- 4 Partnership Deed in case of partnership firm and Article of Association in case of limited company.

- 5 Compliance to Bid Requirement

- 6 Declaration by the bidder

- 7 All pages of the bid have been page numbered in sequential manner.

- 8 Annexure(s) – A to E

- 9 Valid, PAN, DVAT, Service Tax, Excise Registration

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

COMPANY SEAL : _____

Form of Performance Guarantee Bank Guarantee Bond

1. In consideration of the IGIMS (hereinafter called “The Institute ”) having offered to accept the terms and conditions of the proposed agreement between _____ and _____ (hereinafter called “the said Contractor(s)”) for the work _____ (hereinafter called “the said agreement”) having agreed to production of a irrevocable Bank Guarantee for Rs. _____ (Rupees _____ only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and condition in the said agreement.

We, _____ (indicate the name of the Bank) _____ (hereinafter referred as “the Bank”) hereby undertake to pay to the Institute an amount not exceeding Rs. _____ (Rupees _____ only) on demand by the Institute.

2. We, _____ (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Institute stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(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. We, the said bank further undertake to pay the Institute any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

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

4. We, _____ (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Institute under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Project-in-Charge on behalf of the Institute certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
5. We, _____ (indicate the name of the Bank) further agree with the Institute that the Institute shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Institute against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Institute or any indulgence by the Institute to the said Contractor(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.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, _____ (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Institute in writing.
8. This guarantee shall be valid upto _____ unless extended on demand by the Institute. 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 this guarantee shall stand discharged.

Dated the _____ day of _____ for _____ (indicate the name of the Bank)

SECTION – III

TECHNICAL SPECIFICATIONS

A. High Definition IP based PTZ Camera

S.No	Minimum Specifications
1.	1/ 2.8” CMOS IMAGE SENSOR
2.	1944(H) x 1092(V),2 M.P
3.	30 X Optical & 16 X Digital Zoom
4.	WDR , Day / Night (ICR) ,DNR (2D & 3D) ,Auto iris , Auto Focus , Auto Pattern , Auto Scan
5.	Max 240 degree/s pan speed , 360 degree endless pan rotation
6.	Focal Length 4.3mm ~ 129mm
7.	IR /Array Range of 100 Mtrs, IP66, Micro SD, 4000 V Anti - Lightning Surge; iCMOB; gCMOB
8.	Camera should have UL/EN certification,

B. High Definition IP based Bullet/Dome Camera

S.No	Minimum Specifications
9.	1/2.7” 2MP HQIS Pro Image Sensor
10.	Max 25/30fps@ 2MP
11.	H.264 and MJPEG dual-stream encoding
12.	DWDR, Day/Night(ICR), Auto Iris, 3DNR, AWB, AGC, BLC
13.	3.6mm fixed lens (6mm optional)
14.	IR /Array Range of 30 Mtrs, IP67, PoE ; iCMOB ; gCMOB ; wCMOB
15.	Camera should have UL/EN certification.

C. 32 Channel Network Video Recorder

S.No	Minimum Specifications
1.	32 Ch.IP Camera Input , Up to 8 Channel @ 1080P Real-time Live View
2.	H .265 / H.264/MJPEG dual codec decoding
3.	Up to 8MP resolution preview & playback
4.	Max 200 Mbps incoming bandwidth
5.	Support 2 SATA HDDs up to 12TB, 2 USB (1USB 3.0) 1 eSATA Port upto 16 TB
6.	HDMI / VGA / T.V simultaneous video output

7.	Support Multi-brand network cameras ,Should be onvif compliant and UL/EN certified.
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D. LFD Monitor (Enterprise grade)

SI No.	Feature	Description
1	Screen Size	48” or higher
2	Resolution	Full High Definition
3	Input Connectivity	HDMI – 2 Port, VGA, USB 2.0-1
4	Aspect Ratio	16:9
5	Contrast	5000:1
6	Kit	Wall Mount, Required cables of proper size and all other accessories
8	Energy Star	6.0 or higher/BEE star certified
9	Operations	24X7, Enterprise grade

E. 8/24 Port PoE Gigabit Switch

SI No.	Feature	Description
1	Port	8 X 10/100, 1 SFP,24X 10/100 , 1 SFP
2	Certification	Should be RoHS Compliance, UL/EN, TUV or equivalent certified.
3	Temperature	Up to 40 degree centigrade

F. 10 KVA Online UPS

SI No.	Feature	Description
1	Back Up	60 Min on full load
2	Battery	16 X 42 AH

G. 1 KVA Line Interactive UPS

SI No.	Feature	Description
1	Back Up	30 Min on full load
2	Battery	2 X 14 AH

H. Cat 6 Cable (FR PVC)

SI No.	Feature	Description
1	Conductors	23 AWG solid bare copper or better
2	Approvals	UL tested for TIA/EIA-568C.2
		ETL verified to Cat 6
		Zero Bit Error verified by ETL.
3	Frequency tested up to	Minimum 600 MHz

I. UTP Jack Panels

SI No.	Feature	Description
1	Port arrangement	Keystone type. Ports must be individually replaceable.
2	Circuit Identification Scheme	Icons on each of 24-ports
3	Materials	ROHS compliant
4	Approvals	UL , ETL

J. SM Fiber optic Cable

SI No.	Feature	Description
1	Cable Type	Single Mode, OS2, Armored, Loose Tube – Unitube, CSTA, Jelly Filled
2	No. of cores	6
3	Water blocking compound	Cable must have Water blocking compound
4	Strength Member	Should have FRP strength member
5	Cable outer jacket Specification	Must have Dielectric and Metallic Sheath Cable. Cable must be direct buried
6	Attenuation :	
7	@1310nm	< = 0.33 dB/Km
8	@1550nm	< = 0.19 dB/Km
9	Coating / Cladding non-circularity	<= 12 microns
10	Zero Dispersion Slope	<= 0.092 ps / sqnm-km
11	Fiber core	UL Listed
12	Tensile rating	Not less than 1000N
13	Maximum Crush resistance	Not less than 44N/mm
14	Armor	Corrugated Steel tape Armor
15	Approval	UL Listed Fiber
16	RoHS	RoHS Compliant

K. 27 U RACK

SI No.	Feature	Description
1	Specification	27UHx800mmWx1000mmD-PRO rack Heavy Duty -5-Fold Structure , built in CRCA, TOP & BOTTOM with grommets & gland plates for cable entry, 2nos. side panels-screw fitted, Front Door-Single/Perforated with lock , Rear Door-single/perforated with lock system racks consist of 2-pair power coated Mounting rails. Loading capecity-500kgs.;PDU-6sockets of 5A/15A, and power cable with plug-ANCHOR; MCB
2	Wheels	Castors--set of 4Nos. Out of which 2nos. With Lock and 2Nos without Lock.
3	Fan	Cooling Fans-90cfm
4	Kit	Hardware kit

- All network passive components should be of ISI standard; RoHS Compliances. CPC coating for superior micro bend and environmental performance.
- All electrical passive components should be BSI standard complied.
- Data sheet shall be submitted by the bidder as proof of qualified quoted products.

Unpriced BILL OF MATERIAL (BOM)

BOM for ADMINISTRATION BUILDING, Indira Gandhi Institute of Medical Science (GROUND FLOOR, 1st FLOOR & 2nd FLOOR)

SL. No.	Equipment	Unit	Qty.
1	2 MP IP PTZ Camera	Pc	10
2	2 MP IP Camera (Dome)	Pc	30
3	2 MP IP Camera (Bullet)	Pc	160
4	NVR 32 Channel	Pc	8
5	24 PORT PoE gigabit switch	Pc	8
6	8 PORT PoE gigabit switch	Pc	8
7	24 Port Patch Panel	Pc	9
8	48"or above Display	Pc	8
9	CAT-6e UTP CABLE	Mtr	20000
10	6-Core ARMOURED S.M. OFC	Mtr	2000

11	HARD DISK 2 TB	Pc	8
12	Online UPS 10 KVA	Pc	2
13	Online UPS 1 KVA	Pc	8
14	27U RACK with PDU and cable manager, MCB 32 AMP (DP) for each rack	Set	2
15	9U RACK with PDU and cable manager, MCB 32 AMP (DP) for each rack	Set	4
16	Laying of CAT-6e UTP and respective accessories (with PVC Conduit / Casing)	Mtr	20000
17	Laying of OFC with respective accessories (including underground laying with HDPP conduit with depth of 1 M)	Mtr	2000
18	Laying of Electrical Cable (Including Cable / PVC Conduit / Casing)	Mtr	500
19	Supply ,Installation and commissioning of I/O ; Patch Cord ; Splicing ;Media Converter ; OFC Patch cord ; L.I.U etc	Job	1
20	Supply , Installation and Commissioning of 12 feet G.I. Pole	Pc	10
21	Installation and commissioning of one camera	pcs	200

Note:- It is the bidders responsibility to conduct the detailed survey. The quantity of the passive items is indicative only for selection of bidder. **However, the payment for the passive components will be made as per actual measurement only.** It is bidder responsibility to consider cost of any additional components needed other than mentioned in the bill of material as part of their bid in order to make the solution fully active. No additional payment will be made for the same.

Format of COMMERCIAL / Financial Bid:

Selection of System Integrator for Supply, Installation, Commissioning and Maintenance of CCTV Based Surveillance System in the Premises of Indira Gandhi Institute of Medical Science (I.G.I.M.S), Patna.								
SL. No.	Equipment	Unit	Qty	Unit rate excluding taxes (INR)	Applicable Tax in %	Applicable Tax in INR	Unit rate including taxes (INR)	Total for the line item (INR)
			A	B	C	D= B*C%	E=B+D	F=A*E
1	2 MP IP PTZ Camera	Pc	10					
2	2 MP IP Camera (D0me)	Pc	30					
3	2 MP IP Camera (Bullet)	Pc	160					
4	NVR 32 Channel	Pc	8					

5	24 PORT PoE gigabit switch	Pc	8					
6	8 PORT PoE gigabit switch	Pc	8					
7	24 Port Patch Panel	Pc	9					
8	48"or above Display	Pc	8					
9	CAT-6e UTP CABLE	Mtr	20000					
10	6 Core ARMOURED S.M.OFC	Mtr	2000					
11	HARD DISK 2 TB	Pc	8					
12	Online UPS 10 KVA	Pc	2					
13	Online UPS 1 KVA	Pc	8					
14	27U RACK with PDU and cable manager, MCB 32 AMP (DP) for each rack	Set	2					
15	9U RACK with PDU and cable manager, MCB 32 AMP (DP) for each rack	Set	4					
16	Laying of CAT-6e UTP and respective accessories (with PVC Conduit / Casing)	Mtr	20000					
17	Laying of OFC with respective accessories (including underground laying with HDPP conduit with depth of 1 M)	Mtr	2000					
18	Laying of Electrical Cable (Including Cable / PVC Conduit / Casing)	Mtr	500					
19	Supply ,Installation and commissioning of I/O ; Patch Cord ; Splicing ;Media Convertor ; OFC Patch cord ; L.I.U etc	Job	1					
20	Supply , Installation and Commissioning of 12 feet G.I. Pole	Pcs	10					
21	Installation and commissioning of one camera	Pcs	200					
			Total Cost					

Final Bid Sheet:

SL. NO.	DESCRIPTION	AMOUNT IN INR INCLUDING TAXES AT CURRENT APPLICABLE RATES
01.	Expenditure to be incurred in supply, installation and commissioning of CCTV Based Surveillance System in the Premises of Indira Gandhi Institute of Medical Science (I.G.I.M.S), Patna as per BOQ mentioned above with a Comprehensive Warranty period of three years.	Rs. _____
02.	1st Year Comprehensive Annual Maintenance Contract Charges after expiry of warranty period of three years.	Rs. _____

03.	2 nd Year Comprehensive Annual Maintenance Contract Charges after expiry of warranty period of three years.	Rs. _____
TOTAL PROJECT COST with Three years Warranty & Two Years Comprehensive Annual Maintenance Contract Charges		Rs. _____

Note1:- In case of difference between the unit price and the calculated total price, unit price will be applicable and recalculation will be made accordingly. In case of difference between value in figure and value in words, the value in words will be applicable. The L1 bidder for total project cost will have to accept the L1 AMC rate.

Note 2:- The taxes will be paid as per actual.

Note 3:- The tender will be awarded to the vendor quoting lowest value against **TOTAL PROJECT COST** with three years warranty including taxes at current applicable rates and two years Comprehensive Annual Maintenance Contract charges. However, in case of any discrepancy by the bidder in mentioning current applicable tax rates, IGIMS will either make recalculation of the bid value making required corrections and evaluation of financial bid for selection of the bidder will be made on the corrected recalculated value or may summarily reject the financial bid of the bidder making the discrepancy in its bid.

AWARD OF PROJECT (L1 COST)

The bidder who will quote the lowest price (L1) will be considered as a selected vendor for the execution and running of Project. The project will be awarded to the L1 bidder. If required, IGIMS may place order to selected vendor for other surveillance installation also on the discovered rates.

**Director,
I.G.I.M.S. – Patna.**
