

**Request for Proposal of Supply, Installation, Testing and Commissioning including
maintenance of CCTV Cameras for Jabalpur Smart City Ltd**



Jabalpur Smart City Ltd

(JSCL)

Manas Bhawan, Wright Town

Jabalpur – 482002

Email –admin@jscljabalpur.org

Cost of Document: Rs. 5000/-**Jabalpur Smart City Ltd**

NIT No.:.....

date

Jabalpur Smart City Ltd

Notice Inviting Tender (NIT)

No.....

dt

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Request for Proposal of Supply, Installation, Testing and Commissioning including maintenance of CCTV Cameras for Jabalpur Smart City Ltd

Interested reputed firms, Agencies or company may visit website www.mptenders.gov.in to download tender Document. Duly completed tender Document physical Submissions shall be received in Jabalpur Smart City Ltd ,Manas Bhawas, Wright Town Jabalpur up to 23-07-2019 till 4:00 PM accompanied by a Tender document cost of Rs. 5000/- (Five Thousand Only) and Earnest Money Deposit for an amount of Rs. 1 lac (Rupees one lac only) will be submitted online. Technical bid shall be opened on 24/07/2019 at 04:00 PM. JSCL has all the rights reserves to approve or cancel the Tender any time without any prior notifications. If any query contact no. , 7611136800/7611136802

**Sd-
Chief Executive Officer
JSCL, Jabalpur**

TERMS AND CONDITIONS

Supply, Installation, Testing and Commissioning including maintenance of CCTV Cameras for Jabalpur Smart City Ltd

1. Earnest Money Deposit for an amount of Rs. 1 lac(Rupees one lac only) will be submitted online without which the tender shall be rejected. Alternatively, Earnest money will not be accepted in any other form and will not bear any interest.
2. The successful tenderers will have to furnish security by way of an irrevocable bank guarantee equal to 5% of the value of the supply order for performance of the contract as well as installed Equipments during the warranty period of three years after commissioning of the equipment. The Bank Guarantee will be forfeited if the firm fails to adhere to the terms & conditions of the contract/supply order.
3. Earnest money/security already deposited with any other tender of this department will not be adjusted.
4. Manufacturers of CCTV camera having carried out IP based CCTV Camera based Surveillance System in past atleast 3years are eligible to participate in the tender. The bidder must possess the requisite experience, strength and capabilities in providing the CCTV Surveillance System in city necessary to meet the requirements, as described above. The bidder must also possess the technical know-how and the financial wherewithal that would be required to successfully operate the city locations Surveillance System and support services sought by the JSCL for the entire period of the contract. However, consortium participation with lead partner meeting the above qualifications will be allowed to participate The bid must be complete in all respect and should cover the entire scope of work as stipulated in the Tender document.
5. The fitted Equipment's i.e. CCTV Camera etc. shall be strictly designed to meet the enclosed detailed specifications for the tendered 150locations at any city.
The contract will cover the supply, delivery, testing & commissioning followed by a 1 year onsite warranty period, followed by an 2 Years comprehensive annual maintenance period (CAMC). Thus total period of maintaining the system will be 3 years from the date of completion of the system.
6. Conditional offers are liable to be rejected.
7. Important Dates:
 - 7.1 Last Date for Document Submission Online : - 22/07/2019
 - 7.2 Last Date for Document Submission Offline : - 23/07/2019 16:00
 - 7.3 Date of Opening of Technical Bids Online : - 24/07/2019

8. The Video quality, performance & technical specifications of the offered System will be evaluated by Technical Committee of JSCL, Jabalpur in terms of their functional requirements using “Proof of Concept” (POC). POC clearly indicates the capabilities & limitation of their offered solution and how it achieves the expectations/requirements of JSCL. The offered Surveillance System should provide good image quality through each IP Camera which easily identify/detect human face. Each IP Camera must be capable to deliver 25 FPS video streams or higher without any blurring in the Video. The complete deployed system will be evaluated/ tested using various test methodologies on various parameters like video quality, performance, color distortion, Easy to use etc. The consignees are expecting that offered solution will provide following functionalities:-
- || High image quality.
 - || Secure Video Recording for evidential purposes.
 - || Cost-effectiveness.
- POC will be done using the same CCTV Camera as per detailed specifications included in the Detailed Tender Documents. The technical committee will evaluate the offered solution/products. Further, the Commercial Bid will be opened of only those bidders who will qualify Pre-qualification Bid/Technical Bid and “Proof of Concept” (POC).
9. The validity of the contract will be for one year from the date of decision. The basic price should remain fixed during this period of one year. However, any increase/decrease in Govt. levies (on contracted items only) will be applicable on the production of documentary proof thereof if the supplies are made as per delivery schedule.
10. The rates should be quoted inclusive of all taxes. The pro-forma for the submission of financial bid as provided in the tender documents should be duly filled in and annexed with the financial bid. The rates and units shall not be over-written. Tendered rates should be submitted both in figures and words. Over-writings and cuttings, if any, should be duly attested by the person signing the tender. The tendering manufacturer must attach with the offer the latest copy of notifications regarding the applicability of taxes/duties for items for which they are quoting the rates. The tendering firm should also send notifications, if revised, during the course of finalization of purchase and must send/bring the latest copies of the notifications even at the time of meetings convened for the finalization of the purchase.

11. In case of non completion of installation and commissioning of CCTV Camera. as per schedule, the work will be got done having similar terms & conditions from other source at the risk and cost of the tenderer. The excess cost thus incurred will be recovered from the tenderer from his pending bills/EMD/Bank Guarantee/through legal action. The procedure of risk and cost will be adopted after serving a registered notice to the tenderer for the supply of material within 15 days without prejudice to the other terms & conditions of the contract/work order.
12. The number of locations to be offered for installation and commissioning of CCTV Camera etc. can be increased or decreased up to 25% of the indicated quantity of location as per the requirement of the department during the validity period of one year of the offer on the same rates and terms & conditions.
13. The delayed completion of supply and installation work unless supported by cogent reasons for delay and approved by CEO JSCL will be subjected to penalty @ 1% per month of delay or part thereof of the value of the store be limited to 5% of the value of the order. Delayed supply and installation will not be eligible for upward revision of Govt. duties, if any.
14. The Work order would be awarded on the basis of the L-1 Bid(after QCBS) quoted including AMC Charges.L1 Bidder need to provide complete service for 3 years.
15. 60% payment of Capex will be made on delivery of Material .Rest 30 % within 30 working days after the satisfactory report of installation and commissioning of CCTV Camera. duly inspected by the concerned JSCL, Jabalpur and balance 10% payment will be released within 60 days from the date of receipt of satisfactory operation/performance of the installed and commissioned CCTV Camera.
16. The firm will have to supply the evidence of Service Tax/Excise Duty paid, if any, along with each invoice.
17. The firm should have capability to design, supply and install the tendered quantity within the time period allowed to them. It will be the duty of the firm to keep the raw materials/in-puts readily available for the supply, installation and commissioning of CCTV Camera. Any claim for seeking extension in the delivery period due to non-availability of any material/ manpower required for the supply and installation, on whatsoever reason, shall not be entertained.
18. In the event of tenders being submitted by a firm, it must be signed separately by each partner thereof and or in the event of absence of any partner, it must be signed by a

person holding a Power of Attorney, authorizing him to do so. In case of a company, it should be executed in the manner laid down in the said Company's Articles of Association. The signatures on the tender shall be deemed to be that of the authorized signatory.

19. Delivery period: The earliest supply and installation period for commissioning of CCTV Camera should be quoted. The maximum time allowed for its installation in city locations will not exceed 180 days from the date of issue of work order for supply, installation and commissioning of CCTV Camera in all the locations of the city.
20. The tendering firms must furnish essential documents with the offer such as earnest money, tender documents, tender fee, leaflets and registration certificate without which the tender is liable to be rejected. The deficiency in the remaining documents such as technical specifications, test reports and sample etc., if any, can be made subject to the decision of CEOJSCL.
21. The company should be a profit making unit and should have an average turnover of Rs 1 Crore.
22. Any firm that has been black-listed by any other STUs State or Central Govt./Public Sector Undertaking on the basis of submitting forged documents/non-supply of material/failure of random samples/non-complying the contract obligation etc, shall not be allowed to participate in tenders and all the participating firms will be required to submit an affidavit along with tender that the participating firm have not been black-listed by any entity as above. In case, contents of affidavit are not found correct during supply and installation of ordered stores, supply of balance ordered quantity will be purchased from other alternate source at the risk and cost of firm and extra cost involved will be recovered from encashed EMD/BG or through legal process.
23. The firm will be subjected to fall clause. The price offered in the tender for the stores shall not exceed in any way from the lowest price at which the tenderer might have installed and commissioned CCTV Camera of the identical specifications/description of any STU/PSU or a firm with whatsoever identity or an individual during the delivery period/currency period of work order. If at any time during the delivery period/ currency period of the work order, the successful tenderer reduces the rates of the quoted activity to any person at a price lower than the price chargeable under the work order/contract, the tenderer should forthwith notify such reduction and inform this office and the price payable under the work order/contract for the supply, installation and commissioning of

CCTV Camera work after the date of coming into force of such reduction of the rates shall stand correspondingly reduced to that level. The successful tenderer shall promptly notify the reduction of rates to this office.

- 25 If any dispute arises between the parties, the same shall be referred to the Sole Arbitrator i.e. CEO Jabalpur Smart City Limited.
- 26 All dispute and difference or claim etc. shall be subject to the exclusive jurisdiction of the Courts situated at Jabalpur only. No other court shall have jurisdiction to entertain or try any matter concerning the supply order/contract.
- 27 The complaints, if any, received from the concerned consignee regarding performance of the installed and commissioned CCTV Camera and other devices during the warranty period should be immediately attended to by the firm and the same should be resolved within 48 hours of the lodging of the complaint by FAX/e-mail to the entire satisfaction of the consignee concerned failing which a penalty amounting to `100/- per day for each day of delay for the first seven days will be imposed and thereafter it will increase to `200/- per day for the next seven days. If the complaint is not resolved within two weeks or the same defect continues to persist, the action will be taken to en-cash the Bank Guarantee of the firm for getting the system repaired from the open market at the risk and cost of the firm.
28. The successful bidder for CCTV Camera in city locations will be required to provide repair and comprehensive maintenance of all equipments installed in the locations for three years from the date of commissioning of surveillance system for reliable and trouble free operation of the system. The software will be provided by the SI by which we can store the feed at the server(server and storage will be provided by JSCL) and can show live feed at ICCC or mobile device. Software should have capability to generate alerts for non-functioning of CCTV Camera.

In case of any non-functioning CCTV camera being reported to the bidder on the basis of alert on the ICCC server of JSCL, the same should be repaired within 48 hours of being reported to the bidder. The cost of providing GSM/GPRS SIMs and their recurring cost during the initial period of three years from the date of commissioning will be included in the scope of supply and to be paid by the bidder. However, the repair and comprehensive maintenance charges cost will be paid quarterly at the end of each quarter after deducting any penalty on account of non-functional CCTV Camera beyond the time limit of 48 hours of any of these remaining non-functional. After 15 days of recording, new

recording should over-write on the oldest recording exceeding 15 days.

29. The selected bidder shall provide without any extra charge all materials, tools, labour and assistance of every kind which the consignee officer may consider necessary for any test or examination which he may require to be made on the bidder's premises and shall pay all cost attendants thereon. In the case of stores are inspected at maker's premises, the maker shall provide all facilities including testing appliances for making necessary tests other than special tests, or independent tests. Failing these facilities at the own premises for making the tests the bidder shall bear the cost of carrying out test elsewhere. The bidder shall also provide and deliver free of charge at such place as the consignee officer may direct such materials as he may require for tests. If for the purpose of determining the quality of stores the JSCL Officer find it necessary to have the stores tested at the test house or laboratory, all expenses incidental to the test shall be borne by the bidder. On the failure of the contractor to pay the expenses within 10 days of the receipt of intimation in this behalf from the JSCL Officer, The CEO, JSCL shall have the right to deduct the amount from the security deposited by the bidder, and if the amount so deducted is not deposited within 10 days, The CEO, JSCL may treat the default as a breach of agreement and proceed as per agreement without further notice.
30. The bidder should have their own office and service center in Jabalpur/Madhya Pradesh.

Sd-

CEO

Jabalpur Smart City Limited

Certified that I/We have read out/understood above all terms & conditions and accepted unconditionally.

Dated:

Signature of
Authorized person of the
manufacturer with rubber seal

Eligibility Criteria

| S. No. | Basic Requirements | Specific Requirements | Documents Required |
|--------|--|--|--|
| 1 | Applicant Entity | Registered firms /agency /companies Legal entities duly registered under the Companies Act 1956/ 2013 is allowed. | a) Certificates of incorporation or Registration Certificates b) GST |
| 2 | General Requirement | 1. Applicant should be in operation for a period of at least 3 years' IP CCTV experience and having a Turnover of more than 1 Crore | Certificate of Annual Turnover from CA to be Enclosed & certified copy of documents to establish the General requirement conditions to be enclosed |
| | | 2. The bidder must provide a minimum of 1 year warranty& 2 years AMC. | A self declaration of the same should be furnished. |
| | | 3. The bidder should have Work Experience in Supplying, Installation and maintenance of IP Based CCTV System | Work order copy of 50 lakh atleast with Work Completion Certificate in last 3 years to be attached with bid documents. |
| | | 4. The Camera OEM,Bidder firm/Company has to give a declaration that it has not been blacklisted in the past 3 years by any Govt. /Private institution of the country and there is no vigilance /any other investigating agency, Ease pending against the firm/supplier. | A self declaration of the same should be furnished by the bidder. |
| 3 | Turnover | The Applicant shall have an average annual turnover of at least INR 1 Crore in any last 3 Financial Year (2016-17,2017-18,2018-19) | a) Certificate(s) from CA of the Applicant or its Associates or the concerned client(s) stating the payments made / received or works commissioned, as the case may be, during the past 3 (three) years; and |
| | | | b) Audited financial statements for the Any last three financial years(2015-2016,2016-17,2017-18,2018-19). |
| 4 | Certificate Required for CCTV Camera OEM | CE,FCC,UL | Copy of Certificate should be furnished |

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1. Usability/Functionality/Capability

a. The system shall consist of

- i. High resolution cameras.
- ii. Capability of 15 days recording of images in at-least '2CIF' mode (no sound) for cameras for clear person recognition from recorded video. The recording will be over-written if not down loaded after the memory is fully utilized.
- iii. Capability of give alert of non-function of any CCTV camera or other device fitted in the location to the ICCS Server using GSM/GPRS SIM.
- iv. Live Streaming through IP should be provided ICCS .

b. Recording functionalities

- i. Continuous or schedule based recording.
- ii. Disconnected camera detection.
- iii. Auto shut down delay of minimum 20 minutes after ignition switch off.
- iv. Auto reset after power break.
- v. Built in clock.
- vi. The bidders are free to provide recorder with additional features like date, time, location etc. to add value to their device.

2. Specifications

a 'Camera' specifications

- IP 2 MP Bullet/Dome Network Camera
- Day and Night with ICR (Infrared Cutfilter Removal),
- Protection against water and dust (IP66), IK 10(Vandal proof)
- High resolution with 2MP (Color)
- 1/2.8" Progressive Scan CMOS 1920 × 1080@30fps 2.8mm fixed lens Color: 0.009 Lux @ (F2.0), 0 Lux @ (F2.0, IR ON) H.265 /H.264+/H.264
- 120 dB WDR
- IR range minimum 20 meter
- UL, CE, FCC
- Advance Analytics Function: Face Detection

b 'NVR' specifications

- NVR with 4G/3G Support (Internal or External)
- 4 Channel POE NVR
- H.265/SmartH.265/
- 4MP Realtime Recording
- Embedded Microprocessor with Linux OS
- 1 VGA, 1 HDMI Port, RJ45
- 1 HDD Support, 256 SD Card Support
- FCC, CE, BIS

Tentative Requirement

| S.No. | Discription |
|--------------|---|
| 1 | IP 2MP Bullet/Dome Cameras |
| 2 | Sim based Router/Network Video Recorder |
| 3 | Surveillance Flash Memory Card 128GB |
| 4 | CAT6 /N/w Cable Cable Drum (Lumpsum) |
| 5 | POE Switch for Camera (if required) |
| 6 | Mount Box (Heavy Duty) with Pole Mount Support Strip |
| 7 | 1 KVA UPS |
| 8 | Outdoor Junction Box for UPS 1 Fan,1Shelf, Pole Mount |
| 9 | Camera Installation Charges with Conduit Pipe |
| 10 | 4G Sim & Data Charges |
| 11 | Software for live streaming and store the data at ICCC server |

PRICE SCHEDULE – PART A

| S.No. | Description | Qty. | Rate | Amount (Excluding GST) |
|-------|---|------------|------|-------------------------------|
| 1 | IP 2MP Bullet/Dome Cameras(2nos each Location), NVR / Sim based Router, Surveillance Flash Memory Card 128GB, CAT6 Cable/Network cable Drum (lumpsum), POE Switch for Camera(if required), Mount Box (Heavy Duty) with Pole Mount Support Strip, 1 KVA UPS , Outdoor Junction Box for UPS 1 Fan, 1 Shelf, Pole Mount, Camera Installation Charges with Conduit Pipe, 4G Sim Charges , Software for live streaming and store the data at ICCS server. Warranty 1 Year. | 150 | | |
| 2 | AMC 1st Year & 2nd Year | 150 | | |
| | Total | | | |

Note:

1. The contract will cover the supply, delivery, testing & commissioning followed by a 1-year onsite warranty period, followed by a 2 Years comprehensive annual maintenance period (CAMC). Thus total period of maintaining the system will be 3 years from the date of completion of the system.
2. The Financial Proposals of only those bidders will be opened who scores equal to or more than 70 (Seventy) marks in Technical Evaluation..

Detailed Technical Evaluation Criteria.

| Technical Evaluation Criteria | | | |
|--------------------------------------|--|------------------|--|
| # | Technical Evaluation Criteria | Max Marks | Documents Required |
| 1 | Average annual turnover of the Bidder per annum during the any last three (03) financial years. Marks shall be allotted as given below: >INR 3+ Crore = 20 Marks > INR 2-3 Crore=15 Marks >INR 1-2Crore=10 Marks | 20 | CA certificate indicating turnover in last 3 yrs & audited Balance sheet of FY 2016-2017,2017-2018,2018-2019 |
| 2 | Experience of implementing project(s) on Installations of IP CCTV System in India in the last 3 years from the Proposal Due Date in any Central/State/PSU Bodies. Marks shall be allotted as below: 1. One Project having CCTV Camera more than 150cameras (Only Surveillance) licenses - 30 Marks or 2. Two Project having CCTV Camera 75cameras licenses - 30 Marks (15 marks each project) or 3. Three Project having CCTV Camera 50 cameras licenses - 30 Marks (10marks each project) | 30 | 1 Work order/ Contract clearly highlighting the scope of work, solutions relevant to this project, Bill of Material. 2 Completion Certificate issued & signed by the competent authority of the client entity on letterhead |
| 3 | Registered firms /agency /companies Legal entities duly registered under the Companies Act 1956/ 2013 is allowed. 1.Certificates of incorporation – 10 marks 2.GST-10 marks | 20 | a) Certificates of incorporation or Registration Certificates b) GST |
| 4 | Presentation cum POC | 30 | <ul style="list-style-type: none"> • Proposed Design that includes NVR,Connectivity,Camera,Streaming to ICC • Proposed Software Solution with mobile Application |
| Total Marks | | 100 | Marks |

Note: The Financial Proposals of only those bidders will be opened who scores equal to or more than 70 (Seventy) marks in Technical Evaluation.

Final Evaluation of Bid

- a) JSCL will award the Contract to the Bidder based on Quality Cum Cost Basis (QCBS).
- b) All the bids will be scrutinized/evaluated as per the criteria given in the RFP documents and a list of successful bidders will be evaluated on the QCBS pattern of 70:30 (Technical Bid - 70% weightage, Financial Bid - 30% weightage)
- c) Proposals will finally be ranked according to their combined technical (S_T) and financial (S_F) scores as follows:

$$S = S_T \times T_W + S_F \times F_W$$

Where S is the combined score, and T and F are weights assigned to Technical Proposal and Financial Proposal that shall be 0.70 and 0.30 respectively.