

REQUEST FOR PROPOSAL (BID)

For

**PROPOSAL FOR SUPPLY, INSTALLATION, TESTING,
COMMISSIONING & CAMC OF CCTV SYSTEM IN
RAJASTHAN STATE COOPERATIVE MARKETING
FEDERATION LTD., RAJASTHAN**

Reference Number: 1/2018-19

Closing Date & Time of Proposal Submission 26th Sep. 2018 at 03.00 PM

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**Rajasthan State Cooperative Marketing Federation Ltd.
4 Bhawani Singh Road Jaipur (Rajasthan)**

Request For Proposal (e-Tendering)

The Managing Director (RAJFED) invites online bids on Two Bid System for the following work:-

Bid No. **1 /2018-19**, Name of Work: - PROPOSAL FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING & CAMC OF CCTV SYSTEM IN ALL OVER RAJASTHAN PURCHASE CENTRE AT Purchase Centre EMD Rs. 7,00,000/-.

Last date and time of submission of bid 26th Sep. 2018 AT 3.00 PM

The bidforms and other details can be obtained from website

<http://rajfed.gov.in/> , <http://sppp.rajasthan.gov.in/> , <https://eproc.rajasthan.gov.in>

Managing Director

ABBREVIATIONS AND DEFINITION 1.0	
Abbreviations	Expanded
CAMC	Comprehensive Annual Maintenance Contract
CCTV	Close Circuit Television
CCTV Camera System	Close Circuit Television having features of capturing, storing/displaying and transmitting of video from camera including video surveillance system.
EMD	Earnest Money Deposit
GOI	Government of India
GR	Goods Receipt
INR	Indian Rupee
MOU	Memorandum of Understanding
OEM	Original Equipment Manufacturer
PG	Performance Guarantee
POA	Power of Attorney
BID	Request for Proposal
LOI	Letter of intent
PO/Work order	Purchase order / work order issued by the department to the Successful bidder whose bid is accepted and the rate contract is awarded
Purchaser/ Department	General Manager, (HRD)RAJFED, Jaipur
CCC	Central Command Control
S.I.	System Integrator
MA	Market Association
ROC	Registration of Company
SLA	Service level Agreement

SECTION 2

INTRODUCTION AND PROJECT OVERVIEW

1. RAJFED invites on line item rate bids in Three Bid System i.e. Eligibility, Techno-Commercial & Financial bids for SUPPLY, INSTALLATION, TESTING, COMMISSIONING & CAMC OF CCTV SYSTEM IN Rajasthan. The work shall be carried out strictly as per the specification given in the work order as per the actual requirements of the Department.
 - a. To provide a safe and secure environment, to curb crime and feeling of security in the minds of Farmers of Rajasthan. The project intends to cover the CCTV System for various RAJFED purchase center in rajasthan : Anaj Mandi .
 - b. The system shall also support to surveillance systems of different stakeholders with the objective of enhancing safety and security in the RAJFED Purchase Centre in Various Anaj Mandi's. The system is expected to:
 - i. To maintain Law and Order.
 - ii. Act as an aid to investigation.
 - iii. Help in deterring, detecting and thus dealing with criminal activities.
 - iv. Attain faster turnaround time for crime resolution and proper investigation.
 - v. Monitor suspicious people, objects etc. to help protect life and property.
 - c. A simple CCTV system with latest technologies available as on date is considered after deliberations with various OEMs and System Integrators. The full HD recording for 30 days shall be available as per the requirement of Department. A viewing provision of video at reduced frame at RAJFED Purchase Centre Level and alerts for health checkup of camera etc. at Centralized control command station is kept in the proposed CCTV system. The responsibility of Comprehensive maintenance of system for Three Years shall also be with contractor.
 - d. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by RAJFED. Any notification of preferred bidder status by RAJFED shall not give rise to any enforceable rights by the Bidder. RAJFED may cancel this procurement/work at any time prior to a formal written contract being executed by RAJFED.
 - e. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the solution needed to meet the requirements.
 - f. The approximate size of the scheme is approximately 1000 cameras of 4mp with associated accessories in approx. 250 different RAJFED Purchase Centre. The quantity is approximate only and may vary 30% on plus or minus side.
 - g. The work to be carried out under the Contract Shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the work. The descriptions given in the Schedule of Quantities/work shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
 - h. **Scheme:-**
 - i. Need to cover all RAJFED Purchase Centre in Rajasthan.
 - ii. Each RAJFED Shop shall have 4 cameras to cover areas.
 - iii. Cameras shall be with 4MP IP IR with Day / Night vision.

- iv. Local view at each RAJFED Purchase Centre shall pool the video from all cameras.
- v. Server and cameras to be connected over 4G/3G/2G/GPRS. Approximately 1000 IP Cameras.
- vi. Recording in NVR at camera location for 30 days.
- vii. Video storage shall be provided by contractor to Department /police/court on demand within 24 hrs.
- viii. SIM card shall be in the name of Engineer in-charge and suitable plan / service provider shall be decided by the Engineer in-charge and its cost also born by the Engineer in-charge. However the coordination work between ISP and Engineer in-charge shall be responsibility of the contractor. Contractor however may also suggest the name of ISP with best suitable plan for smooth functioning of the project further department reserve the right to accept or not to accept without any prejudice to the right of the department, the suggested ISP and plan by the contractor.

i. In Each RAJFED Various Purchase Centre in Rajasthan Anaj Mandi :-

- i. 3 Nos. of Bullet IP Cameras will be mounted Outdoor and 1 Dome IP Cameras for indoor in each site. Every Camera should support with min of 4MP Resolution.
- ii. NVR box will be placed to connect 4 cameras around a location
- iii. AC Power supply to UPS and NVR box will be provided by Each Site; Camera will be powered from NVR. Department will identify the tapping point for giving the electric supply to the system. Extending the electric supply from the tapping point to the system is in the scope of the contractor. The monthly electricity consumption charges shall be borne by Department.
- iv. NVR Box will store 30 days of recording at full HD of all camera connected to it. The recording will be done at 25 FPS on same resolution as CCTV Camera.
- v. Video feed from each camera installed in RAJFED Shop shall be provided to Central Command Center at the rate of 1 FPH
- vi. Connectivity to local RAJFED Shop server from camera will be established using a Wi-Fi Zone/ GSM/ Broadband Connection.
- vii. Video feeds shall be stored in secured manner

j. Central Command Control (CCC) :-

- i. Data Server(s) will be placed at CCC and pool the Health data of camera & devices from RAJFED Purchase Centre.
- ii. Video images at pre-defined intervals also will be streamed to servers. The server will be FTP server.
- iii. Data transfer between RAJFED Shops camera and CCC Servers will be over 2G/3G/4G/GPRS/Wifi/BroadBand.
- iv. 1 LED display will be mounted on CCC walls for viewing health data of devices & cameras.

k. Health Check:-

- i. NVR Functioning and Uptime trend
- ii. Camera functioning & recording status
- iii. HDD functioning
- iv. HDD Space utilization
- v. Number of days recording exists
- vi. Oldest and latest recording days

SECTION 3

ELIGIBILITY AND EVALUATION CRITERIA

ELIGIBILITY CRITERIA:-

Eligibility criterion for the bidder/S.I:-

- 3.1.1 The Applicant must be a Proprietorship Concern/Company registered under Indian Company Act, 1956/ Firm registered under The Partnership Act 1932/ Society registered under Societies Act, 1860/Autonomous bodies or any other venture not covered above and in similar business for the last Three years as on 31st March 2018. Consortium of companies/firms etc. is not allowed.
- 3.1.2 The applicant should have valid GST Registration in its name (attach copy of registration) or proof of applying for GST (attach copy of acknowledgment). The firm not registered with GST Department has to be got registered themselves with GST Department before award of work.
- 3.1.3 The applicant should have Income Tax PAN in its name {Attach copy}.
- 3.1.4 A self-certificate that the Company has not been black listed by any department/autonomous body/PSU of the Central/State Government in the past three years as on last date of submission of the BID (submit as per Annexure 10).
- 3.1.5 Average Annual Turnover of the bidder should be at least Rs. 3 Crores for the last three consecutive financial years ending March 2018. (Attach Financial Information as per Annexure 5).
- 3.1.6 Should have a bank solvency of Rs. 1 Crores (Attach Financial Information as per Annexure 13)
- 3.1.7 The successful bidder within 10 days of the issue of acceptance of bid from department shall have to submit valid letter from the OEM confirming as per Annexure-12 and other eligibility documents:-
 - 3.1.7.1 Authorization letter and agreement from OEM
 - 3.1.7.2 OEM letter confirming, product quoted are not end-of-life for further period of 5 years".
 - 3.1.7.3 Support including spare, Software upgrades shall be made available for next 5 years.
- 3.1.8 Bidder should have their own support & service Centre in India or have back to back support & service of OEM in India.
 - 3.1.9 Eligibility criterion for the OEM (Original Equipment Manufacturer):-**
 - 1) OEM should have average annual financial turnover not less than Rs. 30 Crores. (In India only for CCTV works) for the last three years ending from March 2018.
 - 2) OEM should have registered office in India since last Three years for which documentary evidence such as copy of ROC.

- 3) OEM should have service centre in India. This is to be supported with documentary evidence.
- 4) OEM shall enter into agreement/MOU with System Integrator to support the project for the contract period
- 5) OEM should be an ISO 9001:2008 and 14001 or higher level certified company.
- 6) The OEM should have cloud for plug & play remote viewing; the Cloud/DDNS server must be hosted in INDIA for protection of public privacy and related data from security threats.

3.1 Evaluation Criteria

3.2.1 First Step -On line opening of eligibility bid document.

3.2.2 Second Step – Evaluation of eligibility bid

The eligibility bid of the prospective bidders will be evaluated as per point no. 3.1. The bidders who qualify the eligibility criteria of clause 3.1 will be declared as eligible bidders for next step.

3.2.3 Third Step – Opening of Technical Bid of Eligible bidders & their evaluation. The technical bid of all the eligible bidders will be evaluated on the basis of the minimum technical specifications & features of the equipments / systems as per compliance sheet mentioned in the BID. After evaluation of technical bids by committee, the bidders, who meet the requisite criteria, will be short-listed. When deemed necessary, Committee may seek clarifications on any aspect of their bid from the vendor. However, that would not entitle the vendor to change or cause any change in the substance of the tender submitted. This would also not mean that their proposal quote has been accepted.

3.2.4 The decision of the Proposal Evaluation Committee in the evaluation of responses to the BID shall be final. It is mandatory for the bidder to quote for both the CCTV equipment (inclusive of Software and standard accessories) installation, Testing & commissioning. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated **“0” (Zero)** and the vendor has to execute such item (s) at Zero rate if work order is placed on them.

3.2.5 Fourth Step – Opening of Financial Bid of Technically Eligible Bidder in the third step as above.

3.2.5.1 Financial bids of only those bidders will be opened, whose technical bid was found satisfactory and approved by the department/committee. Such Financial bids will be opened by the committee

3.2.5.2 First lowest (L-1) bidder for CCTV Equipment:-L1 is the bidder with the least composite financial offer.

3.2.5.3 Comprehensive Annual Maintenance Contract (CAMC):-The CAMC will include replacement of all defective parts or assemblies of equipment, one mandatory visit per month for preventive maintenance besides the emergency calls. Complaints will be attended as per the SLA given by the department

3.2.5.4 Bidder who will execute the work of Supply, Installation, Testing & Commissioning of CCTV cameras along with the equipment/ accessories shall be Empanelled as per criteria as shown in the BID.

3.2.5 AWARD CRITERIA

3.2.5.1 Rate contract shall be awarded as per para 3.2.4

3.2.5.2 The successful bidder within 15 days of the issue of Letter of Intent from department, shall deposit an amount equal to 5% of the calculated amount of the proposed work order (Without limit) as performance guarantee in one of the following forms:

3.2.5.2.1 Deposit at / Banker's Cheque/ Demand draft/ PayOrder of a Scheduled Bank

3.2.5.2.2- It will be obligatory upon the vendor to make the supply of all the items as per terms and conditions of contract. Any item left but necessary for successful completion of project shall be deemed to be included in the cost and nothing extra shall be paid. On refusal of the supply and execution to the satisfaction of department, the RC of the company will be cancelled, up to date Security Deposited and will be forfeited and other appropriate action as deemed fit will be initiated.

3.2.6 VALIDITY OF PROPOSAL:-The proposal is valid for a period of three months i.e.(90 days) from the date of submission of bid and rates finalized with this tender process will be valid till the validity period of the contract with the service provider i.e. one year. The committee may seek confirmation of the bidder for the extension of validity beyond validity period.

3.2.7 VALIDITY PERIOD OF THE CONTRACT

3.2.7.1 The rate contract shall remain in force for one year from the date of signing of the contract and the same can be further extended for One year by the department at the same rate and terms and condition.

3.2.7.2 An order may be placed up to the last day of the currency of the rate contract. Delivery date in the work order need not necessarily fall within the currency of the rate contract but it can go beyond it depending upon the terms of delivery stipulated in the rate contract or in specifically agreed condition of delivery in respect of particular work order.

3.2.7.3 No extension of validity period of the rate contract itself is required when execution of work against outstanding work order continue even after expiry of the validity period. The rate contract will remain alive for purpose of delivery for all the stores ordered during the currency of the rate contract until deliveries have been completed.

SECTION 4

INSTRUCTIONS TO BIDDER

- 4.1 The bidder shall bear all costs associated with the preparation and submission of the BID. The department in any case will not be responsible or liable for these costs
- 4.2(a) The bidders advised to study the BID Document carefully. Submission of the BID shall be deemed to have been done after carefully studying and examination of all instructions, eligibility criterion, terms and requirement specifications contained in the BID document with full understanding of its implications. Failure to furnish all information required in the BID Document in all respects will be at the company's risk and may result in the rejection of the BID.
- (b) The bidder must ensure to quote rate of each item. In addition to this while selecting any of the cells if cell is left blank the same shall be treated as **"0" (Zero)**. Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated **"0" (Zero)** and the vendor has to execute such item (s) at Zero rate if work order is placed on them.

4.3 BID DOCUMENTS

4.3.1 BID Documents includes:-

Section 1 Notice inviting BID

Section 2 Introduction and project overview

Section 3 Eligibility and Evaluation Criteria

Section 4 Instructions to applicant agencies

Section 5 Commercial Conditions of the Contract

Section 6 Annexure-1 to 13

Section 7 Technical specifications

Section 8 Price Bid

4.3.2 Any clarification

4.4 AMENDMENT TO BID DOCUMENTS

4.4.1 At any time the committee may for any reason, whether at its own initiative or in response to a clarification requested by a prospective company, modify the BID documents by amendments.

4.4.2 The amendments/Corrigendum will be notified on RAJFED Website and these amendments will be binding on them. Applicants are advised to visit Rajasthan Govt. site <https://eproc.rajasthan.gov.in> regularly for updates on BID.

4.5 EXTENSION OF TIME

In order to give bidder required time in which to take the amendments into action in preparing their BID, the committee may at its discretion extend the deadline for submission of BID suitably.

4.6 ELIGIBILITY AND QUALIFICATIONS

Bidder shall furnish as a part of BID documents establishing the bidder's eligibility to supply the material. The bidder shall also submit documentary evidence in the form of literature, drawing, data on the goods offered.

4.7 EARNEST MONEY DEPOSIT

4.7.1 The bidder shall submit EMD 7,00,000/- (Rupees Seven Lakhs) by Demand Draft or Pay Order or FDR from a Scheduled Bank in favour of Rajasthan Rajya Sehkari Karya Vikrya Sangh Limited payable at Jaipur, Rajasthan. **But the bid can only be submitted after deposition of original EMD in the office of RAJFED by 03:00 PM, one day prior to tender closing date. It will be also applicable on those bidders who are exempted under the Rajasthan Government Guidelines. The EMD document shall only be issued from the place in which the office has received the EMD and uploading the same is mandatory along with other tender documents (As annexure -13).**

Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque in favour of Rajasthan Rajya Sehkari Karya Vikrya Sangh Limited, payable at Jaipur) shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited either in the office of RAJFED.

The EMD receiving shall issue a receipt of disposition of earnest money deposit to the bidder in the prescribed format (enclosed as annexure-13) uploaded by tender.

4.7.2 The EMD of the unsuccessful bidder shall be discharged/ returned as promptly as possible.

4.7.3 The successful bidder's EMD shall be discharged upon the submission of the Performance Guarantee by the contractor. If the contractor fails to submit the performance guarantee then the EMD shall be forfeited.

4.7.4 No interest is payable on EMD.

- 4.7.5 In case of inadequacy or non-submission of prescribed EMD/Tender Fee, as per BID, the bidder shall be deemed to be disqualified and shall be summarily rejected in the evaluation.
- 4.7.6 If the bidder fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the RAJFED to forfeit either in whole or in part, the Performance Guarantee /Security deposit furnished by the company.
- 4.8 The committee will not be responsible for any delay on the part of the company in submission of the BID.
- 4.9 Any attempt by bidder to bring pressure towards committee's decision-making process, such bidder shall be disqualified for participation in the present BID and their EMD may be forfeited and also those bidder may be liable to be debarred from bidding for Govt. of Rajasthan tenders in future for a period of three years.
- 4.10 Upon verification, evaluation / assessment, if in case any information furnished by the bidder is found to be false/ incorrect, their total BID can be summarily rejected and no correspondence on the same, shall be entertained.
- 4.11 The committee will not be responsible for any misinterpretation or wrong assumption by the bidder, while responding to this BID.
- 4.12 The bidder shall be governed by the 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.
- 4.13 All disputes in this connection shall be settled in Jaipur jurisdiction only.
- 4.14 The MD RAJFED reserves the right to cancel this BID or modify the requirement without assigning any reasons. The MD RAJFED will not be under obligation to give clarifications for doing the aforementioned.
- 4.15 A BID determined as substantially non-responsive shall be rejected by the committee.
- 4.16 The committee may waive any minor infirmity or non-conformity or irregularity in the BID which does not constitute a material deviation.
- 4.17 The committee shall evaluate in detail and compare the BID which are substantially responsive.
- 4.18 **POST BID CLARIFICATIONS**

No post BID clarification at the initiative of the bidder shall be entertained and any effort by the bidder to influence the Purchaser in the Purchaser's BID evaluation, BID comparison or award of the contract shall result in rejection of the BID of applicant.

4.19 **Enquiries and Clarification: -**

- a. Enquiries, if any, shall be addressed to General Manager, RAJFED and sent to the email id rajfed_agri.input@yahoo.com. All clarifications that are received by email on or before the date mentioned in the schedule will be addressed by Committee.

Committee shall aggregate and respond to all such clarifications as per the schedule of bidding. This response to clarifications will be issued as a Corrigendum to the original BID, if any.

- b. In respect of suggestions/clarifications received, the following shall apply:
 - i. The Committee reserves the right not to consider any condition that is the sole discretion of the Committee, if found unacceptable.
 - ii. If in Committee's opinion, certain conditions are acceptable, in whole or in part, the same shall be finalized by Committee and the accepted conditions will be made available to all Bidder.
 - iii. In respect of suggestion/ alterations proposed Committee may consider them and the result will be circulated to all bidders through its website.
- c. If Committee deems it appropriate to revise any part of this RPF or to issue additional date to clarify an interpretation of the provisions of this BID, it may issue supplements to this RPF. Such supplemental information, including but not limited to, any additional conditions, clarifications, minutes of meeting, and official communication over email/post will be posted on the Rajasthan Govt. site.
- d. In order to allow bidders a reasonable time to take the amendment(s) into account in preparing their bids, Committee, at its discretion, may extend the deadline for the submission of bids.

4.20 Authentication of Bid: The BID alongwith all annexure /document shall be signed by a person duly authorized to bind the organization to the Contract. A duly stamped Power-of-Attorney accompanying the BID Document shall support the letter of authorization. The person or persons signing the BID Document shall sign all pages of the BID Document, including pages where entries or amendments have been made.

4.21 INSTRUCTIONS REGARDING ONLINE SUBMISSION OF BID

Participation in this BID shall be through online submission only. The following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the E-procurement portal .

4.21.1 Preparation & Submission of BIDs:

Detailed tender documents may be downloaded from e-tender portal of Govt. Of Rajasthan <http://www.govtprocurement.rajasthan.gov.in> as per Tender Notification and tender is to be submitted online following the instruction appearing on the screen. A buyer manual containing the detailed guidelines for e- tendering system is also available on e- tender portal.

4.21.2 On-Line Submission

The On Line Submission will have the following activities:

- i) Submission of particulars of EMD.
- ii) Submission of signed and scanned copy of Eligibility Bid

Eligibility Bid must contain the signed & scanned copy which is required to be uploaded as per requirement of BID and the list of documents is as under: -

1. Scanned Copy of EMD and receipt of deposit of EMD as per Annexure-13
2. Capability Statement of the applicant as per Annexure 1
3. Copy of Certificate of Incorporation of Company/ Firms Registration.
4. Copy of registration in GST/Acknowledgement of applied for GST IN
5. Copy of Income Tax PAN/ TAN number
6. Declaration as per Annexure-3
7. Financial Information as per Annexure 5
8. Statement of Experience as per Annexure 12, along with copies of work order, completion certificates. etc.
9. Letter for submission of tender annexure -4
10. Notarized Affidavit as per Annexure-6
11. Power of Attorney as per Annexure- 7 (original)
12. Self-certificate regarding blacklisting of the company as per Format on Annexure 8
13. Bank solvency as per annexure-11
14. Signed copy of BID in token of acceptance of Terms and Conditions of BID
15. Statement of checklist annexure 9
16. Format of undertaking to be given an letter head (affidavit cum undertaking annexure-10)
17. Receipt of depositions of original EMD (Annexure 13)

iii) Submission of Technical Bid.

Technical Bid must contain the signed & scanned copy which is required to be uploaded as per requirement of BID and the list of documents is as under: -

- 1- Copies of certifications
- 2- Technical Bid Documents
- 3- Technical compliance sheet of various equipments as per BID

iv) Submission of Financial Bid.

4.21.3 **Completeness of Offer:** -Technical details must be completely filled in. Correct technical information of the product being offered must be filled in. Filling up of the Technical Detail Form using terms such as “OK”, “accepted”, “noted”, “as given in brochure / manual” is not acceptable. The Purchaser may treat offers not adhering to these guidelines as non-acceptable. Similarly, Financial Bid accompanied by vague and conditional expressions such as "subject to immediate acceptance", "subject to confirmation before sales", etc. will be treated as being at variance and shall be liable for rejection.

4.21.4 The **Camera and NVR should be from same OEM** for seamless integration and ease of operation.

4.21.5 All the network switches shall be from same OEM.

4.21.6 The bidder should clearly indicate in his tender in the remarks column, deviations, if any, from the commercial, technical and general clauses of this Specification. In case the deviations from any of the tender specification clauses are not mentioned in the tender, it will be presumed that these clauses are acceptable to the bidder and shall be binding on him in the event of an order being placed on him.

4.21.7 **Modification/ Substitution/ Withdrawal of BIDs:**

4.21.7.1 The Company may modify, substitute or withdraw its BID after submission prior to the BID due date. No BID shall be modified, substituted or withdrawn by the Company on or after the BID due date.

4.21.7.2 Any alteration/ modification in the BID or additional information supplied subsequently to the BID Due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.

4.21.7.3 For modification of BID, Company has to detach its old BID from e-tendering portal and upload/ resubmit digitally signed BID.

4.21.7.4 For withdrawal of BID, Company has to click on withdrawal icon at e-tendering portal and can withdraw its BID.

4.21.7.5 Before withdrawal of a BID, it may specifically be noted that after withdrawal of a BID for any reason, Company cannot re-submit BID again.

4.22 **DELIVERY AND INSTALLATION SCHEDULE**

The vendor has to complete the supplying, installation, testing and commissioning of CCTV System within a period specified in the LOI/PO/work order, effective from the date of work order of the particular work.

4.23 Hardware Warranty

The bid of the vendors will include comprehensive on-site warranty, covering replacement of all unserviceable parts, for a minimum of 3 year period starting from the date of installation and acceptance of the system by the Department. Vendor shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all installed equipments covered by the BID. Vendor must warrant all equipments, against any manufacturing defects during the warranty period.

4.24 Support

The bidder is required to provide sound-service after-installation and commissioning of the system by arranging timely attending of calls as per SLA, where the equipment has been installed & commissioned and problem rectification through competent service engineers. The desired support line should be uniformly maintained at all the sites. To ensure timely rectification of the complaints, the vendor has to maintain sufficient inventory of spare parts/equipments at all the support centres to avoid unnecessary delay in obtaining the spare parts/equipments. The bidder must supply the escalation matrix for service/support infrastructure meant for registering the complaints along with the contact numbers like mobile nos., phone nos., electronic mail addresses and names etc. The bidder shall have its own service centre for AMC in Rajasthan

4.25 Warranty Contract

The Warranty will include visits and repairs and replacements of defective parts or assemblies, to put the system in operation. All complaints shall be attended as per SLA. The vendor(s) will not outsource the maintenance work assigned by the department, to any second party and bidder will arrange attending of all complaints registered by the department or department's Client officials through its own service / support infrastructure or OEM's service centre only. The department reserves the right to terminate the CAMC by issuing one month's notice to the concerned vendor(s), if the services rendered by the vendor(s) are found unsatisfactory.

Protection against theft and Physical damages shall be the responsibility of Department contractor.

4.25 (A) Hardware Failure

If, during the 3 YEAR warranty period , any equipment fails to function properly four or more times during a quarter due to any reason except Force Majeure event, the vendor shall arrange replacement of the same by new equipment of same or higher configuration, at no extra cost to the department's Client.

4.26 LIQUIDATED DAMAGES FOR DELAY IN INSTALLATION

The vendor has to complete the supplying, installation, testing and commissioning of CCTV System within a period as per LOI/PO/ work order, effective from the date of issue of work order by the department. However, if the vendor commits delay in supplying, installation, testing and commissioning, within the period as per LOI/PO/work order, the vendor will be liable to pay a sum of 0.5% (half percent) of

the total cost of contract for each week of delay beyond the scheduled installation date by way of liquidated damages without prejudice to its other remedies under the Contract subject to a maximum limit of 10 percent of the contract value.

4.27 **SLA and PENALTY FOR LACK OF SERVICE SUPPORT**

- A. Department expects proper service/maintenance support during 3 YEAR warranty. The system/equipments should be set right within 24 hours of reporting the complaint by SMS or Email through software or phone or any other manner. In case the system/equipment is not made functional for more than 24 hours and no substitute is provided by the vendor, a penalty at the rate of Rs. 500 per camera per day shall be imposed on the contractor. Such penalty will be recovered from the amount payable to the vendor or any other payment in the hand of the department. Vendor should respond within 24 hrs to request made by the Department to provide necessary video storage to Department /police/court. If the vendor fails to address, a penalty of Rs. 5,000.00 per day will be charged, after 24 hours of receipt of requisition subject to the maximum of 10% of contract amount. Such penalty shall be recovered from the amount payable to the vendor or any other payment in the hand of department. Email/ SMS/ phone call will be considered as valid means to report complaint. If the performance of vendor is not found to be satisfactory, the department may terminate the contract of vendor and may initiate the case for blacklisting of the firm.
- B. Overall uptime availability: - It is desired that entire system shall remain functional all the times. However, the uptime of all the CCTV system up to 96% on calculated on quarterly basis is acceptable without any penalty. However a penalty of Rs. 5,000.00 for each percent of uptime below 96% downtime exceeding shall be levied / imposed on the contractor/vendor, subject a maximum of 10% of contract amount.

Overall uptime/downtime shall be calculated based on log of DVR/NVR for each camera. To secure the DVR/NVR log, Bidder shall provide proper authentication and authorization mechanism. The quarterly uptime/downtime report shall be generated at CCC which shall be final and binding to all the vendors.

- 4.28 Vendor can use different brands of products provided they meet the tender specifications and compatible with all hardware components for optimum system performance.
- 4.29 Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract. All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the format of the department so that a complete record is obtained of all the items of works performed under the contract. All such measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorized representative. After the

necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance. Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-in-Charge and/or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit to the department a computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-in- Charge and/or his authorized representative would thereafter check this MB, and record the necessary certificates for their checks/test checks. The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by the department. Thereafter, the MB shall be taken in the RAJFED Office records, and allotted a number as per the Register of Computerized MBs. This should be done before the corresponding bill is submitted to the RAJFED Office for payment. The contractor shall submit two spare copies of such computerized MB"s for the purpose of reference and record by the various officers of the department. The contractor shall also submit to the department separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the "bill. Thereafter, this bill will be processed by the RAJFED Office and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements. The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements/levels by the Engineer-in- Charge or his representative. Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are notcovered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available then a mutually agreed method shall be followed. The contractor shall give not less than seven days" notice to the Engineer-in-Charge or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and/or test checking measurements without such notice having been given or the Engineer-in-Charge"s consent being obtained in writing the same shall be uncovered at the Contractor"s expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed. Engineer-in-Charge or his authorized representative may cause either themselves or through

another officer of the department to check the measurements recorded by contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels. It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

4.31 The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed thereunder and other labour laws affecting contract labour that may be brought into force from time to time.

4.32 (i) All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, if any further tax or levy or cess is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes/levies/cess, the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Superintending engineer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.

(ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the RAJFED and/or the Engineer-in-Charge and shall also furnish such other information/document as the Engineer-in-Charge may require from time to time.

(iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or cess, give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

4.33 No engineer of gazetted rank or other gazetted officer employed in engineering or administrative duties in an engineering department of the Government of India shall work as a contractor or employee of a contractor for a period of one year after his retirement from government service without the previous permission of Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Government of India as aforesaid, before submission of the tender or engagement in the contractor's service, as the case may be.

4.34 If the contractor fails to maintain the required progress and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated by the MD RAJFED (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below or that the work remains incomplete.

This will also apply to items or group of items for which a separate period of completion has been specified.

- (i) Compensation for delay of work @ 1.5 % per month of delay to be computed on per day basis.

Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the work order Value of work or of the work order Value of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government

4.35 Instructions for technical Bid:

Name of Work : Proposal for supply, installation, testing, commissioning and CAMC Of CCTV system in all over Rajasthan PSS purchase centres.

Employer's Name : Managing Director, Rajasthan State Cooperative Marketing Federation Ltd., Jaipur

S.no.	Item	Details
1	Estimated cost of Work	3.50 crore
2	Amount of Bid security	7.00 lacs
3	Bid document processing Fees	Rs. 1000/-
4	Validity period of contract	One year
5	Date of Downloading of bid documents	From 25.08.2018 to 26.09.2018
6	Last date for uploading bid documents	26.09.2018 up to 3.00 PM
7	Time, date and place of opening of Technical Bid	26.09.2018 at 4:00 PM Rajfed, 4 Bhawani Singh Road, Jaipur
8	Time and date of opening of Financial Bid	28.09.2018 at 3:30 PM
9	Tentative month for releasing work order	October 2018
10	Validity of Bid	After opening Technical Bid up to 90 days.

E-bids shall be accepted only on-line (e-procurement). EMD of Rs. 700000/- along with e-bids form fee of Rs. 1000, in the form of Demand Draft/pay Order in favour of "RAJASTHAN RAJYA SAHAKARI KRAYA VIKRAYA SANGH LTD." Jaipur. and processing Fees Rs. 1000/- in favour of "MD, RISL"jaipur. total 3 demands drafts shall have to be deposited physically in the office of Rajasthan Rajya Sahakari Kraya Vikraya Sangh LTD., 4 Bhawani singh road, Jaipur, up to 02 PM on 26.9.2018 and scanned copies of the 3 demand drafts should also be uploaded with tender documents, if the 3 above DDs were not physically submitted well in time and in proper office as mentioned here, tender/bid shall not be considered and shall be rejected.

Technical Bid and Financial Bid shall be uploaded separately. Financial Bid of Bidder, who qualifies in the Technical Bid would only be downloaded. Unqualified Bidders in the Technical Bid not be considered.

SECTION-5 COMMERCIAL CONDITIONS OF THE CONTRACT

5.1 PRICE APPLICABILITY

Prices in the Work Order shall remain valid for the period of as specified in Work Order. In case of delayed supplies, after delivery period, the advantage of reduction of taxes/duties shall be passed onto the Department and no benefit of increase will be permitted to the Supplier.

5.2 PAYMENT TERMS

5.2.1 Quoted rates shall be inclusive of all taxes, duties etc. and nothing extra shall be paid in this regard except para 4.32 above.

5.2.2 Bill for release of payment should be submitted in triplicate along with duly acknowledged delivery challan & satisfactory installation of equipment's report from the department for the work order for which the bill is being raised.

5.2.3 1. 35% -- against satisfactory delivery of material at site i.e. material confirming to specification along with test reports (Department reserves the right to get the equipment tested from an independent lab) except CAMC charges.

2. **35%** -- against satisfactory installation, testing and commissioning of material at site and handed over.

3. **10%** -- against completion of one year of defect liability period

4. **10%** --against completion of 2 years from the date of completion.

5. **10%+7.50% (5%PG+2.5%SD)** --against completion of 3 years from the date of completion

(Note: The amount mentioned above from Sl.No. 03 to 05 may be released by the Department on the request of vendor after the submission of Bank Gurantee by the vendor for the corresponding amount after completion of the work.)

5.3 INDEMNITY:

The Supplier shall indemnify the department/User departments against all third party claims of infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied items and related services or any part

thereof. Department/User department stand indemnified from any claims that the vendor's manpower may opt to have towards the discharge of their duties in the fulfilment of the purchase orders. Department/User department also stand indemnified from any compensation arising out of accidental loss of life or injury sustained by the vendor's manpower while discharging their duty towards fulfilment of the purchase orders.

5.4 PERFORMANCE GUARANTEE

5.4.1 The successful bidder within 15 days of the issue of Letter of Intent from department, shall deposit an amount equal to 5 % of the calculated amount of the proposed work order (Without limit) as performance guarantee in one of the following forms:

- i) Deposit at / Banker's Cheque/ Demand draft/ Pay Order of a Scheduled Bank.

5.4.2 The proceeds of the Performance Guarantee shall be payable to the Department as compensation for any loss resulting from the vendor's failure to complete its obligations under the contract.

5.4.3 The Performance guarantee will be discharged by the department as per para 5.2.3 as above.

5.5 SECURITY DEPOSIT

The security deposit @ 2.5% shall be deducted from the bill of the vendor. The amount of security deposit shall be released only as per para 5.2.3 as above.

5.6 CHANGE ORDERS

5.6.1 The Department may at any time by written order given to the Vendor make changes within the general scope of the contract in any one or more of the following:-

- a) Drawings, designs or specifications where goods to be furnished under the contract are to be specifically manufactured for the Department.
- b) Method of transportation or packing.
- c) Place of delivery.
- d) Services to be provided by the vendor.

5.6.2 If any such change causes an increase or decrease in the time required for the execution of the contractor, an equitable adjustment shall be made in the contract for delivery schedule.

5.7 SUB-LETTING

The Company cannot assign or transfer and sub-contract its interest/ obligations under the contract without prior written permission of the Purchaser.

5.8 LIQUIDATED DAMAGES (LD)

5.8.1 The date of the delivery of the goods/services stipulated in the acceptance of tender should be deemed to be the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given except in exceptional circumstances. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the Purchaser of the right to recover Liquidated Damages.

5.8.2 In case the bidder fails to execute the Work against the order, the same shall be executed by OEM at the cost and risk of the System Integrator and the excess money will be recovered from any dues of the party.

5.8.3 LD can be recovered from any dues of the bidder.

5.9 ARBITRATION

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specification, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relation to the contract, design, drawings, specification, estimates, instructions, order or these conditions or otherwise concerning the works or the execution of failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

If either party consider any work demanded of or denied to it to be outside the requirements of the contract, or disputes any drawings, record of decision given in writing by the Engineer-in-Charge or contractor on any matter in connection with or arising out of the contract of carrying out of the work, to be unacceptable, it shall promptly within 15 days request the dispute redressal committee (DRC) along with a list of disputes with amounts claimed in respect of each such dispute. The Dispute Redressal Committee (DRC) shall give the opposing party two weeks for a written response, and holding not more than three hearings give its decision within a period of 60 days from the receipt of appeal from either party. The constitution of Dispute Redressal Committee (DRC) shall be as per order of Pr. Chief Engineer (Project) PWD. If the Dispute Redressal Committee (DRC) fails to give its decision within the aforesaid period or any party is dissatisfied with the decision of Dispute Redressal Committee (DRC) , Then either party may within a period of 30 days from the receipt of the decision of Dispute Redressal Committee (DRC), give notice to the Chief Project Manager(CCTV) for appointment of arbitrator on prescribed proforma as per Appendix XV, failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.

Except where the decision has become final, building and conclusive in terms of Sub Para (i) above, dispute of difference shall be referred for adjudication through

arbitration by a sole arbitrator appointed by the Chief Project Manager(CCTV) in charge of the work or if there be no Chief Engineer, The Pr. Chief Engineer, RSCMFL If the arbitrator so appointed is unable or unwilling to act or resign his appointment or vacates his office due to any reason whatsoever, another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with notice for appointment of arbitrator and giving reference to the rejection by the Chief Project Manager(CCTV)of the appeal.

It is a term of contract that each party invoking arbitration must exhaust the aforesaid mechanism of settlement of claims/ disputes prior to invoking arbitration. Provided that no party shall be represented before the Dispute Redressal Committee by an advocate/ legal counsel etc.

5.10 CANCELLATION OF CONTRACT AND COMPENSATION

Department on behalf of RAJFED reserves the right to cancel the contract and recover expenditure incurred by department on the following circumstances:

- a) The Vendor commits a breach of any of the terms and conditions of the contract.
- b) The Vendor goes into liquidation voluntarily or otherwise.
- c) The progress regarding execution of the contract, made by the Vendor is found to be unsatisfactory.
- d) After the award of the contract, if the Vendor does not perform satisfactorily or delays execution of the contract, department reserves the right to get the balance contract executed by OEM another party of its choice by giving one months notice for the same. In this event, the Vendor is bound to bear the additional expenditure, which department may have to incur to carry out bidding process for the execution of the balance of the contract. This clause is applicable, if for any reason, the contract is cancelled.
- e) RAJFED reserves the right to recover any dues payable by the Vendor from any amount outstanding to the credit of the Vendor, including the pending bills and/or the amount of security deposit, if any, under this contract or any other contract/order.
- f) Department shall be entitled and it shall be lawful on Vendors part to forfeit the amount of Security deposit/performance guarantee in whole or in part in the event of any default, failure or neglect on part of the vendor in fulfillment or performance of the contract under reference in all respects satisfaction of Client. department shall be entitled to deduct from the amount of Security deposit any loss or damage which department may suffer or be put by any reason of or due to any act or other default recoverable by department from the contract. The losses recoverable by department from the Security deposit shall include all losses incurred by department during the period of

engagement on account of failure of Vendor to carry out responsibilities or delay in doing so by the vendor as per stipulations of the contract.

- g) The Security deposit will be returned to the vendor without any interest on performance and completion of the warranty i.e. after three years of completion of installation.

5.11 NO LEGAL RELATIONSHIP

No binding legal relationship will exist between any of the Recipients / Respondents and department until execution of a contractual agreement.

5.12 APPLICABLE LAWS

This contract shall be interpreted, construed and governed by the laws of the Republic of India and the parties hereby submit to the exclusive jurisdiction of the Court at Jaipur and to all Courts at Jaipur having jurisdiction in appeal there from.

Any dispute in relation to the contract shall be submitted to the appropriate Court of the Republic of India for determination. The parties to the contract shall continue to fulfill their respective obligations under the contract during the currency of the contract pending the final decision of the Court.

5.13 GENERAL LIEN

Whenever under this contract any sum of money is recoverable from and payable by the Supplier, the Company shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the vendor, if a security is taken from The vendor. In the event of the Security being insufficient or if no security has been taken from the vendor, the balance or the total sum recoverable, as may be, shall be deducted from any sum due to the vendor or which at any time thereafter may become due to the vendor under this or any other contract with the Company. Should this sum be not sufficient to cover the full amount recoverable, the vendor shall pay to the Company on demand the remaining balance due.

5.14 FORCE MAJEURE

If any time, during the continuance of this contract, the performance in whole or in part by either party under obligation as per this contract is prevented or delayed by reasons of any war or hostility, act of the public enemy, civil commotion, sabotage, fire, flood, explosion, epidemic, quarantine restrictions, strike, lockout or acts of God (hereinafter referred to "eventuality"), provided notice of happening of any such eventuality is given by either party to the other within 21 days of the date of occurrence thereof, neither party shall be reason of such an "eventuality" be entitled to terminate this contract nor shall either party have any claim or damages against the other in respect of such non-performance or delay in performance and deliveries

under the contract. The contract shall be resumed as soon as practicable after such “eventuality” has come to an end or ceased to exist. In case of any dispute, the decision of Chief Project Manager, PWD shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such eventuality for a period exceeding 60 days, either party may at its option, terminate the contract. Provided also that if the contract is terminated under this clause the Purchaser shall be at liberty to take over from the vendor at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and other stores in the course of manufacture which may be in the possession of the vendor at the time of such termination, or such portion thereof as the Purchaser may deem fit except such material, as the vendor may, with the concurrence of the Purchaser, elect to retain.

5.15 TERMINATION FOR INSOLVENCY

The Department may at any time terminate the Contract by giving written notice to the vendor, without compensation to the vendor if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the department.

5.16 CORRUPT OR FRAUDULENT PRACTICES

The Purchaser requires that the Bidders under this tender should observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser defines the terms set forth as follows:

- 5.16.1 “Corrupt Practice” means the offering, giving, receiving or soliciting of Anything of value to influence the action of the public official in the award of the RC, procurement process or in contract execution;
- 5.16.2 In the event of corrupt practice and fraudulence in addition to penal action as per the terms and conditions of the contract, legal action shall also be initiated against the concerned.
- 5.16.3 “Fraudulent practice” means a misrepresentation of facts in order to influence award of contract or a procurement process or a execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of the free and open competition;
- 5.16.4 The Purchaser will suspend the award of contract if prima-facie it is established that the vendor had engaged in corrupt or fraudulent practices in competing for the contract in question.
- 5.16.5 The Purchaser will declare a Bidder ineligible after giving opportunity of being heard, either indefinitely or for a stated period of time, to be awarded a contract if at any time it is found that the Bidder has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

- 5.16.6 If it is found at any stage that the camera provided by the bidder/ OEM is having any type of embedded software or any other feature by which the recording of the camera can be passed on unauthorizedly to anti national agency or anti national group, then such bidder and OEM will be black listed in India, will be barred for participation in any tender in future and Department shall also initiate legal action against the bidder/ OEM as per the law of land.
- 5.17.0 **Fall clause** :- If the rate contract holder reduces its price or sells or even offers to sell the rate contracted goods or services following conditions of sale similar to those of the rate contract, at a price lower than the rate contract price, to any person or organization during the currency of the rate contract, the rate contract price will be automatically reduced with effect from that date for all the subsequent supplies under the rate contract and the rate contract amended accordingly.
- 5.18.0 The proposed OEM shall certify to the department that it will be binding on him to follow the applicable E-waste rules/guidelines of Government of India and GNCTD.

SPECIAL TERMS & CONDITION OF EMPANELLEMENT

1. The company/organization Empanelled with department shall be called as Service Provider.
2. Period of Empanelment: The empanelment of the service providers will be for a period of one year from the date of issuance of letter of empanelment after which the empanelment may be renewed on request of the service providers, based on their performance on the job awards/ job orders during their empanelment period
3. The jobs requirements received by the department will be allotted among Empanelled Service providers in the following manner:-
 - a. On receipt of job requirement by department from the Client, department shall study the client's requirement in consultation with the client Department and will prepare scope of work and estimated cost of the project.
4. Work allocation shall be as per para 3.2.4.
5. In case of small repetitive and quantifiable jobs, department may determine the value of the work in advance through a "Committee" formed for this purpose, based on which job may be allocated to the Empanelled Service Providers.
6. If an Agreement/ MOU is required to be signed by the department with the client department for execution of the Job order, an Agreement/ MOU with similar clauses shall have to be signed by the concerned Empanelled Service Provider with department on back to back basis for smooth execution of the order.
7. It shall be the responsibility of the Service Provider for the implementation and execution of the project in which active or passive items are also required in it. In case, the Service Provider was asked by department only then they shall procure the required active or passive components from the OEM with warranty support from them. The Service Provider shall submit an undertaking that they shall be deploying the required personnel /representative (with list of personnel with their telephone numbers that may be given to the client department) to be deployed/posted at the locations required in the project/required by the client department for smooth services during implementation and warranty period.
8. The empanelment as Service Provider shall also be guided by the terms and conditions given in the Tender document of department & Client.
9. BIDs response will be screened for requirements, experience and qualifications. Department may carry out physical inspection/ verification of the information given by the Agencies/ Service providers infrastructure setup. The Service Providers will be selected on the basis of their existing experience, personnel availability, technical competence, financial capabilities and experience.
10. Any Pre-conditions of the service provider submitted with the BID, shall not be binding on committee.

11. The committee reserves the right to inspect the site of the service provider at any time and if the infrastructure is not found adequate as per this BID document requirements, the empanelment of the service provider will be cancelled and the amount of Security deposit in whole or in part in the event of any default, failure or neglect on part of the vendor will be forfeited
12. If the service provider hides some information or gives wrong information or is found misrepresenting, empanelment of that Service Provider shall be cancelled and department would not be under any obligation to give any clarification or damages. Further, the amount of Security deposit in whole or in part in the event of any default, failure or neglect on part of the vendor will be forfeited
13. The service provider shall have to be careful, diligent and show workman like manner in conformity with the accepted standard practices as per industry norms.
14. If a Service Provider is found to obtain jobs/services by means of using fraudulent techniques then their empanelment shall be cancelled and punitive actions may be initiated against them
15. Process of empanelment: The empanelment shall be done as per eligibility criteria of the service provider, after scrutiny of the documents supplied by the service provider as per requested information in this BID.
16. During BID evaluation process, committee may at its discretion, seek clarifications and additional documents from the service provider on their BID and the service provider are required to respond within the time frame prescribed by committee.
17. BIDs from a consortium of agencies are not acceptable.
18. The empanelment of applicants does not guarantee of supply/ work orders.
19. The performance of the service provider will also be reviewed periodically and those service providers who do not perform satisfactorily can be deregistered after giving an opportunity of being heard.
20. **Cancellation of Empanelment** The Empanelment/ Rate Contract of the selected firm shall be suspended / cancelled forthwith by the department without issuing notice on any of the following circumstances/reasons :
 - a. It is found that the information furnished in their bid/proposal for empanelment is false.
 - b. In case of poor performance such as abandoning of work, not properly completing the work, delay in completion of work, poor quality of work, financial failure/weakness etc.
 - c. In case canvassing in any form is resorted to by the firm.
 - d. If the applicant made misleading or false representation or deliberately suppressed the information in the application form and documents etc. or resorts to unfair methods in creating circumstances for the acceptance of his bid.

- e. In case the firm is blacklisted and declared ineligible for reasons of corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body during the Empanelled period of service provider
 - f. On finding deviation in technical specification as given in Supply Order, in the supplied product, or
 - g. Violation of any condition of the tender/ contract or part of any condition of the tender contract of RC, or
 - h. Deviation found in quality of the product supplied, or
 - i. On finding software supplied with hardware as pirated, or
 - j. If it is found that during the process of award of contract, fraudulence was made by the bidder or the vendor if found to resort to the fraudulent practice in getting supply order like offering any kind of incentive.
- 21.** As stopping the supply of faulty/substandard product and taking appropriate action in this regard is of an urgent and emergent nature required to protect the interest of the department, the Rate Contract of the concerned will be first suspended without issuing any notice. However, before taking the final decision on the matter, all concerned will be given reasonable opportunities to explain their stand. After enquiry, if the vendor is found guilty, the Rate Contract of the concerned vendor for the product in question will be cancelled and other appropriate legal action shall also be initiated against all concerned.
- 22. Patent Rights of the Goods:** The Empanelled vendor shall indemnify the department & its client against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the goods or any part thereof in India.
- 23. Third Party Claims:** Empanelled vendor (the "Indemnifying Party") undertakes to indemnify the client (the "Indemnified Party") from and against all losses, claims or damages including losses, claims or damages on account of bodily injury, death or damage to tangible.
- 24. Limitation of Liability:** There shall be no limitation of liability in case of any damages for bodily injury (including death) and damage to real property and tangible personal property as also intangible personal property and intellectual property rights.
- 25. Data Protection:**
- a. In the course of providing the Services the Empanelled vendor may be compiling, processing and storing proprietary Project Data relating to the users. The Empanelled vendor and each user are responsible for complying with its respective obligations under the applicable data protection laws and regulations governing the Project Data.
 - b. The Empanelled vendor is required to perform or adhere to only those security measures concerning the Project Data which were in place.

- c. The Empanelled vendor shall not transfer any Project Data unless otherwise authorized by the client in this regard.

26. Confidentiality:

- a. All such information which is marked as confidential shall be treated as confidential information.
- b. The client may permit the Empanelled vendor to come into possession of confidential public records as per the needs of the project and the Empanelled vendor shall maintain the highest level of secrecy, confidentiality and privacy with regard there to. Additionally, the Empanelled vendor shall keep confidential, all the details and information with regard to the Project, including systems, facilities, operations, management and maintenance of the systems/ facilities.
- c. The client shall retain all rights to prevent, stop and if required take the necessary punitive action against the Empanelled vendor regarding any forbidden disclosure, which punitive action may include at the discretion of the client termination of empanelment.
- d. The Empanelled vendor shall ensure that all its employees execute individual non-disclosure agreements, which have been duly approved by the client with respect to given job/project.
- e. The aforesaid provisions shall not apply to any information
 - i. already in the public domain
 - ii. which has been received from a third party who had the right to disclose the aforesaid information
 - iii. Is disclosed to the public due to a court order.

27. Personnel:

- a.** Personnel assigned by Empanelled Vendor to perform the Services shall be employees of Empanelled service provider, and under no circumstances will such personnel be considered employees of client/ department. Empanelled service provider shall have the sole responsibility for supervision and control of its personnel and for payment of such personnel's entire compensation, including salary, worker's compensation, employee and disability benefits and shall be responsible for all employer obligations under all applicable laws including obligations for withholding tax under the Income Tax Act and other social security taxes under the relevant laws.
- b.** Empanelled Vendor shall use its best efforts to ensure availability of Empanelled vendor personnel to perform the Services, and that such personnel have prescribed qualifications to perform the Services. The client shall have the right to require the removal or replacement of any Empanelled vendor personnel performing work under this empanelment. In the event that the Client requests that any Empanelled vendor personnel be replaced, the substitution of such personnel shall be accomplished within a period of 3 working days.
- c.** In the event the client identifies any personnel of Empanelled vendor as "Key Personnel", then the Empanelled vendor shall not remove such personnel without the prior written consent of the client/department.

28. Termination for Default:

- a.** The department may without prejudice to any other remedy for breach of contract, (including forfeiture of Performance Security) by written notice of default sent to the supplier/empanelled service provider, terminate the Contract in whole or in part after sending a notice to the Supplier/empanelled service provider in this regard.
 - b.** If the Supplier/empanelled service provider fails to deliver any or all of the goods within the time period(s) specified in the Contract, or any extension thereof granted by the or
 - c.** If the Supplier/empanelled service provider fails to perform any other obligation under the Contract.
29. In the event the department terminates the Contract in whole or in part, department may procure, upon such terms in such manner, as it deems appropriate, goods and services similar to those undelivered, and the Supplier/Empanelled service provider shall be liable to pay excess cost of such similar goods and services to the department. This liability will be in addition to forfeiture of performance guarantee and any other legal proceedings, which the department may initiate as per rules.

- 30.** The OEM and/or SI shall provide the SDK/API of their camera and technical support to department as and when demanded by the department in order to integrate health data with health 3rd party monitoring software failure to do so will be considered as breach of contract on the part of OEM /SI and OEM /SI shall be liable for action.
- 31.** The OEM should have cloud for plug & play remote viewing; the Cloud must be hosted in INDIA for protection of public privacy and related data from security threats
- 32.** MAC address of the device must be in the name of OEM.

33. Completion of Work

The Work shall be treated as completed after the completion of Three Year period from the installation date. However the provisional completion certificate will be issued by the department to the vendor against satisfactory installation, testing and commissioning of the complete CCTV system at site and handing over to the Department.

34. Final Bill

The Final Bill for the work order shall be recorded after the completion of supplementary agreement drawn as above. The Provisional Final bill shall be paid after provisional completion certificate issued by the department.

SECTION -6

ANNEXURES-1

Annexure 1: Capability Statement

S.No.	Description	Details
1	Product / Services/ System/ Solution for which registration applied for	
2	Name & address of the Company / Organization	
3	Registration No. of Company / Organization	
4	Date of incorporation of Company / Organization	
5	Year of Establishment	
6	PAN No. of Company	
7	TAN Number of Company	
8	GST Registration No & Date	
9	Telephone Nos	
10	E-Mails	
11	Website Address	
12	Type of Organization	
13	Employees' State Insurance Corporation (ESIC) Registration No.	
14	Employees' Provident Fund (EPF) Registration No.	
15	Registration with NSIC/DGS&D/ Industries/ others (if any) details	
16	Details of Security Deposit/ Registration Fee	
17	Particulars of Managing Director/ CEO/ Proprietor/ Managing Partner	
18	Particulars of Contact Person	
19	Location of Offices in Delhi and Other Parts of India	
20	Annual Turnover of the Company/ Organization for last three financial years	
20.1	2014-15	
20.2	2015-16	
20.3	2016-17	
21	Details of quality certifications of the organization (Please specify)	

I/We hereby certify that the information furnished above is full and correct to the best of our knowledge. I/We understand that in case found any deviation in the above statement at any stage, our company can be black-listed and will not have any deal with the _____ in future.

Date:-

Signature, name and designation of authorized signatory

Annexure 3

(On Applicant Letter head)

Ref. No :- _____/

Dated:-

DECLARATION

1. We confirm that we will abide by all the terms and conditions contained in the BID.
2. We hereby unconditionally accept that department can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the BID, in short listing of Company.
3. All the details mentioned by us are true and correct and if department observes any misrepresentation of facts on any matter at any stage, department has the absolute right to reject the proposal and disqualify us from the selection process.
4. We confirm that this response, for the purpose of short-listing, is valid for a period of 90 days, from the date of expiry of the last date for submission of response to BID.
5. We confirm that we have noted the contents of the Tender and have ensured that there is no deviation in filing our response to the BID and that the department will have the right to disqualify us in case of any such deviations.

Place:

Date:

Seal & Signature of the Bidder

Annexure 4
Letter for Submission of tender

To

Dated -----, 2018.

Ref: Rate Contract for Supply and Installation of Closed Circuit Television System (CCTV) against tender No 01 BID(Recall)/CCTV/2018-19 ___ dated _____ due for opening on _____

Dear Sir,

Having examined the tender document relating to the Rate Contract for Supply and Installation of Closed Circuit Television System(CCTV) as detailed in your tender, Conditions and scope of supply, Specifications etc., and having understood the provisions and requirements relating to the supply and all other factors governing the tender, We hereby submit our offer for the supply of the proposed items in accordance with terms and conditions and confirm our acceptance to execute the order within the time period specified in the tender document, at the rates quoted by us in the accompanying Technical & commercial Bid.

If, after the tender document is accepted, we fail to complete the supply of the items as per the order. We agree that, M/s. RAJFED shall have full authority to forfeit the earnest money and cancel our order with no obligation on their part.

We confirm having deposited earnest money of Rs.7,00,000/- (Rupees Seven Lakhs only) by Demand Draft No.....dated drawn on.....Bank Branch attached here to, and general information required are as per annexure attached.

We further confirm that –

- i. We have successfully executed orders of similar nature and we have sufficient experience and financial strength in handling orders of this value.
- ii. We have sufficient qualified manpower and necessary materials and after sales support to execute the order efficiently in the specified time schedule.
- iii. The quoted rates shall be valid till the completion of the empanelment but not less than 365 days.
- iv. We further confirm that all chapters of the tender documents have been read, understood and signed and there is no deviation/discrepancy

Signature of the Bidder

With stamp and date

Annexure 5

Financial Information

Please provide Chartered Accountant certified financial information of three last declared financial years.

Year	2014-15	2015-16	2016-17
Annual Turnover			
Profit / Loss.			

Note: -Please attach copies of relevant financial statements and audited accounts for the three last declared financial years

Annexure 6

NOTARISED AFFIDAVIT (On Non Judicial Stamp Paper of Rupees One Hundred only)

I, Aged aboutyears, Son of Sri....., Resident of....., the Deponent, do hereby solemnly affirm and state on oath as under:-

1 That the Deponent is the authorized representative of M/s(Name and address of Company/Organization) and holding the position of..... in the above Company/Organization. Deponent is duly authorized to sign and swear this Affidavit on behalf of M/s.....

2 That the above Company/Organization has applied and submitted documents etc for Selection of CCTV SITC vendors with _____, Jaipur in response of Tender Notice for Selection of CCTV SITC vendors bearing Ref No: _____ for areas/fields given in this tender.

3 That the Deponent declares that above named Company/Organization /their Associated Company/Firm/Society was Blacklisted (Give name of Company/Organization) by..... (Name of Department of State / Central Govt./Public/ Private Limited Company / Firm/ Society/ Any other Service provider (please specify the name of Service provider)

(If not Blacklisted, "NIL" information may be filled-in, otherwise furnish the detail)

4 That the Deponent declares that above named Company/Organization / their Associated Company/Firm/Society and/or any or all of their Directors/ Partners/Promoters tried or under trial by the Court / Govt. Investigating Agencies

(Give the details with Name of Company / Firm / / their Associated Company/Firm/ Society)

(If no enquiry is pending or contemplated, "NIL" information may be filled in)

5 That the Deponent declares that the Police/Vigilance/CBI enquiry is pending against above named Company/Firm/Society/their Associated Company/Firm/Society and/or any or all of their Directors/ Partners/Promoters, is being conducted by the following Department of State/Central Government:-

VERIFICATION

Deponent above named do hereby verifies that the contents of Paragraphs 1 to 5 of this Affidavit are true and correct to the best of my knowledge. No part of it is false and nothing material information is concealed there from. So help me God. Verified on

Day of..... (Month and Year) at (Name of place).

DEPONENT

Date:

Place:

Annexure 7

Power of Attorney(Format)

(On Stamp paper of relevant value)

Know all men by the present, we _____ (name of the company and address of the registered office) do hereby appoint and authorize Mr. _____ (full name and residential address) who is presently employed with us holding the position of _____ as our attorney, to do in our name and on our behalf, deed and things necessary in connection with or incidental to our proposal in response to the BID by _____, including signing and submission of all the documents and providing information/responses to _____ in all the matter in connection with our bid.

We hereby agree to ratify all deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all deeds and things done by our aforesaid attorney shall always be deemed to have been done by us.

Dated this _____ day of _____ 2018.

For _____.

(Signature)

(Name Designation and Address)

Accepted

Signature)

(Name Designation)

Date:

Business Address:

Annexure 8

SELF-DECLARATION – NO BLACKLISTING

To

In response to this BID document pertaining to empanelment for CCTV work, I/ We hereby declare that presently our Company/firm _____ is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body.

We further declare that presently our Company/ firm _____ is not blacklisted and not declared ineligible for reasons other than corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body on the date of Bid Submission.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the empanelment if any to the extent accepted may be cancelled.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place

Annexure 9

STATEMENT OF CHECKLIST

The bidder is required to include scanned copies of following documents in their e-bids that are mandatorily to be uploaded by them on e-procurement website on or before due date /time.

Sr. No	Documents Required	Submitted (Yes/No)
A	Scanned Copy of EMD and receipt of deposit of EMD as per Annexure-13	
B	Eligibility Documents	
(i)	Capability Statement as per Annexure-1	
(ii)	Certificate Of Company Incorporation/Firm Registration	
(iii)	PAN/ TAN number of the company	
(iv)	Self-declaration-Blacklisting as per Annexure-8	
	(On Applicant Letter head)	
(v)	Financial Information as per Annexure 5 along with Company's Balance Sheet and P/L Account for the preceding three financial years	
(vi)	Copies of certifications	
(vii)	Statement of Experience as per Annexure-12 along with copies of work order, completion certificates. etc.	
(viii)	Support and service centre back up of OEM, Signed copy of BID in token of acceptance of Terms and Conditions of BID	
(ix)	Copy of registration in GST/Acknowledgement of applied for GST	
(x)	Notarized Affidavits as per Annexure-6 (original) Power of Attorney as per Annexure- 7 (original)	
(xi)	Signed Terms and Conditions of Empanelment BID	
(xii)	Signed Declaration as per Annexure-3	
(xiii)	Bank solvency as per annexure-11	
(xiv)	Letter for submission of tender annexure 4	
(xv)	Format of undertaking to be given on letter head (affidavit cum undertaking) annexure 10	
XVI	Receipt of deposition of original EMD Annexure 13	
XVII	Technical Bid Documents	

C	Technical compliance sheet of various equipments as per BID		
(i)	Copies of certifications		
(ii)			
	Signed copy of Technical Bid Documents		
(ii)			
	Price Bid		

Signature, name and designation of authorized signatory

Annexure-10

FORMAT OF UNDERTAKING TO BE GIVEN ON LETTER HEAD

Affidavit – Cum - Undertaking

Name of Work:-SELECTION OF FIRM FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING & CAMC OF CCTV SYSTEM IN RAJASTHAN

Reference Number: 01(Recall)/RC/CCTV/2018-19

With reference to above tender, we, the OEM of make of CCTV camera solemnly undertake as follows:-

- a) We, the OEM authorize, M/s as our system integrator (SI) to quote our product.
- b) We, the OEM shall unconditionally support M/s technically throughout the execution of contract as well as for maintenance / comprehensive maintenance contract for the useful life of the system, and
- c) We, the OEM shall provide all the spares required for healthy functioning of the equipment for at least 7 years from the date of supply of equipment.
- d) We, the OEM, hereby confirm that the Product quoted are not end-of-life for further period of 7 years“.
- e) We, the OEM hereby confirm that we shall enter into agreement/MOU (be drawn on Indian stamp paper of Rs 100/-) with System Integrator to support the project for the contract period (i/c warranty and AMC period). If System Integrator fails to complete the work or carryout warranty or AMC then the we shall be bound to complete remaining work at the same terms and conditions.
- f) We, the OEM is here by undertake that our camera, NVR etc does not have any type of embedded software or any other feature by which the recording of the camera can be passed on unauthorizedly to anti national agency or anti national group.

Signature of OEM
With seal

Signature of Bidder /SI

Name of Bidder/SI:-

Annexure-11

FORM OF BANKERS CERTIFICATE FORM A SCHEDULED BANK

This is to certify that to the best of knowledge and information that Mrs./ Sh..... Having marginally noted address a customer of our bank are/ is respectable and can be treated as good for any engagement upto a limit of Rs..... (Rupees.....).

This certificate is issued without any guarantee of responsibility on the bank or any of the officers.

(Signature)

For the Bank

Date: -----

NOTE (1) Bankers certificate should be on letter head of the Bank sealed in over addressed to tendering authority.

(2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

Annexure-13

Receipt of deposition of original EMD			
Receipt of deposition of original EMD			
(Receipt No...../ Date.....)			
1.	Name of work	:	SELECTION OF FIRM FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING & CAMC OF CCTV SYSTEM IN RAJASTHAN
2.	BID No.	:	Rajfed/HRD/2018-19/2088 dt.24.08.2018
3.	Amount of Earnest Money deposit	:	Rs. 7,00,000/- (Rupees Seven Lakhs Only)
4.	Last date of submission of bid	:	26-09-2018 Up to 03:00 p.m.

1. Name of contractor: _____
2. Form of EMD: _____
3. Amount of Earnest Money Deposit: _____
4. Date of submission of EMD: _____

Signature, Name and Designation of
EMD receiving officer along with office stamp.

SECTION 7

TECHNICAL BID – TECHNICAL SPECIFICATIONS

Name of Work: SELECTION OF FIRM FOR SUPPLY,INSTALLATION,TESTING, COMMISSIONING & CAMC OF CCTV SYSTEM IN RAJASTHAN

Sr. No	Description	Specifications	Compliance Yes/ No	Remarks
1	Sub-head A : (Supply)			
1	4MP IP IR Bullet			
	Make			
	Model			
1	Type of Camera	Bullet		
2	Image Sensor	1/2.8" or 1/3" progressive Scan CMOS		
3	Signal System	PAL/NTSC		
4	Resolution & frame rate	2560(H)x1440(V), 25Fps (2560x1440)		
5	Minimum Illumination	0.01Lux@ F1.2, AGC ON,, 0 lux with IR, (Wide, 50IRE, 5600K with 80% reflection ratio, AGC on) or better		
6	Imaging	1/3s to 1/100000s, Auto Gain Control , White Balance- Auto (2000K to 10000K), Back Light Compensation, Multi zone Privacy Masking, HLC, Digital defog		
7	Signal to Noise Ratio	50 dB or more		
8	Auto Iris	DC Drive		
9	Lens Type	4 MP IR 6/8/12 MM fixed Lens		
10	Focus	Fixed		
11	Day & Night	True Day & Night High Performance Mechanical IR cut filter with auto switch, IR Source- Inbuilt Smart IR LED's with effective distance 50 Mtr or better		
12	IR Life	40000 Hours		
13	Video Compression (Minimum)	H.265		
14	Video Bit Rate	32KBPS- 8 MBPS or better		
15	Wide Dynamic Range	WDR (100db or more)		
16	Digital Noise Reduction	DNR (2D+3D) On/Off		
17	Streaming	Dual		
18	Heartbeat Image	Camera should support hourly heartbeat image on ftp server.		
19	Image Setting	Rotate Mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser		
20	Profile Management	User configuration import, export		
21	Onboard Storage	Camera should support built in Micro SD/SDHC/SDXC Card slot and should be supplied with class 10 Micro		

		SD/SDHC/SDXC Card of 64 GB or better.		
22	Recording Management	Format SD, overwrite, storage management, video to NAS device, remote archive access via FTP login		
23	Alarm Trigger	Motion detection, Camera Tampering alarm, IP address conflict, storage full, storage error.		
Network Compatibility				
24	Network Protocol	TCP/IP/ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, Upnp, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4		
25	User Access	5 User Simultaneously or more		
26	System Capability	Onvif		
27	VMS(ONVIFcompliant)	Camera shall support open source VMS. Software supplied should support the De-Coupled mode of operation which means that the even in case of failure of central server, the camera recording should not be impacted. The VMS software and cameras may or may not be from the same OEM but the VMS OEM shall ensure seamless integration of both and smooth functioning of the system.		
28	Ethernet	IEEE 802.1X, 1RJ 45 10/100 Ethernet port		
29	Power Input	Standard DC Jack		
30	Power Requirement	12VDC +- 10%		
31	Power Consumption	Max 9 W		
32	Enclosure	IP66 weather proof, IK10, Metallic body		
33	Operating Condition	-10°C to 60°C, humidity 95% (max) (non-condensing)		
34	Standards	CE, FCC, RoHS, UL/EN/IS Certified		
35		Cage for camera protection from monkey etc.		
Sr. No	Description	Specifications	Compliance Yes/ No	Remarks
2	4MP IP IR Dome			
	Make			
	Model			
1	Type of Camera	Dome		
2	Image Sensor	1/2.8" or 1/3" progressive Scan CMOS		
3	Signal System	PAL/NTSC		
4	Resolution & frame rate	2560(H)x1440(V), 25Fps (2560x1440)		
5	Minimum Illumination	0.01Lux@ F1.2, AGC ON,, 0 lux with IR, (Wide, 50IRE, 5600K with 80% reflection ratio, AGC on) or better		

6	Imaging	1/3s to 1/100000s, Auto Gain Control , White Balance- Auto (2000K to 10000K), Back Light Compensation, Multi zone Privacy Masking, HLC, Digital defog		
7	Signal to Noise Ratio	50 dB or more		
8	Auto Iris	DC Drive		
9	Lens Type	4 MP IR 3.6 MM fixed Lens		
10	Focus	Fixed		
11	Day & Night	True Day & Night High Performance Mechanical IR cut filter with auto switch, IR Source- Inbuilt Smart IR LED's with effective distance 30 Mtr or better		
12	IR Life	40000 Hours		
13	Video Compression (Minimum)	H.265		
14	Video Bit Rate	32KBPS- 8 MBPS or better		
15	Wide Dynamic Range	WDR (100db or more)		
16	Digital Noise Reduction	DNR (2D+3D) On/Off		
17	Streaming	Dual		
18	Heartbeat Image	Camera should support hourly heartbeat image on ftp server.		
19	Image Setting	Rotate Mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser		
20	Profile Management	User configuration import, export		
21	Onboard Storage	Camera should support built in Micro SD/SDHC/SDXC Card slot and should be supplied with class 10 Micro SD/SDHC/SDXC Card of 64 GB or better.		
22	Recording Management	Format SD, overwrite, storage management, video to NAS device, remote archive access via FTP login		
23	Alarm Trigger	Motion detection, Camera Tampering alarm, IP address conflict, storage full, storage error.		
Network Compatibility				
24	Network Protocol	TCP/IP/ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, Upnp, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4		
25	User Access	5 User Simultaneously or more		
26	System Capability	Onvif		
27	VMS(ONVIFcompliant)	Camera shall support open source VMS. Software supplied should support the De-Coupled mode of operation which means that the even in case of failure of central server, the camera recording should not be impacted. The VMS software and cameras may or may not be from the same OEM but the VMS OEM shall ensure seamless integration of both and smooth functioning of the system.		
28	Ethernet	IEEE 802.1X, 1RJ 45 10/100 Ethernet		

		port		
29	Power Input	Standard DC Jack		
30	Power Requirement	12VDC +- 10%		
31	Power Consumption	Max 9 W		
32	Enclosure	IP66 weather proof, IK10, Metallic body		
33	Operating Condition	-10°C to 60°C, humidity 95% (max) (non-condensing)		
34	Standards	CE, FCC, RoHS, UL/EN/IS Certified		
Sr. No	Description	Specifications	Compliance Yes/ No	Remarks
3	4 Channel PoE Network Video Recorder (NVR):			
	Make			
	Model			
1	Network Video Recorder shall provide a live view, storage and playback of minimum 4 IP camera or more and must be ONVIF with minimum support of 40 Mbps incoming Bandwidth			
2	NVR should support H.265, H.264, MJPEG support			
3	It should have 1/4 channel display mode			
4	It should have 100 fps @ 4 MP			
5	Must support Resolution: 1920×1080, 1280×1024, 1280×720, 1024×768			
6	Must support recording resolution upto 6MP			
7	Must support Continuous, Alarm, Motion, Instant, Panic Recording Mode			
8	Must support two way audio			
9	When alarm recording is enabled and an event occurs, you can click the alarm icon on monitoring page to view the alert details. The snapshot function is supported on monitoring and playback page			
10	The Network Video Recorder (NVR) shall be configured to send email whenever a system message is created or an alarm event occurs. The email server shall be a valid SMTP server. Each recipient email address shall be configured to receive any combination of critical, warning, or informational messages or alarm notifications. When an alarm occurs, the email message includes the NVR name, time of alarm and a list of camera that is configured to record upon alarm			
11	It should support Network Support: HTTP, TCP/IP, SMTP, DHCP, DNS, DDNS, FTP, NTP, UPnP, Multi IP Setting. Convert multiple recording files to one avi file.			
12	Intelligent auto power on when power resumes after power outage			
13	Storage	Must have be compatible to connect 1 No. surveillance HDD upto 6 TB		
14	Connectivity Interface :	1x 10/100 Base-T Lan Port with 4x 10/100 Base-T PoE Ports (IEEE802.3at/af) for Camera connectivity and powering through NVR directly.		
15	Backup Interface :	Its should have 1x USB port for backup.		
16		Option for alerts to command centre for power failure, HDD failure, vandalism,		

		tempering, network disconnection and panic.		
17		Mobile app for alerts and viewing		
	NVR Inbuilt Wi-Fi & 4G Features			
18	WiFi Standard	IEEE802.11b, 802.11g, 802.11n		
19	Frequency Range	2.4Ghz - 2.483GHz		
20	Communication Bandwidth support	20/40Mhz		
21	Transmission Range	Outdoor/ Indoor: 50m or better (with clear line of sight)		
22	Security	User Authentication, Water Marking-64/128 bit , WPA/WPA2, WPA-PSK/WPA2-PSK, WPS this feature is of 4G Wi-Fi router if camera is not Wi-Fi enabled.		
23	Mobile Client application	Support Android and iOS App for smart phone and tablet. Bidders may please note that it shall be possible to view the live recording of the cameras within 50 mtr. range on mobile phone without adding any other device or internet connection to the cameras.		
24	Power Backup	Provide Inbuilt UPS of 1 Hr. backup for NVR and 4 Cameras		
25	Connectivity Media	4G SIM Slot with backward compatibility for 3G & 2G(Either in Camera / NVR / Wi-Fi router which will also be used for SMS purpose. Dongle integration is not allowed for SMS purpose).		
26	Connection Support	WPS Connection Support this feature is of 4G Wi-Fi router if camera is not Wi-Fi enabled.		
27	Security	User Authentication, Water Marking-64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS		
28	Communication Bandwidth support	20/40Mhz		
29	Transmission Range	Outdoor/ Indoor: 50m or better (with clear line of sight)		
30	Power Supply :	As per OEM Solution		
31	Operating Condition :	-10°C to 60°C, humidity 95% (max) (non-condensing)		
32	Standards :	CE, FCC, RoHS, UL/EN/IS Certified		
	Outdoor Enclosure (For mounting NVR, 4G Router and UPS etc)			
	Make			
	Model			
1	Enclosure should be from same CCTV OEM or it should be certified by CCTV OEM as an acceptance to use for the NVR inside the offered enclosure. OEM has to give written acceptance that warranty will not be void by using NVR inside the Enclosure for Outdoor purpose.			

2	It should be minimum 6U Outdoor Wall/Pole mount Enclosure/ Rack with dual cooling fans for heat dissipation			
3	It should be Pole Mount, Tower Mount & Wall mount through Suitable arrangement.			
4	It should be Pre-Galvanized Plain Steel Construction			
5	It should have proper Locking arrangement.			
6	Enclosure should be IP55 Certified (Certification Copy required) with suitable arrangement of heat dissipation			
Note :-	1- Contractor has to submit certificate from NABL/NABL accredited LAB for the complete bundled box which includes Outdoor Enclosure with NVR, 4G Router and UPS etc Inside.			
Sr. No	Description	Specifications	Compliance Yes/ No	Remarks
4	Surveillance HDD			
	Make			
	Model			
4.1	Speed	High write Cycle - workloads 7200 RPM		
4.2	DRAM	64MB DDR2 DRAM write caching surveillance algorithms		
4.3	Data Transfer Rate	6Gb/s SATA Transfer rates		
4.4	Cache	64 MB cache		
4.5	Capacity	Storage Capacity : 02 TB		
5	Cat 6 UTP 23 AWG Solid			
5.1	This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801			
5.2	Construction: 4 twisted pairs separated by internal X shaped, 4 channel, polymer spine / full separator. Half shall not be accepted			
5.3	The 4 pair Unshielded Twisted Pair cable shall be UL Listed.			
5.4	Cable should also be tested and verified by ERTL			
5.5	Conductor Solid bare Copper and Jacket FR PVC and UL approved CM rated cable			
5.6	Insulation :High Density Polyethylene			
5.7	Dielectric Strength of cable should be 1.0KV dc			
5.8	Attenuation (< 17 db), Pair – to – pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR.			
5.9	Bending Radius should be < 25.4mm at -20°C ± 1°C and Pulling Force: 11.5 Kg			
5.10	Nominal Outer Diameter of Cable should be 6.1 mm and Conductor Diameter 0.56 mm (23 AWG)			
5.11	Cable should support operating Temperature from -20° to +70°C			
5.12	Cable should come with printed sequential Length Counter on each meter			
5.13	Cable support Conductor Resistance < 9.38 Ω /100m			

5.14	Mutual Capacitance of cable should be < 5.6nF/100m			
5.15	Max Resistance Unbalance of cable should be 5% Max			
5.16	Capacitance Unbalance of cable should max 330pF/100m			
5.17	Cable support Delay Skew: < 45nS, Operating Voltage: 72V and NVP: 69%			
5.18	Category 6 UTP cables shall Supports Gigabit Ethernet (1000 base-T) standard and Operates at bandwidth of 600MHz.			
Sr. No	Description	Specifications	Compliance Yes/ No	Remarks
7	Central Health Check Monitoring Software			
	Make			
	Model			
7.1	Software Architecture	Should have a Client/Server infrastructure and utilize 2 or 3 screen operator layouts. The operator software must be a 'thick-client' application which gets installed on operator terminal, works in sync with Server application and allows robust integrated interface for operators. web server for reporting should support DC-DR functioning		
7.2	Supported Device Type	Should support multiple make of NVR, Network camera, Network Video server, Decoder, DVR etc.		
7.3	Max. Register Device	No Limit. Scalable		
7.4	Live / Recorded Video (on demand)	Should be capable to pull live and/or recorded video feed (on user demand or on alert) from one or more camera devices of multiple make in a single user interface. Should have an option to download/export the video feed centrally (if required).		
7.5	Map Support	It should support online GIS MAPs or JPEG or CAD or PDF for plotting cameras over the MAP. The Camera/alert icon should be highlighted in centre on MAP once any incoming camera alarm is acknowledged by operator or if camera is non functioning.		
7.6	Camera Alert Data	Should capture Camera Tampering alert, SD Card Corrupt signal alert, Power failure alert, Camera non functioning alert.		
7.7	Camera Health Data	Should capture Camera Online/Offline Status, Network/Power Failure Status, Camera recording Status		
7.8	Reporting	Should have web based reporting available in multiple graphical and tabular formats		

7.9	Dynamic IP Update	System should have the 'latest IP of each camera device' updated in database		
7.10	Location Grouping	Zone / Area / Street Grouping of camera devices and reporting available for all or per location group		
7.11	Maintenance Log	The ability to log a fault or maintenance visit, with warnings presented to the operators. Reports to be created to show faulty items of equipment, time taken to fix etc. Automatic emails are generated and distributed to predefined lists.		
7.12	Notification Matrix	Inbuilt SMS, Email & Mobile App Notification module to send camera and NVR health related alerts to concerned people (minimum 5 persons) based on alert like power failure, HDD failure, vandalism, tempering, network disconnection and panic type and alert location.		
7.13	Priority Levels	Priority Levels will be set to equipment notifications, alarm inputs and user levels. The level range must be customisable.		
7.14	Audit Logs	All user activities need to be recorded in audit logs of system for investigation purpose.		
7.15	Penalty monitoring & measuring tools	The software shall be capable to measure and monitor all the parameters as defined under clause 4.27 and shall also be capable to work out the amount of penalties automatically.		
7.16	Bidder need to Quote Health Monitoring Software with required servers, Operating System, Anti-Virus, Licenses & Display monitors for System Health Checking/ functioning of camera System.			
8	Display Panel – 43” LED			
8.1	General	Screen Type : LED		
		Screen Size : 106 CM		
		Display Feature : Full HD		
		Display Resolution : 1920 x 1080		
8.2	Video	Aspect Ratio : 16:09		
		Dynamic Ratio : 5000:1 or higher		
		View Angle : 178 Degrees		
		Refresh Rate : 50 Hz		
8.3	Audio	Speakers : 1 or Higher		
		Sound Output : 10 Watts		
		Sound Technology : Dolby Digital Decoder		
		Additional Audio Features :Optical Sound Sync, Sound Optimizer		
8.4	Connectivity	HDMI Ports : 2		
		USB Ports : 1		
		Composite Video Input : 1		

		Component Video Input : 1		
		Audio Out : 1		
8.5	Playback Format	Video Playback Formats Audio Playback Formats : AVI, MP4, FLV, DAT, MKV, MOV, VOB, ASF Picture Playback Formats : JPEG		
8.6	Power Supply	AC 100 - 240 V, 50/60 Hz		
8.7	Warranty	2 Year		
8.8	Certificate	BIS / ISO 9001:2008		
Sr. No	Description	Specifications	Compliance Yes/ No	Deviation (if any)
9	Video Monitoring Software			
	Make			
	Model			
9.1	Supported Devices	Should support NVR, Network camera, Network Video server, Decoder etc.		
9.2	Max. Register Device	128 Devices		
9.3	Recording	64 Channels for windows		
9.4	Device Management	Auto find, Add, delete, device Group, Reboot, setup		
9.5	Video Source	Local PC, Device itself, PC-NVR		
9.6	Duration	24h for one search		
9.7	Search Type	Certain time, Timing, Motion detection, Alarm		
9.8	Playback Features	Snapshot, E-PTZ, audio, speed 1/8x~8x, synchronization playback		
9.9	Export	Window version : Export as *.dav or *.avi MAC Version : Export as *.dav		
9.10	Alarm Signal Monitoring	Schedule Alarm, Setup actions, operate/memo alarm		
9.11	Alarm Type	External alarm, video loss, Motion detection, Camera masking etc.		
9.12	Video display split	1/4/6/8/9/16/25/36/64 split		
9.13	Live Monitoring	snapshot, record, audio, talk, instant playback, E-PTZ, tour task		
9.14	Number Of Maps	Map group : Unlimited, sub-map, Layout : 64		
9.15	Supports Image	JPEG/BMP		
9.16	Account	User and role management; privileges according to module & device.		
9.17	Log	Client log, remote device log, operation log, System log, alarm log		
9.18	Bidder/ Camera OEM will also provide mobile application for Smartphones which can be used by authorized officials for monitoring purpose.			
10	FTP Server			
10.1	Processor- Core i7 Processor - 4 MB cache, 3.6 GHz 7th generation Intel core tm processor			
10.2	Operating System- Windows 7 or better			
10.3	Should have VMS installed to view Camera			
10.4	Storage Capacity - 1TB			

10.5	Graphic Card : 2 GB Graphics Card to Handle Adequate Camera		
10.6	IPS w/LED Backlight		
10.7	Color Support- Up to 16.7 million colors		
10.8	Input - HDMI/VGA		
10.9	Brightness Minimum 20nits		
11	Floor Standing Rack 42 U		
11.1	Front / Back Glass Door (tinted, Toughened) with Lock & Key		
11.2	Floor Standing 42U with Wheels 42U - 800 x 1000 x 1957 (W*D*H)		
11.3	2 pairs of 19" Mounting Rails with U-Marking		
11.4	Welded Side Walls With Metal Engraved		
11.5	Standard Accessories:		
11.6	6 Socket 5 Amp. Power Distribution Unit (3 No)		
11.7	1U Cable Manager (1), Hardware Packet (3 Pkt)		
11.8	Roof Mounted Fan Unit / 90 CFM /230V AC (2 No)		
11.9	DIN41494		
19	HDPE DUCT (32 MM)		
19.1	Duct Should be lubricated HPDE 32 MM Duct with superior grade of High-Density Polyethylene materials. Should not react with water, Should be Environment Stress Crack Resistance (ESCR) Impact & Crush Resistance, Low Coefficient of Friction, and Temperature Resistance and should have support for lying of OFC.		
20	Digging/ Laying of fiber with Accessories		
20.1	Digging / Laying / Back filling		
20.2	Manual Digging & Backfilling /Trenchless		
20.3	All Culvert and road crossing must be through GI pipes.		
20.4	Including PVC Channel pipe Flexible pipe etc.		
20.5	Prospective Bidders are advised to make site visit to understand the exact scope of work.		
20.6	The vendor shall be responsible for proper quality of desired splicing/ termination. The installation / connectivity and any other work required like power cabling, connectorisation etc.... To make the proper functional shall be sole responsibility of the vendor.		

Annexure 12

STATEMENT OF EXPERIENCE AND COMPETENCE IN RELATED AREAS /FIELD GIVEN IN THE BID

Work completion certificate (issued by officer not below the rank of executive engineer from client department) in the field of CCTV System During last Three years clearly indicating the following :-

1. Name of Work
2. Date of start
3. Date of completion (as per agreement)
4. Actual date of completion
5. Total value of Work Done
6. Performance of work

Furnish copies of satisfactory job completion certificates along with duly signed copies of corresponding work order / award letter /agreement /job orders along with schedule of word/BOQ

Signature, Name and designation of Authorized signatory

BOQ

S.No.	Description of Work	Qty.	Unit	Rate	Amount	Make	Model No.
	SUB HEAD - A (Supply)						
1	Supply of 4MP IP IR Bullet Camera as per specifications i/c all standard accessories. (Honeywell / Panasonic / Bosch / CP-Plus / Pelco)	750	Nos.		-		
2	Supply of 4MP IP IR Dome Camera as per specifications i/c all standard accessories. (Honeywell / Panasonic / Bosch / CP-Plus / Pelco)	250	Nos.				
3	Supply of Outdoor Enclosure (For NVR, 4G Router and UPS etc) as per the specifications fitted with 1x 4 Channel PoE Network Video Recorder (NVR) as per the specifications, 1x 4G Wi-Fi Router Provision for SIM Card as per the specifications, 1x UPS Power Supply (suitable to provide one hour back up for 1 NO. CCTV system comprising 4 No. cameras each of 4 MP IPIR as per RFP specification) as per the specifications etc. (NVR and Camera for samev OEM)	250	Nos.		-		
4	Supply of Surveillance 2 TB Hard Disk Drive as per the specifications	250	Nos.		-		
5	Supply of Cat -6 Armoured cable Shielded Twisted Pair high quality 600 MHz, TIA/EIA and ISO Category 6 as per specifications	30500	Mtr.		-		
6	18.5" LED monitor with HDMI Supported and Wall Mounted Option	250	Nos.		-		
7	SITC Central Health Check Monitoring Software with supported of minimum 1000 Devices	1	Nos.		-		
8	SITC Server with 43" LED Display for Health Check Software for minimum 120 days storage of health check data for total quantity of Cameras.	1	Nos.		-		
9	Video Management Software as per specification	1	Nos.		-		
10	SITC FTP Server with suitable configuration for hourly heartbeat images from Cameras for minimum 7 days storage of heartbeat images for total quantity of Cameras	1	Nos.		-		
11	Supply of Floor Mount Rack 42U as per specifications	1	Nos.		-		
12	Supply of PVC conduit pipe 25mm medium class ISI marked (100 x 250)	25000	Mtr.		-		
13	Supply of PVC conduit pipe 50mm medium class ISI marked (20 x 250)	5000	Mtr.		-		

14	Supply of PVC box with modular plate suitable for 1 No. 5/6 A modular switch and 1 No. 5/6 Ampere modular socket.	250	Nos.	-		
15	Supply of 5/6 A modular switch ISI Mark	250	Nos.	-		
16	Supply of 3 pin 5/6 A modular socket outlet ISI Mark	250	Nos.	-		
17	Supply of 3 pin 5/6 A plug top	250	Nos.	-		
18	Supply of Power Cable 3 Core, Conductor size: 2.5 sq mm, multi strand with standard annealed electrolytic copper conductor suitable for single phase 230V AC supply/ DC supply (20 X 250)	5000	Mtr.	-		
19	Supply of HDPE pipe -32 mm for Underground Cable lying Power as per specifications (40 x 250)	10000	Mtr.	-		
20	Digging & refilling of soft-soil (40 x 250)	10000	Mtrs	-		
21	Supply of RJ 45 connector (20 x 250)	5000	Nos.	-		
2	Sub Head-B (ITC)			-		
2.1	Installation, Testing & Commissioning of 4MP IP IR Bullet / Dome Camera etc as required	1000	Nos.	-		
2.2	Installation, Testing & Commissioning of Out door / Indoor Encloser alongwith all components as per item No.(1.3) of sub head-A (Supply) i/c providing suitable fixing arrangement on pole/ wall/ gate etc as required	250	Nos.	-		
2.3	Installation, Testing & Commissioning of HDD in the existing NVR etc as required	250	Mtr.	-		
2.4	Fixing of Conduit / Flexible etc.. As required	5000	Mtr.	-		
2.4	Laying of all kind of wires/ cables in existing pipe/ on surface / interconnection i/c connections etc as required	35000	Mtr.	-		
2.5	Installation, Testing & Commissioning of RJ 45 connector	1000	Each	-		
2.6	Installation, Testing & Commissioning of Modular PVC box complete with Modular cover plate, Switch, Socket & plug Top i/c connection etc as required.	1	set	-		
2.7	Installation, Testing & Commissioning of Command Centre that includes installation of Server / Rack etc...	1	Job	-		
				Total	-	

Signature, name and designation of authorized signatory