कार्यालय पुलिस अधीक्षक मुख्यालय जिला इंदौर मध्यप्रदेश  
कमांड / पु 391 / मुख्या / यात्रा / इंदौर / 1415 / 19  
:: निर्देश सूचना ::

इंदौर शहर में यातायात एवं सुरक्षा की दृष्टि से स्थापित आई.टी.एम.एस.-1(15 जोड़ों) तथा संबंधित  
समस्त हावड़ा उपकरण / सामग्री को उन कंपनियों को संचालित अथवा प्रस्तुत करने हेतू (मॉडल  
किस्मन 8,38,23,000/- रूपये) के रूपांतरण एवं संचालन के लिए ए.एम.एस. की जाना प्रस्तावित है। ए.एम.  
एस. की समय अवधि (पहले वर्ष, द्वितीय वर्ष एवं तूलना वर्ष) की होगी जिसके अंततः अधिकृत  
निर्माता / प्रदाताओं से ऑन लाइन / सील बंद निर्देश आमंत्रित की जाती है।

<table>
<thead>
<tr>
<th>Item No</th>
<th>Name</th>
<th>Nos.</th>
<th>Tender Fees</th>
<th>EMD Required for Rs (As per Item) in shape of BG/FDR for one year issued by any Nationalized Bank</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.</td>
<td>ITMS-I PROJECT with all Accessories (15 junctions)</td>
<td>One System</td>
<td>1000/- Rs</td>
<td>1,68,000/- Rs</td>
</tr>
</tbody>
</table>

1. निर्देश प्रस्ताव कार्यालय ए.ए.पी. ट्राफिक ए.ए.क. कॉंपाउंड इंदौर में सीलबंद जमा किये जायेंगे।
2. निर्देश कर्ता को निर्देश शुल्क एवं सुरक्षा निर्धारित जमा कराना आवश्यक है।
3. निर्देश प्रस्ताव के अनुसार इंदौर पुलिस अधीक्षक (मुख्यालय) किला इंदौर, पता- रानी सतय भवन, रैपल्स बिल्डिंग हेड में जमा किया जाये, जिसकी कुल रु. 1,68,000.  
4. म.प. पुलिस की वेबसाइट www.mpmpolice.gov.in, www.mpmtenders.gov.in से निर्देश प्रस्ताव एवं  
5. स्थापित अवधि की अंत तक जानकारी की जा सकती है।

6. शेड्यूल-  
1. निर्देश जारी होने की तिथि: दिनांक 16.09.2019 के 11:00 बजे तक।
2. प्री-बीड फॉर्माल तिथि: दिनांक 26.09.2019 के 11:00 बजे तक।
3. डिजिटल निर्देश जमा करने की अंतिम तिथि: 09.10.2019 के 18:00 बजे तक।
4. निर्देश की हार्दिक कार्यों करने की अंतिम तिथि: दिनांक 09.10.2019 के 18:00 बजे तक।
5. निर्देश खोलने का तिथि: दिनांक 10.10.2019 के 12:00 बजे।

स्थान : अतिरिक्त पुलिस अधीक्षक (यातायात) कार्यालय, ए.ए.पी. इंदौर।

(प्रमुख पुलिस अधीक्षक  
मध्यप्रदेश जिला इंदौर)
Tender Document

For

Comprehensive Annual Maintenance & Operations Contract

Of
Intelligent Traffic Management System and CCTV Capable of Generating e-Challan

ITMS PHASE -I (15 LOCATION )

For
Indore City (Red Light Violation Detection System)

(Tender no. S.P./HQ/TRF/IND/ 1714 /19)

Office of Superintendent of Police( Head Quarters),
Indore, Madhya Pradesh - <452007>

Contact Numbers: 7049108481,7049158211 Phone-07312532100, Fax-07312532100,
Email-asptrafficindore@gmail.com
Disclaimer

All information contained in this Request for Proposal (RFP) provided is in the good interest and faith. This is neither an agreement and nor an offer/ invitation to enter into an agreement of any kind with any party.

Though adequate care has been taken in the presentation of this RFP document, the interested bidders shall satisfy themselves that the document is complete in all respects. The information published in this document is not intended to be exhaustive. Interested Bidders are required to make their own enquiries and assumptions wherever required.

Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by this office by the date mentioned in the document, it shall be deemed that the RFP document is complete in all respects and firms submitting their bids are satisfied that the RFP document is complete in all respects.
Contents

1 Fact Sheet............................................................................................................................7
2 Introduction and Background Information.................................................................8
3 Purpose/Objective ..............................................................................................................8
4 Basic Information..............................................................................................................10
   4.1 ITMS software ...........................................................................................................10
   4.2 Connectivity of CCTV Set-up ..................................................................................10
5 Bid process details...........................................................................................................11
   5.1 General Information ...............................................................................................11
   5.2 Due Diligence ...........................................................................................................11
   5.3 Site Visit ..................................................................................................................11
   5.4 Procurement of RFP Document .............................................................................11
   5.5 Cost of Bidding .......................................................................................................11
   5.6 Clarification on Bidding Documents .....................................................................11
   5.7 Pre-bid Conference ...............................................................................................12
   5.8 Amendment of bidding documents .......................................................................12
6 Instructions to bidders .....................................................................................................12
   6.1 Language of Bid .......................................................................................................12
   6.2 Bid prices..................................................................................................................12
      6.2.1 Bid currency ......................................................................................................12
      6.2.2 Prices in Commercial Bid ..............................................................................13
      6.2.3 Fixed Price .......................................................................................................13
      6.2.4 Work order clarification ..................................................................................12
   6.3 Bid Security (Earnest Money Deposit) .................................................................13
      6.3.1 Requirement of Bid Security ..........................................................................13
      6.3.2 Discharge of Security Bid of Unsuccessful Bidder ........................................13
      6.3.3 Discharge of Security Bid of Successful Bidder ............................................13
      6.3.4 Forfeiture of Bid Security ..............................................................................14
7 Bid submission instructions ............................................................................................14
   7.1 Last date and Address for submission ...................................................................14
   7.2 Period of Validity of Bid...........................................................................................14
7.3 Format and Signing of Bid........................................................................................................14
7.4 Rejection of Bid ........................................................................................................................14
7.5 Extension for Last Date for Submission .......................................................................................15
7.6 Late bids ......................................................................................................................................15
8 Bid opening and evaluation Process .............................................................................................15
  8.1 Evaluation of Pre-Qualification Criteria ....................................................................................15
  8.2 Evaluation of Pre-Qualification Criteria ....................................................................................15
  8.3 Pre-Qualification Criteria ........................................................................................................16
9 Financial Proposal ..........................................................................................................................18
  9.1 Opening & Comparison of Financial Bids ................................................................................18
  9.2 Announcement of Financial Bids ...............................................................................................18
  9.3 Evaluation of Financial Bids .....................................................................................................18
  9.4 Rectification of Errors ..............................................................................................................19
  9.5 Department’s right to accept any Bid and reject any or, all Bids ..............................................19
  9.6 Financial proposal forms & formats ..........................................................................................20
10 Overall Evaluation Methodology and Award Criteria .................................................................20
  10.1 Notification of Award (LOI) ..................................................................................................20
  10.2 Signing of Agreement ..............................................................................................................20
  10.3 Discharge of Bid Security ......................................................................................................20
  10.4 Failure to abide by the Agreement ..........................................................................................20
  10.5 Mandatory Site Inspection ....................................................................................................20
11 Payment terms and schedule .......................................................................................................21
  11.1 Performance Bank Guarantee ...............................................................................................21
  11.2 Schedule of Payments ...........................................................................................................21
  11.3 Penalty on account of delay and non-performance .................................................................22
  11.4 Invoicing and settlement .......................................................................................................22
  11.5 Intellectual Property Rights (IPR) .........................................................................................22
12 Scope of work ...............................................................................................................................22
  12.1 Manpower Requirement .......................................................................................................25
13 Performance Standards/SLAs ......................................................................................................26
14 Deliverables .................................................................................................................................27
15 Exit Management / Transition-Out Responsibilities .................................................................27
16 Resolution of Disputes .................................................................27
17 Termination ..................................................................................28
18 Notices ..........................................................................................28
19 Bid Response Annexures .................................................................28
  19.1 Annexure 1: Location wise list of Cameras installed across the city........28
  19.2 Annexure 2: Proposal covering letter ..............................................28
  19.3 Annexure 3: Details of bidder ...........................................................28
  19.4 Annexure 4: Undertaking on no conflict of interest .........................28
  19.5 Annexure 5: Authorization for representation at bid opening ............28
  19.6 Annexure 6: Earnest Money Deposit ..............................................28
  19.7 Annexure 7: Undertaking of not being blacklisted ..............................29
  19.8 Annexure 8: Project experience ......................................................29
  19.9 Annexure 9: Format for Financial Bid ............................................29
  19.10 Annexure 10: BoQ ..................................................................29
## Fact Sheet

<table>
<thead>
<tr>
<th>S.No</th>
<th>Details</th>
<th>Date &amp; Time</th>
<th>Remark (For internal reference)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Date of release of NIT</td>
<td>16/09/2019 11:00AM</td>
<td>To be Downloaded via <a href="http://www.mppolice.gov.in">www.mppolice.gov.in</a> or <a href="http://www.mptenders.gov.in">www.mptenders.gov.in</a></td>
</tr>
<tr>
<td>2.</td>
<td>Last date to purchase / download the NIT</td>
<td>09/10/2019 06:00PM</td>
<td>From portal.</td>
</tr>
<tr>
<td>3.</td>
<td>Last date to submit the Bid Response</td>
<td>09/10/2019 06:00PM</td>
<td>From portal.</td>
</tr>
<tr>
<td>4.</td>
<td>Bid document Fee</td>
<td>Rs. 1000/- (INR)</td>
<td>To be paid online.</td>
</tr>
<tr>
<td>5.</td>
<td>Last date to submit Pre-bid queries through e-mail</td>
<td>24/09/2019 06:00PM</td>
<td><a href="mailto:asptrafficindore@gmail.com">asptrafficindore@gmail.com</a></td>
</tr>
<tr>
<td>6.</td>
<td>Pre-bid conference</td>
<td>&lt;26/09/2019&gt; 11:00AM</td>
<td>Address: ASP traffic east indore office mth compound indore</td>
</tr>
<tr>
<td>7.</td>
<td>Last date for submission of Bids</td>
<td>&lt;09/10/2019&gt; 06:00PM</td>
<td>Online submission.</td>
</tr>
<tr>
<td>8.</td>
<td>Bid Security (EMD)</td>
<td>Rs. 1,68,000 INR</td>
<td>To be submitted in the form of Bank Guarantee (BG)/Fixed Deposit Receipt (FDR) along with the Pre-Qualification in favour of SUPRENTENDENT OF POLICE (HQ) INDORE</td>
</tr>
<tr>
<td>9.</td>
<td>Opening of Pre-Qualification Response</td>
<td>10/10/2019 12:00PM</td>
<td>Online.</td>
</tr>
<tr>
<td>10.</td>
<td>Opening of Commercial Bid</td>
<td>11/10/2019 12:00PM</td>
<td>Online.</td>
</tr>
<tr>
<td>11.</td>
<td>Department</td>
<td>Shri santosh kumar upadhyaya</td>
<td>For all official</td>
</tr>
</tbody>
</table>
Contact Details  
, DSP Traffic  
Email: asptrafficindore@gmail.com  
Phone: 07312532100, 7049108481, 7049158211  
communications with department.

Note: In case of downloaded tender form, the bidder will have to make a payment of Rs 1,000 /- (Rupees One Thousand only) to SP (HQ) Indore in form of Demand draft issued before the last date of tender form in favor of S.P. (HQ) INDORE.

2 Introduction and Background Information

With Objective to provide traffic management and security in city of Indore, Superintendent of Police (HQ) Indore has setup “Intelligent Traffic Management System (ITMS)” consisting of network of CCTV Cameras and related software capable of generating e-Challan (Red Light Violation Detection System, RLVD) spanning across traffic signal locations in city of Indore in year 2014. The ITMS-1 project has been setup on (15 locations) traffic signals.

ITMS (RLVD) consist of IP based RLVD cameras which are used to monitor red light violation on the selected locations. The software solution used in monitoring of RLVD is capable of generating list of violations & challan and maintain data base of the same. A mix of RLVD IP based fixed & ANPR Cameras (Automated Number Plate Reader), are used for this purpose as well as similar monitoring activity required by police department. Both IP based RLVD and ANPR Cameras (Automated Number Plate Reader) work on optical fiber cable base network provided by the department as per feasibility. This network should be zero interruption based communication from the links among control room and cameras installed & spread over various locations in the city as mentioned in the Annexure - 1.

3 Purpose/Objective

The ultimate objective of Intelligent Traffic Management System, CCTV capable of generating e-Challan for Indore city Red Light Violation Detection (RLVD) system is to curb the tendency of people in general to disobey Traffic signal, particularly to minimize the tendency of vehicles to cross the stop line when the signal is RED. This will avoid accidents, and thereby will save human life and preserve the records for future analysis so
that corrective actions are to be taken to curb the tendency of people to commit such offences.

The department or Govt. may seek recording of RLVD/CCTV in any accident or crime related case matter. Therefore, the bidder shall ensure video recording of all the cameras is done regularly without loss and stored. Bidder shall ensure backup of video recordings is stored regularly and available for extraction.
4 Basic Information

Bids are invited for providing Annual Maintenance Contract for operational maintenance of hardware as well as ITMS-I software as per Bill of Material (BOM) given below for a period of 3 years:

<table>
<thead>
<tr>
<th>Sr</th>
<th>Description of Item</th>
<th>Nos.</th>
<th>Project Cost (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ITMS-I PROJECT with all Equipment and Software (15 junction)</td>
<td>One System</td>
<td>8,38,23,000/-</td>
</tr>
</tbody>
</table>

4.1 ITMS software

The Intelligent Traffic Management System (ITMS) consisting of network of CCTV Cameras is having a backbone web-based software which is being used for generating e-Challan (Red Light Violation Detection System, RLVD) spanning across traffic signal locations in city of Indore in year 2014. The web-based software is having the functionality of capturing online videos of CCTVS as well as off-line videos from the places where-in the connectivity issues are there and/or the connectivity’s are under maintenance.

To full-fill the requirement of customized reporting and to fix any bugs occurred during the execution of e-Challan etc., the Software Code & Database Access will be provided to the selected bidder for maintenance purpose.

Also, the selected bidder should have an online ticket generation system for booking / resolving / monitoring of AMC Requests of any equipment.

The technology stack & technical over-view of Web-based application software: ITMS(Intelligent Traffic management system) MYSQL Based DB, Ubuntu Operated Servers.

4.2 Connectivity of CCTV Set-up

The cost of connectivity is out of scope of the bidder. However, bidder may have to coordinate with the service provider of connective for issues resolution as & when required and bidder has to further bring it in to the notice of higher management of
department if the issue in connective is frequent & hampering the maintenance of equipment.

5 Bid process details

5.1 General Information

5.2 Due Diligence
The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding document. The bid should be precise, complete and in the prescribed format as per the requirement of the bid document. Failure to furnish all information required by the bidding document or submission of a bid, not responsive to the bidding documents in every respect will be at the Bidder’s risk and may result in rejection of the bid.

5.3 Site Visit
The bidders may visit the sites and obtain additional information regarding BoQ, materials, items of ITMS for clarification and understanding before bidding at their own cost and responsibility.

5.4 Procurement of RFP Document
The RFP document can be downloaded free of cost from the websites https://mppolice.gov.in and https://mptenders.gov.in. A Bid Document Fee of Rs.1,000/- (One Thousand) non-refundable shall be paid online through e-Tendering Portal https://mptenders.gov.in.

5.5 Cost of Bidding
The Bidder shall bear all costs associated with the preparation and submission of its bid and department will in no case be held responsible or liable for such costs, regardless of the conduct or outcome of the bidding process.

5.6 Clarification on Bidding Documents
Prospective Bidders requiring any clarification on the bidding documents may participate in pre-bid conference where all queries would be clarified.
5.7 Pre-bid Conference

- Pre Bid Conference will be held at the Office of SP (HQ), Indore on <26/09/2019> from 11:00 AM with the perspective bidders to clarify the Technical or related query.

- The Questions/Clarifications should be submitted in writing or email to ASP (Traffic) on Email ID <asptrafficindore@gmail.com> clearly specify the subject line as - “AMC of Intelligent Traffic Management system, CCTV Capable of generating E-challan for Indore city (RLVD System) - Company Name” in MS Excel File of English Language only on or before 06.00 PM by <24/09/2019>. In decisions on discussion regarding modification, amendments for the tender document will be uploaded on the website https://mppolice.gov.in and https://mptenders.gov.in by<30/09/2019>.

5.8 Amendment of bidding documents

At any time, for any reason, whether at own initiative or in response to a clarification requested by a prospective Bidder, the department may modify the bidding document by amendment. All the amendments made in the document would be published on the websites of https://mppolice.gov.in and https://mptenders.gov.in. The bidders are advised to visit these websites on regular basis for checking necessary updates. If required, the department reserves the rights to extend the deadline for the submission of bids.

6 Instructions to bidders

6.1 Language of Bid

The Bid proposal, and all correspondence and documents related to the proposal exchanged by the Bidder and the Department shall be written in the English language.

6.2 Bid prices

6.2.1 Bid currency

Prices shall be quoted in Indian National Rupees (INR).
6.2.2 Prices in Commercial Bid
The Bidder quoted prices in the Commercial bid should be all inclusive (excluding taxes, levies, duties etc.) in clear terms. Break up of pricing should be as per the format for Financial Bid described in Annexures 9. The aggregated price quoted in figure and words in online Financial Bid format shall be considered as the Final Bid Price. The Financial Bids should strictly conform to the formats to enable evaluation of bids. It may be noted that the bids having any hidden costs or conditional costs will be liable for rejection and forfeiture of Bid Security.

6.2.3 Fixed Price
Prices quoted by the Bidder shall be fixed and no variation in prices will be allowed under any circumstances. No open-ended / indeterminable or conditional bids shall be entertained and the same is liable to be rejected straightway.

6.2.4 Work order clarification
Work order and advanced action will be done only in condition of receiving of budget otherwise the process can be cancelled.

6.3 Bid Security (Earnest Money Deposit)
The bidder shall furnish Earnest Money Deposit of Rs 1,68,000 INR (Rupees One Lakh sixty eight thousand only) in form of Bank Guarantee (BG)/Fixed Deposit Receipt (FDR) for period of 3 months issued by any Nationalized Bank in favour of SP (HQ) INDORE.

6.3.1 Requirement of Bid Security
The bid security is required to protect the Department against the risk of Bidder’s conduct, which would warrant the security’s forfeiture. Any bid not secured shall be rejected by the Department as being non-responsive, without any further correspondence.

6.3.2 Discharge of Security Bid of Unsuccessful Bidder
Unsuccessful bidders bid security will be discharged / returned as promptly as possible by the Department.

6.3.3 Discharge of Security Bid of Successful Bidder
Earnest Money Deposit furnished by bidder shall be treated as security deposit. The successful bidder shall also deposit additional amount,
6.3.4 Forfeiture of Bid Security

The Bid Security can be forfeited if a Bidder,

- Withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form.
- Indulges in any such deliberate act as would jeopardise or unnecessarily delay the process of bid evaluation and finalisation.
- During the bid process, if any information is found wrong/ manipulated in the bid including not mentioning any hidden costs or conditional costs. The decision of the Department regarding forfeiture of Bid Security and rejection of bid shall be final & shall not be called upon question under any circumstances.

7 Bid submission instructions

7.1 Last date and Address for submission

Please refer to section 1 Fact sheet for date, time and address for submission of bid.

7.2 Period of Validity of Bid

All the bids shall remain valid for 180 days after the date of financial bid opening by the Department. The Department holds the right to reject a bid which is offered as valid for a period less than this period as non-responsive, without any correspondence. However, the prices finalised after opening the tenders shall not increase throughout the period of maintenance operation.

7.3 Format and Signing of Bid

The original and all copies of the bid shall be type written and shall be signed by a person or persons duly authorized to bind the Bidder to the Contract. The letter of authorization shall be supported by a written power-of-attorney accompanying the Bid. The person or persons signing the bid shall initial all pages of the bid, except for the un-amended printed literature.

7.4 Rejection of Bid

The Bid has to be submitted only online through e-Procurement portal (https://mptenders.gov.in). The bids submitted by telex, fax or email shall not be
entertained. Any condition put forth by the bidder non-conforming the bid requirements shall not be entertained at all and such bid shall be rejected & bid security forfeited.

7.5 Extension for Last Date for Submission

The Department may, at its own discretion, extend this deadline for submission of bids by amending the bid documents, in which case all rights and obligations of the Department and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

7.6 Late bids

The late bids will not be accepted. No further correspondence on this subject will be entertained.

8 Bid opening and evaluation Process

8.1 Evaluation of Pre-Qualification Criteria

A two-stage procedure will be adopted for evaluation of proposals, Pre-Qualification being completed before the Financial Evaluation.

The Pre-Qualification Evaluation Committee (PQEC) of the department will first open Pre-Qualification Response Document, after verifying the Bid Security and Bid Document Fee, in the presence of Bidders’ representatives who choose to attend the Bid opening meeting. The Bidder’s representatives who are present shall sign a register evidencing their attendance.

8.2 Evaluation of Pre-Qualification Criteria

The Bidders need to fulfil all the pre-qualifications conditions mentioned in the Pre-Qualification Criteria. The financial bids of only the technically qualified Bidders will be opened for further processing. It is, however, clarified that, subject to other provisions of this Document, every Bidder will have to fulfil the minimum Pre-Qualification laid down for being qualified technically.
8.3 Pre-Qualification Criteria

<table>
<thead>
<tr>
<th>S.No</th>
<th>Basic requirement</th>
<th>Specific requirement/ Pre-Qualification Criteria</th>
<th>Documents required</th>
</tr>
</thead>
</table>
| 1    | Legal Entity      | -Should be a company registered under the provisions of the Indian Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act, 1936 or the Limited Liability Partnerships Act, 2008.  
- Registered with the service tax authorities.  
- Should have been operating for the last three years as of Tender submission date. | Certificate of incorporation/ Partnership deed  
- Service tax registration  
- Certificate of commencement of business(if applicable) |
| 2    | Board resolution / Power of attorney in favour of authorised signatory | A board resolution OR power of attorney in the name of the person executing the bid, authorizing the signatory to commit the Bidder. | Board resolution; OR  
Power of attorney with appropriate supporting documents |
| 3    | Sales Turnover from System Integration | Average Annual sales turnover generated from services related to Information Technology Enabled Services / Annual Maintenance Contract of IT Equipment during each of the last three financial years i.e. FY 2015-16, FY 2016-17 & FY 2017-18, should be at least Rs. 1 Crore INR (Rs. One Crore INR Only) | Extracts from the audited balance sheet and profit and loss;  
And  
Certificate from the statutory auditor clearly mentioning Sales Turnover from Information |
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This turn over should be on account of Information Communication Technology (ICT) systems development and implementation (i.e. revenue should be on account of system integration/turnkey solutions or products and their associated maintenance or implementation services, packaged software etc.) only.</td>
<td>Technology Enabled Services / Annual Maintenance Contract of IT Equipment</td>
</tr>
<tr>
<td>4</td>
<td>Technical Capability</td>
<td>Completion certificates from the client; OR Work order +Self certificate of completion (Certified by the statutory auditor); OR Work Order +Phase Completion Certificate from the department</td>
</tr>
<tr>
<td></td>
<td>Bidder must have successfully completed at least the following numbers of ICT system development and implementation engagement(s) of value specified here in: - One project of CCTV Surveillance Set-up or Maintenance not less than the amount equal to Rs. 50 Lakh INR OR - Two projects of CCTV Surveillance Set-up or Maintenance not less than the amount equal to 35 Lakh INR</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Certifications</td>
<td>The Bidder must have either of the ISO 9000 or ISO/IEC 20000 series certification covering Computer Maintenance and Repair services.</td>
</tr>
<tr>
<td>6</td>
<td>Office Location</td>
<td>The Bidder must have or open a full functioning Office with Logistic/Service Centre for Spares Replacement</td>
</tr>
</tbody>
</table>
in the state of Madhya Pradesh.

<table>
<thead>
<tr>
<th></th>
<th>Reputation</th>
<th>Bidder should not been blacklisted by any agency / department / etc. under the Central / State / PSUs as on the bid submission date.</th>
<th>Bidder Undertaking (Annexure 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Two consortium of companies is allowed for the bidding process, including Prime Bidder. The cited projects executed for bidder’s own group of companies or JV companies will be considered for pre-qualification. It shall be mandatory to furnish all the supporting documentary proofs of consortium partners along with the bid to prove the fulfilment of the eligibility criteria.

9 Financial Proposal

9.1 Opening & Comparison of Financial Bids

The Bid Security of only technically qualified bidders will be opened. Those technically qualified bidders who have also deposited the Bid Security shall be termed Substantially Responsive (i.e. eligible and technically qualified and have also deposited Bid Security). The decision of the department in this regard shall be final.

The Bidder is required to quote for all the items as mentioned in RFP Documents per the Annexure 10 of BoQ. Therefore, any Bid which does not quote for all items will be determined to be non-responsive and may be rejected. The ranking of bidders shall be decided on the basis of total bid amount for all the items & most economical option will be considered as L1.

9.2 Announcement of Financial Bids

The Financial Bids will be opened, in the presence of Bidders’ representatives who choose to attend the Financial Bid opening on date and time to be communicated to all the technically qualified Bidders. The Bidder’s representatives who are present shall sign a register evidencing their attendance. The name of Bidder, Bid Prices, Discount, etc. will be announced at the meeting.

9.3 Evaluation of Financial Bids

- The Financial Bids of the technically qualified bidders will be evaluated.
• The Evaluation process proposed for Financial Bid will be based on the most economical option. Most economical option will be decided by total project cost inclusive of all taxes applicable and shall be considered as L1 & awarded the successful bidder.

• The department may finalise the Tender & award the Work without any negotiations. Therefore, the Bidders are advised to make best possible quotations in the first instance only.

• If required department may vary quantity or, no of items mentioned or, both, from the list mentioned under Annexures 10. The corresponding Maintenance Charges of changed quantity/ item will be increased/ decreased proportionately to take care of the adjustments.

9.4 Rectification of Errors

Arithmetical errors in the Financial Bid will be rectified on the following basis.

• If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and will be considered for future calculations.

• If there is a discrepancy between words and figures, the amount in words shall prevail.

• If the bidder does not accept the correction of errors, its bid will be rejected and its bid security may be forfeited.

9.5 Department’s right to accept any Bid and reject any or, all Bids

Notwithstanding anything contained in this Tender Document, the Department reserves the right to accept or reject any Bid or to annul the bidding process fully or partially or modify the same and to reject all Bids at any time prior to the award of Contract, without incurring any liabilities in this regard.
9.6 Financial proposal forms & formats

10 Overall Evaluation Methodology and Award Criteria

10.1 Notification of Award (LOI)
Before the expiry of the period of validity of the bid proposal, the department shall notify the successful Bidder in writing by registered letter or by government official email id of the department, that its bid has been accepted. The Bidder shall acknowledge in writing receipt of the notification of award and shall send his acceptance to enter into agreement within seven (7) days of receiving the notification.

10.2 Signing of Agreement
The notification of the award shall constitute signing of the agreement. The signing of agreement will amount to award of contract and bidder will initiate the execution of the work as specified in the agreement. All incidental expenses of execution of agreement / contract shall be borne by the successful bidder.

10.3 Discharge of Bid Security
On issuing LoI to successful bidder, department shall promptly request the Bidder to provide performance bank guarantee. On receipt of the performance bank guarantee, the bid security (EMD) of the bidder will be released and the agreement shall be signed.

10.4 Failure to abide by the Agreement
The conditions stipulated in the agreement shall be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to the rights of the Department with such penalties as specified in the Bidding document and the Agreement.

10.5 Mandatory Site Inspection
Upon initiation of Services from the Operational Service Date, the Successful Bidder is required to inspect all the operational sites within the next 15 days and bring them fully working and functional condition within a period of 30 days from award of agreement.
11 Payment terms and schedule

11.1 Performance Bank Guarantee

On receipt of a letter of intent (LOI) from the Department, the successful Bidder will furnish a FDR or bank guarantee, by way of performance security, equivalent to 10 percent of the total contract value, on or before the signing of the subsequent agreement, typically within 15 days from notification of award, unless specified to the contrary (Performance Guarantee). In case the successful Bidder fails to submit Performance Guarantee within the time stipulated, the Department may at its sole discretion cancel the letter of intent without giving any notice and encash the EMD furnished by the Bidder, in addition to any other right available to it under this RFP.

The successful Bidder shall ensure, the Performance Guarantee is valid at all times during the Term of the subsequent agreement (including any renewal, if applicable) and for a period of 60 days beyond all contractual obligations, including warranty terms.

The Department may invoke the Performance Guarantee in the event of a material breach by the successful Bidder leading to termination for material breach.

The proceeds of the performance guarantee shall be payable to the department as compensation for any loss(es) resulting from the failure of the Successful Bidder to meet out its obligations under the agreement.

The Performance Guarantee will be discharged by the department and returned to the Bidder following the date of completion of the Bidder's performance obligations.

11.2 Schedule of Payments

The bidders are expected to examine all instructions, forms, terms, of ITMS project requirements and other information in the RFP documents. Failure to furnish all information required by the RFP documents or submission of a proposal not substantially responsive to the RFP documents in every respect will be at the Bidder’s risk and may result in rejection of its Proposal and forfeiture of the EMD.

The Annual Maintenance fees shall be equally divided into four quarters yearly. The payment for the Annual Maintenance Contract shall be made on quarterly basis, after the completion of last date of corresponding quarter. The department shall make its best
effort to ensure timely payment to bidder. There may be delay in withdrawal and payment due to Govt. processes or norms, however the department shall not be liable to pay any amount due to delay in payments.

No advance payment or partial payment shall be made to bidder by department under any circumstances.

11.3 Penalty on account of delay and non-performance

11.4 Invoicing and settlement

11.5 Intellectual Property Rights (IPR)

12 Scope of work

The scope of work & services shall include to operate and maintain the all cameras (CCTV & IP based) along with connecting accessories, hardware equipment & web-based application software Infrastructure of ITMS-1 (15 Locations) between control room and cameras installed at various locations in the city as mentioned in the Annexure-1 for a period of 3 years as given below:

a. The department shall provide OFC connectivity at ITMS-1 (15 ) Location. The successful bidder will have to operate and maintain necessary network equipment at the Terminal Ends of the OFC network.

b. The bidder shall operate and maintain all the installation materials/accessories/consumable necessary for the operation and maintenance of Intelligent Traffic Management system.

c. The bidder shall operate and maintenance required networking terminal equipment for end-to-end connectivity from Control Room to Location Cameras at each location.

d. The successful bidder shall before the start of warranty/maintenance period carry out a survey to identify all currently faulty cameras, equipment, accessories, materials including hardware & software and bring them in fully functional working condition by either repairing or replacing them with materials of equivalent
technical specifications or higher at its own cost. The bidder shall notify the technical committee of department being done.

e. During the operation and maintenance period, the successful bidder shall have to repair or replace items, accessories, materials, equipment including hardware or web-based application software which may have becomes non-operational, faulty or damaged due to any reason.

f. The bidder shall operate, maintain all Network Access Points in such a way that it covers the entire location under surveillance. The bidder shall provide associated planning and diagram of the placement of the Network Access Points.

g. The bidder shall report the department about any obstacle/obstruction infront of cameras. The department may ask the bidder to change the location of Cameras if required and bidder has to re-installed it on the specified new location.

h. The system thus proposed should be scalable and have capability of integration with existing or future systems of Police Departments.

i. The successful bidder should have one Service Center within Indore City or setup one within 1 moth from the date of issue of LoI. Service Center Office should attend the Calls 24X7 and the Response Time for any such call should be less than 1 Hr.

j. Maximum downtime of system for any camera complaint reported shall be not be more than 4 hrs, after this time penalty will be levied @ Rs 1000/+) INR per hour per camera. The cumulative quarterly penalty will be not more than the 10% of total quarterly billing. If the down-times is for the reasons beyond the control of bidder, then the department is having full rights to waive-off the penalty.

k. The scope is deemed to include all components, accessories and equipment required to operate and maintain a fully functional Intelligent Traffic Management system, from capturing of image/video/recording from all cameras to display screen and CCTV Capable of generating e-challan for Indore city (RLVD System) system regardless of whether they are explicitly mentioned or not.
l. The scope shall include to operate, repair, replace, supply, deliver and storage at site, installation, testing, commissioning and maintenance of a fully functional and complete Intelligent Traffic Management system, CCTV Capable of generating e-Challan for Indore city (RLVD System) system. All accessories and fitting hardware such as brackets / poles, wiring together with associated masonry work are included in the scope of work.

m. New cameras of same or better quality/standard must be installed in case of replacement of old/faulty cameras. New camera must have warranty of at-least 3 years.

n. Due to Indore Nagar Nigam work/ accidental site / or any other reason if any equipments or cameras are replaced then it should be informed to TMC(Traffic management center) Indore by company and consequently restoration of camera/equipment should be done immediately after the completion of same site by company.

o. Company/bidder should offer the facility of ticket generation in case of nonworking camera if the camera is not working for last 3 hours. This ticket generation facility will help in penalty calculation of nonworking cameras. If camera is not recording live footage on the server then it should be treated as nonworking condition of that camera.

p. In case of interruption/failure of power supply the company should coordinate with corresponding Electricity/MPEB office and inform to TMC(Traffic management center) Indore for same.

q. One engineer and two technical operators should always be available 24x7 in office of TMC(Traffic management center) Indore .

r. TMC(Traffic management center) Indore is in process of online payment of e-challan. Company should offer support for integration of this online payment with existing hardware and software.

s. The successful bidder will have to provide onsite replacement warranty and maintenance support for a period of 3 years, for which the department shall not be paying any extra cost.
t. The bidder shall bear any additional cost required to operate and maintain a fully functional and complete Intelligent Traffic Management system, CCTV Capable of generating e-Challan for Indore city (RLVD System) system.

u. The successful bidder shall take over the System within 30 days from the issue of work Order.

v. The warranty period would start after 30 days from date of signing of agreement with the department. Warranty includes hardware, software, network items onsite replacement and maintenance support for a period of 3 years.

12.1 Manpower Requirement

The successful bidder shall deploy manpower at Indore HQ location and the manpower will have to manage all AMC & support work with the help of core team of bidder. Their attendance will be maintained on a daily basis which will in turn be linked to their payment.

The basic requirements for manpower are as mentioned below:

a. The deployed manpower should have adequate expertise and hands-on experience in respective technical domain of operations, maintenance and repair.

b. Successful Bidder should maintain adequate reserve staff and additional manpower to ensure timely response and manage support service levels at all times.

Manpower are required as per table given below:

<table>
<thead>
<tr>
<th>Sr</th>
<th>Project</th>
<th>Engineer (24*7) (S/w &amp; H/w)</th>
<th>Technician (24*7)</th>
<th>Computer Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ITMS-1</td>
<td>01</td>
<td>02</td>
<td>04</td>
</tr>
</tbody>
</table>

The qualification criteria of above personnel are as per as below:

<table>
<thead>
<tr>
<th>Sr</th>
<th>Manpower</th>
<th>Qualification</th>
<th>Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Engineer</td>
<td>B.E. / B.Tech. - IT, CS, EC / M.Sc. - IT from any recognized university or Equivalent.</td>
<td>Minimum 4 Year Working Experience in Computer</td>
</tr>
<tr>
<td>Position</td>
<td>Role</td>
<td>Qualification</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Technician</td>
<td>Diploma in IT, CS, EC, Electrical or Equivalent from any recognized university</td>
<td>Minimum 2 Year Working Experience in Computer Hardware / CCTV Installation / Networking &amp; Maintenance</td>
</tr>
<tr>
<td>3</td>
<td>Computer Operator</td>
<td>Any Graduate with Computers from any recognized university</td>
<td>Minimum 2 Years of Working Experience in Computer Operations - MS Windows / MS Office / Internet / e-Mailing with mandatory knowledge of MIS for validation work</td>
</tr>
</tbody>
</table>

### 13 Performance Standards/SLAs

The bidder shall ensure the necessary warranty and back-to-back support from various OEMs of the hardware and software items of ITMS, CCTV Capable of generating e-challan for Indore city (RLVD System) system.

The successful bidder within 15 days after award of contract and signing of agreement, will ensure that all cameras are in proper working condition. After this period if any camera display is not working beyond a total time period of 4 hours in a day then penalty of INR 1000/- per camera per hour shall be imposed on bidder.

The video recording of the camera if unavailable or lost beyond a total time period of 4 hours in a day then a penalty of INR 1000/- per camera shall be imposed on the bidder.
14 Deliverables

The department or Govt. may seek recording of RLVD/CCTV in any case related matter. Therefore, the bidder shall ensure video recording of all the cameras is done regularly without loss and stored. Bidder shall ensure backup of video recordings is done regularly and stored for extraction.

The successful bidder shall provide daily report of all working/non-working cameras in format agreed mutually with department.

The successful bidder shall provide image or video recording of the cameras in acceptable format as and when desired by the department.

15 Exit Management / Transition-Out Responsibilities

The successful bidder has to hand over the entire updated Web-application software code / database with full information of credentials to access the code / data to the department. The successful bidder has to handover all the reports & data, that have been generated & used through the project.

The Exit Management will start 30 days prior to the project course.

16 Resolution of Disputes

The department and the successful bidder shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract. If, after thirty (30) days from the commencements of such informal negotiations, department and the successful bidder have been unable to resolve amicably a contract dispute, either bidder party may require that the dispute be referred for resolution to the formal mechanisms specified here in. These mechanisms may include, but are not restricted to, conciliation mediated by a third party.

In case of a dispute or difference arising between the department and the successful bidder relating to any matter arising out of or connected with the agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, of India, 1996. For any such disputes, jurisdiction will be Indore.
17 Termination

The department and/or bidder, without prejudice to any other remedy for breach of Contract, may terminate this Contract in whole or in part by giving 45 days advance notice; if the other Party commits a material breach of the Contract and fail to rectify it after being granted a reasonable cure- period to rectify the defect. In the event of termination, department shall pay all amounts due from its side for the services delivered till the date of termination. After the expire of notice period, the department may further extend the notice period for next 30 days or till the selection of new successful bidder whichever is early. The bidder shall continue performance of the contract to the extent not terminated.

18 Notices

Any notice given by department and / or successful bidder to the other pursuant to this contract shall be sent to the other pursuant in writing or by official email or facsimile and confirmed in writing to the other pursuant’s last known address. A notice shall be effective when delivered or tendered to other party whichever is earlier.

19 Bid Response Annexures

19.1 Annexure 1: Location wise list of Cameras installed across the city
19.2 Annexure 2: Proposal covering letter
19.3 Annexure 3: Details of bidder
19.4 Annexure 4: Undertaking on no conflict of interest
19.5 Annexure 5: Authorization for representation at bid opening
19.6 Annexure 6: Earnest Money Deposit
19.7 Annexure 7: Undertaking of not being blacklisted

SELF-DECLARATION on Non-blacklisting

Bid No. <_______>, Date: mm/dd/yyyy

To,
The SP, Indore,
<Address>

In response to the Tender ____ dated <mm/dd/yyyy> for Comprehensive Annual Maintenance Contract Of Intelligent Traffic Management System and CCTV Capable of Generating e-Challan for Indore City (Red Light Violation Detection System), as owner/partner/Director of <_______>, I / We hereby declare that our Company/firm is having unblemished past record and was not declared ineligible/blacklisted for either indefinitely or for a particular period of time.

Name of the Bidder: - Signature: -

Seal of the Organization: -

19.8 Annexure 8: Project experience

19.9 Annexure 9: Format for Financial Bid

19.10 Annexure 10: BoQ
<table>
<thead>
<tr>
<th>S.NO.</th>
<th>JUNCTION NAME(SQUARE NAME )</th>
<th>CAMERA TYPE</th>
<th>RLVD</th>
<th>ANPR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mhownaka square</td>
<td>1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Bangali square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>Piplyahana square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>Regal square</td>
<td>1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Indraprasth square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>Jail road square</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Palasiya square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>Malviya nagar   square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>9</td>
<td>White church square</td>
<td>1</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>Geeta bhawan   square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>11</td>
<td>Lanturn   square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>12</td>
<td>Mrignayani square</td>
<td>1</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>13</td>
<td>Bhawarkunwa square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>14</td>
<td>Palsikar   square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>15</td>
<td>Tower   square</td>
<td>1</td>
<td>4</td>
<td>8</td>
</tr>
</tbody>
</table>
Annexure -2
SUPRINTENDENT OF POLICE, HQ, INDORE
MADHYA PRADESH

TENDER FORM

No. SP(H.Q)//TRF/IND/ /19, Indore, DTD. / /2019

S. No.---------------------

1. Tender applied for ____________________________________________________________

2. Name & full address of the Firm submitting the tender ____________________________________________________________

3. Name of contact personnel____________________________________________________

4. Name of local contact personnel (If any) ______________________________________

5. Phone number/Fax No.______________________________________________________

6. E-Mail address______________________________________________________________

7. Tender fee deposited vide Challan /DD/BD No.________________Dtd__________

8. GST Reg.No._______________________________________________________________

9. Whether annual clearance of S.T. attached__________________________ Yes/No

10. Earnest money Rs. ______________ are attached here with in the shape of _______ (BD/BG) in favour of Supdt of Police (HQ), Indore vide BD/BG No_________ _______ issued by (Bank)___________________________________________________________

11. Agreed to abide by terms and conditions laid down for NIT No.F- /2019 dtd: - -2019

12. Signed on each pages as a token of acceptance of terms & condition laid down for NIT No. F- /2019 dtd: - -2019

Note :- Enclosed Annexure-"A" " B " & "C" must be filled up.

Date---------------------

Place---------------------

Signature of Proprietor/
Manager/Representative of firm
ANNEXURE-3

Details of bidder

(Enclose with Technical Bid)

1. Name of the Bidder : 
2. Address of the Bidder : 
3. Name of the Manufacturer(s) : 
4. Address of the Manufacturer : 
5. Name & address of the person to whom all references shall be made regarding this BID enquiry. Telephone : 
Fax : 
E-mail : 
Witness:

Signature----------------------------------------- Signature ---------------------

Name ------------------------------------------- Name 
Address ----------------------------------------- Designation ---------------

------------------ Company Seal ------------------

------------------ Date --------------------------

----------------------------------------------
# FORM - II

## Technical Form

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Bidder statement (s)</th>
<th>Remark (s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of Tendering Firm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Authorities Certificate from Videonetics Software Company</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Whether Experience certificate enclosed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Under taking certificate should be enclosed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Manpower quoted for 4 Operator 4 Technician</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Bidder
FORM - III

Financial Status Form

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Bidder statement(s)</th>
<th>Remark(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of Tendering Firm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Whether Warrantee/ Guarantee of three years from date of check test is provided</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Whether attested Income Tax return submitted</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>GST Registration Number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Whether attested GST return submitted</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Attested certificate of Registration with Registration number of Firm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Date of Establishment of Firm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Data for Purchase Order received by the state Police/ UT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Bidder
FORM - IV

Following Declaration duly filled in must be enclosed with the “Technical Bid” as given below :-

:: DECLARATION ::

I, (Name of M.D./ Proprietor of firm)………………………………….son of……………………………………………..of M/s (Name of firm and full Address)…………………………………………………………………………………………………………………………

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FORM - V

(On the Letterhead of the Participant bidder firm/ Company)

UNDEARTAKING

I ………………………………………………………………………….. S/o Shri …………………………………………………………….

…………………. Resident of ……………………………………………………………

Being Director / Proprietor / Partner of

M/S…………………………………………………………………………………………………….

……………………………………………………………………………………………………

….. whose GST Registration No. is ………………………………………

GST Registration No. is ……………………………………………………………

Income Tax PAN No. is

…………………………………………………………………………………………... and Service Tax No.

is………………………………………………………………………………;

………………………………………………………………………………………….

Hereby give consent to The Superintendent of Police HQ, Indore to deduct from our Bills whatever Amount is payable by us on account of the necessary Tax dues.

Place :- …………………………………………………………….

Date :- ……………………………………………………………………….

Signature :- ……………………………

Name :- ………………………………………………….

Post :- ……………………………

Seal :- …………………………………………………………….

Page 36 of 40
## FORM - VI

**Commercial Form**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>PARTICULARS</th>
<th>BIDDERS STATEMENTS</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Unit Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Custom Duty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Excise Duty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>GST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Freight Charges</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Other Charges</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Total Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>EMD Enclosed For One Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Delivery Period</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Rate Validity Period</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Minimum 6 Month)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>If belong to SC/ST Category Yes/No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(If Yes Bidder must clarify as to how much ratio of shares is owned by the people of SC/ST Community less than 50% or more than 50%.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Bidder

---

**FORM - VII**
## Financial Bid Format

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name</th>
<th>Nos.</th>
<th>Basic Price Per year</th>
<th>Qty 3 Years</th>
<th>Total Basic</th>
<th>Applicable Taxes</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>G</td>
<td>H= (F+G)</td>
</tr>
<tr>
<td>01.</td>
<td>ITMS-I PROJECT with all Equipment and Software</td>
<td>One System</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Bidder
## Annexure - I (ITMS - I)

### BOQ (List of Installed Items)

<table>
<thead>
<tr>
<th>S.no.</th>
<th>Name of equipment</th>
<th>Qty</th>
<th>Unit</th>
<th>Make</th>
<th>Model no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Integrated Traffic management and city surveillance solution :-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>ANPR camera</td>
<td>130</td>
<td>Nos.</td>
<td>SONY</td>
<td>SNC-CH120 + UNI-ORF8C1/t</td>
</tr>
<tr>
<td>1.2</td>
<td>RLVD Evidence Camera</td>
<td>65</td>
<td>Nos.</td>
<td>SONY</td>
<td>SNC-CH240 + UNI-ORF8C1/t</td>
</tr>
<tr>
<td>1.3</td>
<td>Outdoor IP 66 Processor</td>
<td>15</td>
<td>As required</td>
<td>ADVANTECH+ LEX</td>
<td></td>
</tr>
<tr>
<td>1.4</td>
<td>Night Vision Illuminator</td>
<td>130</td>
<td>Nos.</td>
<td>CP PLUS , GMBH, Germany</td>
<td>CP-CRN-L104E</td>
</tr>
<tr>
<td>1.5</td>
<td>As per required Software for ANPR and RLVD</td>
<td>65</td>
<td>Nos.</td>
<td>VIDEONETICS</td>
<td>ANPR&amp; RLVD MODULE</td>
</tr>
<tr>
<td>1.6</td>
<td>Outdoor Audio Speaker</td>
<td>65</td>
<td>Nos.</td>
<td>BOSCH</td>
<td>Horn Speaker</td>
</tr>
<tr>
<td>1.7</td>
<td>Minimum 2 Megapixel Outdoor IP 66 I.P PTZ camera with External I.R., minimum 20 X optical zoom</td>
<td>15</td>
<td>Nos.</td>
<td>SONY</td>
<td>SNC-ER580 + SNC-ER580+UNI-ORD7C2/T</td>
</tr>
<tr>
<td>1.8</td>
<td>Online Ups outdoor for cameras with 1 Hour back With Isolation Circuit</td>
<td>15 Square</td>
<td>Nos.</td>
<td>Elnova/Uniline / Emerson</td>
<td>Elnova</td>
</tr>
<tr>
<td>1.9</td>
<td>Network Switches, Cat 6 Cable , Power cable Other Active &amp; Passive Component as per requirement</td>
<td>15 Square</td>
<td>Need Based</td>
<td>Network Switch - CISCO</td>
<td>IEIE-3000-4TC (Detaisl BOQ attached In Technical Bid )</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.11</td>
<td>Network Rack/Outdoor cabinet for all equipments at main control Room ,and remote location with electric fittings</td>
<td>15 Square</td>
<td>Need Based</td>
<td>ISI grade</td>
<td></td>
</tr>
<tr>
<td>1.12</td>
<td>Electricity meter connectivity with required Armored Wire(ISI Approved ) with Laying up to Meter point Provision for Each Location</td>
<td>15 Square</td>
<td>Nos.</td>
<td>Job work</td>
<td></td>
</tr>
<tr>
<td>1.13</td>
<td>Centralize ANPR And RLVD and PTZ camera Monitoring Server Software</td>
<td>1</td>
<td>Set</td>
<td>Videonetics</td>
<td></td>
</tr>
<tr>
<td>1.14</td>
<td>Integration Module for M.P Vehicle data base server</td>
<td>1</td>
<td>Set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.15</td>
<td>E-challan Module for RLVD and ANPR systems</td>
<td>1</td>
<td>Set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.16</td>
<td>Centralize Server for ANPR , RLVD And PTZ camera</td>
<td>2</td>
<td>Nos.</td>
<td>DELL</td>
<td>DELL: Poweredge R2720</td>
</tr>
<tr>
<td>1.17</td>
<td>Unified Storage for 15 Days recording of ANPR , RLVD and PTZ camera , Having Provision for Recording of City Surveillance cameras also in same storage</td>
<td>1</td>
<td>Unit</td>
<td>DELL</td>
<td>PowerVault MD3060e, 6Gb SAS, 4U-60 Drive Dense along with PowerVault(TM) MD3660f, 8Gb Fibre Channel, 4U-60 Drive</td>
</tr>
<tr>
<td>1.18</td>
<td>Layer 3 Network Switch With Network rack With Cooling Fan</td>
<td>1</td>
<td>Set</td>
<td>CISCO</td>
<td>WS-C4503-E (Detail Bq Attached)</td>
</tr>
<tr>
<td>1.19</td>
<td>Online ups for main control room/server. 10 Kva 4 Hour back up</td>
<td>1</td>
<td>Nos.</td>
<td>uniline /Elnova/emerson</td>
<td></td>
</tr>
<tr>
<td>1.20</td>
<td>46 “ HD LED monitor, 24 X 7 Application</td>
<td>2</td>
<td>Nos.</td>
<td>LG</td>
<td>47 WL30</td>
</tr>
<tr>
<td>1.21</td>
<td>Client machine includes latest original window OS with 24 “ LED monitor &amp; anti-Virus License for Three years</td>
<td>3</td>
<td>Nos.</td>
<td>DELL</td>
<td>Precision T1700</td>
</tr>
<tr>
<td>1.22</td>
<td>Three years onsite warranty with complete maintenance for entire systems from the date of check test and handover of entire system</td>
<td>3</td>
<td>years</td>
<td>job work</td>
<td></td>
</tr>
<tr>
<td>1.23</td>
<td>Running, Operation for whole Systems 3 years Replacement Warranty Period (4 skilled Operator &amp; One dedicated Service Eng for Operation, Bidder Will born all Expanses) and bidder shall impart training for at least 20 police personnel to run the whole system</td>
<td>36</td>
<td>Month</td>
<td>Job work</td>
<td></td>
</tr>
</tbody>
</table>