

## कार्यालय परिवहन आयुक्त, छत्तीसगढ़

इंद्रावती भवन, तृतीय तल, सी-ब्लॉक, अटल नगर

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क्रमांक-4477 योजना / टीसी / 2022

नवा रायपुर-अटल नगर, दिनांक-7/10/2022

प्रति,

संचालक,  
जनसंपर्क संचालनालय  
छोटापारा, वार्ड नं-46  
रायपुर छ.ग.-492001

विषय:- परिवहन विभाग का निविदा की सूचना प्रकाशन बाबत।

—000—

विषयांतर्गत लेख है कि परिवहन विभाग अंतर्गत चेकपोस्ट एवं आंतरिक मार्ग हेतु ए.एन.पी.आर. कैमरा के संबंध में निविदा क्रमांक TD/09 /ITC/2022 जारी किया गया है। उक्त निविदा हेतु प्रि-बिड दिनांक 17/10/2022, निविदा जमा करने की अंतिम तिथि 27/10/2022 समय 03.00 बजे एवं निविदा खोलने की तिथि दिनांक 28/10/2022 को समय 11.30 बजे रखा गया है।

अतः कृपया उक्त निविदा की सूचना को छत्तीसगढ़ में प्रकाशित होने वाले तीन समाचार पत्र एवं एक राष्ट्रीय स्तर के समाचार पत्र में प्रकाशित करवाने का कष्ट करें।

संलग्न:-उपरोक्तानुसार।

(वेदवत सिंहसौर)

संयुक्त परिवहन आयुक्त  
छत्तीसगढ़, नवा रायपुर

**कार्यालय परिवहन आयुक्त, छत्तीसगढ़**

परिवहन विभाग अंतर्गत चेकपोस्ट एवं  
आंतरिक मार्ग हेतु ए.एन.पी.आर. कैमरा  
के संबंध में।

**निविदा सूचना**

TD/ 09/TC/2022 नवा रायपुर-अटल नगर,  
दिनांक - 07.10.2022.

कार्य: परिवहन विभाग अंतर्गत चेकपोस्ट एवं  
आंतरिक मार्ग हेतु ए.एन.पी.आर. कैमरा के  
संबंध में निविदा जारी किया जाता है।

निविदा प्रि-बिड तिथि 17/10/2022

समय 11.30 बजे स्थान- परिवहन आयुक्त कार्यालय,  
नवा रायपुर

निविदा जमा करने की अंतिम तिथि: 27/10/2022  
को दोपहर 03.00 बजे तक।

निविदा की टेक्निकल बिड खोलने की तिथि  
28/10/2022 समय 11.30 बजे

वित्तीय निविदा खोलने की तिथि पृथक से जारी की  
जावेगी।

उपरोक्त निविदा की पूरी जानकारी वेबसाइट  
[www.cgtransport.gov.in](http://www.cgtransport.gov.in) पर उपलब्ध है।

REQUEST FOR PROPOSAL  
FOR  
SELECTION OF AGENCY  
FOR  
SETTING UP ANPR SYSTEM AT SELECT LOCATIONS  
IN  
THE STATE OF CHHATTISGARH

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Tender no. & Date	TD/09/TC dated 07.10.2022
Description of Equipment/Material	Supply, Fixing and integration of ANPR in various location of the Chhattisgarh
Date Notice of Publishing of tender	07.10.2022
Place date and time for pre bid Meeting	Date: 17.10.2022 Time: 11:30 AM  Venue: Office of The Transport Commissioner, Indrawati Bhawan,Raipur-492007  AND  In case the bidder needs to write to:  <a href="mailto:Atc.cg@gov.in">Atc.cg@gov.in</a>
Contact Number for queries	0771-2582799
Address for Communication	The Transport Commissioner, Indrawati Bhawan,Raipur – 492007
Last date of Submission of Bid	27.10.2022 upto 3:00 PM
Date of opening of bid	28.10.2022 at 11:30 AM
Submission of tender	Transport Commissioner, Indrawati Bhawan,Raipur-492007
Bid Validity	180 days from the last date of opening of  Financial Bid
EMD and Bidder Fee	EMD of INR 2,00,000 (Rupees Two lacs only)  Bidder Fee – 5,000/-  The EMD and Bidder Fee needs to be submitted in hard copy at:  Transport Commissioner Office,

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

	<p>3<sup>rd</sup> Floor, Block</p> <p>Indrawati Bhawan,Raipur-492007</p> <p>On or before 27.10.2022 upto 3 pm. The documents received post 3 pm will be disqualified.</p>
<p>Publication of corrigendum (if required), Extension of Time, clarification, addition, deletion, modification or corrigendum to this document</p>	<p>Corrigendum will be posted on website for information of bidders</p> <p><a href="http://www.cgtransport.gov.in">www.cgtransport.gov.in</a></p>

Bid Documents may be purchased from the office of the Transport Commissioner, on any working day between 10.00 a.m. and 2.00 p.m. both days inclusive, against non-refundable price (for each set of two copies) of Rs.5,000/- (Rupees Five Thousand) in Cash or by Demand Draft drawn on any Nationalized Bank payable at Raipur in favour of the Transport Commissioner, Chhattisgarh.

EMD can be submitted by Demand draft(DD)/fix deposit receipt (FDR) / bank guarantee (BG) drawn in favour of “ Transport Commissioner “ , Chhattisgarh payable at Raipur from any nationalized bank or scheduled commercial bank. (Bank account details – Account number- 32464423704 , IFSC Code- SBIN0000461).

The bid document is also available in the websites: [www.cgtransport.gov.in](http://www.cgtransport.gov.in)

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Bid documents can also be downloaded from the above websites and used free of cost. The bidder who downloaded Bid documents shall declare that no corrections or alterations were made in the bid document. The bid documents obtained from the Department **are not transferable**.

The eligibility criteria and other terms and conditions as per the bid documents have to be followed strictly. The Tender Accepting Authority has the right to reject any or all bids received without assigning any reasons there for.

Raipur

**TRANSPORT COMMISSIONER,**

Dated: \_\_\_\_\_

## **Table of Content**

<b>Disclaimer</b>	<b>7</b>
<b>Glossary</b>	<b>8</b>
<b>1. Introduction</b>	<b>10</b>
<b>Project Background</b>	<b>10</b>
<b>Project Objectives</b>	<b>10</b>
E-Challan System	11
<b>2. System Architecture</b>	<b>11</b>
<b>3. Scope of Services for the Project</b>	<b>11</b>
<b>Overview</b>	<b>11</b>
<b>Geographical Scope of services</b>	<b>12</b>
2.1. Submissions of Bids	13
<b>Pre-Qualification Criteria</b>	<b>23</b>
Technical Evaluation	26
Commercial Evaluation	28
Financial Score	29
<b>Feasibility study for finalization of details technical architecture and project plan</b>	<b>29</b>
<b>Design, Supply, Installation and Commissioning of the Field Equipment</b>	<b>33</b>
<b>Supply, Installation and Commissioning of IT Infrastructure :-</b>	<b>34</b>
<b>Preparation and implementation of the Information security</b>	

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State <b>policy, including policies on backup</b>	<b>34</b>
<b>Capacity Building and Training</b>	<b>34</b>
<b>Acceptance Testing</b>	<b>35</b>
<b>System Documents and User Manuals</b>	<b>35</b>
<b>Operations and Maintenance for a period of 1 years</b>	<b>36</b>
<b>Hand-over of the system at the end of contractual period along with all documentation required to operate and maintain the system</b>	<b>37</b>
<b>Roles and Responsibilities</b>	<b>38</b>
<b>4. Common guidelines regarding compliance of systems/equipment</b>	<b>40</b>
<b>5. Functional &amp; Technical Requirements</b>	<b>42</b>
<b>General Components</b>	<b>42</b>
5MP Fixed Bullet Camera	42
Network Video Recorder;	43
Automatic Number Plate Recognition	44
Field Junction Box	46
Poles for Cameras	47
POE Switch	48
Online UPS for Field Locations	48
<b>Integration Requirements</b>	<b>50</b>

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

### **Disclaimer**

The information contained in this Request for Proposal document (“**RFP**”) whether subsequently provided to the bidders, (“**Bidder/s**”) verbally or in documentary form by Transport Department , Government of Chhattisgarh (henceforth referred to as “**Transport Department, Chhattisgarh** ” in this document) or any of its employees or advisors, is provided to Bidders on the terms and conditions set out in this Tender document and any other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is not an offer or invitation to any party. The purpose of this RFP is to provide the Bidders or any other person with information to assist the formulation of their financial offers (“**Bid**”). This RFP includes statements, which reflect various assumptions and assessments arrived at by Transport Department, Chhattisgarh in relation to this scope. This Tender document does not purport to contain all the information each Bidder may require. This Tender document may not be appropriate for all persons, and it is not possible for the Transport Commissioner, Transport Department, Chhattisgarh and their employees or advisors to consider the objectives, technical expertise and particular needs of each Bidder. The assumptions, assessments, statements and information contained in the Bid documents, may not be complete, accurate, adequate or correct. Each Bidder must therefore conduct its own analysis of the information contained in this RFP and to seek its own professional advice from appropriate sources.

Information provided in this Tender document to the Bidder is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. Transport Department, Chhattisgarh accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein.

Transport Department, Chhattisgarh and their employees and advisors make no representation or warranty and shall incur no liability to any person, including the Bidder under law, statute, rules or regulations or tort, the principles of restitution or unjust enrichment or otherwise for any loss, cost, expense or damage which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, reliability or completeness of the RFP, and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.

Transport Department, Chhattisgarh also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP. Transport Department, Chhattisgarh may in its absolute discretion, but without being under any obligation to do so, can amend or supplement the information in this RFP.

The issue of this Tender document does not imply that Transport Department, Chhattisgarh is bound to select a Bidder or to appoint the Selected Bidder (as defined hereinafter), for implementing of ANPR at Select locations in Chhattisgarh State and Transport Department, Chhattisgarh reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by Transport Department, Chhattisgarh or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and Transport Department, Chhattisgarh shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation for submission of the Bid, regardless of the conduct or outcome of the  
Selection process.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

### Glossary

Terms	Meaning
BOM	Bill of Material
BEC	Bidders Evaluation Committee
Bidder	Sole Bidder or the Consortium of firms in case of Consortium
CC	Capital Cost (CC1-Capital Cost1,CC2- CapitalCost2)
CCTV	Closed Circuit Television
TC	Transport Commissioner
DD	Demand Draft
EMD	Earnest Money Deposit
GIS	Geographical Information Systems
GoC	Government of Chhattisgarh
ICT	Information and Communication Technology
INR	Indian Rupee
LoI	Letter of Intent
NPV	Net Present Value
OEM	Original Equipment Manufacture
PBG	Performance Bank Guarantee
PDD	Proposal Due Date
PoC	Proof of Concept
PQ	Pre-Qualification
PSU	Public Sector Undertaking
RFP	Request for Proposal

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

PV	Present Value
RV	Revenue value
SI	System Integrator / Successful Bidder
SLA	Service Level Agreement
TQ	Technical Qualification
VM	Virtual Machine

## 1. Introduction

### 1.1. Project Background

The state of Chhattisgarh witnesses huge revenue loss as goods vehicles deliberately or unintentionally take to slip roads avoiding tax collection points. To put a check on this scenario and as a step towards automation of tax collection in future, the Transport Department has planned to set up ANPR systems on the identified slip roads to capture the registration plates of commercial vehicles as they pass through these roads and check the status of the tax payable. If the tax is found pending, appropriate challan can be generated along with

The major activities envisaged in this project are listed below. The scope of the Implementation Agency is not limited to these functions only.

- Setup ANPR system on all the lanes of the carriageway at the identified locations; through camera and associated accessories
- Setup pole/gantry at the location
- Put up secure junction box to house all accessories like UPS, network switch, cable connectors, etc.
- Establish local data storage or in to the network or web based access
- Install software for data storage and processing, recognition of vehicles and issuing challans
- Generate on-demand and periodic reports
- Training and capacity building for the personnel designated by the Authority
- Operation and Maintenance of the system for the period specified in this RFP.

### Project Objectives

The broad objectives of the project are as follows:

- a. **Recognition of goods vehicles plying on the monitored roads:** Number plate recognition of all vehicles crossing the point of observation and filtering out commercial vehicles
- b. **Checking for payment of Road Tax:** After recognizing the vehicles, the system should check for any tax paid on that date , fitness , insurance , permit etc by connecting to central database for commercial vehicles tax data. If not, then challan to be issued appropriately by concerned authorities.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- c. **Revenue for Transport Department:** The entire exercise is expected to help bring in the revenue that is being lost due to such evasion.

### 1.2.1. E-Challan System

The ANPR project intends to provide the facility for the vehicle detection. The State of Chhattisgarh has existing e-challan system that is used for generating challans against violations.

## 2. System Architecture

The envisaged system shall follow the best in industry architecture. The bidder shall build the final architecture based on the proposed solution and submit the same for approval to the authority at the commencement of the project.

## 3. Scope of Services for the Project

### 3.1. Overview

The SI has to ensure the successful implementation of the proposed Automatic Number Plate Recognition (ANPR) system and provide capacity building support to authorities as per the scope of services envisaged below. Any functionality not expressly stated in this bidding document but required to meet the needs of the organization to ensure successful operations of the system shall essentially be under the scope of the SI and for that no extra charges shall be admissible.

The SI's scope of work shall include but will not be limited to the following broad areas. Details of each of these broad areas have also been outlined in subsequent sections of this document:

1. **Scoping and Feasibility Study:** Conduct a detailed scoping study and develop a comprehensive project plan, including:
  - a. Feasibility study for finalization of detailed technical architecture and project plan
  - b. Site surveys to identify need for ANPR camera location, pole locations, junction box locations, etc.
  - c. Site Clearance obligations & other relevant permissions.
2. **Indicative list of Field Equipment:** Design, Supply, Installation and Commissioning of following field equipment envisaged in ANPR:
  - a. Fixed Camera
  - b. ANPR Camera
  - c. Recorder with Storage of 60 Days
  - d. Poles (Cantilever/gantry) for installation
  - e. UPS

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- f. Network Switches
  - g. All wiring to the components
  - h. Junction Boxes
3. **Network Connectivity:** Design, Supply, Installation and Commissioning of Network & Backbone Connectivity for ANPR if connectivity based solution is proposed in place of storage based solution
- a. Developing necessary connectivity for ANPR
4. **Hardware and Software Infrastructure:** Design, Supply, Installation and Commissioning of ANPR application software on Cloud with web based viewing at nodes.
- a. Cloud hosted platform for ANPR system
  - b. Application Integration Services
5. **Capacity Building:** Preparation of operational manuals, training documents and capacity building support, including:
- a. Preparation and implementation of the Information security policy, including policies on backup and redundancy plan.
  - b. Training of the transport personnel on operationalization of the system
  - c. Acceptance testing
  - d. System Documents, User Documents
6. **Warranty and Annual Maintenance:** provide maintenance services for the software, hardware and other IT infrastructure installed as part of ANPR project for a period of 1years.
7. **Operations Monitoring & Management:**

The System Integrator shall monitor operations of the ANPR system including adherence to SLAs, generation of periodic reports, management of day-to-day activities and all such tasks that are necessary for the successful operation of ANPR

### **3.2. Geographical Scope of services**

The ANPR system is planned to be installed at 10 locations across the state of Chhattisgarh. Location may increase or decrease .

#### **4. PREPARATION OF BIDS**

##### **LANGUAGE OF BID:**

The bid documents relating to the bid between the bidder and the Government shall be in **English language only**.

##### **MANNER OF SUBMISSION OF DOCUMENTS**

**The complete bid document should be submitted in Transport Commissioner office only.**

The Bidder shall complete the Eligibility Criteria and then furnish Financial Bid furnished with this document giving details as per the format mentioned in the RFP. Telex, cable, e-mailed or facsimile bids will be rejected.

The Bidder's representative who is present shall sign an attendance register evidencing their attendance. In the event of the specified date of bid opening being declared holiday for the tendering authority, the bid shall be opened at the appointed time and location on the next working date.

Prices shall be quoted in Indian Rupees Only inclusive of all taxes.

The EMD and Bidder Fee needs to be submitted in hard copy at:  
Transport Commissioner Office,

3<sup>rd</sup> Floor, Block

Indrawati Bhawan, Raipur-492007

The documents received post schedule time will be rejected.

#### **2.1. Submissions of Bids**

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- A complete set of tender documents is available at <http://www.cgtransport.gov.in> for viewing and download. All the notification & detailed terms and conditions regarding this tender notice here after will be published online on <http://www.cgtransport.gov.in> .The guidelines to download the tender documents
- The tender fee shall be non-refundable.
- All the pages of the Bid must be sequentially numbered and should be indexed properly. Any deficiency in the documentation may result in the rejection of the Bid. The Purchaser will not accept delivery of the Bid by fax/e-mail or any other electronic/non-electronic means other than that in the hard copy as prescribed in this RFP. Late bids i.e. bids submitted beyond the prescribed deadline of submission shall not be accepted.
- The Bidder should take into account any Corrigendum to this RFP document that may have been published before submitting their Bids. The Bid should be submitted in four covers as mentioned below:

Cover Number	Cover Name	Content	Number of Copies
One	Label containing “EMD”, RFP Name and Number, Bidder Name and Cover Number	Letter of Authorization, EMD (Original documents to be submitted).	1 in Original
Two	Pre-Qualification bid with the label containing “Pre-Qualification bid”, RFP Name and Number, Bidder Name and Cover number	Pre-Qualification RFP documentp along with the required supporting documents.	Two Printed Copies (1 Original and 1 Copy) and 1 Soft Copy in DVD/pen drive
Three	Commercial bid with the label containing with “Commercial bid”, RFP Name and Number, Bidder Name and Cover number and “CONFIDENTIAL”	Commercial Bid as per Annexure 14	1 Printed Copy in original
Four	Outer Cover with the label containing, RFP Number, Bidder Name, “Proposal for <RFP Name and Number> and “DO NOT OPEN BEFORE <Bid Opening Date and Time>, Bidder Name and Address	Cover 1,2,3	N/A

- The Bidders are requested to go through the RFP advertisement and the RFP carefully to under-

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

stand the documents required to be submitted and the process to be followed as a part of the Bid. Any deviations may lead to rejection of the Bid.

- The Bidder should try to submit the Bid well before the last date and hence to avoid any inconvenience at the last moment. The Bid submission date and time are mentioned in the “Bidding Data Sheet”, Volume 1 of this RFP. The Bidder will not be allowed to submit the Bid after the Bid submission time.

### **4.3.b BID PRICES**

4.3.1. The Bidder shall fill in rates and prices both in figures and words in Financial Bid Form.

### **BID VALIDITY**

Bid shall remain valid for a period not less than **180 days** after the deadline for bid submission.

Bids, which are valid for a shorter period than that required by the Transport Commissioner shall be treated as non-responsive and rejected.

In exceptional circumstances, prior to expiry of the original validity period, the Transport Commissioner may request the bidders to extend the period of validity for a specified additional period. The request and the bidder’s responses shall be made in writing. Refusal of the bidder to extend the validity period will not entail forfeiture of his Earnest Money Deposit. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his offer along with his consent to keep the Earnest Money Deposit also valid for the extended valid period as requested

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State  
by the Transport Commissioner.

### **ALTERNATIVE PROPOSALS BY BIDDERS**

4.5.1. Bidder shall submit offer that fully complies with the requirements of the bidding documents, including the conditions of Contract, basic technical design as indicated in the specification part. Conditional offers or alternative offers will not be considered in the process of bid evaluation and are liable to be rejected summarily.

### **SIGNING OF THE BID**

If a company, it shall be signed by a duly authorized person holding power of attorney for signing the bid document, in which case a notarized copy of the power of attorney shall accompany the bid.

If the bid is submitted by a Consortium, the authorized representative of the Consortium shall sign the bid documents. A Notarized copy of the Consortium Agreement, power of attorney to the authorized representative, signed by legally authorized signatories of all the members of the Consortium shall accompany the bid document

The bid shall ordinarily contain no alterations or additions, except those to comply with instructions issued by the Government, or as may be necessary to correct errors made by the bidder, in which case the person or persons signing the bid shall initial such corrections.

Full names, occupations, address and date shall be provided below their signatures of all witnesses and sureties.

### **SEALING AND MARKING OF THE BID**

The EMD and Bid Fee must be received at the address specified not later than schedule time and date. In the event of the specified date for the submission of bids being declared a holiday, for any reason, the bids will be received up to the appointed time on the next working day.

The Government may extend the deadline for submission of bids by issuing an amendment in which case all rights and obligations of the Employer and the bidders previously subject to the

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

original deadline will then be subject to the new deadline.

Prices in any form or by any reason in Technical or before opening the Financial Bid should not be revealed, failing which the offer shall be liable to be rejected.

### **MODIFICATION OF BIDS**

No bid will be allowed to be modified after the deadline for submission of the bids.

4.8.2. Withdrawal or modification of bid between the deadline for submission of bids and expiry of the original period of the bid validity or as extended shall result in the forfeiture of the Earnest Money Deposit and shall disqualify the bidder for future bidding.

### **LOCAL CONDITIONS**

It will be imperative on each Bidder to fully acquaint himself with the local conditions and factors which would have any effect on the performance of the Contract and /or the cost.

### **ADDRESS FOR CORRESPONDENCE**

The Bidder shall designate the official mailing address and place to which all correspondence shall be sent by the Transport Commissioner.

### **DISQUALIFICATION OF BIDS**

The Bidder shall be disqualified if the bidder made misleading or false representation in the forms, statements and attachments submitted or been debarred by the Government as on the date of submission

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State  
of bid.

## **OPENING OF BIDS AND EVALUATION**

### **Pre qualification /Technical BID**

The Pre qualification and Technical bid will be opened first to verify its contents as per the requirement.

It is imperative for all the bidders to furnish all the documents and evidences as per RFP. If the documents submitted do not meet the requirements, the financial bid shall not be considered further for evaluation. The Transport Commissioner reserves the right to ask for the missing/incomplete information/Historical data. Scrutiny and evaluation of contents of technical bid may take some time. A suitable date and time of opening of financial bid will be intimated and it shall be opened in the presence of only those bidders whose financial bid is to be opened.

The EMD and Bidder Fee must be submitted before the stipulated time in a sealed envelope.

### **FINANCIAL BID**

Financial bid of only those bidders who have been found qualified shall be opened in the presence of the bidders or their representative, who choose to attend at the time and the place which will be communicated to them in advance. The financial bid shall be read out to the Bidders present at the time of opening.

### **PROCESS TO BE CONFIDENTIAL**

Information relating to the process of examination, clarification, evaluation, and comparison of bids and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with such process. Any effort by a bidder to influence the Transport Commissioner's processing of bids or award decisions may result in the rejection of his bid.

**PRELIMINARY EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS**

Prior to the detailed evaluation of bids, the Scrutiny Committee will determine whether each bid:

- i. Has been properly signed
- ii. Is accompanied by the required securities.
- iii. Is substantially responsive to the requirements of the bidding documents.

For the purpose of bid evaluation, a substantially responsive bid is one, which conforms to all the terms, conditions and specification of the bidding documents without any deviation or reservation. A deviation or reservation is one:

1. that affects in any substantial way the scope, quality or performance of the project.
2. that limits in any substantial way, is inconsistent with the bidding document, the Government rights or the bidder's obligations under the contract or
3. Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

If a bid is not substantially responsive, it will be rejected by the Transport Commissioner and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

**CRITERIA FOR EVALUATION OF BIDS**

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Evaluation will be carried out by Scrutiny Committee on the basis of the information supplied by the bidders

Bids will be evaluated based on the technical qualifications and financial capabilities as stipulated in RFP. Further if necessary, inspection of the facilities or material shall be carried out by Technical Experts/Department Officials appointed by the Transport Commissioner.

### **CORRECTION OF ERRORS**

Bids determined to be substantially responsive will be checked for any arithmetic errors and where there is a discrepancy between the amount in figures and in words, the lesser of the two will govern.

### **CURRENCY FOR BID EVALUATION**

The unit rates and the prices shall be quoted by the bidder in Indian Rupees Only.

Bid will be evaluated on the basis of all calculations in Indian Currency only.

### **EVALUATION AND COMPARISON OF BIDS**

Tender scrutiny committee appointed for the purpose will evaluate and compare bids determined to be substantially responsive.

In evaluation of the bids, the Transport Commissioner will determine for each bid the Evaluated Bid Price

**CRITERIA FOR AWARD OF CONTRACT**

4.19.1. The Transport Commissioner will award the Contract to bidder whose bid has been determined to be substantially responsive to the bidding document and has been found eligible and whose offer is received lowest sum total of the weighted rates.

**RIGHT TO ACCEPT ANY BID TO REJECT ANY OR ALL BIDS BY THE TENDER ACCEPTING AUTHORITY**

The decision of the Transport Commissioner regarding the opening, evaluation, qualification and award of the bid shall be final and binding on all the bidders.

The Transport Commissioner reserves the right to reject any or all offers received from the bidders without assigning any reason.

**NOTIFICATION OF AWARD**

The bidders whose bid has been accepted will be notified of the award by the Transport Commissioner prior to expiry of the bid validity period by Email/ Fax and confirmed by registered letter called the "Letter of Acceptance".

The notification of award will constitute the formation of the Contract, subject only to furnishing of a performance security in accordance with the provisions.

**PERFORMANCE SECURITY**

Within 15 days of receipt of the letter of work order, the successful bidder and in the case of Consortium any of the members shall furnish the performance security to the Transport Commissioner in the Form prescribed, for an amount of 5% of contract value by way of:

- a) Banker's Cheque/Bank Draft / fixed deposit receipt drawn in favour of the Transport Commissioner, THE STATE OF CHHATTISGARH.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

OR

b) A bank guarantee in the format from any Nationalized or Scheduled Bank of India.

Failure of the successful bidder to comply with deposit of the performance security within 15 days shall lead to cancellation of the award and forfeiture of the Earnest Money Deposit.

The Performance Security will be returned to the bidder only after Completion of the period of agreement WITHOUT INTEREST on satisfactory execution and completion of the Contract

### **SIGNING OF AGREEMENT**

At the same time the Transport Commissioner notifies to the successful bidder that his bid has been accepted, he will be directed to attend the Office of the Transport Commissioner on a date determined for signing the formal agreement between the parties.

The agreement will be signed by the authorized persons, Upon signing the agreement with the successful bidder, the Transport Commissioner will notify other bidders that their bids have not been accepted and will return their Earnest Money Deposit.

### **INDEMNITY: -**

(a) The Sole Bidder / Lead Bidder (in the case of Consortium) shall be responsible for the issue of any substandard defective material and if any Legal, Financial liabilities arise due to above, in no case Transport Department will be responsible.

(b) The Sole Bidder / Lead Bidder (in the case of Consortium), at his / her / their own responsibility and risk, is encouraged to visit and examine the Site of required Services and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for the Services. The costs of visiting the Site shall be at the Bidder's own expense.

### **CORRUPT OR FRAUDULENT PRACTICES**

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

The Government requires that all the bidders should observe the highest standard of ethics. Pursuant to this policy, the Government:

a) Defines, for the purposes of this provision, the terms set forth as follows:

i) “Corrupt Practice” means on the part of the officials in the public or private sector by which they improperly and unlawfully enrich themselves and / or those close to them, or induce others to do so, by misusing the position in which they are placed and it includes the offering, giving, receiving or soliciting of anything of value.

ii) “Fraudulent Practice” means a misrepresentation of facts in order to influence an evaluation process or execution to the detriment of the Transport Commissioner and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid price at artificial noncompetitive level and to deprive the Transport Commissioner of the benefits of free and open competition.

b) Will reject a proposal for award if Transport Commissioner determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.

c) Will declare a firm ineligible, either indefinitely or for a stated period of time, if it any time determines that the firm has engaged in corrupt or fraudulent practice in competing for or in executing, this project.

d) The bidder shall furnish a list of Court Cases / Litigations in contractual matters involving the bidder along with the bid document.

### **Pre-Qualification Criteria**

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

The Pre-Qualification Criteria for the selection of the vendor are given below.

#	Criteria	Required Eligibility	Document Required
<b>Eligibility Criteria and Documents Required to Establish Eligibility</b>			
1.	Registration	<p>The Bidder must be a registered company(as per companies' act 1956) or firm in India and shouldbe in the business &amp; have been operational at least for last 10 years as on date of bid submission.</p> <p>The consortium member must be a company/firm registered in India It could be a sole Proprietorship/Partnership/LLP/Private Limited Company or firm</p>	<ul style="list-style-type: none"> <li>• Certificate of Incorporation / Registration under Companies Act, 1956 / 2013 and its subsequent amendments/ MSME Certificate</li> <li>• Copy of Memorandum and Articles of Association/MSME Certificate</li> <li>• Copy of GST Registration Certificate</li> <li>• Copy of PAN Card</li> </ul>
2.	Turnover/Net worth	The Bidder/consortium member should have an average annual turnover of at least 05 Crores INRduring last 3 financial years from ICT (information and communication technologies) based business.	<ul style="list-style-type: none"> <li>• Audited financial statement for last 3 financial years of the sole bidder</li> <li>• Certificate from the Chartered Accountant / Statutory Auditor / Company Secretary clearly specifying the average annual turnover from ICT based business and year-on-year bifurcation for last three years.</li> </ul>
3.	Net worth	The Lead Bidder should have positive net worth as on date of bid submission.	<ul style="list-style-type: none"> <li>• Certificate from the Statutory Auditor clearly specifying the Net Worth</li> </ul>
4.	Blacklisting	As on date of submission of the proposal, all the consortium members and its OEM shall not be under a declaration of ineligibility for corrupt or fraudulent practices with any of the State government/ Central Government / semi government / PSU / Municipal agencies/Any Government agencies in India as on date of bid submission.	<ul style="list-style-type: none"> <li>• Undertaking by the authorized signatory of the bidder</li> </ul>
5.	Experience	The Bidder/consortium member must have a proven track record of successfully implementing at least one ITS-Projects related to Vehicle detection or Vehicle Identification or Vehicle Management or Toll Fee Collection or traffic junction including ANPR Cameras etc.	<ul style="list-style-type: none"> <li>• Work orders and client completion certificate mentioning the details as mentioned in the criteria</li> </ul>

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

#	Criteria	Required Eligibility	Document Required
6.	Experience	The bidder should have successfully implemented at least 10 lanes with vehicle detection or vehicle management or toll fee collection system or traffic junction or vehicle transactions of 1000 vehicles per month	<ul style="list-style-type: none"> <li>• Work orders and client completion certificate mentioning the details as mentioned in the criteria (Self declaration / system reports for showing vehicle processing.)</li> </ul>
7.	ISO/CMMI	The Lead bidder/consortium member should possess following certifications, valid at the time of bidding: <ol style="list-style-type: none"> <li>ISO 9001:2015</li> <li>ISO 27001</li> </ol>	<ul style="list-style-type: none"> <li>• Copies of valid certificates</li> </ul>
8.	Manpower	The bidder shall have qualified manpower of more than 20 employees working in the design, development and implementation of ICT (information and communication technologies) related projects as on date of bid submission.	<ul style="list-style-type: none"> <li>• Certificate from the HR department of the bidder for the number of technically qualified professionals employed in the company</li> </ul>
9.	<b>Tax registration and clearance</b>	The bidder must have a valid: <ul style="list-style-type: none"> <li>• GST Registration</li> <li>• Certificate Income Tax Registration, PAN</li> </ul>	<ul style="list-style-type: none"> <li>• Copies of relevant Certificates of Registration</li> </ul>
10.	OEM / Manufacturer's Authorization Form	In case the OEM is not participating directly, bidder should be an authorized reseller or channel partner of the OEM. An authorization letter from the OEM need to be submitted in original.	<ul style="list-style-type: none"> <li>• MAF/OEM Certificate in prescribed format</li> <li>• MAF must be provided for all the components except for Power Cables, AC, Lightning Arrestor, Earthing</li> <li>• Without proper MAFs bids may be rejected.</li> </ul>
11.	Common OEM for Solution:	<ul style="list-style-type: none"> <li>• Proposed Cameras, NVR, Joystick, should be preferably from same OEM.</li> </ul>	<ul style="list-style-type: none"> <li>• All make and models should be clearly mentioned in the Unpriced BOM to be</li> </ul>

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

#	Criteria	Required Eligibility	Document Required
		<ul style="list-style-type: none"> <li>All type of UPS should be from same OEM.</li> </ul>	submitted as a part of PQ documents.
12.	OEM Criteria	1. OEM should have own online-dedicated CCTV support center available during working hours and a fully equipped repair and maintenance office in India. 2. CCTV OEM should have presence in India for the past ten years with a service center and toll free number. 3. OEM should have <b>own</b> factory in INDIA .	1. Undertaking needs to be submitted with bid on OEM Letter Head 2. Certification of Incorporation needs to be submitted with bid. 3. CCTV OEM should produce own INDIA factory license that prove OEM.

Note:

1. maximum 2 member in consortium is allowed (including lead member)
2. Credential of all consortium members are clubbed for evaluation purpose
3. Bidders can submit experience in terms of technical qualification of their company only.

**2.15 Technical Evaluation**

the Technical Bids will be opened and evaluated against Technical Qualification Parameters explained in the RFP. The **Total Technical Score (TS)** will be calculated out of 100 Marks, and shall be evaluated as per the table provided, and the bidder scoring at least 70 marks shall be considered for opening of financial/commercial bid.

1.	Turnover/Net worth	The Bidder/consortium member should have an average annual turnover of at least 05 Crores INR during last 3 financial years from ICT (information and communication technologies) based business.	<u>Average annual turnover:</u> <05 crore = Disqualified >=05 crore and <15 crore = 05 marks >=15 crore and <20 crore = 10marks >=20 crore = 15 marks •
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RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

2.	Experience	The Bidder/consortium member must have a proven track record of successfully implementing at least one (1) ITS-Projects related to Vehicle Identification, Vehicle management, Toll Fee Collection including ANPR Cameras etc.	<p>1 project = 10 marks                  2 projects =20 marks                  3 or more projects=30 marks</p>
3.	Experience	The bidder should have successfully implemented at least 10 lanes with vehicle detection or vehicle management or toll fee collection system or traffic junction or vehicle transactions of 1000 vehicles per month	<p>vehicle management system / fee collection system</p> <p>&lt;10 Lane or &lt;1000 vehicles = Disqualified</p> <p>&gt;=10 Lane and &lt;20 lane or &gt;=1000 vehicles and &lt;2000 vehicles = 05 marks</p> <p>&gt;=20 Lane and &lt;30 Lane or &gt;=2000 vehicles and &lt;3000 vehicles = 10 marks</p> <p>&gt;=30 Lane and &lt;50 Lane or &gt;=3000 vehicles and &lt;5000 vehicles = 15 marks</p> <p>&gt;=50 Lane or &gt;=5000 vehicles= 20 marks</p>
4.	ISO/CMMI	The Lead bidder/consortium member should possess following certifications, valid at the time of bidding: a. ISO 9001:2015 b. ISO 27001	<ul style="list-style-type: none"> <li>• 1 certificate =03 marks</li> <li>• 2 certificates =05 marks</li> </ul>
5.	Manpower	The bidder shall have qualified manpower of more than 20 employees working in the design, development and implementation of ICT (information and communication technologies) related projects as on date of bid submission.	<p><u>Manpower:</u></p> <p>&lt;20 = Disqualified                  &gt;=20 and &lt;50 = 05 marks                  &gt;=50 and &lt;100 = 10 marks                  &gt;=100 = 15 marks</p>
6.	<b>Proposed Solution:</b> Bidders must demonstrate their understanding	<b>i.</b> Bidders understanding of the project, Approach, Methodology and Solution proposed and its components, Proposed Technical Architecture covering Integration approach,	<u>15 Marks</u>

		security.	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

of the Transport Department's requirements by providing:		
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Note-Any qualifying or technical criteria specified in RFP can be fulfilled by any member of consortium or it can be jointly fulfilled by all member of consortium.

### Commercial Evaluation

- a. The Commercial Bids of all the technically qualified bidders, (i.e. bidders securing at least 70 marks out of 100 in technical evaluation) will be opened on the prescribed date in the presence of all such bidder representatives.
- b. The commercial Bids format shall be as per [RFP](#)
- c. After opening of the Commercial Bids of Bidders qualifying in technical qualification criteria- a the TEC shall calculate Composite Score of all the technically qualified bidders shall be submitted to TDC along with recommendations.
- d. The bid price inclusive of all cost but excluding all the statutory government taxes and levies.
- e. Bidder with the Lowest "Financial Score (FS)" will be declared L1 i.e. the successful bidder.
- f. The bidder with subsequent Lowest "Financial Score (FS)" will be considered as L2, L3, and so on.
- g. "L1 , L2 and L3" means That L1 shall be the bidder which has been technical qualified and has found to be lowest financial bid/offer. That the L2 shall be the bidder which has been technical qualified and has found to be highest than that the L1 but lowest than that of other bidders. the L3 shall be the bidder which has been technical qualified and has found to be highest than that the L1 and L2 but lowest than that of other bidders
- h. Transport commissioner will empanel "L1 , L2 and L3" bidder if L2 And L3 agree to work on the the rate of L1.
- i. Empanelment of vendor doesn't arise any right of work from transport commissioner. empanelment process simply mean that transport commissioner may issue a work order to impaneled vendor as and when required.
- j. Empanelment will be valid for 3 year from date of empanelment
- k. In case of successful bidder getting rejected (fails to perform the duty up to the satisfaction of the TDC), disqualified, or not agreeing to undertake the project for any reason, next lowest bidder may be offered to match L1 bidder's Commercial Bid.
- l. If L2 bidder fails to accept the offer or gets rejected or disqualified, then the same offer may- be given to the next lower bidders in the order of sequence, i.e. L4, L5, and soon.
- m. On the declaration of a Successful Bidder, TDC shall issue a Letter of Intent (LoI) to the Successful Bidder.
- n. Successful Bidder shall submit Letter of Acceptance (LoA) on receipt of LOI from TDC as per the time lines defined in the RFP.
- o. If commercial bids received are deemed as exceptionally higher than the prevailing market

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

rates, TDC may reject one or all the bids and /or annul the bidding process.

### Financial Score

Commercial envelope of only those bidders who has obtained minimum 70 marks in Technical Evaluation (along with presentation) shall be opened by the department. Each of the Commercial bids shall be evaluated on a score of 100 points on the basis that points obtained are inversely proportional to the Price quoted and vice- versa. The methodology of scoring will be as follows:

$$\text{Bidder Commercial Score} = \frac{100 * (\text{Total Commercial Quote of the Lowest Quote Bidder})}{(\text{Total Commercial Quote of the Bidder})}$$

- a. The final evaluation shall be done by the department and the decision taken by the department shall be final & binding.
- b. Bidder securing the highest “Financial Score (FS)” will considered as successful bidder and be preferred for the award of contract.
- c. In the event of two or more bidders securing exactly the same Financial Score (FS), then TDC reserves the right to declare the bidder whose Technical Score (CS) is highest, among the bidders who have secured exactly the same Financial Score(FS) as preferred bidder.
- d. In event of two or more bidders securing exactly same Financial Score(FS)as well as secured exactly same Technical Score(TS), TDC reserves the right to call for Re- Bid from only such bidders. Such Re-Bid shall only be for Commercial Bids. However, such revised quotes shall not be greater than the prices earlier quoted by the bidders in tie.
- e. Within the bid validity period and before signing of the contract, if the successful bidder fails to perform the duty up to the satisfaction of the TDC as mentioned in the RFP, or is disqualified or not agreeing to undertake the project for any reason, the second ranked Bidder shall be kept in reserve and maybe invited in case the first ranked Bidder withdraws, or fails to comply with the requirements. Second rank bidder shall match the price whichever is low between his quoted price or price quoted by first rank- bidder.

### Feasibility study for finalization of details technical architecture and project plan

After signing of contract, the Systems Integrator needs to deploy the team proposed for the project and ensure that a Project Inception Report is submitted to the Transport Department which should cover following aspects:

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

1. Names of the Project Team members, their roles & responsibilities
2. Approach & methodology to be adopted to implement the Project (which should be in line with what has been proposed during bidding stage but may have value additions/ learning in the interest of the project).
3. Responsibility matrix for all stake holders
4. Risks the bidder anticipates and the plans they have towards their mitigation.
5. Detailed Project Plan, specifying dependencies between various project activities / sub-activities and their timelines.

The SI as part of the feasibility study shall also conduct a comprehensive As-Is study of the locations provided for ANPR setup.

Additionally, the System Integrator should provide as part of feasibility report the detailed To-Be designs specifying the following:

- High Level Design (including but not limited to)
  - Application architecture documents
  - ER diagrams and other data modeling documents
  - Logical and physical database design
  - Data dictionary and data definitions
- Application component design including component deployment views, control flows, etc.
- Field equipment deployment architecture
- Low Level Design (including but not limited to)
  - Application flows and logic including pseudo code
  - GUI design (screen design, navigation, etc.)
  - Database architecture, including defining data structure, data dictionary as per standards laid down by Government of India/Government of Chhattisgarh
- Placement of all field systems and components proposed at the given locations,
- Height and foundation of Poles for Camera.
- Height and foundation of Poles, cantilevers, gantry and other mounting structures for other field devices
- Location of Junction Box

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- Location of PoP
- Design of Cables, Ducts routing, digging and trenching
- Electrical power provisioning

The SI shall also identify the customizations/ work around that would be required for successful implementation and operation of the project.

The feasibility report of the SI shall also include the detailed Technical Architecture which should take in to consideration following guiding principles:

1. **Scalability** - Important technical components of the architecture must support scalability to provide continuous growth to meet the growing demand of the city traffic. The system should also support vertical and horizontal scalability so that depending on changing requirements from time to time, the system may be scaled up wards. There must not be any system-imposed restrictions on the upward scalability in number of field devices. Main technological components requiring scalability are Storage, Bandwidth, Computing Performance (IT Infrastructure), Software / Application performance. In quantitative terms, there may not be major change in number of Command Centers. However, number of field locations could increase with time.
2. **Availability**- Components of the architecture must provide redundancy and ensure that are no single point of failures in the key project components. Considering the high sensitivity of the system, design should be in such a way as to be resilient to technological a botage. To take care of remote failure, the systems need to be configured to mask and recover with minimum outage. The bidder shall make the provision for high availability for all the services of the system.
3. **Security** - The architecture must adopt an end-to-end security model that protects data and the infrastructure from malicious attacks, theft, natural disasters etc. Successful bidder must make provisions for security of field equipment as well as protection of the software system from hackers and other threats. Using Firewalls and Intrusion detection systems such attacks and theft should be controlled and well supported (and implemented) with the security policy. The virus and worms' attacks should be well defended with Gateway level Anti-virus system, along with work station level Anti-virus mechanism. There should also be an endeavor to make use of the SSL/VPN technologies to have secured communication between Applications and it send users. The objective is to utilize SSL/VPN technologies for secured communication between Applications and its end users. SI may choose to achieve this functionality though appropriate technical solution.

Furthermore, all the system logs should be properly stored & archived for future analysis and forensics whenever desired. Transport Department, Chhattisgarh may carry out the Security Audit of the entire system in approx. 6 months of Acceptance / operationalization through a Third-Party Auditor (TPA), a separate organization appointed by the Transport Department or it's /existing consultant.

The following guidelines need to be observed for security:

- a. Build a complete audit trail of all activities and operations using log reports, so that errors in system—intentional or otherwise—can be traced and corrected.
- b. The most appropriate level of security commensurate with the value to that function for

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

which it is deployed must be chosen

- c. Access Controls must be provided to ensure that the system is not tampered or modified by the system operators.
  - d. Implement data security to allow for changes in technology and business needs.
4. **Manageability** - Ease of configuration, ongoing health monitoring, and failure detection are vital to the goals of scalability, availability, and security and must be able to match the growth of the environment.
  5. **Interoperability**-The system should have capability to take inputs from other third -party systems as per situational requirements.
  6. **Open Standards** - System should use open standards and protocols to the extent possible without compromising on the security.
  7. **Inspection**–Client reserves the right to appoint any Third – Party Agency during the entire phase of the project

Sub-contracting / Outsourcing shall be allowed only for the work which is allowed as mentioned in the clause with prior written approval of the Transport Department. However, even if the work is sub-contracted/outsourced, the sole responsibility of the work shall lie with the bidder. The bidder shall be held responsible for any delay/error/non-compliance etc. of its sub-contracted vendor.

Site Clearance obligation & Other relevant permissions

### Survey and Commencement of Works

Prior to starting the site clearance, the SI shall carry out survey of field locations for buildings, structures, fences, trees, existing installations, etc. The Transport Department, Chhattisgarh shall be fully informed of the results of the survey and the amount and extent of the demolition and site clearance shall then be agreed with the TransportDepartment, Chhattisgarh .

### Electrical works and power supply

The Transport Department, Chhattisgarh shall facilitate, if any documentation is required from its side. SI shall be responsible for provisioning of requisite electricity power. Recurring electricity charges (during operational phase) will be born by transport department.

### Lightning – proof measures

- d. The Contractor shall comply with lightning – protection and anti–interference measures for system structure, equipment type selection, equipment earthing, power, signal cables laying. The Contractor shall describe the planned lightning-protection and anti–interference measures in the feasibility report.
- e. Corresponding lightning arrester shall be erected for the entrance cables of powerline, video line, data transmission cables. All crates shall have firm, durable. Shall have dust proof, anti fouling, water proof functions; capable to bear certain mechanical external force.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- f. Signal separation of low and high frequency; equipment protective field shall be connected with their own public equal power bodies; small size/equipment signal lightning arresters shall be erected before the earthing.

### **Design, Supply, Installation and Commissioning of the Field Equipment**

The Scope includes Supply, Installation, commissioning and Customization (as required) of various filed systems which include ANPR at selected locations and other IT infrastructure required for successful operation of the ANPR modules.

Based on the approved feasibility report, the SI will undertake the system configuration and customization in line with the changed, improved or specific requirements of Transport Department, Chhattisgarh including:

- g. The implementation methodology and approach have to be based on the global best practices in order to meet the defined Service Levels during the operation.
- h. Best efforts have been made to define major functionalities for each sub- system of ANPR. However, Supplier should not limit its offerings to the functionalities proposed in this RFP and is suggested to propose any functionality over and above what has already been given in this tender.
- i. The SI shall design the field level equipment architecture to ensure maximum optimization of network equipment, poles, cantilever, mounting infrastructures, power supply equipment including, electric meters and junction box.
- j. Finally approved / accepted solution for each component of ANPR shall be accompanied with "System Configuration" document and the same should be referenced for installation of ANPR at the locations that are identified within the scope of this project.
- k. The system integrator shall be required to submit a detailed installation report postinstallation of all the equipment at approved locations. The report shall be utilized during the acceptance testing period of the project to verify the actual quantity of the equipment supplied and commissioned under the project.
- l. The SI shall be responsible for obtaining all permits and approvals necessary to install the ANPR components as per the approved design.

The broad scope of work to be covered under ANPR module will include the following, but is not limited to:

- a) **Preparation of Project Blue print:** The SI shall study the Locations for the installation of ANPR Solution on Field s well as the existing E-challan System in order to integrate the ANPR Solution with Challaning System.
- b) **Conduct a survey:** of all locations to identify the customization or additional installations needed to deploy a standardized ANPR solution as per the functional requirements mentioned in this RFP and submit a document on the Gap analysis / customization requirements.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- c) Design, Implementation, Customization, Integration with existing Systems & Maintenance of ANPR System

This shall consist of following activities:

- i. Preparation of Solution Architecture and Gap Analysis as per project blueprint to develop a final BOQ for installation.
- ii. Installation of cameras, poles, cantilevers and other required accessories for successful operation of the ANPR for Transport Department, Chhattisgarh.
- iii. Installation of ANPR software application as per the functional requirements specified by Transport Department, Chhattisgarh.
- iv. Procurement and supply of requisite licenses (Commercial off the shelf-COTS) software required for successful functioning of the ANPR module.
- v. Integration of ANPR system with existing applications
- vi. Third Party Audit of the ANPR implementation and its performance evaluation as per SLA's defined in the RFP.

### **Supply, Installation and Commissioning of IT Infrastructure:-**

- a. The SI shall provide system integration services to customize and integrate the applications procured through the projects. The ANPR applications proposed by the SI should have open APIs and should be able to integrate and share the data with other third-party systems already available or coming up in the near future.
- b. The bill of material proposed by the successful bidder will be approved by Transport Department, Chhattisgarh for its supply and installation. Indicative IT Infrastructure to be commissioned as part of the ANPR project.

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### **Preparation and implementation of the Information security policy, including policies on backup**

The SI shall prepare the Information Security Policy for the overall Project and the same would be reviewed and then finalized by Transport Department, Chhattisgarh & its authorized committees. The Security policy needs to be submitted by the System Integrator within 1st quarter of the successful Final Acceptance Test.

### **Capacity Building and Training**

Capacity Building is an important aspect of this Project, the Transport Department, Chhattisgarh expects the SI to undertake it in a very professional manner. SI has to conduct a proper training need analysis of all the concerned staff and draw up a systematic training plan in line with the overall Project plan. For all these training programs the Bidder has to Provide necessary course material and reference manuals (user/maintenance/ administration) along

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

with training schedules for all phases. The training shall be held at various office / department locations as finalized by Transport Department, Chhattisgarh.

Trainings would be of three types for different phases of the Project:

1. **Functional Training:** This training would focus on the use of the software of the various ANPR components Command Center, so that the users are aware of all the operations of the ANPR and are able to implement the overall process defined by the Authority for optimum use of the system.
2. **Administrative Training:** This training would focus on the administration of ANPR solution and server infrastructure and would be imparted to about 8 – 10 staff identified by the Transport Department, Chhattisgarh for administration of the system from Transport Department, Chhattisgarh's side.

Other requirements to be fulfilled by the SI with respect to training are as follows:

1. Prepare the training material in consultation with Transport Department, Chhattisgarh & its authorized committees. Detailed training manuals would be prepared by the SI prior to the start of the training. Master copies of all training material should be submitted to the Authority for approval.

### Acceptance Testing

The Transport Department, Chhattisgarh or its authorized representatives shall review and finalize the detailed acceptance test plan proposed by the bidder. The Transport Department, Chhattisgarh would issue certification of completion for which the Transport Department shall verify availability of all the defined services as per the contract signed between the SI and Transport Department, Chhattisgarh. The SI shall be required to demonstrate all the services, features, functionalities as mentioned in the agreement.

All acceptance testing, project review and monitoring can be enabled either directly by the department or through a Project Management Unit (PMU) nominated by Transport Department, Chhattisgarh prior to certification.

Commissioning shall involve the completion of the site preparation, supply and installation of the required components and making the Project available to the Transport Department, Chhattisgarh for carrying out live Operations and getting the acceptance of the same from the Transport Department, Chhattisgarh and Traffic Police. Testing and Commissioning shall be carried out before the commencement of Operations.

### System Documents and User Manuals

The SI shall provide documentation, which follows the ITIL (Information Technology Infrastructure Library) standards or IEEE / ISO Acceptable Documentation Standards. This documentation should be submitted as the project under goes various stages of implementation and provide all traceability documentation on changes done on the IT components during the implementation of the solution.

Indicative list of documents includes:

- **Project Commencement:** Project Plan in MS Project giving out micro level activities with mile stones & deadlines.
- **Delivery of Material:** Original Manuals from OEMs.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- **Training:** Training Material will be provided which will include the presentations used for trainings and also the required relevant documents for the topics being covered.
- **Process Documentation:** The bidder shall be responsible for preparing process documentation related to the operation and maintenance of each component of the ANPR Project. The prepared process document shall be formally signed off by Transport Department, Chhattisgarh before completion off in al acceptance test.
  - a. The selected bidder shall document all the installation and commissioning procedures and provide the same to the Transport Department, Chhattisgarh within one week of the commissioning of ANPR.
  - b. The Selected bidder shall submit a complete set of Single Line diagram, a complete Cabling system layout (as installed), including cable routing, telecommunication closets and telecommunication outlet / connect or designations. The layout shall detail locations of all components and indicate all wiring pathways.
  - c. Manuals for configuring of switches, routers, etc. shall be provided by the selected bidder.

The selected bidder shall be responsible for documenting configuration of all devices and keeping backup of all configuration files, so as to enable quick recovery in case of failure of devices.

### Operations and Maintenance for a period of 1 years

Success of the Project would lie on how professionally and methodically the entire Project is managed once the implementation is completed. From the System Integrator perspective too, this is a critical phase since the quarterly payments are linked to the SLA's in the post implementation phases. System Integrator thus is required to depute a dedicated team of professionals to manage the Project and ensure adherence to the required SLAs. SI shall provide operations and maintenance services for the software, hardware and other IT and Non-IT infrastructure installed as part of ANPR project for a period of 1 years.

Indicative key resource requirement for overall management of the Project is as follows:

#	Role	Min. Qualification & Experience
1.	Project Manager	<ul style="list-style-type: none"> <li>▪ BE/ BTech.Or MCA or MBA</li> <li>▪ 05+Years of Experience</li> <li>▪ 02+Years of experience in large SI project experience</li> </ul>
2	Field Engineers (required numbers to meet SLAs)	<ul style="list-style-type: none"> <li>▪ Graduate</li> <li>▪ Minimum 2 years of similar experience</li> </ul>

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## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

are required to be deployed on full-time basis (both for implementation and operations cum maintenance phases). Bidder shall be levied penalty for any short deployment of these resources as per SLAs defined. Other resources specified are indicative in nature and Bidder would need to provision enough resources (above mentioned roles + additional roles) in order to meet SLAs.

Some of the key services to be provided by the SI in post-implementation period are as follows::

- Ensure availability of the ANPR infrastructure (both physical and IT) including but not limited to Power, Cooling, Racks, Storage and other peripheral equipment as per the SLAs.
- Ensure scalability in terms of availability of racks and supporting infrastructure.
- Proactive and reactive maintenance, repair and replacement of defective components (physical and other peripheral IT infrastructure) installed for the Project through this RFP.
- Any component (Physical & IT installed at the time of Project commissioning) that is reported to be faulty / non-functional on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame agreed up on in the Service Level Agreement(SLA).
- Proactive monitoring of the entire basic infrastructure installed.
- SI shall maintain records of the maintenance of the basic infrastructure and shall maintain a logbook on-site that may be inspected by the Transport Department, Chhattisgarh at any time.
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### **Hand-over of the system at the end of contractual period along with all documentation required to operate and maintain the system**

System Integrator will submit to Transport Department, Chhattisgarh the following before the expiry of the contract:

1. Information relating to the current services rendered and data relating to the performance of the services; Entire documentation relating to various components of the Project, any other data and confidential information related to the Project;
2. All other information ( including but not limited to documents, records and agreements) relating to the products & services related to the project to enable Transport Department, Chhattisgarh and its nominated agencies, or its replacing Successful Bidder to carry out due diligence in order to transition the provision of the Project Services to Transport Department, Chhattisgarh or its nominated agencies, or its replacing Successful Bidder (as the case may be).

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

### Roles and Responsibilities

Agency	RoleDescription
Transport Department, Chhattisgarh	<ul style="list-style-type: none"><li>• Co-ordination with successful bidder for implementation of the project</li><li>• Signing the agreement for executing the project with successful bidder</li><li>• Co-ordination with concerned department (s) to handover the sites to successful bidder</li><li>• Release payments as per the system and its components</li><li>• Co-ordination with successful bidder for applying wired / wireless communication connections, power connections.</li><li>• Monitor the project progress</li><li>• Payment of the Power bills for all sites.</li><li>• Conducting pre – bid conference along with department</li><li>• Receiving and evaluation of the bids</li><li>• Finalization of the service provider</li></ul>

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Successful Bidder	<ul style="list-style-type: none"><li>• Field study to understand the requirements</li><li>• The successful bidder has to submit the performance guarantee on receipt of award notification.</li><li>• Fine tune the Project Plan in consultation with the department</li><li>• Entering contract with the department</li><li>• Mobilization of the team and take up the work</li><li>• Deliver the deliverables as per the contract terms and conditions</li><li>• Maintain team to attend the break down maintenance on field and in the server room/control center.</li><li>• Train concerned departments on use of the system.</li><li>• For new connections, apply for electricity connection in the name of Transport Department, Chhattisgarh and arranging them.</li><li>• Apply for communication (connectivity) for all locations in the name of Transport Department, Chhattisgarh.</li><li>• Customize, Configure, Maintain and updating the application software during the contract period.</li><li>• Train the identified personnel of Traffic Department on operating and maintaining the complete system.</li><li>• Deploy experts as indicated under the technical manpower requirements for a period the entire period of operations and maintenance phase who shall provide daily support to CC operators and hand holding.</li><li>• Prepare quarterly and annual reports on the base line KPIs and the improvements made in the junctions across and the corridors</li></ul>
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Payment of Operations and maintenance phase will be made on quarterly basis (at completion of each quarter) based on the adherence to SLA.

#### **4. Common guidelines regarding compliance of systems/equipment**

1. The specifications mentioned for various IT / Non-IT components are indicative requirements and should be treated for benchmarking purpose only. Bidders are required to undertake their own requirement analysis and may propose higher specifications that are better suited to the requirements.
2. Any manufacturer and product name mentioned in the Tender should not be treated as a commendation of the manufacturer /product.
3. None of the IT / Non-IT equipment's proposed by the Bidder should not be End of Life product. It is essential that the technical proposal is accompanied by the OEM certificate, where-in the OEM will certify that the product is not end of life product & shall support for at least 4 years from the date of Bid Submission.
4. All IT Components should support IPv4 and IPv6
5. Technical Bid should be accompanied by OEM's product brochure / datasheet. Bidders should provide complete make, model, part numbers and sub-part numbers for all equipment / software quoted, in the Technical Bid.
6. Bidder should ensure that only one make and model is proposed for one component in Technical Bid for example all Cameras must belong to a single OEM and must be of the same model etc.
7. Bidders should ensure complete warranty and support for all equipment from OEMs. All the back-to-back service agreements should be submitted along with the Technical Bid.
8. All equipment, parts should be original and new.
9. The user interface of the system should be a user- friendly Graphical User Interface(GUI).
10. Critical core components of the system should not have any requirements to have proprietary platforms and should conform to open standards.
11. For custom made modules, industry standards and norms should be adhered to for coding during application development to make debugging and maintenance easier. Object oriented programming methodology must be followed to facilitate sharing, componentizing and multiple use of standard code. Before hosting the application, vendor to ensure that the application is free from any vulnerability; and approved by the Transport Department, Chhattisgarh.
12. All the Clients Machines / Servers shall support static assigned IP addresses or shall obtain IP addresses from a DNS / DHCP server.
13. The Successful Bidder should also propose the specifications of any additional servers /other hardware, if required for the system.
14. The indicative architecture of the system is given in this volume. The Successful Bidder must provide the architecture of the solution it is proposing.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

15. SI is required to ensure that there is no choking point / bottle neck anywhere in the system (end-to-end) and enforce performance and adherence to SLAs. SLA reports must be submitted as specified in the Bid without fail.
16. All the hardware and software supplied should be from the reputed Original Equipment Manufacturers (OEMs). Transport Department, Chhattisgarh reserves the right to ask replacement of any hardware /software if it is not from a reputed brand and conforms to all the requirements specified in the tender documents.
17. All licenses should be in the name of the Transport Department, Chhattisgarh .

## 5. Functional & Technical Requirements

The functional requirements and technical specifications provided in the below sections and at other sections in this RFP are indicative and carry guiding rules. The MSI is free to offer products and solutions which meet requirements of the RFP focusing on the outcome, future scalability, security, reliability and adherence to specified SLA under this RFP, in line with applicable standards & best practices adopted in the industry. The MSI is encouraged to provide an optimised solution which is technically superior, innovative, proven, better in terms of functionality and is cost effective. Any specified parameters mentioned in the scope/technical requirement in the RFP may be considered if it is required for meeting current & future requirements during the contract period. The MSI is fully responsible for the specified outcome to be achieved.

Technical specifications are indicative ,best in industry standard will be considered .Transport commissioner shall have the final decision In case of any deviation.

### General Components

#### 5MP Fixed Bullet Camera

S. No.	Features	Description	Compliance
1.	Camera Type	Fixed Bullet Camera	
2.	Image Sensor	1/2.7 inch CMOS or better	
3.	Resolution	Min 2592*1944 at 20 FPS or better	
4.	Video Compression	H.264, H.265	
5.	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC, should support Environment Noise Filtering	
6.	Streaming	Min. three compressed stream (Individually Configurable)	
7.	ID/Password	Multi-level user ID/Password	
8.	Encryption	HTTP(SSL/TLS)/HTTPS	
9.	Video Authentication	For video authentication, classic watermarks/digital signature must be embedded in Video Stream along with name, time, date stamped which cannot be tampered	
10.	Simultaneous Live View	Up to 6 channels	
11.	Physical Layer	10/100 base Tx Ethernet	
12.	Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for Open Network Video Interface, memory card encryption	
13.	Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, ARP, SNMP	
14.	Lens Type	2.8 mm	
15.	Alarm	1 inputs, 1 output	
16.	Audio	1 inputs, 1 output	
17.	Image Enhancement	BLC, HLC, 3D DNR, AGC	
18.	Image Parameters	Yes	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

	Switch		
19.	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser	
20.	Target Cropping	Yes	
21.	Illumination	illumination: Color: 0.003 0.05 Lux or better at (F1.4 - F2.0, AGC ON), 0 Lux with IR Inbuilt IR (40 mtrs. or better)	
22.	Signal Process	Digital Signal Process	
23.	Privacy Mask	Yes	
24.	Electronic Shutter	1/3 s to 1/100,000 s with slow shutter support	
25.	Wide Dynamic Range	120dB	
26.	Edge Storage	Micro SD /micro SDHC /micro SDXC slot supporting memory card for min. 256 GB (Min. Class 6 or higher). In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically merged with the network storage recording such that no manual intervention is required to transfer the SD card based recordings to network storage.	
27.	Day and Night	Day, Night, Auto, Schedule	
28.	Operating Temperature	-30 °C to +60 °C Humidity 95% or less (non-condensing)	
29.	Internet protocol Support	IPv4 and IPv6	
30.	Housing	IP67	
31.	Edge based video content Analytics	Line crossing detection, Intrusion detection, Motion Detection, Video tampering, Scene change detection, Audio exception detection, Face Capture, Region entrance detection, Region exiting detection, The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness based on deep learning.	
32.	Power Source	12 VDC, PoE: 802.3at/af	
33.	Certification	UL, CE, FCC, BIS	

### Network Video Recorder;

The following are the technical parameters for the 8 Channel NVR- 2 SATA:			
S. No.	Features	Description	Compliance
1.	IP video input	8 Ch upto 12MP resolution supported	
2.	Incoming bandwidth	Min. 80 Mbps	
3.	Outgoing bandwidth	Min. 250 Mbps	
4.	Recording resolution	Upto 12MP	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

5.	Video o/p interfaces	HDMI and VGA independent outputs provided HDMI port; supporting 4K (3840 × 2160) resolution, VGA port; supporting 2MP(1920 × 1080) resolution	
6.	Audio o/p	1 ch	
7.	Compression technique	H.265, H.264	
8.	Live view/Playback resolution	Upto 12MP resolution	
9.	Synchronous playback	Up to 8 channel	
10.	Smart Playback function	Should support Smart search for the selected area in the video and smart playback to improve the playback efficiency	
11.	VCA storage	Should support saving the captured VCA Pictures for smart IPC's VCA detection	
12.	SATA interfaces	2 sata interfaces with each supporting 8TB, should support ANR technology	
13.	Network interfaces	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
14.	USB interface	2 × USB connectors, with atleast 1 USB 3.0	
15.	Alarm i/o	4 i/p and 1 o/p	
16.	Power supply	12 VDC, 3.33 A	
17.	Consumption (without hard disk)	≤ 15 W	
18.	Working temperature	-10 to +55° C (+14 to +131° F)	
19.	Working humidity	10 to 90 %	
20.	Certification	UL, CE, FCC, BIS	

### Automatic Number Plate Recognition

#### Functional Requirement

Sr No.	Description	Compliance
1	The system should support real-time detection of vehicles at the deployed locations, reading its number plate, database look up from vahan server	
2	The system should have option to input certain license plates according to the hot listed categories like “Wanted”, “Suspicious”, “Stolen”, etc by authorized personnel.	
3	The system should be able to generate automatic alarms to alert the control room as well as local cabin/ control room in the event of detection of any vehicle falling in the hot listed categories.	
4	The ANPR system should be integrated to NIC Vahan database for the generation of issuance of challan to the overloaded vehicles	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

5	<p><b>Recording;</b></p> <p>The system should be capable of continuous video recording in the base for 60 days. The system shall automatically overwrite the data after 60 days. It should be noted that at any point of time the local storage at the base station should have the data of previous 60 days irrespective of the availability of network connectivity</p>	
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### A; Technical Specifications of ANPR;

S. No.	Features	Description	Compliance
1.	Camera Type	ANPR Camera	
2.	Active Pixels	1920×1080	
3.	Image Sensor Type	1/1.8 inch Progressive Scan CMOS/CCD	
4.	Shutter Speed	1/50s to 1/100,000 which support slow shutter	
5.	WDR	120dB Min.	
6.	Digital Noise Reduction	3D DNR	
7.	Lens Support	8-32 mm or Better	
8.	IR Range	IR range of best in industry standard will be accepted.	
9.	Video Compression	H.265, H.264	
10.	Video Stream	Dual Stream with can be configured individually	
11.	1st Stream	2MP at real time 1920×1080 at 50/60FPS	
12.	Edge Storage	Micro SD slot supporting memory card for min. 128 GB In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically pulled by the network storage recorder such that no manual intervention is required to transfer the SD card based recordings to network storage.	
13.	Built in Analytics	Automatic License plate recognition system working on optical character recognition technology. Camera should provide clear image of license plate along capture time. Vehicle type classification, Colour identification, no-plate vehicle capture.	
14.	Accuracy	License Plate capture rate should be > 95 %, LPR accuracy > 95%, Mistaken capture rate < 2%	
15.	No License Plate Detection	Supported	
16.	Vehicle Type	Car/Van/Bus/Truck/Others	
17.	Vehicle Color	Red, yellow, green, blue, purple, brown, white, grey (including silver), black Recognizable at daytime	
18.	Trigger Alarm	IP address conflicted, network disconnected, HDD Error	
19.	Security	Password Protection, HTTPs encryption	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

20.	Communication Interface	1 RJ45 10/100/1000M Ethernet port 1 RS-485 interfaces, 1 RS-232 port	
21.	Alarm	2 input interfaces, 2 output interfaces	
22.	Temperature Range	-30°C to +60°C or better, Humidity 95% or less (non-condensing)	
23.	Power Supply	12 VDC to 24 VDC±20%	
24.	Weather Proof	IP67 or better	
25.	Certificate	UL, CE, FCC, BIS	

Note; Technical Compliance on OEM LH and Datasheets needs to be submitted with Technical Bid.

### Field Junction Box

#	Description	Minimum Specifications	Compliance
1	Size	Suitable size as per site requirements to house the field equipment	
2	Cabinet Material	GI with powder coated	
3	Material Thickness	Min 1.2mm	
4	Number of Locks	Minimum One	
5	Protection	IP 55, Junction Box design should ensure to keep the temperature within suitable operating range for equipment's and should also avoid intentional water splash and dust intake	
6	Mounting	On Camera Pole / Ground mounted on concrete base	
7	Form Factor	Rack Mount/DIN Rail	
8	Other Features	Rain Canopy, Cable entry with glands, proper earthing and Fans/any other accessories as required for operation of equipment's within	

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

#	Description	Minimum Specifications	Compliance
		junction box.	

**Poles for Cameras**

#	Description	Minimum Specifications	Compliance
1	Pole type	Hot Dip Galvanized after Fabrication with Silver coating of 86 micron as per IS:2629; Fabrication in accordance with IS-2713 (1980)	
2	Height	6 to 10 Meters (or higher), as-per-requirements for different types of cameras & Site conditions	
3	Pole Diameter	Min. 10 cm diameter pole (bidder to choose larger diameter for higher height)	
4	Cantilevers	Based on the location requirement suitable size cantilevers to be considered with the pole	
5	Bottom base plate	Minimum base plate of size 30x30x1.5 cm	
6	Mounting facilities	To mount RLVD Cameras, ANPR, CCTV cameras, Traffic Signals, Pedestrian Signals, Switch, etc.	
7	Pipes, Tubes	All wiring must be hidden, through tubes/pipes. No wires shall be visible from outside.	
8	Foundation	Casting of Civil Foundation with foundation bolts, to ensure vibration free erection (basic aim is to ensure that video feed quality is not impacted due to winds in different climatic conditions). Expected foundation depth of min. 100cms.  Please refer to earthing standards mentioned	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

#	Description	Minimum Specifications	Compliance
		elsewhere in the document.	
9	Protection	Lightning arrester shall be provided, to protect all field equipment mounted on pole.	

### POE Switch

S. No.	Features	Description	Compliance
1	Switch Type	Unmanaged	
2	Port number	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, 1 × Gigabit SFP fiber optical port	
3	PoE Port	Ports 1 to 8	
4	Forwarding mode	Store-and-forward switching	
5	POE Standard	IEEE 802.3af, IEEE 802.3at	
6	Switching capacity	20 Gbps	
7	Packet forwarding rate	14.88 Mpps	
8	Max. port power	30 W	
9	PoE power budget	58 W	
10	Max. power consumption	65 W	
11	MAC Address Table	4 K	
12	Surge Protection	6KV	
13	Power Supply	48 VDC, Max. 1.35 A	
14	Working Temperature	-10 °C to 55 °C, humidity 5% to 95% (no condensation)	
15	Storage Temperature	-40°C to 85°C, humidity 5% to 95% (no condensation)	

### Online UPS for Field Locations

S. No.	Description	Minimum Specifications	Compliance
1	Capacity	Adequate capacity to cover all above IT	

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

S. No.	Description	Minimum Specifications	Compliance
		Components at respective field locations	
2	Technology	IGBT based PWM Technology, True Online UPS or better	
3	Input Frequency Range	45 to 55 Hz	
4	Output Frequency Range	45 to 55 Hz	
5	Output Voltage	220VAC - 230VAC	
6	Voltage Regulation	+/-2% (or better) and with built-in Over Voltage Cut off facility in the Device	
7	Frequency	50 Hz +/- 0.1% (free Run Mode)	
8	Harmonic Distortion (THD)	< 3% (linear load)	
9	Output Waveform	Pure Sine wave	
10	Output Power Factor	0.8 or more	
11	Battery Backup	Adequate and required battery backup to achieve required uptime of field device as well as SLA of the overall solution.	
12	Battery Type	Lead acid, Sealed Maintenance Free (SMF)	
13	General Operating Temperature	As per weather conditions	

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

S. No.	Description	Minimum Specifications	Compliance
14	Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains fail, low battery & fault detection	
15	Bypass	Automatic/Manual Bypass	
16	Certifications	For Safety & EMC as per international standard. OEM should have or establish company owned service center in India	
17	Overall Protection	IP 55, Junction Box design should ensure to keep the temperature within suitable operating range for equipment's and should also avoid intentional water splash and dust intake	
18	Capacity	Adequate capacity to cover all above IT Components at respective field locations	

### Unpriced BOQ for Single Location;

### Integration Requirements

The Software should allow integration with E-challan system through data push at periodic intervals predefined in consultation with the authority.

The data fields to be integrated are listed but not limited to the following:

1. VAHAN
2. SARATHI

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure1: Commercial Bids Format & Instructions**

The Bidder has to quote the rate strictly as per the below format.

Details to be filled up for price bid are as follows:

Form I

Sr No.	Description	Qty(A)	Per unit price(B)	Per set price (C=A*B)	GS T (D)	Total Price (E=C*D)
1	Fixed Bullet IR Camera	2				
2	Network video recorder for local storage of surveillance feeds	1				
3	HDD 6 TB for 60 Days Storage	2				
4	ANPR Camera For Single Lane	1				
5	Power Cord, Cables etc	1				
6	Poles for mounting Surveillance and ANPR Cameras	1				
7	8 Port POE Switch	1				

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

8	UPS with the Battery backup of 1 hour	1				
9	Junction box for UPS	1				
10	Junction box for Placing Network equipment	1				
11	Software License Per Location	1				
12	Installation Cost Per Location	1				
13	Laying of Power Cables (Including Civil)	1				
14	Internet / Broadband for 1 Year	12 Months				
15	Other items / Accessories / cables					
16	Total					

Form II

#	Rate for	Rate Per location(INR) (Exclusive of All Taxes)	GST%	GST Amount(In INR)	Rate Per location(IN INR) (Inclusive of All Taxes)
1	Per location price for ANPR and accessories		18%		
	Amount in Words:				

- **Commercial /financial bid price:**
- All the rates quoted shall be in Indian Rupees only.
- Only GST will be paid as mentioned in the financial format. All the rates quoted shall be inclusive of all other the taxes, levies and all other charges. any change in Tax structure/GST same will be borne by the TDC during contract period
- No conditional bidding is allowed.
- TDC reserves the right to ask the Bidder to submit proof of payment against any of the

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

taxes, duties, levies indicated.

- Financial format form II (above table) will only be considered for financial evaluation for determining L1. The price determined above will only be charged from the public.
- Financial format form I is only be considered to determine the calculations. In case there is a mismatch in Form I and Form II values, Form I will be proportionally divided to arrive at the prices for individual items as informed in Form II.
- The rate shall be applicable throughout the state of Chhattisgarh and throughout the contract period.

### **Annexure2:Format for Earnest Money Deposit (EMD) as Bank Guarantee**

Tender.No.:

Date:

Bank Guarantee No.:

To,

The Transport Commissioner

For bidding for the tender bearing number \_\_\_\_\_ dated \_\_\_\_\_ for the project “RFP for Selection of a Service Provider for Setting up of ANPR system in various location for transport department in the state of Chhattisgarh”(Here in after referred as ‘RFP’ )We, \_\_\_\_\_  
\_\_\_\_\_A company registered under Indian Companies Act,1956/2013(here in after called the“Bidder”),this is to certify that at the

Request of the Bidder we \_\_\_\_\_ Bank, and having one of the branches at

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

\_\_\_\_\_ (hereinafter called the “Bank”) are holding in trust in favour of Transport Department, Government of Chhattisgarh (hereinafter referred as 'TDC'), the amount of Rs \_\_\_\_\_ ( ) to indemnify and keep indemnified the TDC against any loss or damage that may be caused to or suffered by the TDC by reason of any breach by the Bidder of any of the terms and conditions of the RFP and the bidding process as described in the RFP and corrigendum.

We agree that the decision of TDC, whether any breach of any of the terms and conditions of the RFP and/or in the performance thereof has been committed by the Bidder and the amount of loss or damage that has been caused or suffered by TDC shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to TDC.

We \_\_\_\_\_ Bank, further agree that the guarantee here in

Contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the RFP and bidding process by the Bidder i.e. till (write a date which is 180 days from the Last date (deadline) from bid submission in response to RFP notice- hereinafter called the said) and that if any claim accrues or arises against us \_\_\_\_\_ Bank, by virtue of this guarantee before the said date, the same shall be forceable against us

\_\_\_\_\_ Bank, notwithstanding the fact that the notice of any such claim is given to us \_\_\_\_\_ Bank, by TDC before the said date.

Payment under this letter of guarantee shall be made promptly, within one month of our receipt of notice to that effect from TDC.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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It is fully understood that this guarantee is effective from the last date (deadline) for uploading of bids in response to RFP notice and that we \_\_\_\_\_ Bank, undertake not to revoke this guarantee during its currency without the consent in writing of TDC.

We undertake to pay to TDC any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceeding pending before any court or Tribunal relating there to our liability under this present guarantee being absolute and unequivocal without any demur, reservation, recourse, contest or protest and without any reference to the Bidder or any other person.

The payment so made by us under this guarantee shall be a valid discharge of our liability for payment there under.

We \_\_\_\_\_ Bank, further agree that TDC shall have the fullest

liberty, without affecting in any manner our obligations here under to vary any of the terms and conditions of the said RFP or to extend time of performance by the Bidder from time to time or to post pone for any time or from time to time any of the powers exercisable by TDC against the said Bidder and to forebear or enforce any of the terms and conditions relating to the said RFP and we, \_Bank, shall not be released from liability of TDC under this guarantee by reason of any such variation or extension being granted to the said Bidder or for any for bearance by TDC to the said Bidder or for any for bearance and or omission on the part of TDC or any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision have the effect of sore leasing us from our liability under this guarantee.

This guarantee will not be discharged due to the change in the constitution of the Bank or the Bidder or any absorption, merger or amalgamation of the Bank or the Bidder with any other person.

Our liability under this Bank Guarantee shall not exceed and is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for and on behalf of the Bank.

---

Signature of Authorized Signatory (with official seal)Date \_\_\_\_\_ :

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Place :

Name :

Designation :

Address :

Telephone&Fax :

E-mailaddress :

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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\_\_\_\_\_

\_\_\_\_\_

Signature of Witness1

Signature of Witness2

Name: \_\_\_\_\_  
(Bank's common seal)

Name: \_\_\_\_\_

**Bank details of Transport department is mentioned below can be used for Bank Guarantee:**

Place:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure3: Format for Financials from Statutory Auditors of the Bidder**

<On a letter head of Statutory Auditors of the bidder>

This is to certify that <Bidder name>having its registered office at

\_\_\_\_\_ have average turnover and Net worth as on 31 st March 2019 (to be calculated as per guide lines given in the RFP) required as per Pre-qualification under “Instructions to Bidders” of Tender Number\_ for previous three financial years, as under:

Financial Year	Annual Turnover	Net Worth
	<b>Rupees in Crore</b>	
2019-20(Audited)		
2020-21(Audited)		
2021-22(Audited)		
Average turnover for last three financial years		NA

Supporting Document Reference for the above is as follows: <Page number, filename>

**Authorized  
Signatory: Name:**

**Designation:**

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Membership  
Number:**

**Place:**

**Date:Stamp:**

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure4: Performance Bank Guarantee**

<< To be executed on Stamp Paper as mandated by the Bank issuing the PBG >>>

Ref: \_\_\_\_\_

Date: \_\_\_\_\_

Bank Guarantee No.: \_\_\_\_\_

No.

Date:

To:

The Transport Commissioner

Email:

Against Contract covering “RFP for selection of service provider for “setting up of ANPR system in various location for transport department in the state of Chhattisgarh” (here in after called the said' Contract') entered in to between the Transport Commissioner (TC), TDC, - (here in after called the TDC ) and

\_\_\_\_\_ (here in after called the Bidder) this is to certify that at the request of the Bidder we \_\_\_\_\_ Bank ., are holding in trust in favor of the TDC, the amount of 5% (Rupees five percent of work order) to indemnify and keep indemnified the TDC against any loss or damage that may be caused to or suffered by the TDC by reason of any breach by the Bidder of any of the terms and conditions of the said Tender Document / contract and / or in the performance thereof. We agree that the decision of the TDC, whether any breach of any of the terms and conditions of the said Tender Document / contract and / or in the performance there of has been committed by the Bidder and the amount of loss or damage that has been caused or suffered by the TDC shall be final and binding on us and the amount of the said loss or damage shall be paid by us forth with on demand and without demur to the TDC.

We \_\_\_\_\_ Bank LTDC, further agree that the guarantee here in contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the said contract by the Bidder. e.till

\_\_\_\_\_ Here in after called the said date and that if any claim accrues or arises against us \_\_\_\_\_ Bank LTDC, by virtue of this guarantee before the said date, the same shall be enforceable against us

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

\_\_\_\_\_Bank LTDC, notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us \_\_\_\_\_Bank LTDC, by the TDC before the said date. Payment under this letter of guarantee shall be made promptly up on our receipt of notice to that effect from the TDC.

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

The Performance Bank Guarantee shall be valid from the date of Signing of Contract and shall continue till six (6) months after the completion of all contractual liabilities (From Signing of Contract + Ten years) including warranty obligations and defect liability period as per CVC guidelines. It is fully understood that this guarantee is effective from the date of the said contract and that we Bank, undertake not to revoke this guarantee during its currency without the consent in writing of the TDC.

We undertake to pay to the TDC any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present bond being absolute and unequivocal.

The payment so made by us under this bonds shall be a valid discharge of our liability for payment there under and the Bidder shall have no claim against us for making such payment.

The provisions relating to SLA Violations specified in the RFP and contract, entered into by the Bidder with the TDC shall be applicable for forfeiture of Performance Bank Guarantee in case of a decision by purchaser to forfeit the same without assigning any reason.

We \_\_\_\_\_ Bank, further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations here under to vary any of the terms and conditions of the said contract or to extend time of performance by the Bidder from time to time or to postpone for any time from time to time any of the powers exercisable by the Purchaser against the said Bidder and to forebear or enforce any of the terms and conditions relating to the said contract and we, \_\_\_\_\_ Bank., shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Bidder or for any forbearance by the TDC to the said Bidder or for any forbearance and or omission on the part of the TDC or any other matter or thing what so ever, which under the law relating to sureties, would, but for this provision have the effect of releasing us from our liability under this guarantee.

This guarantee will not be discharged due to the change in the constitution of the Bank or the Successful Bidder or any absorption, merger or amalgamation of the Bank or the Successful Bidder with any other person.

Our liability under this Bank Guarantee shall not exceed and is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for and on behalf of the Bank.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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Signature of Authorized Signatory (with official seal)Date :

Place :

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

---

Name :

Designation :

Address :

Telephone & Fax :

E-mail address :

\_\_\_\_\_

Signature of Witness1

Name: \_\_\_\_\_

\_\_\_\_\_

Signature of Witness2

Name: \_\_\_\_\_

(Bank's common seal)

**Bank details of Transport department is mentioned below can be used for Bank Guarantee:**

Name of Account Holder:

BankName:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure 5- Manufacturer's Authorization Form (MAF)**

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Tender Document ref. No.: *[insert identification No and title]*

To: *[insert complete name of Purchaser]*

**WHEREAS**

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 32 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Duly authorized to sign this Authorization on behalf of: *[insert complete name of Bidder]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

**Annexure 6: Undertaking–Non-Blacklisting**

<< To be printed on Lead Bidder Company’s Letter Head and Signed by Authorized

Signatory>>RFPNo.

Date:

To:

The Transport Commissioner

**Sub:** “RFP for Selection of a setting up of ANPR system in various location for transport department in the state of Chhattisgarh”

**Non-Blacklisting Undertaking.**

**Ref:RFPNo.:** \_\_\_\_\_ **Dated** \_\_\_\_\_

Sir/Madam,

We (**Company Name**), the undersigned, hereby declare that We are not under a declaration of ineligibility / banned / blacklisted by any State or Central Government / any other Government institutions in India for any reason as on last date of submission of the Bid or convicted of economic offence in India for any reason as on last date of submission of the Bid.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

We hereby also declare that

1. We are not convicted for any of the following offenses under the Prevention of Corruption Act, 1988; Or
2. We have not been convicted under any Indian Penal Code or any law in force, for creating public injury to person or property or risk to public health as a part of execution of public procurement contract;
3. We have not been blacklisted/banned/debarred by any Government (State/Central) / Semi Government/Corporation/PSU/ PSU Banks in India as on date of submission of bid;
4. We have not violated the code of integrity as on date of submission of bid;
5. Our Security Deposit or EMD or performance security deposit or any other deposit was not withheld (fully or partly) by the purchaser during any procurement process or contract execution undertaken by purchaser as on date of submission of bid;

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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6. We hereby declare that Our Owner / Partner / Director / Trustee are not Owner / Partner / Director / Trustee of any other organization which is presently not blacklisted/Banned/Suspended by the Government/Semi-Government/PSUs,.

7. We accept that in case of any irregularity, lapses, non-compliances, TDC decision shall be final and binding onus.

Sincerely,

(Signature of the Authorized signatory of the Bidder)Name of company:

Name of Authorizes Signatory: Designation:

Seal:

Date:

Place:

Business Address:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure 7: Self Declaration**

(To be executed on Non-judicial stamp paper of relevant value duly at tested by public notary)

M/s \_\_\_\_\_ (name and registered office address of the company) acting through

\_\_\_\_\_ (name and address of the authorized representative of the Bidder), do here by solemnly affirm and undertake asunder;

1. That the infrastructure required and necessary for carrying out the work as prescribed under the scope of the RFP document shall be made operational within the period stipulated under the RFP document.
2. That I / We shall appoint the requisite manpower with necessary qualifications and experience as stipulated in the RFP.
3. That I, shall implement the project myself and shall not franchise/sublet/subcontract it, if awarded to me.
4. That I / We shall comply with, and always observe, the terms and conditions of the RFP document and with the direction and orders issued by the Transport Commissioner or TDC from time to time.
5. That I / We hereby certify that the bid submitted by us is non-conditional and is without any deviation from the RFP requirements.
6. That all the statements, submissions made by me/us and the documents submitted by me /us are genuine to the best of my / our knowledge and that the same reflects the facts as on the date.
7. That I / We shall ensure that the key staff deployed (as identified by TDC at the start of project execution) for the Project shall formally sign the Non-disclosure Agreement in the format specified by TDC and further shall comply with all the requirements of Information Technology Act 2000 (ITA-2000) of Government of India, IT (Amendment) Act 2008 and any such amendments from time to time.
8. I/We shall ensure that all the software, hardware components provided and deployed by us for the project shall be as described in the RFP document.
9. I / we shall ensure that there are no deviations from the RFP Requirements / Terms & Conditions. The entire work shall be performed as per the project requirements.
10. I/We understand that failure to do so may result in for feature of EMD and / or withdrawal of LOI.

SEAL, SIGNATURE & STAMP OF BIDDER / AUTHORISED SIGNATORY

Dated:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Place:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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### Annexure8: Service Level Agreement

The Minimum service level (MSL) to be adhere to by the Successful Bidder, and computation of penalty for non-performance in the event of non– adherence to such MSL shall be as follows:

#### **Implementation Phase**

Service Level Category	Service Level Description	Service Level	Measurement	Penalty
Before Signing of Contract	<b>Issue of Letter of Intent=<math>T_1</math></b>			
	Submission of Letter of Acceptance	$T_1+5$ working days	NA	Withdrawal ofLoI and forfeiture of EMD
	Signing of Contract	$T_1+10$ working days	NA	Withdrawal ofLoI and forfeiture of EMD
Post Signing of Contract	<b>Allocation of work order by TDC=<math>T_2</math></b>			
	Submission of “Project Planning andDocumentation” including “Proposed Physical Layout Plan”	$T_2+30$	NA	INR 100 perday's delay post

	and Advance bank guarantee (ABG)			T <sub>2</sub> +30per site
	Delivery of all Hardware/ software/network component as specified in Annexure	T <sub>2</sub> +60	NA	INR 100 per day'sdelay post T <sub>2</sub> +60 per site
	Demo Run at each location and Commencement of operations	T <sub>2</sub> +75	NA	Termination of contract and for feature of PBG

Note: Maximum penalty will be imposed will be capped at 2% of the total work order value.

## **Annexure 9: Project planning document**

**An indicative list of planning related documentation that the Successful Bidder should make at the onset is as below:**

- a. **Inception Report:** Inception Report should include the Successful Bidder's approach to the project including details about methodology, resource deployment and utilization, project stakeholder's identification, project time lines etc.
- b. **Detailed Project Plan:** Detailed project plan should list out all activities in detail with start date, end date, duration for completion of activity & dependencies.
- c. **Manpower Deployment List of the project:** List the manpower along with roles and responsibilities assigned of every type of manpower. CVs of the Project Management /Key resources shall be submitted to TDC. All on site authorized personnel shall have valid company's identity card and the list of such deployed resources shall be submitted to TC office and it shall also form a part of this document. In case of any change later, the same must be intimated promptly along with proposed replacement and submitted to TC office.
- d. **Infrastructure & Site Set Up Plan:** Plan detailing the delivery and installation related activities for various infrastructure components, including the details of Physical Layout Plan as described in [Annexure 4](#). The connectivity will also be responsibility of Successful Bidder. TDC will give required permission for obtaining connectivity on-site if deemed needed. The plan shall also have resource deployment list for all resource other than manpower.
- e. **Standard Operating Procedures (SOP):** SOP should detail the execution plan of the Successful Bidder. Successful Bidder should list out all activities with standard operating procedures, process flow of activities and assigning responsibility for each activity. SOP will detail out the responsibilities of Successful Bidder and TDC.
- f. **Man power details for Centralized Card Printing Center:** The printing of Registration Certificate shall be done at a centralized printing center at the location provided by TDC. Number of operators, management staff, security staff etc. and their basic qualification etc. must form part of this documentation. Any change in due course of project, this document must be updated with changes incorporated and re-submitted to TDC.
- g. **Communication Plan:** This plan should indicate what form of communication will -

be utilized for what kinds of meeting along with recipients and frequency. Communication- Plan should also include the escalation mechanism of Successful Bidder for resolution of issues.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- h. **SLA and Performance Monitoring Plan:** In this plan, Successful Bidder should mention how service level agreements for each item will be monitored and adhered to. The plan should also include the methods / tools to monitor the performance.
- i. **Training and Knowledge Transfer Plans:** Successful Bidder has to train TDC's officials for basic trouble shooting of hardware, software provided by Successful Bidder.
- j. **Issue Logs and Risk Registers:** Successful Bidder should prepare formats for logging issues and risks by TDC as well as internal employees.
- k. **Weekly and Monthly Progress reports:** Successful Bidder should prepare detailed progress reports on weekly & monthly basis for capturing details like number of RC / NOC / Permits issued, other transactions severed, open issues in the project etc.
- l. **Technical Manuals:** Successful Bidder should submit all the technical manuals along with those submitted by the OEMs for all the hardware components. Successful Bidder shall also submit detailed technical architecture of the application.

The Successful Bidder shall prepare the formats / templates (wherever required) for each of the deliverable sup front based upon industry standards and the same will be approved by TDC prior to its use for deliverables. All project documents are to be kept up-to-date during the course of the project. The Successful Bidder shall maintain a log of the internal review of all the deliverables submitted. The logs shall be submitted to RTO officials on request.

**Annexure 10: Draft Non-Disclosure Agreement**

**NON-DISCLOSURE AGREEMENT**

(To be signed on Rupees 100/- non-judicial Stamp Paper)(Between  
TDC and Successful Bidder)

[The Non-Disclosure Agreement needs to be signed by all the persons duly authorized by the Successful Bidder to get access to all the confidential documents and records. A list of all the authorized persons of the Successful Bidder (Manpower details )shall be provided along with the Non-Disclosure Agreement by the Successful Bidder]

This Agreement is made on \_\_\_\_\_ Day of \_\_\_\_\_ 2021 between the

Transport Department, having its office at \_\_\_\_\_  
here in after called “TDC”, if any which expression shall unless repugnant to the subject or the context  
mean and included its successor, nominees or assigns and

M/s \_\_\_\_\_ a company incorporated  
under the Indian Companies act, 1956/2013 and having its registered office at  
\_\_\_\_\_ here in after called “bidder” which expression shall unless  
repugnant to the subject or the context mean and include its successors, nominees or assigns.

**WHEREAS**

1. The “Transport department(TDC)” has invited various organizations to propose for the “RFP for Selection of a Service Provider for Setting up of ANPR system in various location for transport department in the state of Chhattisgarh”(here in after called the “Project”)of the TDC;
2. the Successful Bidder, having represented to the “TDC” that it is interested to bid for the proposed Project,

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

3. In connection with the “Project”, the TDC agrees to provide to the Successful Bidder various confidential documents, including the Request for Proposal, Draft Contract agreement, access to various records of the citizens, access to the software developed by NIC, namely Vahan and Sarathi, access to public documents which citizens may submit to the Successful Bidder etc. and any other information needed to be disclosed in association with the Project. The said information to which the Successful bidder will have access to, contains highly classified and confidential information. The information is to be protected from unauthorized use and disclosure, by Successful Bidder and any and all the persons working with and for Successful Bidder throughout the contract period.

**The TDC and the Successful Bidder and all the persons working with and for the SuccessfulBidder(together here in after called as “Successful Bidder”)agrees as follows:**

**A. The Successful Bidder and any and all the persons to whom the Information is disclosed shall:**

1. Hold such Information in confidence with the same degree of care with which the Successful Bidder protects its own confidential and proprietary information;
2. Restrict disclosure of the Information solely to its employees, agents and contractors with a need to know such Information and advise those persons of their obligations here under with respect to such Information;
3. Submit duly signed NDA with its said employees, agents and contractors;
4. Use the Information only as needed for the purpose of the Project;
5. Except for the said purpose of the Project, not copy or otherwise duplicate such Information or knowingly allow anyone else to copy or otherwise duplicate such Information whether physical or digital under any circumstances; and
6. Not take out any information out of the premises of the TDC through any means.

**B. The Successful Bidder shall have no obligation to preserve the confidential or proprietary nature of any Information which:**

1. Was previously known to the Successful Bidder free of any obligation to keep it confidential at the time of its disclosure as evidenced by the Successful Bidder's written records prepared prior to such disclosure; or
2. Is or becomes publicly known through no wrongful act of the Successful Bidder; or
3. Is independently developed by an employee, agent or contract or of the Successful Bidder not associated with the Project and who did not have any direct or indirect access to the-Information.

**C.** The Agreement shall apply to all Information, documents, records and registers relating to the Project disclosed by the TDC to the Successful Bidder under this Agreement.

**D.** Nothing contained in this Agreement shall be construed as granting or conferring rights of license or otherwise, to the Successful Bidder, in any of the Information.

**E.** This Agreement shall benefit and be binding upon the TDC and the Successful Bidder and their employees, respective subsidiaries, affiliates, successors and assigns.

**F.** This Agreement shall be governed by and construed in accordance with the Indian laws in-jurisdiction of only.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Sincerely,

(Signature of the person/s working for and with the Successful Bidder)Name:

Designation:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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Date:

Place:

In Witness of (Authorized Signatory on behalf of Successful Bidder)Name:

Designation:

Seal:

Date:

Place:

For and on behalf of Transport department, Government of Chhattisgarh Name:

Designation:

Seal:

Date:

Place:

**Annexure11: Format for Power of Attorney to appoint and authorized Attorney**

(To be submitted on a Stamp Paper of relevant value)

**Power of Attorney**

Know all men by these presents, we \_\_\_\_\_  
(name and address of the registered office ) do here by constitute, appoint and authorize Mr./

Ms. \_\_\_\_\_ (name and residential  
address) who is presently employed with us and holding the position of

\_\_\_\_\_ as our attorney, to do in our name and on our  
behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the Project  
envisaging“ RFP for Selection of a Service Provider for Setting up of ANPR system in various location  
for transport department in the state of Chhattisgarh”, (the “Project”) including signing and submission of  
all documents and providing information / responses to Transport department (TDC) representing us in all  
matters before TDC, and generally dealing with TDC in all matters in connection with our bid for the said  
Project.

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

For \_\_\_\_\_  
(Signature)(Name, Title and Address)

Accepted(Si  
gnature)

(Name, Title and Address of the Attorney)

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Note:**

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants (s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

- In case the Application is signed by a Partner/authorized Director of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in-lieu of the Power of Attorney.

**Annexure12:Format for Anti-CollusionCertificate**

(TO BE SUBMITTED ON THE LETTERHEAD OF THE BIDDER, DULY SIGNED BY THE  
AUTHORISED SIGNATORY)

Anti-Collusion Certificate

We hereby certify and confirm that in the preparation and submission of this Proposal, we have not acted in concert or in collusion with any other Bidder or other person/s and also not done any act, deed or thing which is or could be regarded as anti-competitive.

We further confirm that we have not offered nor will offer any illegal gratification in cash or kind to any person or agency in connection with the instant Proposal.

Dated this \_\_\_\_\_ Day of \_\_\_\_\_, 2021

Name of the Lead Bidder

\_\_\_\_\_

Signature of the Authorized

\_\_\_\_\_

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

PersonNameoftheAuthorizedPerson

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure13: User Acceptance Certificate Format**

No.

Date:

To:

The Transport Commissioner

**Ref:** “RFP for Selection of a Service Provider for Setting up of ANPR system in various location for transport department in the state of Chhattisgarh”.

Tender Number: \_\_\_\_\_ **Dated** \_\_\_\_\_

**Sub:** Acceptance Sign - off letter for RTO/ ARTO/DTO \_\_\_\_\_.

I/We confirm that we, \_\_\_\_\_ (RTO/ARTO/DTO name), with respect to the proposal for “RFP for Selection of a Service Provider for Setting up of ANPR system in various location for transport department in the state of Chhattisgarh”, Bidder \_\_\_\_\_ <Name of the Bidder> has supplied the products in up and running condition as follows

Sr.No.	Products	Make and Model	Quantity
1.	ANPR		
2.			
3.	:::		
4.	:::		

Bidder \_\_\_\_\_ <name of the bidder> has supplied

Above products in good condition, brand new and unused. Bidder has also installed and commissioned above hardware along with required software. Bidder has also completed required and necessary civil work, has set up physical furniture, and has completed all required mechanical, electrical and plumbing work and associated physical infrastructure at respective RTO office, as per said tender document.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

I/We here by acknowledge the receipt of products in good condition and issue Letter of Acceptance to Bidder\_\_\_\_\_<Name of the Bidder>for

RTO/ARTO/DTOoffice\_\_\_\_\_<NameofRTO/ARTO/DTOoffice>  
ondate DD/MM/YYYY.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

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Sincerely,

(Signature of the  
RTO/ARTO/DTO Authority) Name:

Designation:

Seal:

Date:  
Place:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

**Annexure14:Undertaking on Authenticity of Equipment**

(OnRs.100/-Non-judicial stamp paper by the Bidder)

To,

The Transport Commissioner Chhattisgarh State

Reference:NITNo.:

Dated:

We <Name of the Successful Bidder> hereby undertake that all the hardware, networking and connectivity components/parts/assembly and software used in the equipment shall be genuine, original and new obtained from respective OEMs of the products and that no refurbished / duplicate / second and hardware, networking and connectivity components/parts

/ assembly / software are being used or shall be used. In respect of licensed operating system, we undertake that the same shall be supplied along with the authorized license certificate with our name / logo. Also, that it shall be sourced from the authorized source for use in India.

In case, we are found not complying with above at the time of delivery or during installation, for the delivered and commissioned equipment, we agree to take back the equipment already supplied at our cost and replace it with compliant equipment and that you will have the right to forfeit EMD / PBG for this bid or take suitable action against us.

Yours faithfully,

For and on behalf of M/s (Name of the Successful Bidder)(Authorized Signatory)

Please attach proof Name,  
Designation & Contact No.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Address: \_\_\_\_\_

Successful Bidder's seal & stamp

### **Annexure 15**

#### **Consortium Agreement**

(To be printed on Rs. 100/- Stamp Paper)

This Consortium Agreement (hereinafter the "Agreement") entered into this \_\_\_ day of

Two Thousand and Sixteen (“**Date of Signing**”) **BETWEEN** \_\_\_\_\_ through Authorized Signatory, Having their principal place of business at \_\_\_\_\_ in India for and on behalf of \_\_\_\_\_ (hereinafter called "the Bidder") of the **ONE PART**; **AND** \_\_\_\_\_ through Authorized Signatory having their principal place of business at \_\_\_\_\_ in India for and on behalf of \_\_\_\_\_ (hereinafter called "the Bidder") of the **SECOND PART**;

#### **RECITALS**

Transport Department Tender No. (here in after the “Tender Document”), inviting bids for HIGH SECURITY REGISTRATION PLATES as described in the RFP;

C. As specified in clause 1.1 of the Tender Document, the Bidder has formed a consortium and hereby enters into this Agreement and the Parties have agreed to the participate as members of the Consortium subject to said terms and conditions of this Agreement

The members of the Agreement shall each be referred to as the “Party” and together as the “Parties”

**NOW THEREFORE**, in consideration of the mutual covenants of the Parties, the sufficiency whereof is hereby acknowledged and other good valuable consideration, the Parties agree as follows:

#### **1 Definitions and Interpretation Definitions**

Capitalized terms used in this Agreement shall have their respective defined meanings, and/or shall have the meaning specified in the Contract and the Tender Document and subsequently signed Contract between Authority and Bidder, unless the context expressly or by necessary implication otherwise requires.

“**Contract**” shall mean the Contract entered into by the Bidder and the Authority **Interpretation**

- a) For the purpose of this Agreement, where the context so admits, (i) the singular shall be deemed to include the plural and vice-versa, and (ii) masculine gender shall be deemed to include the feminine gender and vice-versa.
- b) References to a “person” if any shall, where the context so admits, include references to natural persons, partnership firms, companies, bodies corporate and associations, whether incorporated or not or any other organization or entity including any governmental or political subdivision, ministry, department or agency thereof;
- c) The headings and sub-headings are inserted for convenience only and shall not affect the construction and interpretation of this Agreement.
- d) References to the word “include” and “including” shall be construed without limitation.
- e) any reference to “day” shall mean a reference to a calendar day;

## **2 Purpose of Consortium Agreement**

The purpose of this Agreement is to specify the responsibilities of the Parties towards the Authority, supplement the provisions of the Contract and the Tender Document concerning the Project and to set out further rights and obligations of the Parties supplementing but not conflicting with those present in the Contract and the Tender Document.

## **3 Duration**

This Agreement shall come into force as of the Date of Signing and shall continue in full force and effect until the complete discharge of all obligations, concerning the carrying out of the Project, which have been taken on by the Parties under the Contract, Tender Document and under this Agreement.

## **4 Coordinator**

The Parties hereby understand and agree that there shall be a “Lead Member” who shall be the point of contact for the purpose of the Project. It is hereby agreed by the Parties that for the purpose of the Agreement M/s. have been appointed as Lead Partner. The Lead Partner shall be specifically authorized by the Parties to make representations and declarations on their behalf. However, it is clarified that lead Bidder shall be responsible and severally liable for the successful completion of the entire Project.

For the purpose of this Agreement, the Tender Document and the Contract, the Lead Partner shall be the single point of contact for the Authority, shall have the overall responsibility of the management of the Project and shall have single point responsibility for ensuring that all members of the consortium are complying with the terms and conditions set out in the Contract

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

and the Tender Document.

All instructions/communications from Authority to the Lead Partner shall be deemed to have been duly provided to the member of the consortium.

For the avoidance of doubt it is hereby clarified that the Lead Bidder of the consortium shall be individually & severally responsible for the obligations under the Tender Document, Contract and this Agreement, irrespective of the specific roles/responsibilities undertaken by them.

## **5 Rights and Obligations**

For delivery of all services as per the agreement with Authority, Lead Partner shall be primarily accountable and responsible.

The Lead Partner shall be responsible for the transmission of any documents and information connected with the Project to the Parties concerned.

It is hereby clarified that representations and declarations made by the Lead Partner shall be legally binding on all the Parties of the Agreement.

Each Party shall use reasonable efforts to perform and fulfil, promptly, actively and on time, all of its obligations under the Tender Document, Contract and this Agreement.

All commercial activities with Authority will be conducted by the Lead Partner.

## **6 Responsibilities towards each other**

Each Party undertakes:-

- i. to promptly notify each of the Parties about any significant delay in fulfilment of milestones in relation to the Project;
- ii. To inform other Parties of relevant communications it receives from third parties in relation to the Project.
- iii. Each Party shall use reasonable efforts to ensure the accuracy of any information or materials it supplies hereunder or under the Contract and promptly to correct any error that came to its knowledge.
- iv. Each Party shall act in good faith. When a Party believes that for carrying out the Project or use of knowledge from the Project it might require access rights to another Party's pre-existing know-how or to another Party's knowledge and material which is not from the Project, it shall obtain written permission from the Party prior to the use of such material.
- v. Each Party shall abide with the terms of confidentiality as described in Tender Document

and shall also abide with all the clauses of the Tender Document.

- vi. Each Party shall share and disclose information including confidential information and documents as may be necessary for the Project. The Parties hereby understand and agree that the information shall be used solely for the purpose of the Project and not for its own use or for any third-party benefit.

## **7 Liabilities**

### **Liability towards each other**

The Parties hereby understand and agree that Lead Bidder shall be severally liable for any default with regard to the deliverables as per the Tender Document.

### **Indemnification of a Party to other**

Lead Bidder shall indemnify each of the other Parties, in respect of liability resulting from acts or omissions of it.

### **Liability towards Third Parties**

Subject to such other undertakings and warranties as are provided for in this Agreement and the Contract, each Party shall be solely liable for any loss, damage or injury to third parties resulting from its carrying out its parts of the Project and from its use of knowledge and/or know how.

## **8 Assignment**

No Party shall, without the prior written consent of the Authority and of the other Parties, assign or otherwise transfer partially or totally any of its rights and obligations under Agreement.

The Parties hereby represents and warrants that: -

- i. They are duly organized and validly existing under the laws of India and have full power and authority to enter into this Agreement and to perform its obligations under this Agreement. The execution and validity of this Agreement and the consummation of the transactions contemplated by this Agreement have been duly authorized by all necessary action on the part of the Parties;
- ii. This Agreement constitutes a valid and binding obligation of the Parties, enforceable against them in accordance with the terms hereof, and the execution, delivery and performance of this Agreement and all instruments or agreements required hereunder do not contravene, violate or constitute a default of or require any consent or notice under any provision of any agreement or other instrument to which the Bidder is a party or by which the Bidder are or may be bound.
- iii. Each of the representations and warranties shall be construed as a separate representation

, warranty, covenant or undertaking, as the case may be, and shall not be limited by the terms of any other representation or warranty or by any other term of this Agreement.

- iv. The Parties have read, understood and agree with the terms of this Agreement and the Tender Document.

## **9 Miscellaneous**

- i. This Agreement shall be specifically enforceable at the instance of any of the Parties.
- ii. Notices, demands or other communication required or permitted to be given or made under this Agreement shall be in writing in the English language and delivered personally or sent by prepaid post with recorded delivery addressed to the intended recipient at its address set forth below:

If to the Party of the First Part [Add name]

[Add address]

Attention: [add name of the person]

If to the Party of the Second Part [Add name]

[Add address]

Attention: [add name of the person]

- iii. Any such notice, demand or communication shall, unless the contrary is proved, be deemed to have been duly served at the time of delivery in the case of service by delivery in person or by registered post.
- iv. Each Party shall bear its own legal, accounting, professional and advisory fees, commissions and other costs and expenses incurred by it in connection with this Agreement and the transactions contemplated herein.
- v. This Agreement supersedes all prior discussions and agreements (whether oral or written, including all event of any conflict between the terms of this Agreement and the Contract and the Tender Document, the terms of the Contract shall prevail.
- vi. Any provision of this Agreement, which is invalid or unenforceable, shall be ineffective to the extent of such invalidity or unenforceability, without affecting in any way the remaining provisions hereof.
- vii. This Agreement shall be governed and interpreted by and construed in accordance with

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

the substantive laws of India, without giving effect to the principles of conflict of laws there under.

- a. Any and all disputes or differences between the Parties arising out of or in connection with this Agreement or its performance shall, so far as it is possible, be settled amicably through consultation between the Parties
  - b. If after 30 (thirty) days of consultation, the Parties have failed to reach an amicable settlement, on any or all disputes or differences arising out of or in connection with this Agreement or its performance, such disputes or differences shall be submitted to final and binding arbitration. The arbitration panel shall consist of three arbitrators: one nominated by [add name of Party of the First Part], one nominated by [add name of Party of the Second part] and the third nominated jointly by both the parties. The arbitration shall be governed by the Chhattisgarh Arbitration Tribunal Act. The place of arbitration shall be Chhattisgarh, Chhattisgarh. The language to be used in the arbitration proceedings shall be English. The award of the arbitration proceedings will be final and binding on both Parties to the Agreement.
- viii. This Agreement shall be governed by the laws of India.

**IN WITNESS WHEREOF**, the Parties have entered into this Agreement the day and year first above written. **[add name of the party of the First Part]**

Authorized Signatory

Name:

Designation:

In the presence of:

Name:

Address:

**[Add name of the party of the Second Part]**

Authorized Signatory

Name

Designation:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

In presence of:

Name:

Address:

**[Add name of the party of the Third Part]**

Authorized Signatory

Name:

Designation:

In presence of: Name:

Address:

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

## **Annexure 16-Draft Concessionaire Agreement**

<<To be executed on Stamp Paper as mandated by the Law>>>

THIS AGREEMENT made the \_\_\_\_\_, day of \_\_\_\_\_ 2021

### **BETWEEN**

The <Successful Bidder name> having its office at \_\_\_\_\_  
(hereinafter referred to as "Successful Bidder") which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include its authorized agents, representatives and permitted assigns of the First Part.

### **AND**

Transport Commissioner, Government of Chhattisgarh (hereinafter referred to as the "TDC") which expression shall unless repugnant to the context or meaning thereof mean and be deemed to include their successors and permitted assigns of the Second Part.

### **WHEREAS**

The Successful Bidder has tendered for providing services per the terms and conditions mentioned in the Request for Proposal number \_\_\_\_\_ (from here in

## RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

after referred to as "RFP") and the all subsequent corrigenda published and as per the Technical and Financial Bid submitted in response to the RFP. Whereas such tender has been accepted and the Successful Bidder has deposited / provided Bank Guarantee to TDC for the sum of Rs.100,00,000/- (Rs. one Crore only) as Performance Bank Guarantee (PBG) for the full fulfilment of this Agreement.

**NOW IT IS HEREBY AGREED** between the parties here to as follows:

The Successful Bidder has accepted the contract on the terms and conditions set out in the RFPs well all response to queries via clarification published which shall hold well during period of this contract.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Refund of PBG shall be based on the time lines, terms and conditions as has been specified in the RFP and shall form a part of the contract and will be returned to the Successful Bidder but without interest and after deducting there from any sum due by the Successful Bidder to TDC under the terms and conditions of this contract.

This contract shall remain in force for complete project period of 120 months from date of signing of contract. However, either party may terminate the contract if the other party is in material breach of this contract and has not been rectified by the other party within the time specified in the RFP.

In witness whereof the said Successful Bidder has set his hand hereto and the TDC has affixed his hand and seal there to the day and year first above written.

All terms and conditions as specified in the RFP, clarifications issued and corrigendum issued in regards to the RFP as has been mentioned above in the document shall stand in force unless has been expressly agreed to in writing by both the parties.

The Successful Bidder shall be responsible to abide and shall be liable to deliver as per the requirements / deliverables as has been specified to in the RFP, clarifications issued and corrigendum issued in regards to the RFP as has been mentioned above and any higher deliverables as has been committed to by the Successful Bidder in the Proposal or any subsequent document submitted to & accepted by TDC as part of award of the Contract.

The following documents shall be deemed to form and be read and construed as part of this Agreement viz:

- a. RFP along with all Annexures No: \_\_\_\_\_ issued on \_\_\_\_\_
- b. Corrigendum No \_\_\_\_\_ issued on \_\_\_\_\_
- c. Clarifications to bidders queries issued on \_\_\_\_\_
- d. Technical Bid submitted by Successful Bidder on \_\_\_\_\_
- e. Commercial Bid submitted by the Successful Bidder on \_\_\_\_\_
- f. Service Levels defined in RFP
- g. Non-Disclosure Agreement signed between TDC and Successful Bidder dated \_\_\_\_\_

IN WITNESS where of the parties here to have signed this on the \_\_\_\_\_ day, \_\_\_\_\_ month and \_\_\_\_\_ year first here in above written.

RFP for Selection of Agency for Setting up ANPR at Select locations in Chhattisgarh State

Signed, Sealed and deliveredBy

RFPforSelectionofAgencyforSettingupAdaptiveTrafficManagementSysteminBhopalCity

Mr. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

For and on behalf of Transport department, Government of Chhattisgarh

Signed, Sealed and delivered By

Mr. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

For and on behalf of <Successful Bidder

name>Witnesses:

1. <Witness one>
2. <Witness two>

