

## Answer to Pre-Bid Queries – Corrigendum - II

Sr. No	RFP Document Clause/ Section No.	Content of the RFP Requiring Clarification	Clarification Sought	Response /Revised Clause
1	Corrigendum – I, Point 4	Similar Work: The sole/lead bidder (in case of a consortium) should have demonstrable experience in supply, installation, testing & commissioning (SITC) and operation of their own / any OEM’s COTS e-Challan application for at least 2 completed / ongoing projects in the last five years as on bid submission date (WO / go-live certificate must have been issued within last 5 years), in Municipal Corporation/ Central / State/ PWD / M.E.S. / Semi Govt. / Private Organizations / any international project executed or on going for any Government or private entity. i. The e-Challan application must have basic functionalities of detecting Red Light Violation (RLVD) along with Automatic Number Plate Recognition (ANPR) and generating e-Challan for same at Day – 0. ii. The cited project will only be considered if the e-Challan application implemented in that project has automatically generated >10K e-	Similar Work: The sole/ lead/ OEM bidder (in case of a consortium) should have demonstrable experience in supply, installation, testing & commissioning (SITC) and operation of their own / any OEM’s COTS e-Challan application for at least 2 completed / ongoing projects in the last five years as on bid submission date (WO / go-live certificate must have been issued within last 5 years), in Municipal Corporation/ Central / State/ PWD / M.E.S. / Semi Govt. / Private Organizations / any international project executed or on going for any Government or private entity. i. The e-Challan application must have basic functionalities of detecting Red Light Violation (RLVD) along with Automatic Number Plate Recognition (ANPR) and generating e-Challan for same at Day – 0 1. ii. The cited project will only be considered if the e-Challan application implemented in that project has automatically generated >10K e-Challans for RLVD.	Please refer to Corrigendum 2

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		Challans for RLVD		
2	Corrigendu m – I, Point 4	The sole/lead bidder (in case of a consortium) - In case of Completed project – Copy of work order + Completion Certificates from client mentioning the functionalities implemented; In case of ongoing projects - Work order + Certificate from the client mentioning the functionalities implemented + Performance certificate of the sole/lead bidder (in case of a consortium) from the client Certificate from the client clearly mentioning the number of RLVD e-Challans generated automatically by the quoted eChallan application	The sole/ lead/ OEM bidder (in case of a consortium) - In case of Completed project – Copy of work order + Completion Certificates from client mentioning the functionalities implemented; In case of ongoing projects - Work order + Certificate from the client mentioning the functionalities implemented + Performance certificate of the sole/lead/ OEM bidder (in case of a consortium) from the client Certificate from the client clearly mentioning the number of RLVD e-Challans generated automatically by the quoted e-Challan application	Please refer to Corrigendum 2

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3	7.1. Eligibility Pre-Qualification Criteria, sr. no. 4 (PQ-4) and Page no. 34	<p>Similar Work:</p> <p>The Bidder should have demonstrable experience in supply, installation, testing &amp; commissioning (SITC) and operation of their own / any OEM’s COTS e-Challan application for at least 2 completed / on going projects in the last five years as on bid submission date (WO / go-live certificate must have been issued within last 5 years), in Municipal Corporation/ Central / State/ PWD / M.E.S. / Semi Govt. / Private Organizations / any international project executed or on going for any Government or private entity.</p> <p>i. The e-Challan application must have basic functionalities of detecting Red Light Violation (RLVD) along with Automatic Number Plate Recognition (ANPR) and generating e-Challan for same at Day – 0.</p> <p>ii. The cited project will only be considered if the eChallan application implemented in that project has automatically generated &gt;10K e-Challans for RLVD. The bidder should submit a certificate from client on completion status of on-going project and performance of</p>	<p>Requesting to modify the clause for wider bidder participation as</p> <p>"Similar Work:</p> <p>The Bidder/OEM should have demonstrable experience in supply, installation, testing &amp; commissioning (SITC) and operation of their own / any OEM’s COTS e-Challan application for at least 2 completed / on going projects in the last five years as on bid submission date (WO / go-live certificate must have been issued within last 5 years), in Municipal Corporation/ Central / State/ PWD / M.E.S. / Semi Govt. / Private Organizations / any international project executed or on going for any Government or private entity.</p> <p>i. The e-Challan application must have basic functionalities of detecting Red Light Violation (RLVD) along with Automatic Number Plate Recognition (ANPR) and generating e-Challan for same at Day – 0.</p> <p>ii. The cited project will only be considered if the eChallan application implemented in that project has automatically generated &gt;10K e-Challans for RLVD. The bidder should submit a certificate from client on completion status of on-going project and performance of bidder.</p>	Please refer to Corrigendum 2
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4	Bid submission	14.02.2024 at 17.00 hours	<p>Request to extend the bid submission by at least two weeks</p> <p>The corrigendum is released just 5 days prior to the bid submission. Also in these 5 days, there are two holidays of Saturday &amp; Sunday. For this size of the bid where the EMD itself is of 50 Crores, it is not possible to submit the bid.</p> <p>Also, now the consortium has been allowed in the corrigendum. It is absolutely impossible to find out the consortium partner and jointly bid in just 5-6 days.</p> <p>So, kindly requested to extend the bid submission by at least two weeks.</p>	Please refer to Corrigendum 2
5	7.2. Technical Evaluation Criteria, sr. no. 2 (TQ-2) and Page no. 37	<p>TQ-2 Bidder Competence – Work Experience</p> <p>No. of projects completed / ongoing for SITC and operation of their own / any OEM's COTS e-Challan application as per PQ - 4</p> <p>&gt;= 6 nos.=10 Marks</p> <p>&gt;= 4 nos. and &lt; 6 nos. = 9 Marks</p> <p>&gt;= 2 nos. and &lt; 4 nos. = 8 Marks</p>	<p>Requesting to modify the clause for wider bidder participation as</p> <p>Bidder Competence – Work Experience from Bidder/OEM</p> <p>No. of projects completed / ongoing for SITC and operation of their own / any OEM's COTS e-Challan application as per PQ - 4</p> <p>&gt;= 6 nos.=10 Marks</p> <p>&gt;= 4 nos. and &lt; 6 nos. = 9 Marks</p> <p>&gt;= 2 nos. and &lt; 4 nos. = 8 Marks</p>	Please refer to Corrigendum 2

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6	7.1. Eligibility Pre-Qualification Criteria, sr. no. 2 (PQ-2) and Page no. 34	<p>The bidder should have a minimum cumulative turnover of Rs. 2.5 crores from ICT/IT/ITES Projects in last three (3) financial years (i.e. FY 2019-20, 2020-21 and 2021-22 or FY 2020-21, 2021-22 and 2022-23 (non-audited))</p> <p>If the bidder is MSME registered company, than bidder should have a minimum cumulative turnover of Rs. 1 crore from ICT/IT/ITES Projects in last three (3) financial years (i.e. FY 2019-20, 2020-21 and 2021-22 or FY 2020-21, 2021-22 and 2022-23 (non-audited))</p>	<p>Here in RFP, the EMD asked is 50 Lacs. As per the government norms, the EMD should be 2 to 5 % of the estimated value of the project. Here if we consider highest value 5%, than the estimated value of project is 10 Crore. For the project valued 10 Crore minimum, the turnover of average 2.5crore for last 3 financial years may create risk for Ahmedabad Smart city. Because Ahmedabad Smart city must not take risk of giving minimum 10 crore worth of project to the party who does business of only 7.5 crore cumulatively in last 3 years. This is a suggestion. We request Ahmedabad smart city to increase the average annual turnover for last 3 years to minimum 10 Crore.</p>	No change
7	New RFP_ICCC_SASA_e-Challan_Final - 37510, page No. 28	General	<p>As per RFP Clause, page no. 14, 2. The RLVD system Including ANPR capabilities should be integrated with the various application and Databases like e-GujCop, RTO Database (Vahan, Sarathi), one nation one challan application and e-Challan application.</p> <p>We have integrated e-challan with NIC/VAHAN in more than 7 cities. Based on our experience, all e-challans are currently processed through the m-Parivahan portal after integration with NIC. Therefore, the ITMS OEM is not required to handle e-challans. The OEM responsibility now lies in pushing the violation data to the NIC server through VAHAN integration.</p> <p>Hence, we request that you kindly remove the e-Challan System from the current scope and amend the clause as mentioned below for fair &amp; wider participation.</p>	No change

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			"The OEM should have completed a minimum of 7 integrations with the NIC/VAHAN database in the last 5 years".	
8	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 35	<p>7.1. Eligibility Pre-Qualification Criteria:</p> <p>4. Similar Work:</p> <p>ii. The cited project will only be considered if the e- Challan application implemented in that project has automatically generated &gt;10K e-Challans for RLVD.</p> <p>Certificate from the client clearly mentioning the number of RLVD e-Challans generated automatically by the quoted e-Challan application.</p>	<p>We have integrated e-challan with NIC/VAHAN in more than 7 cities. Based on our experience, all e-challans are currently processed through the m-Parivahan portal after integration with NIC. Therefore, the ITMS OEM is not required to handle e-challans. The OEM responsibility now lies in pushing the violation data to the NIC server through VAHAN integration.</p> <p>We request you to kindly remove this clause and amend the clause as mentioned below for fair &amp; wider participation.</p> <p>4. Similar Work:</p> <p>The OEM should have completed a minimum of 7 integrations with the NIC/VAHAN database in the last 5 years.</p>	No change

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9	New RFP_ICCC_SASA _e-Challan_Final - 37510, Page Nos. 12	<p>5.1 Use cases: This section deals with 20 Use cases along with their bucket wise bifurcation of the Use cases and detailed functional requirements.</p> <p>2. Traffic- Wrong Side Driving detection- RLVD cameras installed at junctions.</p> <p>3. Traffic- Not wearing seat belt detection- RLVD cameras installed at junctions.</p> <p>4. Traffic- Not wearing helmet detection- RLVD cameras installed at junctions.</p> <p>5. Traffic- Use of Mobile Phone while driving- RLVD cameras installed at junctions.</p> <p>6. Traffic- View ambient volume count of all types of vehicles- RLVD cameras installed at junctions.</p> <p>7. Traffic- Detection of more than two passenger on two-wheeler- RLVD cameras installed at junctions.</p> <p>8. Traffic- Detection of violation of entry prohibitory notification by heavy goods / passenger vehicles- RLVD cameras installed at junctions.</p> <p>9. Traffic- Detection of lane violation blocking free left traffic by entering wrong lane- RLVD cameras installed at junctions.</p> <p>12. Civic Administration-Spitting</p>	<p>2. Wrong Side Driving detection</p> <p>3. Not wearing seat belt detection</p> <p>4. Not wearing helmet detection</p> <p>5. Use of Mobile Phone while driving</p> <p>6. View ambient volume count of all types of vehicles</p> <p>7. Detection of more than two passenger on two-wheeler</p> <p>8. Detection of violation of entry prohibitory notification by heavy goods / passenger vehicles</p> <p>9. Detection of lane violation blocking free left traffic by entering wrong lane</p> <p>12. Spitting Detection</p> <p>14. Detection of uncovered debris in truck &amp; extended metallic elements outsideof heavy vehicles.</p> <p>As per the Scope of Work outlined in the RFP, the mentioned Vehicle Analytics (VA) use cases will run on RLVD cameras installed at junctions. However, it is crucial to note that the aforementioned VA analytics are designed to operate specifically on ANPR cameras/ lanes, rather than RLVD cameras. This distinction is important as capturing number plate data is essential for challaning purposes. RLVD/Evidence cameras are reserved solely for evidentiary purposes.</p> <p>It is also emphasized that these Vehicle Analytics use cases will require correlation between RLVD and ANPR data.</p> <p>Hence, we request you to kindly amend the clause as mentioned below for fair &amp; wider participation.</p> <p>" The above mentioned VA Use-cases Run on ANPR</p>	Please refer to Sr.No : 13 of Pre- Bid Answers of Corrigendum - I
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		<p>Detection - RLVD cameras installed at junctions.</p> <p>14. Civic Administration-Detection of uncovered debris in truck &amp; extended metallic elements outsideof heavy vehicles- RLVD cameras installed at junctions.</p>	<p>Cameras installaed at Junctions".</p>	
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10	New RFP_ICCC_SASA _e-Challan_Final - 37510, Page Nos. 13	<p>Scope of Work:</p> <p>The scope of work under this RFP covers below mentioned 20 Use cases, additional features &amp; Mobile application along with functional requirements to be implemented in e-Challan application / solution:</p> <ol style="list-style-type: none"> <li>1. ANPR cameras at junctions - 1542 Nos.</li> <li>2. RLVD cameras at junctions- 457 Nos.</li> <li>3. ANPR Cameras at BRTS- 249 Nos.</li> <li>4. PTZ - 304 Nos</li> </ol>	<p>The standard life cycle of any electronic device is 6-7 years, during which the quality of the feed keeps degrading continuously.</p> <p>As per the RFP, the cameras and external IR illuminators have been functional in the project for the past 5–6 years. The accuracy level as desired in the RFP is also dependent on the quality of the video feed coming from existing cameras and the IR illumination from an external illuminator during night time and the same shall be ensured by SCADL.</p>	Please refer to Sr No : 14 of Pre- Bid Answers of Corrigendum - I
11	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 14	<p>8. The RLVD system should have both the options, one for integration with the Red Light Signaling System controller and second it should be able to sense the Red-light sign using pixel based change detection and identify violators based on it.</p>	<p>In the RFP it is mentioned that RLVD system should have both provision of detecting RLVD by using pixel based change detection(VA method) and integration with Red light controller method.</p> <p>Our RLVD system have provision to detect red light having both system but detecting Red light by integration with Red light signalling system will additionally required NO/NC device and there will be commercial impact of this on MSI/bidder and it is also a old technology.</p> <p>Therefore we request you to kindly amend the clause as mentioned below-</p> <p>The RLVD system should have both the options, one for integration with the Red Light Signaling System controller and second it should be able to sense the Red-light sign using pixel based change detection and identify violators</p>	Please refer to Sr No : 15 of Pre- Bid Answers of Corrigendum - I

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			based on it. Bidder have to propose RLVD solution as per their OEM solution architecture.	
12	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 18	5.1 Use cases: Use case 12: 5.1.12 : Spitting detection	<p>Spitting detection with challan feature is required in RFP but to implement this in actual scenario is a difficult task there are several challenges while deploying in real scenario, here are some challenges that we may face while deploying Spitting detection- It may generate lots of the false events because of lighting conditions, weather (e.g., rain), and obstructions in the camera's field of view, These factors can lead to false positives or negative alert, Different camera perspectives and angles can make it difficult to capture and analyze spitting behaviors accurately and also Achieving a balance between minimizing false positives (identifying non-spitting actions as spitting) and false negatives (failing to detect actual spitting incidents) is challenging. Continuous video monitoring to detect spitting could raise privacy concerns as well, as it involves capturing individuals' actions in public spaces.</p> <p>Therefore we request you to kindly remove this Video analytics use case</p>	Please refer to Sr No: 16 of Pre- Bid Answers of Corrigendum - I
13	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 18	5.1 Use cases: Use case 10: 5.1.10: Detection of faded stop lines & zebra crossings	As per VA techniques, machine learning algorithms and modules, Detection of faded stop lines & zebra crossings are possible over a period of time. Already faded stop lines & zebra crossings are difficult to detect in Video Analytics. Kindly confirm if our understanding is correct	Please refer to Sr No : 17 of Pre- Bid Answers of Corrigendum - I

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14	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 19	5.1 Use cases: Use case 14 : 5.1.14 : Detection of uncovered debris in truck & extended metallic elements outside of heavy vehicles	In a moving truck, which can be detected through an IP camera for a few microseconds or miliseconds. Detection weather the material inside the truck is debris or something has been very difficult to detect. Hence, we request you to kindly remove this VA use case from the Scope of work.	Please refer to Sr.No : 16 of Pre- Bid Answers of Corrigendum - I
15	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 20	5.1 Use cases: Use case 16 : 5.1.16 : Detection of damaged infrastructure	For detection of damaged infrastructure we request authorities to provide some datasets to learn and train our VA module as per site actual conditions	Please refer to Sr No : 19 of Pre- Bid Answers of Corrigendum - I
16	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 21	5.1 Use cases: Use case 18 : 5.1.18: Detection of potholes on the road	As per industry standard video analytics works on camera pixels data. Hence we request you to kindly define the size of the object of potholes in terms of pixels as 200x200 PPM.	Please refer to Sr No : 20 of Pre- Bid Answers of Corrigendum - I
17	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 26	5.2.2 Perform people search based on description: Perform people search based on description - application should provide options to input details like man, woman, boy, girl, child, old age people, age, height, body width etc.	Through AI system we can get valuable visual information but AI system is unable to measure physical dimensions. Therefore it is not possible to detect age, height, body width etc from AI system.  Therefore we request to kindly remove the clause as mention below-  Perform people search based on description - application should provide options to input details like man, woman, boy, girl, child and also confirm the no. of licenses require for these use cases.  Also Confirm the this use case will runs on how many	Please refer to Sr No : 21 of Pre- Bid Answers of Corrigendum - I

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			cameras and incorporate the same in Financial Bid format.	
18	New RFP_ICCC_SASA _e-Challan_Final - 37510, 5.5 Automatic Number Plate Recognition (ANPR) System, Page no. 29	7. The Accuracy of ANPR system should be more than 90% in case of standard English Iphanumeric Font and High Security Registration plates and 75% for Hindi Devnagari and Gujarati scripts, the system should be able to capture the Registration Plate of a vehicle moving at a speed of up to 120 Km/hour with the same level of accuracy.	ANPR is the backbone of any ITMS system, and the provenance of ANPR accuracy Hence, we request that you kindly add an accuracy certificate from any police or traffic police department for meeting 90% ANPR accuracy satisfactory certificate/document required	Please refer to Sr No : 22 of Pre- Bid Answers of Corrigendum - I
19	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 30	5.6. Other important details: 5. There is no GPU available in existing server setup. It is bidder's responsibility to arrange GPU for their software requirement. Successful bidder will be free to augment the existing hardware/software at their own cost as per their requirement to ensure the achievability of the SLA's.	We request that you kindly confirm how many GPU slots are available per server for the provision of GPU cards.	Please refer to Sr No : 23 of Pre- Bid Answers of Corrigendum - I

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20	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 30	<p>5.6. Other important details:</p> <p>6. SCADL will provide below mentioned IT resources to selected bidder to install e-Challan application and associated database.</p> <p>If bidder requires any additional IT resources to successfully deploy &amp; operate eChallan application &amp; its associated database, then SI will have to arrange resources on public cloud on their own cost (including all types of cost elements of public cloud like IT infrastructure / IT resources, bandwidth cost etc.). Bidder may plan the architecture of the application wherein some of the modules of the overall application suit is run on SCADL IT infrastructure and other may be run on public cloud. Bidder will have to clearly mention proposed technical architecture of their application suit along with internet connectivity / data consumption requirement for communication between SCADL IT infrastructure and public cloud in their proposal &amp; presentation.</p>	<p>Private cloud provides advantages of Scalability, High Availability, Security and natively running Advanced services. Major projects and customers run their applications on private Cloud.</p> <p>Hence, we request you to kindly amend the clause as mentioned below for fair &amp; wider participation.</p> <p>If bidder requires any additional IT resources to successfully deploy &amp; operate Challan application &amp; its associated database, then SI will have to arrange resources on public cloud on their own cost (including all types of cost elements of public cloud or private cloud like IT infrastructure / IT resources, bandwidth cost etc.). Bidder may plan the architecture of the application wherein some of the modules of the overall application suit is run on SCADL IT infrastructure and other may be run on public cloud or private cloud. Bidder will have to clearly mention proposed technical architecture of their application suit along with internet connectivity / data consumption requirement for communication between SCADL IT infrastructure and public cloud in their proposal &amp; presentation.</p>	Please refer to Sr No : 24 of Pre- Bid Answers of Corrigendum - I
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21	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 31	9. Selected SI will have to submit entire source code of the application to SCADL without any additional cost at the end of contract period. The ownership of the application (including the source code) will be of SCADL. It is selected SI's responsibility to ensure that with the source code provided to SCADL, the entire e-challan analytics application runs successfully even post contract period without any further requirement of O&M contract with the bidder. Also, selected SI will be responsible to provide technical & functional training to SCADL representatives on this matter so that SCADL team can successfully run the application post contract period.	Source code is Intellectual property rights of any Software OEM and it can't be shared. We will provide API to integrate with any 3rd party Application if required. Hence we request you to please remove source code.  Hence, we request that you amend the clause as mentioned below for fair and larger participation.  Selected SI will have to submit API, backup data to SCADL without any additional cost at the end of contract period.	Please refer to Sr No : 25 of Pre- Bid Answers of Corrigendum - I
22	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 41	8.1. Implementation phase SLA:  8.2.Accuracy of e-Challan application  8.3.Software support – for which SI is responsible	As per Tender document, clause no. 8. Service Level Agreement (SLA) & Penalties, Maximum penalty ceiling for this penalty clause will be 10% of total capex (A0) as per financial bid.However in clause 8.2.Accuracy of e-Challan application & 8.3.Software support – for which SI is responsible, it is mentioned different penalty.  As per the best practices in the government tender, overall penalties attributing to multiple factors should be capped at the maximum of 10% of the contract value.  Hence, we request you to kindly amend the clause as mentioned below for fair & wider participation.	Please refer to Sr No : 26 of Pre- Bid Answers of Corrigendum - I

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			Maximum penalty ceiling for this penalty clause will be 10% of total capex (A0) as per financial bid for Implementation phase SLA, Accuracy of e-Challan application & Software support.	
23	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 41	8.2. Accuracy of e-Challan application:  4.2.3. For all wrongly identified numbers (false positives), penalty of Rs. 10,000/- per each false positive will be levied to selected SI.	We request you to kindly amend the clause as mentioned below for fair & wider participation.  4.2.3. For all wrongly identified numbers (false positives), penalty of Rs. 10,000/- per each false positive use case per quarter will be levied to selected SI.	Please refer to Sr No : 27 of Pre- Bid Answers of Corrigendum - I



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24	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 76	<p>A: SITC and O&amp;M of e-Challan application &amp; related database:</p> <p>2. License cost for one license for Wrong Side Driving detection- 457 Nos.</p> <p>3. License cost for one license for Not wearing seat belt detection- 457 Nos.</p> <p>4. License cost for one license for Not wearing helmet detection- 457 Nos.</p> <p>5. License cost for one license for Use of Mobile Phone while driving- 457 Nos.</p> <p>6. License cost for one license for ambient volume count of all types of vehicles with bifurcation of types of vehicle- 457 Nos.</p> <p>7. License cost for one license for Detection of more than two passenger on two-wheeler- 457 Nos.</p> <p>8. License cost for one license for Detection of violation of entry prohibitory notification by heavy goods / passenger vehicles- 457 Nos.</p> <p>9. License cost for one license for Detection of lane violation blocking free left traffic by entering wrong lane- 457</p>	<p>&gt; Wrong Side Driving,</p> <p>&gt; Not wearing seat belt,</p> <p>&gt; Not wearing helmet, Use of Mobile Phone while driving,</p> <p>&gt; Ambient volume count of all types of vehicles with bifurcation of types of vehicle</p> <p>&gt; Detection of more than two passenger on two-wheeler,</p> <p>&gt; Detection of violation of entry prohibitory notification by heavy goods / passenger vehicles,</p> <p>&gt; Detection of lane violation blocking free left traffic by entering wrong lane,</p> <p>&gt; Detection of faded stop lines &amp; zebra crossings, Spitting Detection,</p> <p>&gt; Detection of uncovered debris in truck &amp; extended metallic elements outside of heavy vehicles etc.</p> <p>The Above Traffic VA license quantity is 457 Nos, which is equivalent to the quantity of Red Light Violation Detection / Stop Line Violation Detection System 457 Nos. However, it is important to note that these above mentioned Analytics operate on ANPR Cameras/Lanes rather than RLVD Cameras/Arm. This is because capturing number plate data is essential for challaning purposes. RLVD/Evidence cameras can only be used for evidentiary purposes.</p> <p>According to the industry standard, our understanding is that the above mentioned Traffic Analytics will runs on ANPR Camera/ANPR Lanes and the Quantity of these anytics shall be count on 1542 ANPR Lanes.</p> <p>Hence, we request you to kindly confirm.</p>	Please refer to Sr No : 13 of Pre- Bid Answers of Corrigendum - I
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		<p>Nos.</p> <p>10. License cost for one license for Detection of faded stop lines &amp; zebra crossings- 457 Nos.</p> <p>12. License cost for one license for Spitting Detection - 457 Nos.</p> <p>14. License cost for one license for Detection of uncovered debris in truck &amp; extended metallic elements outside of heavy vehicles- 457 Nos.</p>		
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25	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 76	12.12 Financial Bid format: 3) Not wearing seat belt detection 5) Use of Mobile Phone while driving	Out of mentioned use cases, No seat belts / safety belts & Use of mobile phone while driving requires to capture the vehicle from front side. Whereas other use cases like RLVD/SVD (for capturing evidence), Not wearing helmet (bike plates are better readable from rear side), etc. requires to capture the scene from rear side.  Please clarify the count of such analytics which may require separate cameras to capture the vehicle from front. Also let us know whether these camera count are considered in the RFP or MSI has to separately considered these cameras along with required accessories.	Please refer to Sr No : 29 of Pre- Bid Answers of Corrigendum - I
26	New RFP_ICCC_SASA _e-Challan_Final - 37510, page No. 76	12.12 Financial Bid format: 11. License cost for one license for Identify unattended objects, baggage, vehicle in a given camera feed with help of analytics- 304 Nos.  13. License cost for one license for Detection of cattle on road- 304 Nos.	As per best industry practice, video analytics will perform only on fixed camera with fixed field of view. Therefore we request you to kindly confirm that the camera field of view for the PTZ camera will be fixed for running analytics.	Please refer to Sr No : 30 of Pre- Bid Answers of Corrigendum - I
27	Pg No. 13	5.1.1 Area Traffic Control System Red Light Violation Detection / Stop Line Violation Detection System	Point 6: Gujarati and Hindi license plates can be detected. But doing OCR on them will require local datasets and will require a timeline. Point 9: Images will be saved from both ANPR and RLVD. But if there is a difference between ANPR and RLVD cameras' syncing (due to camera), the camera provide must solve this.	No change

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28	Pg No. 15	5.1.3: No seat belts / safety belts detection system & 5.1.5: Detection of use of mobile phone while driving	Point 2: All the RLVD camera in Ahmedabad are faced to see traffic signals of the ongoing traffic where only back side of the vehicles are seen and no front side. In that case how to detect the seat-belt? In order to penetrate windsheild reflection, specialized camera will be required. Normal RLVD or ANPR camera are not able to see inside.	5.1.3 Please refer to Corrigendum - I 5.1.5 No change
29	Pg No. 15	5.1.4 Not wearing helmet detection AND 5.1.7: Detection of more than two passengers on two-wheeler	Point 3: For a 24x7 system to detect 'Not wearing helmet', a query is that will the helmet be visible at night via ANPR cameras, even using IR?	Please refer Sr. No : 16 of Pre- Bid Answers of Corrigendum - I
30	Pg No. 16	5.1.6: View count of vehicles bifurcation	Point 2: It can be done via ANPR, and RLVD cameras see the on going traffic from back side of one side of a cross junction. And vehicle bifurcation will be performed on these.	Query Not Clear
31	Pg No. 16	5.1.9: Detection of lane violation blocking free left traffic by entering wrong lane	Point 1: The client must assign ANPR camera in system as left most lane. So when a red light is detected, vehicles from this lane will be considered as violeted.	For all those junctions where free left is allowed, all the vehicles from left most lane will not be considered as violation, but only stationary vehicles will be considered as a violation.

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32	Pg No. 19	5.1.12: Spitting detection	Point 3: It is observed that riders are not visible in night with ANPR cameras, even with IR. So need correction for 24x7 requirement.	Please refer to corrigendum- I
33	Pg No. 19	5.1.14 : Detection of uncovered debris in truck & extended metallic elements outside of heavy vehicles	Point 3: If this needs to be detected via ANPR camera, it's observed that in the Ahmedabad camera at night even with IR the cargo in truck is not visible.	Please refer Sr. No : 16 of Pre- Bid Answers of Corrigendum - I
34	Pg No. 20	5.1.16 : Detection of damaged infrastructure	Point 1: From which cameras to do these?	Please refer to RFP clause 5.1.16
35	Pg No. 20	5.1.17 : Parking rule violation detection	Which cameras?	Please refer to RFP clause 5.1.17
36	Pg No. 22	5.1.20: Detection of unauthorized vehicle in BRTS lane	Unauthorized shall be considered from the checking whitelisted vehicles or special vehicle type	Please refer to Sr.No. 57

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37	Pg No. 26	5.2.2 Perform people search based on description	How many cameras? So based on these a hardware requirement can be formed.	This particular usecase to be as an feature in the e-challan application. Where e-challan application should be capable enough to Perform people search based on description - application should provide options to input details like man, woman, boy, girl, child, old age people, age, height, body width etc.
38	Pg. No.30 - Other important details	SCADL will provide below mentioned IT resources to selected bidder to install e-Challan application and associated database.	Please confirm IT Infrastructure like - Workstation etc. will be provided by SCADL	SCADL will provide Seating arrangement/Space in the premises
39			Maintenance of existing IT Infrastructure - Server storage etc. will be provided by SCADL	Server Storage hardware maintenance is in Scope of SCADL.

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40	Pg. No.31 SCADL will ensure that existing SI will be available with his entire present team	RTSP Streams	Please confirm RTSP streams will be provided to us from existing system and network arrangements to bring Video Streams from existing system to the existing servers to utilized for proposed system will be provisioned by SCADL	Please refer RFP clause 5.6 Point no.6 (Last bullet point)
41			Please provide us resolution of Video Streams planned to be provided for performing Video Analytics use cases	Video clip for committed violation is to be stored.
42		Camera Quality	Accuracy of performing Video Analytics will heavily depend upon the quality of Video Streams provided from existing system. Accuracy and Non Performance issues cause due to existing system shall not be attributed to Bidder	Model of the cameras are already provided in the O & M RFP. The link for the same is mentioned in the RFP.
43	Pg. No.27 Mobile App	Mobile App	How many total users and concurrent users for Mobile App are required to be considered	Approximately 1000 no. of Police personnel simultaneously will use mobile application. However, Actual requirement of mobile users will be informed to the successful bidder during implementation phase of the project.

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44			Please confirm whether Mobile App required is Android / iOS / Hybrid	Mobile application to be compatible with Android/iOS/Hybrid
45	Pg. No. 37 Technical Evaluation Criteria	1 Mark each for all identified instances	Kindly elaborate on identified Instances	Identified instances are the violations detected against that particular usecase asked in POC
46		5.1.1 Area Traffic Control System Red Light Violation Detection / Stop Line Violation Detection System	Point 6: Gujarati and Hindi license plates can be detected. But doing OCR on them will require local datasets and will require a timeline. Point 9: Images will be saved from both ANPR and RLVD. But if there is a difference between ANPR and RLVD cameras' syncing (due to camera), the camera provide must solve this.	Please refer to Sr. No. 27
47		5.1.3: No seat belts / safety belts detection system	Point 2: All the RLVD camera in Ahmedabad are faced to see traffic signals of the ongoing traffic where only back side of the vehicles are seen and no front side. In that case how to detect the seat-belt? In order to penetrate windsheild reflection, specialized camera will be required. Normal RLVD or ANPR camera are not able to see inside.	Please refer to Sr. No. 28
48		Not wearing helmet detection	Point 3: For a 24x7 system to detect 'Not wearing helmet', a query is that will the helmet be visible at night via ANPR cameras, even using IR?	Please refer to Sr.No . 29
49		5.1.5: Detection of use of mobile phone while driving	Point 1: Same as 5.1.3's point 2 concern.	Please refer to Sr.No . 28
50		5.1.6: View count of vehicles bifurcation	Point 2: It can be done via ANPR, and RLVD cameras see the on going traffic from back side of one side of a cross	Query Not Clear



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			junction. And vehicle bifurcation will be performed on these.	
51		5.1.7: Detection of more than two passengers on two-wheeler	Point 3: Same as 5.1.4's Point 3 concern.	Query Not Clear
52		5.1.9: Detection of lane violation blocking free left traffic by entering wrong lane	Point 1: The client must assign ANPR camera in system as left most lane. So when a red light is detected, vehicles from this lane will be considered as violeted.	Please refer to Sr.No.31
53		5.1.12: Spitting detection	Point 3: It is observeed that riders are not visible in night with ANPR cameras, even with IR. So need correction for 24x7 requirement.	Please refer to Sr.No. 32
54		5.1.14 : Detection of uncovered debris in truck & extended metallic elements outside of heavy vehicles	Point 3: If this needs to be detected via ANPR camera, it's observed that in the Ahmedabad camera at night even with IR the cargo in truck is not visible.	Please refer to Sr.No.33
55		5.1.16 : Detection of damaged infrastructure	Point 1: From which cameras to do these?	Please refer to Sr.No. 34
56		5.1.17 : Parking rule violation detection	Which cameras?	Please refer to Sr. No. 35

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57		5.1.20: Detection of unauthorized vehicle in BRTS lane	Unauthorized shall be considered from the checking whitelisted vehicles or special vehicle type	SCADL will not provide any list/dataset of vehicles which are to be whitelisted. Therefore succesful bidder will have to find violations based on image processing. Generally BRTS buses, Ambulances and Police vehicles are allowed in the BRTS lane ( Subject to change during implementation period of the project)
58		5.2.2 Perform people search based on description	How many cameras? So based on these a hardware requirement can be formed.	Please refer to Sr.No.37
59		Pre-Qualification for Analytics OEM	As there is no PQ criteria asked for Analytics OEM, we suggest there should be some minumum criteria for the OEM: 1. OEM of Analytics should have supplied in at least 4 smart city or safe city or outdoor environment projects in India in last 4 Financial year with min 400 Cameras. 2. OEM of Analytics Software should have deployed 10 analytics use cases in a single city project with minimum 750 cameras.	No Change

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60	<p>Section- 7 Subsection-7.1 Eligibility Pre- Qualification Criteria - Sr. No. 4 - Page No:-34-35</p>	<p>Similar Work: The Bidder should have demonstrable experience in supply, installation, testing &amp; commissioning (SITC) and operation of their own / any OEM’s COTS e-Challan application for at least 2 completed / on going projects in the last five years as on bid submission date (WO / go-live certificate must have been issued within last 5 years), in Municipal Corporation/ Central / State/ PWD / M.E.S. /Semi Govt. / Private Organizations / any international project executed or on going for any Government or private entity. i. The e-Challan application must have basic functionalities of detecting Red Light Violation (RLVD) along with Automatic Number Plate Recognition (ANPR) and generating e-Challan for same at Day – 0. ii. The cited project will only be considered if the eChallan application implemented in that project has automatically generated &gt;10K e-Challans for RLVD. The bidder should submit a certificate from client on completion status of on-going project and performance of bidder</p>	<p>In reference to this clause, we request to allow the consortium of maximum 2 members and consider the experience of any consortium member</p>	<p>Please refer to Corrigendum 2</p>
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61	Section-7 Subsection-7.2 - Technical Evaluation Criteria - Point - TQ-2 Page No:-37		In reference to this clause, we request to allow the consortium of maximum 2 members and consider the projects from any consortium member	Please refer to Corrigendum 2
62	Section-7 Subsection-7.2 - Technical Evaluation Criteria - Point - TQ-3 Page No:-37	Bidder Competence – Work Experience - Maximum Marks 40	In reference to this clause, we request to allow the consortium of maximum 2 members and consider the projects from any consortium member	Please refer to Corrigendum 2
63	3. Notice Inviting Proposal and Necessary Instruction Sr. No. 10	Proposal due date (last date & time of Tender submission) - Tender should be submitted before 14/02/2024 at 05:00 pm	Request to extend the tender submission date for at least 2 weeks.	Please refer to Corrigendum 2

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64	7.2 Technical EvaluationC riteria, TQ- 6		<p>The sole/lead bidder (in case of a consortium) needs to have valid and approved granted Intellectual Property including patents and other commercial elements. The sole/lead bidder (in case of a consortium) should have shown innovation through IP under grant, license or ownership of the sole/lead bidder (in case of a consortium). The sole/lead bidder (in case of a consortium) should show patents granted to validate their IP is authentic and genuine, developed by them. In case of a license the sole/lead bidder (in case of a consortium) should show authenticity of the patents of the license. Kindly add this clause in the Technical Evaluation Criteria to not let companies that copy work of others to be part of the bid process. By requiring the sole/lead bidder (or consortium) to have valid and granted Intellectual Property (IP), the tender authority aims to ensure that the bidder has a proven track record of innovation and competence in their field. This requirement indicates that the bidder has successfully developed and protected their innovations, which can be seen as a sign of their capability to deliver highquality solutions or services. Overall, adding this requirement to the tender document helps the tender authority select bidders who have the expertise, capability, and legal rights to deliver innovative and high-quality solutions or services, thereby increasing the likelihood of successful project outcomes.</p> <p>3 Patents- 10 marks; 2 Patents- 6 marks; 1 Patent- 2 Marks</p>	No change
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