



REQUEST FOR PROPOSAL (RFP)
for
**SELECTION OF MASTER SYSTEM INTEGRATOR FOR
IMPLEMENTATION OF
INTELLIGENT TRAFFIC MANAGEMENT SYSTEM (ITMS), CITY
SURVEILLANCE SYSTEM & INTEGRATED COMMAND AND
CONTROL CENTRE (ICCC) IN RAIPUR CITY**

Volume 1 –Instruction to Bidders

**RFP Number: RFP No.: 173/RSCL/ITMS-ICCC/2017-
18 Date: 21/04/2017**

Last date for Bid Submission: 15/05/2017

Invited by
Raipur Smart City Limited (RSCL)
Near Indoor Stadium, Opposite Budhatalab,
Raipur-492001, Chhattisgarh.

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 Raipur Smart City Limited (henceforth referred to as “**RSCL**” 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 RSCL 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 Managing Director, RSCL 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. RSCL accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein.

RSCL 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.

RSCL 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. RSCL 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 RSCL is bound to select a Bidder or to appoint the Selected Bidder (as defined hereinafter), for implementation and RSCL 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 RSCL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Bidder and RSCL 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.

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Important Dates

S. No.	Activity	Deadline
1	Release of RFP	21-04-2017
2	Last date of receipt of queries on RFP	28-04-2017
3	Pre-bid Meeting date	01-05-2017
4	Last date for submission of Bids	15-05-2017
5	Date of opening of Technical bids	15-05-2017
6	Date of opening of Commercial bids	To be notified later

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1. Introduction

Smart city Mission was launched by Government of India on 25 June, 2015. Raipur city was selected among 100 cities to be developed as smart city in India due to various achievements, initiatives and all-inclusive approach. Accordingly Raipur city had submitted “Smart City Proposal” (SCP) for Raipur City to Ministry of Urban Development, Government of India with required consent of Government of Chhattisgarh and statutory authority of Raipur Municipal Corporation.

The city of Raipur has been selected to be developed into a smart city under the fast track mode of first phase of the Smart Cities Mission. The Smart City Proposal of Raipur includes the smart city solutions which involve the use of technology, information and data to improve infrastructure and services within the city of Raipur (The Smart Solutions Projects).

The Client- Raipur Smart City Limited (RSCL) now intends to select a Master System Integrator to design and assist the Client in implementing the Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur city as one of the smart solutions.

1.1 About the Raipur Smart City Limited (RSCL)

As per the GoI guidelines, Raipur Municipal Corporation has formed a separate Special Purpose Vehicle (SPV) as Raipur Smart City Limited (RSCL) for the implementation of Smart Solution Projects under the smart city mission for the city of Raipur. This SPV shall carry end to end responsibility for vendor selection, implementation and operationalization of various smart city projects.

1.2 Introduction to Raipur Smart city Project

The smart city proposal of Raipur includes several Pan City and Area Based Development initiatives with a focus on both infrastructure and ICT advancements across the city and at strategic locations. The strategic focus of the city has been identified to improve mobility, improve situational awareness, enhance public safety and security, and introduce data driven decision making.

Components deployed throughout the city are envisaged to accrue the following benefits for the city of Raipur.

- Enable real time monitoring of the various facets of management of Raipur Smart City i.e. Security, Traffic and City Utilities
- Provide capability to respond in a unified manner to situations on ground (both day to day and emergency situations) by creating a common operational picture for the relevant stakeholder
- Provide and manage touch points from all concerned stakeholders during the lifecycle of various incidents
- Define and manage the Key Performance Indicators (KPIs) for various operational aspects of the City Management
- Provide capability to conduct analysis for continuous improvement of city operations

Raipur Smart City Limited envisages deployment of following components to achieve the objectives:

- Deployment of various sensors (intelligent traffic signals, surveillance cameras, traffic enforcement sensors, emergency call box, PA systems, environment and weather sensors) throughout the city to improve situational awareness
- Development of an integration platform which will facilitate exchange and aggregation of data irrespective of underlying technology platform of application
- Development of Integrated Command and Control center for improved visualization of ambient situation in the city and facilitation of data driven decision making
- Integration with existing and future ICT systems for smooth operations, monitoring and management

1.3 RFP Format

The intent of this RFP is to invite bids from the Bidders for implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur for the Authority.

The Request for Proposal (RFP) consists of three volumes viz.

1. RFP Volume 1: Instruction to Bidders

Volume 1 details the instructions with respect to the bid process management, technical evaluation framework, and the technical & financial forms.

2. RFP Volume 2: Scope of work including Functional & Technical Specifications

Volume 2 of the RFP provides information regarding the Project Implementation Plan, business requirements/applications to be covered and corresponding process related documentation, scope of work for the selected bidder and functional requirements.

3. RFP Volume 3: Master Service Agreement

Volume 3 contains the contractual, legal terms & conditions applicable for the proposed engagement.

1.4. Fact sheet

Sl #	Item	Description
1.	Method of Selection	The method of selection is QCBS – Quality cum Cost based Selection. The Contract will be awarded to the bidder with highest Total Score.
2.	Availability of RFP Documents	www.smartcityraipur.org www.eproc.cgstate.gov.in
3.	Date of RFP Issuance	21-04-2017
4.	Tender document fee (Non-refundable and Not – exempted)	Indian Rupees 25,000 (Indian Rupees Twenty Five Thousand only), in form of demand Draft or Banker’s cheque
5.	Bid Security/Earnest Money Deposit (EMD)	Indian Rupees 3,00,00,000 (Indian Rupees Three Crores only) by Bank Guarantee (as per format attached in Annexure 5(B))
6.	Last date and time for Submission of Pre-Bid Queries	Bidders shall have to post queries by email to ceo.rscl@gmail.com on or before 28-04-2017 To be submitted via e-mail only.
7.	Pre-Bid Conference time, date, & venue	Pre-Bid conference will held on 01-05-2017 at 12:00 noon, Venue for Pre-Bid conference: Raipur Smart City Limited (RSCL) Near Indoor Stadium, Opposite Budhatalab, Raipur-492001, Chhattisgarh.
8.	Posting of responses to queries (on website)	www.smartcityraipur.org www.eproc.cgstate.gov.in
9.	Last Date and time for Bid submission (On or before)	Bid submission will be online and must be through e-Procurement website of CG www.eproc.cgstate.gov.in on or before 15-05-2017 by 3:00 PM, Note : For Financial format 8.1. Total Price Summary has to be entered Online

Sl #	Item	Description
		8.2 Price component for CAPEX has to be uploaded with financial bid online 8.3 Price component for OPEX has to be uploaded with financial bid online
10.	Date, time for opening of Pre-Qualification Bids	15-05-2017 by 4:00 PM. Address: Raipur Smart City Limited, Opposite to Buddha Talab, Budhapara, Raipur -492001, Chhattisgarh
11.	Bid validity	Bid must remain valid up to 180 (One Hundred & Eighty) days from the actual date of submission of the Bid.
12.	Currency	Currency in which the Bidders may quote the price and will receive payment is Indian Rupees only.
13.	Name and Address for Correspondence	Raipur Smart City Limited (RSCL) Near Indoor Stadium, Opposite Budhatalab, Raipur-492001, Chhattisgarh.

1.5 Definitions/Acronyms

Terms	Meaning
RSCL	Raipur Smart City Limited (RSCL)
RFP	Request for Proposal
CHiPS	Chhattisgarh Infotech & Biotech Promotion Society
LOA	Letter of Award
MoU	Memorandum of Understanding
EMD	Earnest Money Deposit
CG	Chhattisgarh
CAPEX	Capital Expenditure
OPEX	Operational Expenditure
CCTV	Closed Circuit Television
BOM	Bill of Material
GIS	Geographical Information Systems
ICT	Information and Communication Technology
OEM	Original Equipment Manufacture
MSI	Master System Integrator
ICCC	Integrated Command and Control Centre

<i>Terms</i>	<i>Meaning</i>
ITMS	Intelligent Traffic Management System
ATCS	Adaptive Traffic Control System
MMTS	Multi-Modal Transport Systems
ECB	Emergency Call Box
DC	Data Centre
IT	Information Technology
IP	Internet Protocol
AMC	Annual Maintenance Contract
OFC	Optical Fiber Cable
PA	Public Address
ANPR	Automatic Number Plate Recognition
RLVD	Red Light Violation Detection
SVD	Speed Violation Detection
MRCOS	More Raipur City Operations System
PTZ	Pan Tilt Zoom
UPS	Uninterrupted Power Supply
VMS	Variable Message Sign
GSM	Global System for Mobile Communication
WAP	Wi-Fi Access Points
NDA	Non-Disclosure Agreement
PBG	Performance Bank Guarantee
LOI	Letter of Indent
MSMEs	Micro, Small and Medium Enterprises
ONVIF	Open Network Video Interface Forum
O&M	Operations and Maintenance
DD	Demand Draft
Indian Rupees	Indian Rupee
PoC	Proof of Concept
PQ	Pre-Qualification

2. Instruction to Bidders

Bidder should study and assess the Guidelines for bidders on using integrated eProcurement System Govt. of Chhattisgarh available at <https://eproc.cgstate.gov.in>

Note: These conditions will over-rule the conditions stated in the tender document(s), wherever relevant and applicable.

1. Vendor / Bidder Registration on the e-Procurement System:

All the Users / Bidders (Manufacturers / Contractors / Suppliers / Vendors / Distributors etc.) registered with and intending to participate in the Tenders of various Govt. Departments / Agencies / Corporations / Boards / Undertakings under Govt. of Chhattisgarh processed using the Integrated e-Procurement System are required to get registered on the centralized portal <https://eproc.cgstate.gov.in> and get approval on specific class (e.g. A, B, C, D, UGE, UDE) from Public Works Department (in case to participate in tenders restricted to vendors / bidders in a particular class).

The non-registered users / bidders who are also eligible to participate in the tenders floated using the e-Procurement system are also required to be registered online on the e- Procurement system.

Vendors are advised to complete their online enrolment / registration process on the portal well in advance to avoid last minute hassle, it is suggested to complete enrolment at least four days before the last date of bid submission date, failing which may result in non-submission of bids on time for which vendor/end user shall be solely responsible. Vendors are required to pay online registration / enrolment fee of Rs. 500/- one time and renewal fee of Rs. 100/- for subsequent each year.

or more details, please get in touch with e-Procurement system integrator, M/s. Mjunction Services Limited, Raipur 492 001 on Toll free 1800 258 2502 or email helpdesk.eproc@cgswan.gov.in.

2. Digital Certificates:

The bids submitted online must be signed digitally with a valid Class II / Class III Digital Signature Certificate to establish the identity of the bidders submitting the bids online. The bidders may obtain pair of Encryption & Signing Class II / Class III Digital Certificate issued by an approved Certifying Authority (CA) authorized by the Controller of Certifying Authorities (CCA), Government of India.

Note: It may take upto 7 to 10 working days for issuance of Class-II / Class-III Digital Certificate, Therefore the bidders are advised to obtain it at the earliest. It is compulsory to possess a valid Class-II / Class-III Digital Certificate while registering online on the above mentioned e-Procurement portal. A Digital Certificate once mapped to an account / registration cannot be remapped with any other account / registration however it may be inactivated / deactivated.

Important Note: bid under preparation / creation for a particular tender may only be submitted using the same digital certificate that is used for encryption to encrypt the bid data during the bid preparation / creation / responding stage. However bidder may prepare / create and submit a fresh bid using his/her another / reissued / renewed Digital Certificate only within the stipulated date and time as specified in the tender.

In case, during the process of a particular bid preparation / responding for a tender, the bidder loses his/her Digital Certificate because of any reason they may not be able to submit the same bid under preparation online, Hence the bidders are advised to keep their

Digital Certificates secure to be used whenever required and comply with IT Act 2000 & its amendments and CVC guidelines.

The digital certificate issued to the authorized user of an individual / partnership firm / private limited company / public limited company / joint venture and used for online bidding will be considered as equivalent to a no-objection certificate / power of attorney to the user.

Unless the certificate is revoked, it will be assumed to represent adequate authority of the specific individual to bid on behalf of the organization / firm for online tenders as per Information Technology Act 2000. This authorized user will be required to obtain a valid Class-II / Class-III Digital Certificate. The Digital Signature executed through the use of Digital Certificate of this authorized user will be binding on the organization / firm. It shall be the responsibility of management / partners of the concerned organization / firm to inform the Certifying Authority, if the authorized user changes, and apply for a fresh digital certificate for the new authorized user.

3. Online Payment: As the bid is to be submitted only online, bidders are required to make online payment(s) of the Registration fee / Transaction or Service fees / EMD using the online payments gateway services integrated into the e-Procurement system using various payment modes like Credit Card / Debit Card / Internet Banking / Cash Card / NEFT / RTGS etc.

For the list of available online modes of electronic payments that are presently accepted on the online payments gateway services, please refer the link on the eProcurement portal <https://eproc.cgstate.gov.in>.

4. Set : In order to operate on the e-Procurement system for a bidder / user, the computer system / desktop / laptop of the bidder is required to have Java ver. 765 , Internet explorer 9 / 11, latest Mozilla firefox with IE Tab V2 (Enhanced IE Tab) or any other latest browser. A detailed step by step document on the same is available on the home page. Also internet connectivity should be minimum one MBPS.

5. Publishing of N.I.T.: For the tenders processed using the e-Procurement system, only a brief advertisement notice related to the tender shall be published in the newspapers and the detailed notice shall be published only on the e-Procurement system. Bidders can view the detailed notice, tender document and the activity time schedule for all the tenders processed using the e-Procurement system on the portal <https://eproc.cgstate.gov.in>.

The bidders are strictly advised to follow the tender time for their side for tasks / activities and responsibilities to participate in the tender, as all the activities / tasks of each tender are locked before the start time & date and after the end time & date for the relevant activity of the tender as set by the concerned department official.

7. Download Tender Document(s): The tender document and supporting document(s) if any can be downloaded only online. The tender document(s) will be available for download to concerned bidders after online publishing of the tender and up to the stipulated date & time as set in the tender.

8. Submit Online Bids: bidders have to submit their bid online after successful filling of forms within the specified date and time as set in the tender. (Please refer section - "Submission of Proposals" for more details).

The encrypted bid data of only those bidders who have submitted their bids within the stipulated date & time will be accepted by the e-Procurement system. It is expected that the bidder complete his bid and submit within timeline, a bidder who has not submitted his bid within the stipulated date & time will not be available during opening.

Bid documents uploading during bid preparation should be less than five MB (for individual document) and over all bid documents should be less than fifty MB.

9. Submission of Earnest Money Deposit: The bidders shall submit their Earnest Money Deposit Either as in usual physically sealed Earnest Money Deposit envelope and the same should reach the concerned office OR Online using payment gateway as stated in the Notice Inviting Tender/ Tender

document. Bidders also have to upload scanned copy of Earnest Money Deposit instrument along with the reference details online.

10. Opening of Tenders: The concerned department official receiving the tenders or his duly authorized officer shall first open the online Earnest Money Deposit envelope of all the bidders and verify the same uploaded by the bidders. He / She shall check for the validity of Earnest Money Deposit as required. He / She shall also verify the scanned documents uploaded by the bidders, if any, as required. In case, the requirements are incomplete, the next i.e. technical and commercial envelopes of the concerned bidders received online shall not be opened.

The concerned official shall then open the other subsequent envelopes submitted online by the bidders in the presence of the bidders or their authorized representatives who choose to be present in the bid opening process or may view opened details online.

11. Briefcase: Bidders are privileged to have an online briefcase to keep their documents online and the same can be attached to multiple tenders while responding, this will facilitate bidders to upload their documents once in the briefcase and attach the same document to multiple bids submitting.

For any further queries / assistance, bidders may contact:

1. The Service Integrator of e-Procurement system, M/s. Mjunction Service Ltd. on Help Desk Toll free No. 1800 258 2502 or email helpdesk.eproc@cgswan.gov.in.
2. Mr. Shailesh Kumar Soni, Sr. Manager, Chhattisgarh Infotech & Biotech Promotion Society (CHiPS) on Tel. No. 0771 - 4014158 or email: pro-chips@nic.in.

12. Key Dates: The suppliers are strictly advised to follow the tender schedule (Key Dates) for their side of tasks and responsibilities to submit their bids, as the system is time and date locked.

General

- a. While every effort has been made to provide comprehensive and accurate background information, requirements and envisaged solution(s) specifications, Bidders must form their own conclusions about the solution(s) needed to meet the Authority's requirements. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to this RFP.
- b. All information supplied by Bidders as part of their bids in response to this RFP, may be treated as contractually binding on the Bidders, on successful award of the assignment by the Authority on the basis of this RFP.
- c. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of Authority. Any notification of preferred bidder status by Authority shall not give rise to any enforceable rights by the Bidder. Authority may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of Authority.

2.1 Eligible Bidders

Sole/Lead Bidder	<ul style="list-style-type: none"> • Should be a Indian or international firm • Should be registered under the Companies Act 1956 in India or any equivalent foreign act • Should be in operation in India or abroad for a period of at least 7 years as on publication of bid • For an International Bidder, Bidder will have to register as company under companies Act, 1956/2013 within 6 months of
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	Issuing LOA
Consortium #	<ul style="list-style-type: none"> • Max 3 companies are allowed in a consortium including Lead Bidder • Consortium member should be a Indian or international firm • Consortium member other than lead bidder should be registered in India under Companies Act 1956/2013 or any equivalent foreign act • For an International Bidder, Bidder will have to register company under companies Act, 1956/2013 within 6 months of Issuing LOA • The Lead bidder shall be jointly and severally responsible for complete scope, whereas consortium partners shall be severally responsible only for its respective scope.
<p># In case of consortium, the list of participants need to be declared Consortium members cannot be changed during the project period. If any of bidders/members of one consortium becomes members of the other consortium, both the consortiums will be disqualified.</p>	

The Lead Bidder shall be authorized by the consortium members for

- i. The management of all Consortium members
- ii. To incur liabilities and receive instructions for and on behalf of any and all consortium members.
- iii. Entire execution of the Contract, receipt of payments etc. on behalf of consortium
- iv. Ensuring that all the bid compliance are met by the consortium members (mentioned in the bid, failing which bid can be disqualified).

2.2 Consortium Conditions

1. The number of consortium members cannot exceed three, including the Lead Bidder.
2. A Bidder applying individually or as consortium member shall not be entitled to submit another application either individually or as a member of any other consortium, as the case may be.
3. Consortium members must provide a Memorandum of Understanding (MoU) covering above points and showing their intention to enter into such an Agreement at the time of bidding along with Pre-Qualification Bid.
4. A Bidding Consortium is required to nominate a Lead Bidder. The formation of the consortium including identification of Lead Bidder and role and responsibilities of each member shall be supported by Memorandum of Agreement and Power of Attorney signed by all the members on a stamp paper of INR 100/-.
5. The successful bidder (MSI) shall require to enter into agreement with all member of Consortium Members specifying following points in the Agreement. These points shall also be captured in MoU
 - i. Identity Lead Bidder and Power of Attorney in favor of Lead Bidder.

- ii. Roles and responsibilities of each consortium partner, the identification of the lead partner, and providing for joint and several liability for each partner.
- iii. All consortium members would be available throughout the Contract Period.
- iv. The Lead bidder shall be jointly and severally responsible for complete scope, whereas consortium partners shall be severally responsible only for its respective scope.
- v. The role and responsibility of any member must be commensurate with the technical/financial capabilities that such member is contributing towards meeting the qualification criteria. Each consortium member is liable to contribute resources in terms of knowledge, skills and trained manpower commensurate with its role and responsibilities during the Contract Period.
- vi. The Consortium Agreement must also state that the period of the Agreement would coincide with the Contract period. Consortium must continue to be in existence during the period of the contract and that any change will be subject to approval of the Authority (RSCL) only.
- vii. The final contract between the consortium members (The Consortium Contract) would be available for legal vetting and open to suggestions by the RSCL. RSCL will suggest binding corrections if it finds that such contract does not meet its requirements and interests as per the Tender in letter and spirit.
- viii. The Agreement should be on stamp paper and notarized. The signatories must be duly authorized.
- ix. Any modification in roles and responsibilities between consortium members during Contract Period shall be allowed only after approval from RSCL. Any changes and deviation of roles and responsibilities of consortium members during the execution, operation and maintenance of this Project without prior approval of Authority shall be viewed seriously by the RSCL as it can affect an important public service. Such unilateral action by the MSI shall entitle RSCL to take appropriate action including considering it an Event of Default under this Contract leading to consequences including termination with appropriate notice.
- x. Any Dispute arising during Contract Period between the Consortium Member shall be resolved amicably without adversely impacting Project Implementation and Operation. If in RSCL's opinion, Dispute between Consortium members adversely impacting implementation and operation of the Project then Authority may in its sole discretion in the interest of the Project (a) Terminate the Contract after due process and/or (2) Provide a binding solution.
- xi. In case RSCL Intends to proceed for Termination on account of MSI Event of Defect and /or unresolved disputes between the Consortium Members, both the Consortium Members shall be jointly and severally liable for Implementation, Operation and Maintenance of project at Agreed prices and payment terms specified in this Tender till Authority or any new agency appointed by it takes over the Project
- xii. RSCL reserves the right to reject the Bid in case of change in the constitution of the consortium after the submission of Bid and before the execution of the Agreement.

2.3 Compliant Bids/Completeness of Response

- a. Bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- b. Failure to comply with the requirements of this paragraph may render the bid non-compliant and the Bid may be rejected. Bidders must:
 - i. Include all documentation specified in this RFP, in the bid.
 - ii. Follow the format of this RFP while developing the bid and respond to each element in the order as set out in this RFP.
 - iii. Comply with all requirements as set out within this RFP.

2.4 Bidder to Inform

The Bidder shall be deemed to have carefully examined the Terms & Conditions, Scope, Service Levels, Specifications, and Schedules of this RFP. If bidder has any doubts/clarifications as to the meaning of any portion of the Conditions or the specifications he shall, before the last date for Submission of Pre-Bid Queries, set forth the particulars thereof and submit them to Authority in writing in order that such doubt may be removed or clarifications are provided.

2.5 Bid Preparation costs

The Bidder shall bear all costs associated with the preparation and submission of its bid, for the purposes of clarification of the bid, if so desired by the Authority.

2.6 Pre-bid meeting & Clarification

2.6.1 Bidders Queries

Any clarification regarding the RFP document and any other item related to this project can be submitted to Authority as per the submission mode and timelines mentioned in the Fact Sheet. The pre-bid queries should be submitted in excel sheet format, along with name and details of the organisation submitting the queries.

Authority shall not be responsible for ensuring that the bidders' queries have been received by them. Any requests for clarifications post the indicated date and time shall not be entertained by Authority.

Bidders must submit their queries as per the format mentioned in Annexure 1

2.6.2 Responses to Pre-Bid Queries and Issue of Corrigendum

Authority will organize a pre-bid conference and will respond to any request for clarification or modification of the bidding documents. Authority shall formally respond to the pre-bid queries after the pre-bid conference. No further clarifications shall be entertained after the date and time of submission of queries.

Authority shall endeavor to provide timely response to all queries. However, Authority makes no representation or warranty as to the completeness or accuracy of any response made in good faith. Authority does not undertake to answer all the queries that have been posed by the bidders.

Any modifications of the RFP Documents, which may become necessary as a result of the Pre-Bid Conference, shall be made by Authority exclusively through a corrigendum. Any such corrigendum

shall be deemed to be incorporated into this RFP. However, in case of any such amendment, the bid submission date may be extended at the discretion of Authority.

Any corrigendum/notification issued by Authority, subsequent to issue of RFP, shall only be available/hosted on the website URL mentioned in the fact sheet. Any such corrigendum shall be deemed to be incorporated into this RFP.

2.7 RFP Document Fee

RFP can be downloaded from the website URL mentioned in the fact sheet.

The bidder should pay non-refundable Bid Fee of Rs. 25,000/- (Rupees Twenty Five Thousand only), in form of demand Draft or Banker's cheque. In name of Managing Director, payable at Raipur

Without the payment of tender fee the bids will be taken as incomplete and non-responsive and shall not be considered.

2.8 Earnest Money Deposit (EMD)

The bidder should also pay EMD of Rs. 3,00,00,000/- (Rupees Three Crores only) whereby in the form of Demand Draft or the form of Bank guarantee of any nationalized / scheduled banks with validity of 180 days beyond the original validity period for the bid. No exemption for submitting the EMD will be given to any agency. Bid security in any other form will not be entertained.

For Unsuccessful bidders: The bid security of all unsuccessful bidders would be refunded without interest by Authority on finalization of the bid in all respects by the successful bidder.

For Successful bidders: The bid security, for the amount mentioned above, of successful bidder would be returned without interest upon submission of Performance Bank Guarantee by the successful bidder.

In case bid is submitted without the bid security then Authority reserves the right to reject the bid without providing opportunity for any further correspondence to the bidder concerned.

The EMD may be forfeited in any of the following circumstances:

- a. If a Bidder withdraws their bid or increases their quoted prices during the period of bid validity or its extended period, if any; or
- b. In the case of a successful bidder, if the Bidder fails to sign the Contract or to furnish Performance Bank Guarantee within specified time
- c. During the bid process, if a Bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.
- d. During the bid process, if any information found wrong / manipulated / hidden in the bid.

2.9 Bid Validity Period

Bid shall remain valid for the time period mentioned in the Fact Sheet.

On completion of the validity period, unless the Bidder withdraws his bid in writing, it will be deemed to be valid until such time that the Bidder formally (in writing) withdraws his bid.

2.10 Submission of Bid

Submission of the Tender is online and must be through e-Procurement site www.eproc.cgstate.gov.in website of CG.

The Tender Inviting Authority will not be held responsible for any sort of delay or the difficulties faced during the submission of the Tenderer.

The Earnest Money Deposit & Tender document submitted to the Tender Inviting Authority on before 08.05.2017 at 3.00 pm

2.11 Bid Formats

2.11.1 Pre-Qualification Bid Format

Section #	Section Heading	Details
1.	Pre-qualification checklist	As per format provided in Annexure 2 section 6.1
2.	Pre-Qualification Bid Covering Letter	As per format provided in Annexure 2 section 6.2
3.	About Bidder	As per format provided in Annexure 2 section 6.3 of this document.
4.	Bidder/Consortium Registration	<ul style="list-style-type: none"> • For Sole/Lead Bidder, Certificate of Incorporation / Registration under companies Act 1956 or any equivalent foreign act • For Sole/Lead Bidder, Documentary proof for operations in India or abroad for a period of at least 7 years • For other Consortium Partners, Certificate of Incorporation / Registration under companies Act, 1956/2013 or any equivalent foreign act • Consortium agreement clearly stating the roles and responsibilities of each member • In case of International firm, undertaking for registration of firm in India under companies Act, 1956/2013 within 6 months of Issuing LOA <p><i>As per Pre-qualification criteria – Sl # 1</i></p>
5.	Annual Turnover	<p>Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years</p> <p><i>As per Pre-qualification criteria – Sl # 2</i></p>
6.	Net worth	<p>Certificate from the Statutory auditor/ CA clearly specifying the net worth of the firm</p> <p><i>As per Pre-qualification criteria – Sl # 3</i></p>
7.	Project Experience	<p>Copy of Work Orders along with the copy of the contract agreement and partial/ final financial completion certificate from client.</p> <p>Undertaking from the Parent company to support its wholly owned subsidiary</p>

Section #	Section Heading	Details
		<i>As per Pre-qualification criteria – Sl # 4, 5, and 6</i>
8.	Undertaking for non- blacklisting clause	Undertaking by the authorized signatory as per format <i>As per Pre-qualification criteria – Sl # 7</i>
9.	Bidder Certifications for establishment of Project Office in Raipur	Undertaking to open Office in Raipur Or Property Tax / Electricity / Telephone Bill / VAT/ CST Registration /Lease agreement. Copies of valid certificates in the name of the sole bidder or the Lead bidder in case of a Consortium <i>As per Pre-qualification criteria – Sl # 8</i>
10.	Power of Attorney	Documentary evidence as per format provided in Annexure 7
11.	Agreement and Guarantee for using Parent/Sister Concern/Subsidiary Company credentials (as the case may be)	Documentary evidence as per format provided in Annexure 8 and 9
12.	No Deviation Certificate	As per format provided in Annexure 2 Section 6.5
13.	Total responsibility certificate	As per format in Annexure 2 Section 6.6
14.	Self-certificate for Project execution experience (In Bidding Entity's Letter Head)	As per format in Annexure 2 Section 6.7

2.11.2 Technical Bid Format

Section #	Section Heading	Details
1.	Technical Bid Checklist	As per format provided in Annexure 3 section 7.1
2.	Technical Bid Covering Letter	As per format provided in Annexure 3 Section 7.2
3.	About Bidder	<ul style="list-style-type: none"> · Details about bidder (whether sole bidder or Consortium) · Bidder's General Information as required in Technical Criteria 3.6 & 3.6.1
4.	Approach & Methodology	Details as required in Technical Criteria 3.6& 3.6.1
5.	Solution proposed	Details as required in Technical Criteria 3.6& 3.6.1 Please refer to section 7.5.1, 7.8 and 7.9.
6.	Project/credential summary	As per format provided in Section 7.3
7.	Bidder's Experience	Project citation as per format provided in section 7.4 and supporting documentary evidences and Self-certifications as per format in section 6.7 as

		Applicable
8.	Project Plan and Resources	<ul style="list-style-type: none"> · Project plan as per format provided in Section 7.5.2 · Manpower Plan as per format provided in section 7.5.3 I & II · Summary of resources as per format provided in Section 7.6.1 · CV of resources as per format provided in Section 7.7
9.	Manufacturers'/Producers' Authorization Form	As per format provided in section 7.10
10.	Anti-Collusion Certificate	As per format provided in section 7.11
11.	Non-disclosure agreement	As per format provided in Annexure 6 section 11

2.11.3 Commercial Bid Format

The Bidder must submit the Commercial Bid in the formats specified in Annexure 4.

Section #	Section Heading	Details
1.	Total Price Summary	As per format provided in Section 8.1
2.	Price component for CAPEX	As per format provided in Section 8.2
3.	Price component for OPEX	As per format provided in Section 8.3

Note : For Financial format

- 8.1. Total Price Summary has to be entered Online
- 8.2. Price component for CAPEX has to be uploaded with financial bid online
- 8.3. Price component for OPEX has to be uploaded with financial bid online

2.12 Language

The bid should be prepared and submitted by the bidders in English language only. If any submitted supporting documents are in any language other than English, translation of the same in English language is to be provided (duly attested) by the Bidders. For purposes of interpretation of the documents, the English translation shall govern. Such translated documents shall be notarized and in case of any incorrectness of the translation, the bidder will be penalized.

2.13 Authentication of Bids

An authorized representative (or representatives) of the Bidder shall initial all pages of the Pre-Qualification, Technical and Commercial Bids.

Bid should be accompanied by an authorization in the name of the signatory (or signatories) of the Bid. The authorization shall be in the form of a written power of attorney accompanying the Bid or in any other form demonstrating that the representative has been duly authorized to sign.

2.14 Amendment of Request for Proposal

At any time prior to the due date for submission of bid, Authority may, for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder(s), modify the RFP document by amendments. Such amendments shall be uploaded on the www.smartcityraipur.org, through corrigendum and shall form an integral part of RFP document. The relevant clauses of the RFP document shall be treated as amended accordingly.

It shall be the responsibility of the prospective bidder(s) to check the Authority's website from time to time for any amendment in the RFP document. In case of failure to get the amendments, if any, Authority shall not be responsible.

In order to allow prospective bidders a reasonable time to take the amendment into account in preparing their bids, Authority, at its discretion, may extend the deadline for submission of bids. Such extensions shall be uploaded on website of the Authority.

2.15 Bid Price

Commercial Bid shall be as per the format provided in Annexure 4. Bidders shall give the required details of all applicable taxes, duties, other levies and charges etc. in respect of direct transaction between Authority and the Bidder.

Bidders shall quote for the entire scope of contract on a "overall responsibility" basis such that the total bid price covers Bidder's all obligations mentioned in or to be reasonably inferred from the bidding documents in respect of providing the product/services.

Prices quoted by the Bidder shall remain firm during the entire contract period and not subject to variation on any account. A bid submitted with an adjustable price quotation shall be treated as non-responsive and rejected.

2.16 Deviations and Exclusions

Bids shall be submitted strictly in accordance with the requirements and terms & conditions of the RFP. The Bidder shall submit a No Deviation Certificate as per the format mentioned in Annexure 2 Section 6.5. The bids with deviation(s) are liable for rejection.

2.17 Total Responsibility

Bidder should issue a statement undertaking total responsibility for the defect free operation of the proposed solution as per the format mentioned in Annexure 2 Section 6.6.

2.18 Late Bids

Late submission will not be entertained and will not be permitted by the authority.

The bids submitted by telex/telegram/fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.

Authority reserves the right to modify and amend any of the above-stipulated condition/criterion.

2.19 Right to Terminate the Process

Authority may terminate the RFP process at any time and without assigning any reason. Authority makes no commitments, express or implied, that this process will result in a business transaction with anyone. This RFP does not constitute an offer by Authority.

2.20 Non-Conforming bids

A bid may be construed as a non-conforming bids and ineligible for consideration:

- a. If it does not comply with the requirements of this RFP.
- b. If a bid does not follow the format requested in this RFP or does not appear to address the particular requirements of the solution.

2.21 Acceptance/Rejection of Bids

- a. Authority reserves the right to reject in full or part, any or all bids without assigning any reason thereof. Authority reserves the right to assess the Bidder's capabilities and capacity. The decision of Authority shall be final and binding.
- b. Bid should be free of over writing. All correction or addition must be clearly written both in words and figures.

In the event of any assumptions, presumptions, key points of discussion, recommendation or any points of similar nature submitted along with the Bid, Authority reserves the right to reject the Bid and forfeit the EMD.

If there is any discrepancy in the commercial bid, it will be dealt as per the following:

- a. If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly.
- b. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- c. If there is a discrepancy between words and figures, the amount in words shall prevail.
- d. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of Authority, the bid is liable to be disqualified.

2.22 Confidentiality

All the material/information shared with the Bidder during the course of this procurement process as well as the subsequent resulting engagement following this process with the successful bidder, shall be treated as confidential and should not be disclosed in any manner to any unauthorized person under any circumstances. The employees of the successful Lead bidder and Consortium members who are proposed to be deployed on the project need to furnish a Non-Disclosure Agreement (NDA) as per RFP Volume III.

2.23 Disqualification

The bid is liable to be disqualified in the following cases or in case bidder fails to meet the bidding requirements as indicated in this RFP:

- a. During validity of the bid, or its extended period, if any, the bidder changes its quoted prices.
- b. The bidder's bid is conditional and has deviations from the terms and conditions of RFP.
- c. Bid is received in incomplete form.
- d. Bid is not accompanied by all the requisite documents.
- e. Information submitted in technical bid is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the contract (no matter at what stage) or during the tenure of the contract including the extension period if any.
- f. Financial bid is enclosed with the same document as technical bid.
- g. Bidder tries to influence the bid evaluation process by unlawful/corrupt/fraudulent means at any point of time during the bid process.
- h. In case any one party submits multiple bids or if common interests are found in two or more bidders, the bidders are likely to be disqualified, unless additional bids/bidders are withdrawn upon notice immediately
- i. If any of the Lead Bidder is also partner in any other bid, then all the affected bids shall be disqualified.
- j. Bids without EMD will be disqualified

2.24 Key Personnel

Authority has identified certain key positions and minimum qualifications for each of the positions that should be part of project team of the bidder (hereby referred to as "key personnel"). Details of these key positions are provided in Section 3.6.2

2.24.1 Initial Composition; Full Time Obligation; Continuity of Personnel

Bidder shall ensure that each member of the Key Personnel devotes substantial working time as per the staffing schedule/ manpower plan to perform the services to which that person has been assigned as per the bid.

Bidder shall not make any changes to the composition of the Key Personnel and not require or request any member of the Key Personnel to cease or reduce his or her involvement in the provision of the Services during the defined term of the engagement unless that person resigns, is terminated for cause, is long-term disabled, is on permitted mandatory leave under Applicable Law or retires.

In any such case, the Authority's prior written consent would be mandatory.

2.24.2 Evaluations

Bidder shall carry out an evaluation of the performance of each member of the Key Personnel in connection with the Services at least once in each Contract Year. Bidder shall provide reasonable written notice to Authority of the date of each evaluation of each member of the Key Personnel. Authority shall be entitled to provide inputs to the bidder for each such evaluation. Bidder shall promptly provide the results of each evaluation to Authority, subject to Applicable Law.

2.24.3 Replacement

In case any proposed resource resigns, then the Bidder has to inform Authority within one week of such resignation.

Bidder shall promptly initiate a search for a replacement to ensure that the role of any member of the Key Personnel is not vacant at any point in time during the contract period, subject to reasonable extensions requested by Bidder to Authority.

Before assigning any replacement member of the Key Personnel to the provision of the Services, Bidder shall provide Authority with:

- a. A resume, curriculum vitae and any other information about the candidate that is reasonably requested by Authority; and
- b. An opportunity to interview the candidate.

The bidder has to provide replacement resource of equal or better qualification and experience as per the requirements of this RFP.

If Authority objects to the appointment, Bidder shall not assign the individual to that position and shall seek an alternative candidate in accordance with the resource requirements of this RFP.

The bidder needs to ensure at least 4 weeks of overlap period in such replacements. Authority will not be responsible for any knowledge transition to the replacement resource and any impact/escalation of cost incurred by the bidder due to resource replacement.

2.24.3 High Attrition

If in the first 6 month period from the Contract Effective Date and in any rolling 12 months period during the Term of contract, 15 percent or more of the members of the Key Personnel cease or reduce their involvement in the Services for any reason other than with Authority's prior written consent, Bidder shall:

- a. provide Authority with a reasonably detailed explanation as to the reasons for such change, including, where applicable and permitted, notes from any exit interviews conducted by Bidder with any departing member of the Key Personnel; and
- b. if such change to Key Personnel has or is likely to have any material adverse impact on the provision of the Services or any substantial part thereof, undertake, at its own costs, such remediation acts as are reasonably necessary in order to improve the retention of the Key Personnel including making reasonable changes to the human resources policies and procedures applicable to the Key Personnel (including those related to compensation, benefits and other conditions so that they are competitive with the market) as may be necessary to ensure that such policies and procedures comply with Good Industry Practice.

2.25 Fraud and Corrupt Practices

- a. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, Authority shall reject a Bid without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the “Prohibited Practices”) in the Selection Process. In such an event, Authority shall, without prejudice to its any other rights or remedies, forfeit and appropriate the EMD or PBG, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to Authority for, inter alia, time, cost and effort of Authority, in regard to the RFP, including consideration and evaluation of such Bidder’s Bid.
- b. Without prejudice to the rights of Authority under Clause above and the rights and remedies which Authority may have under the LOI or the Agreement, if a Bidder is found by Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by Authority during a period of 3 years from the date such Bidder is found by Authority to have directly or through an agent, engaged or indulged in any Prohibited Practices.
- c. For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:
 - i. “corrupt practice” means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of Authority who is or has been associated in any manner, directly or indirectly with the Selection Process or the LOI or has dealt with matters concerning the Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of Authority, shall be deemed to constitute influencing the actions of a person connected with the Selection Process); or (ii) save as provided herein, engaging in any manner whatsoever, whether during the Selection Process or after the issue of the LOA or after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the Award or the Agreement, who at any time has been or is a legal, financial or technical consultant/adviser of Authority in relation to any matter concerning the Project;
 - ii. “fraudulent practice” means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;
 - iii. “coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person’s participation or action in the Selection Process;
 - iv. “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and

- v. “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

2.26 Conflict of Interest

- a. A bidder shall not have a conflict of interest that may affect the Selection Process or the Solution delivery (the “Conflict of Interest”). Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, Authority shall forfeit and appropriate the EMD, if available, as mutually agreed genuine pre-estimated compensation and damages payable to Authority for, inter alia, the time, cost and effort of Authority including consideration of such Bidder’s Bid, without prejudice to any other right or remedy that may be available to Authority hereunder or otherwise.
- b. Authority requires that the bidder provides solutions which at all times hold Authority’s interests paramount, avoid conflicts with other assignments or its own interests, and act without any consideration for future work. The bidder shall not accept or engage in any assignment that would be in conflict with its prior or current obligations to other clients, or that may place it in a position of not being able to carry out the assignment in the best interests of Authority.

2.27 Sub-Contracting

The bidder would not be allowed to sub-contract work, except for the following:

- Cabling and fixtures work, and all civil work during implementation.
- Facility Management Staff at Command & Communications Center.

Sub-contracting shall be allowed only with prior written approval of Authority. However, even if the work is sub-contracted, the sole responsibility of the work shall lie with the lead bidder. The lead bidder shall be held responsible for any delay/error/non-compliance etc. of its sub-contracted vendor. The details of the sub-contracting agreements (if any) between both the parties would be required to be submitted to Authority.

2.28 Inclusion of MSMEs in Project Delivery

Bidders are encouraged to include Micro, Small and Medium Enterprises (MSMEs) in the delivery of the project. Bidders should earmark a minimum of 20 % of the total contract for procuring goods and services from MSEs. Activities that can be sub-contracted to MSME/MSE partners are restricted to those defined under Sub-Contracting Clause 2.27 above.

2.29 Eligible Goods and Services, and OEM Criteria:

- a. For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, transportation, supply, installation, integration, testing, commissioning, training, and initial maintenance.
- b. OEM selection criteria is as follows.

Surveillance/CCTV Components	
CCTV Cameras *	<ul style="list-style-type: none"> Minimum installation base of 50,000 IP based cameras across globe as on 31/03/2016 and Should have been operational for at least 2 City/outdoor CCTV Surveillance projects (globally) of minimum 1000 IP based city/outdoor cameras each in last 3 years OR From any of Top 10 OEM from Latest IHS World Report for Network Security Cameras, Report for Security Cameras & Report for Intelligent Cameras
Video Management System Software	<ul style="list-style-type: none"> Minimum installation base of 50 projects across globe as on 31/03/2016 and Should have been operational for at least 2 City/outdoor CCTV Surveillance projects (globally, covering open public places) of minimum 1000 city/outdoor cameras each in last 3 years OR From any of Top 10 OEM from Latest IHS World Report for Video Management Software
ANPR Cameras and ANPR Solution	<p>ANPR Camera</p> <ul style="list-style-type: none"> Minimum installation base of 5,000 cameras across globe as on 31/03/2016 and Should have been operational for at least 2 City/outdoor CCTV Surveillance projects (globally) for supporting minimum 100 ANPR solutions in each in last 3 years <p>ANPR Solution</p> <ul style="list-style-type: none"> Should have been operational for min. 50 ANPR cameras in City/outdoor CCTV Surveillance projects across globe in last 3 years. Out of these projects at least one project should have min. 25 ANPR camera running on the offered ANPR solution.
RLVD Solution	<ul style="list-style-type: none"> Minimum installation base of 10 projects across globe as on 31/03/2016 covering minimum 50 lanes (cumulative for 10 projects) in last 3 years
Speed Detection Solution	<ul style="list-style-type: none"> Minimum installation base of 10 projects across globe as on 31/03/2016 covering minimum 50 lanes (cumulative for 10 projects) in last 3 years
ONVIF Compliance	<ul style="list-style-type: none"> All CCTV Cameras, Video Management System, Video Analytics Solution/Software and any video/image processing solution within overall project offering should be ONVIF Core Specification '2.X' or 'S' compliant and provide support for ONVIF profiles such as Streaming, Storage, Recording, Playback etc.
IT Infrastructure Components	
Edge Level (Field) Switches	<ul style="list-style-type: none"> Minimum installation base of 5,000 switches across globe as on 31/03/2016 and Should have been operational for at least 2 City/outdoor CCTV Surveillance projects (globally) for supporting minimum 1000 city/outdoor network devices (such as camera, controller etc.) each in last 3 years
Other Switches and Routers	<ul style="list-style-type: none"> OEMs who are amongst the top 5 for World-wide Market share in terms of Revenue as per- IDC / Similar organisation's latest published quarterly report / presence in the latest Magic Quadrant by Gartner.
Servers, Racks, Desktop PC and Workstations	<ul style="list-style-type: none"> OEMs who are amongst the top 5 for world-wide market share in terms of revenue as per IDC / Similar organisation's latest published quarterly report / presence in the latest Magic Quadrant by Gartner.
Storage Solution	<ul style="list-style-type: none"> OEMs who are amongst the top 5 for world-wide market share in terms of revenue as per IDC / Similar organisation's latest published quarterly report / presence in the latest Magic Quadrant by Gartner.

NOTE: For above mentioned components registered service/support centre should be existing or established in India within 30 days of award of contract. The Bidder should submit an undertaking from the OEM to that effect.

* During the Demonstration/Proof-of-Concept (PoC) at technical evaluation stage, the Technical Committee will give special attention to verify the quality, robustness and appropriateness of the proposed camera/other equipment for field scenario/conditions. If any brand / product are found un-suitable, Bidder may get dis-qualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid.

With regards to above table, OEMs will certify the installation base and the project experience. This certificate shall be issued through the Global Headquarters and attested by the Indian office. Authority shall verify the claim of OEMs by using publicly available reports like IDC, IHS etc, in case there is any doubt of gross negligence. Decision of Tendering Authority shall be final and binding upon the Bidder and OEM.

Adequate supporting documents pertaining to the above points, along with a summary compliance table, should be submitted in the technical proposal by the Bidder.

2.30 Right to vary quantity

- a. At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents.
- b. If the Authority does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding document.
- c. Repeat orders for extra items or additional quantities may be placed, if it is provided in the bidding document, on the rates and conditions given in the contract if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionally increased.

2.31 Site Visit

- a. The Bidder may wish to visit and examine the site or sites and obtain for itself, at its own responsibility and risk, all information that may be necessary for preparing the bid and entering into the Contract. The costs of visiting the site or sites shall be at the Bidder's own expense.
- b. The Authority will arrange for the Bidder and any of its personnel or agents to gain access to the relevant site or sites, provided that the Bidder gives the Authority adequate notice of a proposed visit of at least fourteen (14) days. Alternatively, the Authority may organize a site visit or visits concurrently with the pre-bid meeting, as specified in the RFP. Failure of a Bidder to make a site visit will not be a cause for its disqualification.
- c. No site visits shall be arranged or scheduled after the deadline for the submission of the Bids and prior to the award of Contract.

3. Selection Process for Bidder

3.1 Opening of Bids

The Bids shall be opened by Authority in presence of those Bidders or their representatives who may be present at the time of opening.

The representatives of the bidders should be advised to carry the identity card or a letter of authority from the bidder firms to identify that they are bona fide representatives of the bidder firm, for attending the opening of bid.

There will be three bid-opening events

- a. Set 1 (RFP Document fee & Bid Security/EMD) and Set 2 (Pre-Qualification bid)**
- b. Set 3 (Technical bid)**
- c. Set 4 (Commercial bid)**

The venue, date and time for opening the Pre-qualification bid are mentioned in the Fact sheet.

The date and time for opening of Technical & Commercial bid would be communicated to the qualified bidders.

The Technical Bids of only those bidders will be opened who clears the Pre-qualification stage.

The Commercial Bids of only those bidders will be opened who score equal to or more than 70% in Technical Evaluation.

3.2 Preliminary Examination of Bids

Authority shall examine the bids to determine whether they are complete, whether the documents have been properly signed and whether the bids are generally in order. Any bids found to be nonresponsive for any reason or not meeting any criteria specified in the RFP, shall be rejected by Authority and shall not be included for further consideration.

Initial Bid scrutiny shall be held and bids will be treated as non-responsive, if bids are:

- a. Not submitted in format as specified in the RFP document
- b. Received without the Letter of Authorization (Power of Attorney)
- c. Found with suppression of details
- d. With incomplete information, subjective, conditional offers and partial offers submitted
- e. Submitted without the documents requested
- f. Non-compliant to any of the clauses mentioned in the RFP
- g. With lesser validity period

3.3 Clarification on Bids

During the bid evaluation, Authority may, at its discretion, ask the Bidder for any clarification(s) of its bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the bid shall be sought, offered, or permitted.

3.4 Evaluation Process

Authority shall constitute a Tender Evaluation Committee to evaluate the responses of the bidders. The Tender Evaluation Committee shall evaluate the responses to the RFP and all supporting documents/documentary evidence. Inability to submit requisite supporting documents/documentary evidence by bidders may lead to rejection of their bids.

The decision of the Tender Evaluation Committee in the evaluation of bids shall be final. No correspondence will be entertained outside the process of evaluation with the Committee. The Tender Evaluation Committee may ask for meetings or presentation with the Bidders to seek clarifications or conformations on their bids.

The Tender Evaluation Committee reserves the right to reject any or all bids. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP.

The steps for evaluation are as follows:

3.4.1 Stage 1: Pre-Qualification

- a. Authority shall validate the Set 1 “RFP Document fee & Bid Security/Earnest Money Deposit (EMD)”.
- b. If the contents of the Set 1 are as per requirements, Authority shall open the “Pre-Qualification Bid”. **Each of the Pre-Qualification condition mentioned in Section 3.5 is MANDATORY.** In case, the Bidder does not meet any one of the conditions, the bidder shall be disqualified.

Bidders would be informed of their qualification/disqualification based on the Pre-Qualification criteria through Email and Phone and subsequently, the Bid Security amount shall be returned to the respective disqualified Bidders after the submission of Performance Bank Guarantee by the successful Bidder.

- c. Technical bids for those bidders who don't pre-qualify will not be opened. Financial bid will not be opened for those bidders, who don't qualify the technical evaluation. Bid Security amount shall be returned for unsuccessful bidder within one month after PBG is submitted by successful bidder.

3.4.2 Stage 2: Technical Evaluation

- a. Set 3 “Technical bid” will be evaluated only for the bidders who succeed in Stage 1.
- b. Authority will review the technical bids of the short-listed bidders to determine whether the technical bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority's discretion.
- c. The bidders' technical solutions proposed in the bid document shall be evaluated as per the requirements specified in the RFP and technical evaluation framework as mentioned in Section 3.6 & 3.6.1
- d. Bidders may be asked to give demonstration of the envisaged solution to Authority as per the demo scripts that shall be shared with the Bidders who qualify the Pre-Qualification Stage.

- e. Bidders should submit detailed – “**Approach & Methodology & Solutions proposed**”
- f. Each Technical Bid will be assigned a Technical Score out of a maximum of 100 points. Only the bidders who get **Technical Score of more than or equal to 70% in Technical Evaluation** will qualify for Commercial Evaluation stage.

3.4.3 Stage 3: Commercial Evaluation

- a. All the technically qualified bidders will be notified to participate in Commercial Bid opening process.
- b. The commercial bids for the technically qualified bidders shall then be opened on the notified date and time and reviewed to determine whether the commercial bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority’s discretion.
- c. Commercial bids that are not as per the format provided in Section 8 (Annexure 4) shall be liable for rejection.
- d. The bid price shall include all taxes and levies and shall be in Indian Rupees and mentioned separately.
- e. Total Price shall be calculated based on the format provided in Section 8 (Annexure 4). Each of the Commercial bids shall be evaluated on a score of 100 points. The Commercial Score of the bidder shall be calculated with respect the lowest Total Price by any bidder. The methodology of Commercial Score shall be as follows.
- f. Commercial Score of the bidder under consideration = (Lowest Total Price from all Commercial Bids / Total Price quoted in Commercial bid by the bidder under consideration) X 100

3.4.4 Stage 4: Total Bid Evaluation

- a. The Total Score shall be based on Quality and Cost based Evaluation (QCBS). Technical Score shall have 70 % weightage and Commercial Score shall have 30% weightage.
- b. The Total Score of the bidder = 0.7*(Technical Score) + 0.3*(Commercial Score)
- c. The bidder achieving the highest Total Score shall be invited for negotiations for awarding the contract. In case of a tie where two or more bidders achieve the same highest Total Score, the bidder with the higher Technical Score will be invited first for negotiations for awarding the contract.

3.5 Pre-Qualification Criteria

#	Eligibility Criteria	Document Proof
1	The Sole Bidder OR	<ul style="list-style-type: none"> • For Sole/Lead Bidder, copy of Certificate of Incorporation / Registration under Companies

#	Eligibility Criteria	Document Proof
	<p>Lead Bidder (in case or consortium) Should be a:</p> <ul style="list-style-type: none"> • Indian/ International firm • Registered under the Companies Act 1956 in India or any equivalent foreign act • Should be in operation in India or abroad for a period of at least 7 years as on publication of bid <p>Consortium Members</p> <ul style="list-style-type: none"> • Max 3 companies are allowed in a consortium including lead bidder • Should be a Indian/ International firm • Should be registered in India under Companies Act 1956/2013 or any equivalent foreign act <p>Note:</p> <ul style="list-style-type: none"> • For an International firm, Bidder (including consortium member) will have to register company under companies Act, 1956/2013 within 6 months of Issuing LOA • The Lead bidder shall be jointly and severally responsible for complete scope, whereas consortium partners shall be severally responsible only for its respective scope. 	<p>Act 1956 or any equivalent foreign act</p> <ul style="list-style-type: none"> • For Sole/Lead Bidder, documentary proof for operation in India or abroad for a period of at least 7 years as on publication of bid • For Consortium members other than lead bidder, copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 or any equivalent foreign act • Consortium agreement clearly stating the roles and responsibilities of each member • For an International firm, Bidder (including consortium member), an undertaking for registration of company under companies Act, 1956/2013 within 6 months of Issuing LOA
2	<p>The average annual Turnover (TO) in Indian Rupees for last 3 audited financial years (2013-14, 2014-15, 2015-16).</p> <ul style="list-style-type: none"> • For Sole Bidder – 250 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum 60% of TO ○ Other members should have minimum 20% of TO ○ All members together should have meet 250 Cr TO requirement 	<ul style="list-style-type: none"> • Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years
3	<p>The bidder (if consortium, each member of consortium) must have positive net worth and should be Profit making in each of the last three financial years as on 31st March, 2016</p>	<p>Audited and Certified Balance Sheet and Profit/Loss Account of last 3 Financial Years should be enclosed.</p> <p>CA certificate mentioning net profit</p>

#	Eligibility Criteria	Document Proof
		of the bidder should be enclosed.
4	<p>The bidder (if consortium, any member of consortium) should have demonstrable expertise and experience of setting up or O&M of City wide integrated command and control room /emergency response centre / Security and Surveillance control room/ City wide (NOC/SOC) during last three years ending 31st Mar 2016</p> <ul style="list-style-type: none"> - One such Project having minimum 15 seating capacity <p>Note: In-house projects for their own corporations executed by the bidder shall not be considered for above purpose. Note: <i>In case bidder/ prime bidder is a wholly owned subsidiary, the experience of Parent company would be considered for eligibility</i></p>	<p>Copy of Work Orders along with the copy of the contract agreement should be enclosed</p> <p>Undertaking from the Parent company to support its wholly owned subsidiary</p>
5	<p>The bidder (or Consortium) should have experience of implementing following scope in last 5 years</p> <p>Traffic Law enforcements system like Speed detection / Red Light Violation Detection / Wrong side or CCTV surveillance system. The project should have at least 200 outdoor cameras or at least 50 cameras having sensors to detect speed violation / red light violation / wrong side violation along with analytics software</p>	<p>Documentary evidence (Copy of completion / Ongoing client certificate and work order / Contract</p> <p>Note:</p> <ol style="list-style-type: none"> 1. The date of work order or contract should be at least 6 months before date of release of this RFP 2. In case project is on-going then the Project must have achieved 80% of capex completion from financial and physical perspective 3. In case the experience shown is that of the bidder's parent / subsidiary /sister concern company, than the following additional documents are required: <ol style="list-style-type: none"> i. Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary/sister concern Company ii. Shareholding pattern of the bidding entity as per audit reports

#	Eligibility Criteria	Document Proof
6	The Bidder (or consortium) should have experience of implementing at least 30 Vehicle Actuated (Semi-Actuated or Fully Actuated) Traffic Signals or controlling traffic signals with centralized software system in last 5 years.	<p>Documentary evidence (Copy of completion / Ongoing client certificate and work order / Contract</p> <p>Note:</p> <ol style="list-style-type: none"> 1. The date of work order or contract should be at least 6 months before date of release of this RFP 2. In case project is on-going then the Project must have achieved 80% from financial and physical perspective 3. In case the experience shown is that of the bidder's parent / subsidiary /sister concern company, than the following additional documents are required: <ol style="list-style-type: none"> i. Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary/sister concern Company ii. Shareholding pattern of the bidding entity as per audit reports
7	The sole bidder OR the Lead bidder and each of the member of the Consortium should not be blacklisted by any Central / State Government Department or Central/State Public Sector Units (PSUs) in India as on the bid submission date	<ul style="list-style-type: none"> • Undertaking by the authorized signatory of bidder (In case of Consortium to be provided by each member) as per format given in Annexure 2, section 6.4
8	Sole Bidder/Prime bidder should establish Project office within 45 days of issuance of LoI in Raipur City if not established earlier	<p>Undertaking to open Office in Raipur</p> <p>Or</p> <p>Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / VAT/ CST Registration /Lease agreement.</p>

Notes:

1. For International firms, the turnover and project values etc. will be converted to INR as per prevailing RBI conversion rates (on date of submission) for evaluation.
2. Any bid failing to meet all of the above eligibility criteria shall be disqualified and will not be considered for technical evaluation.
3. Bidders are allowed to submit experience in terms of technical qualification of their holding (parent) company or subsidiary company or Sister Concern only.
 - o a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
 - o a 'subsidiary company' in relation to any other company (that is to say the holding company), means a company in which the holding company— (a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its own
 - o a 'sister concern' in relation to Bidder Company, means a company whose holding company is same as bidder's holding company and holding company (a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its own
 - o In case where the bidder is dependent upon the technical experience of the subsidiary company or the parent company or the sister concern, with a view to ensure commitment and involvement of the parent/ subsidiary/sister concern company for successful execution of the contract, the participating bidder should enclose (i) an Agreement (as per format enclosed at Annexure 8 of this Volume) between the bidder and its parent / subsidiary/Sister Concern company for fulfilling the obligation and deployment during implementation phase for the component for which the experience being used and (ii) Guarantee (as per format enclosed at Annexure 9 of this Volume) from the parent/ subsidiary/sister concern company in favor of RSCL.

3.6 Technical Evaluation Framework

The following sections explain how the Bidders shall be evaluated on each of the evaluation criteria:

3.6.1 Technical Bid Evaluation Criteria

#	Criteria	Marks	Max. Marks
1.	The bidder (Including Consortium) should have demonstrable expertise and experience in executing project with minimum value of Rs. 100 crores of city wide Network Integration / Systems Integration/Data Centre (setting up or O&M) during last five years as on 31 st March 2016	2 projects of 50 crores or 1 project of 100 crores =5 marks 2 projects of 100 crores or 1 project of 200 crores =7 marks More than 3 projects of 100 crores or 1 project of more than 300 crores =10marks	10
2.	The bidder (Including Consortium) should have demonstrable expertise and experience in executing and Integration with city wide	>200 to 500 Cameras = 5 Marks >500 to 700 Cameras = 7 Marks More than 700 cameras = 10 marks	10

	Security and surveillance System/ Smart Traffic (RLVD & ANPR) project with minimum 200 cameras deployed at multiple geographical locations		
3.	The bidder (Including Consortium) should have demonstrable expertise and experience in Integration of smart features like city wide Utility SCADA System (Water/Power/Sewerage/Waste) with minimum of 2 projects with no less than 20 Crore	<p>Copies of respective work orders confirming month + year and area of activity to be attested by authorised signatory</p> <p>Signed confirmation that applicant held the responsibility of prime contractor.</p> <p>Completion certificates along with certified documents as per the requirements. (Items of PO and completion certificates must match)</p> <p>2 projects of 10 crores or 1 project of 20 crores =5 marks 2 projects of 20 crores or 1 project of 40 crores =10 marks</p>	10
4	The bidder(Including Consortium) should have demonstrable expertise and experience in Integration of smart features like Integration with GIS system/Parking/Street lighting / Environmental Sensors with minimum of 2 projects with no less than 10 Crore	<p>Copies of respective work orders confirming month + year and area of activity to be attested by authorised signatory</p> <p>Signed confirmation that applicant held the responsibility of prime contractor.</p> <p>Completion certificates along with certified documents as per the requirements. (Items of PO and completion certificates must match)</p> <p>2 projects of 5 crores or 1 project of 10 crores =2.5 marks 2 projects of 10 crores or 1 project of 20 crores =5 marks</p>	5
5	The bidder (Including Consortium) should have demonstrable expertise and experience of setting up or O&M of Min. 1 project with minimum 15 seating capacity of integrated city command and control room/emergency response center during last three years ending 31st Mar 2016	<p>>15 to 20 seating capacity= 5 marks >20 to 30 Seating Capacity= 7 marks More than 30 seating capacity= 10 marks</p>	10
6	Resource Deployment Plan & Governance structure-	As per the section 3.6.2 (Key Personnel Criteria) and 7.5.3	20
7	Understanding of Scope of Work and Detailed Approach & Methodology	Detailed Approach and Methodology including:	10

		<ol style="list-style-type: none"> 1. Understanding of the project 2. Proposed solution and network architecture 3. Strategy to ensure implementation of project within stipulated timelines 4. Approach for integration of various ICT systems with ICCC. 5. Approach towards the scalability, Interoperability and modularity features of the project considering future expansion and new applications or systems that may be envisaged or developed in future. 6. Identification of major risks and their mitigation plan 7. Approach and Measures for Information security of the complete solution from various threats including hacking attempts, internal threats, etc. 8. Key learnings from similar projects and how do you propose to incorporate them in execution of this assignment 9. Strategy to maintain all the SLAs and handling change requests 10. Compliance to OEM Selection Criteria 11. Clarity and details provided in un-priced BOQ, make and model of the proposed component/solution and referencing of the qualifying functional/technical specification on the product/solution datasheet or literature. 12. Detailed approach and methodology for project execution and Implementation Plan and resource deployment plan 	
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		Presentation- The bidder will need to exhibit functional and non-functional requirements through a presentation.	10
8	Proof of Concept	Proof of Concept: <ol style="list-style-type: none"> 1. Need to demonstrate the ICCC Control Room setup with visualization (2*2 Screen – 5 Marks) 2. Integration with Security & Surveillance (Surveillance Cameras, RLVD & ANPR – 4 Marks) 3. Integration with Smart Pole (at least 10 outdoor WAP & Environmental sensors – 3 Marks) 4. Integration with at least any 4 smart components specified in section 4.1 of Vol2. (3 Marks) 	15

Notes:

- Bidder to submit work order and end client work in-progress (minimum 80% of capex completion from financial and physical perspective) / completion certificate as a supporting documents for each Project.
- Project citations of only up to one level of sub-contracting will be considered for evaluation.

Important: Minimum absolute technical score to qualify for commercial evaluation is 70 marks out of total 100 marks. However, bidder needs to mandatorily score minimum 10 points in the “Proof of concept “clause.

Note:

- Authority (or a nominated party) reserves the right to check/validate the authenticity of the information provided in the Pre-qualification and Technical Evaluation criteria and the requisite support must be provided by the Bidder.
- Bidder not scoring minimum 10 marks under the “Proof of Concept” clause will be disqualified even if his cumulative total marks from all the criteria is above the threshold limit of 70 marks.

3.6.2 Key Personnel Criteria

MSI shall provide adequate number of personnel, each responsible for a specific role within the project. MSI shall provide clear definition of the role and responsibility of each individual personnel. MSI shall have a defined hierarchy and reporting structure for various teams that shall be part of the project. MSI has to provide the list of proposed Resources for the Project. Any changes in Resource deployment will have to be approved by the Authority.

Following table indicates the minimum qualification required for Key Positions identified for this project. However, MSI shall independently estimate the teams size required to meet the requirements of Service Levels as specified as part of this tender.

Except for Project Director, all other proposed positions shall be Onsite throughout the entire project implementation phase.

#	Criteria	Criteria Details	Marks Allotted
1.	Project Manager	Refer to Team Evaluation Matrix Below	4
2.	Solution Architect	Refer to Team Evaluation Matrix Below	3
3.	Intelligent Traffic Management Expert	Refer to Team Evaluation Matrix Below	2
4.	Security & Surveillance - Expert	Refer to Team Evaluation Matrix Below	2
5.	Software Application Expert	Refer to Team Evaluation Matrix Below	2
6.	Network & Security – Infrastructure Expert	Refer to Team Evaluation Matrix Below	2
7.	Server and Storage Expert	Refer to Team Evaluation Matrix Below	2
8.	Database Architect/DBA	Refer to Team Evaluation Matrix Below	1
9.	GIS Expert	Refer to Team Evaluation Matrix Below	1
10	IBMS Expert	Refer to Team Evaluation Matrix Below	1
Total			20

Project Manager = 4 marks

a) Educational Qualification: 1 Mark

- MCA/MBA (IT)/M. Tech = 1 Marks
- BE / B. Tech = 0.5 Marks
- Else 0

b) Work experience in the capacity of Project Director/ Program Manager in ICT/ Command and Control Centre Implementation Projects: 1 Mark

- >=15 years = 1 marks
- >=10 and <15 year = 0.5 Marks
- Else 0

C) Project/Program management Experience in Large ICT/ Command and Control Centre implementation Project of value > 100 crores: 1 Marks

- >= 3 Projects = 1 Marks
- 2 Projects = 0.5 marks
- Else 0

d) Project/Program management Experience Smart City ICT implementation Project: 1 Marks

- 2 Project = 1 Marks
- 1 Project = 0.5 Marks
- Else 0

Solution Architect = 3 Marks

a) Educational Qualification: 1 Marks

- Bachelor's Degree in Engineering/MCA /MBA (IT/ICT) (2 Years Full Time)= 1 Marks
- Else 0 Marks

b) Work experience as IT/ICT solution architect: 1 Marks

- ≥ 10 years = 1 Marks
- ≥ 8 and < 10 year = 0.5 Marks
- Else 0

c) International work experience in Implementation of Citizen Centric Service/Municipal domain ICT Projects: 1 Marks

- At least 1 Project = 0.5 mark
- 2 Project= 1 Marks
- Else 0

Intelligent Traffic Management Expert = 2 Marks

a) Educational Qualification: 0.5 Marks

- BE/B.Tech/ or Graduation / Post Graduation in Transportation = 0.5 Marks
- Else 0 Marks

b) Work experience as ITMS/ Transportation expert: 0.5 Marks

- ≥ 5 years = 0.5 Marks
- < 5 years = 0.3 Marks
- Else 0

c) International work experience in Designing & implementation of Intelligent (preferably Adaptive) Traffic Management System: 1 Marks

- At least 1 Project = 0.5 mark
- 2 Project= 1 Marks
- Else 0

Security & Surveillance Expert = 2 Marks

a) Educational Qualification: 0.5 Marks

- BE/B.Tech/ or Graduation / Post Graduation in Transportation = 0.5 Marks
- Else 0 Marks

b) Work experience as Security and Surveillance expert: 0.5 Marks

- ≥ 10 years = 0.5 Marks
- < 10 years = 0.3 Marks
- Else 0

c) International work experience in Designing & implementation of Security and Surveillance (preferably City Surveillance) System:): 1 Marks

- At least 1 Project = 0.5 mark
- 2 Project= 1 Marks
- Else 0

Software Application Expert = 2 Marks

a) Educational Qualification: 1 Marks

- Bachelor's Degree in Engineering/MCA = 1 Marks

- Else 0 Marks

b) Work experience as Expert in software Implementation Project: 0.5 Marks

- ≥ 8 years = 0.5 marks
- ≥ 6 and < 8 year = 0.3 Marks
- Else 0

c) International work experience in Implementation of Software Projects: 0.5 Marks

- At least 1 Project = 0.5 mark
- Else 0

Network & Security – Infrastructure Expert = 2 Marks

a) Educational Qualification: 1 Marks

- Bachelor's Degree in Engineering/MCA = 1 Marks
- Else 0 Marks

b) Work experience in Implementation of Network and Security Infrastructure Projects: 0.5 Marks

- ≥ 10 years = 0.5 marks
- ≥ 8 and < 10 year = 0.3 Marks
- Else 0

c) International work experience in Implementation of Network and Security Infrastructure Projects: 0.5 Marks

- At least 1 Project = 0.5 mark
- Else 0

Server and Storage Expert : 2 Marks

a) Educational Qualification: 1 Marks

- Bachelor's Degree in Engineering/ Architect = 1 Marks
- Else 0 Marks

b) Work experience in designing of Server and Storage Implementation Projects: 0.5 Marks

- ≥ 10 years = 0.5 marks
- ≥ 8 and < 10 year = 0.3 Marks
- Else 0

c) International work experience in Server and Storage Implementation Projects: 0.5 Marks

- At least 1 Project = 0.5 mark
- Else 0

IBMS expert: 1 Marks

a) Educational Qualification: 0.5 Marks

- Bachelor's Degree in Engineering/ Instrumentation and Control = 0.5 Marks
- Else 0 Marks

b) Work experience in designing of IBMS Implementation Projects: 0.5 Marks

- ≥ 10 years = 0.5 marks
- ≥ 8 and < 10 year = 0.3 Marks
- Else 0

Database Architect/DBA = 1 Marks

a) Educational Qualification: 0.5 Marks

- Bachelor’s Degree in Engineering/MCA = 0.5 Mark
- Else 0 Marks

b) Work experience as Database architect:0.5 Marks

- >=10 years = 0.5 Marks
- >=8 and <10 year =0.3 Marks
- Else 0

GIS Expert = 1 Marks

a) Educational Qualification: 0.5 Marks

- Bachelor’s Degree in Engineering/Geology/MCA = 0.5 Marks
- Else 0 Marks

b) Work experience as GIS architect:0.5 Marks

- >=10 years = 0.5 Marks
- >=8 and <10 year =0.3 Marks
- Else 0

Manpower plan for Implementation Phase to be provided as per format provided in 7.5.3 (I)

Apart from the above -mentioned resources, the Bidder shall also propose manpower to be deployed during the Operation & Maintenance phase of the Project as provided in the format 7.5.3 II

Any additional or support manpower shall be estimated and should be accounted for in the Commercial proposal by the selected bidder, so that, the project as per the scope defined and agreement are fulfilled and the project objectives are met.

3.6.3 Manpower Deployment

MSI shall deploy Manpower during implementation and O&M phases. The deployed resource shall report to RSCL Project In-charge for Smart City Project and work closely with Program Management Office of the project. Following are the minimum resources required to be deployed in the Project (Price should be quoted accordingly in commercial bid format), however MSI may deploy additional resources based on the need of the Project and to meet the defined SLAs in this RFP:

#	Type of Resource	Quantity	Minimum Deployment during Implementation phase	Minimum Deployment during Operation and Maintenance phase
1	Project Director	1	At least 25%	Onsite Support to Project team on need basis
2	Project Manager	1	Atleast 80%	100%
3	Solution Architect	1	Atleast 80%	Onsite Support to Project team on need basis
4	Intelligent Traffic Management Expert	1	Atleast 80%	100%
5	Software Application	1	Atleast 60%	100%

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

	Expert			
6	Network & Security - Infrastructure Expert	1	Atleast 60%	100%
7	Database Architect/DBA	1	Atleast 60%	100%
8	Server and Storage Expert	1	Atleast 60%	100%
9	GIS Expert	1	Atleast 80%	100%
10	IBMS Expert	1	Atleast 60%	Onsite Support to Project team on need basis

4. Award of Contract

4.1 Notification of Award

Authority will notify the successful Bidder in writing by e-mail followed by courier. To be confirmed by the Bidder in writing by email followed by courier.

The bidder achieving the highest Total Score in QCBS evaluation as per section 3.6 shall be invited for negotiations for awarding the contract. In case of a tie where two or more bidders achieve the same highest Total Score, the bidder with the higher Technical Score will be invited first for negotiations for awarding the contract.

4.2 Signing of Contract

After the notification of award, Authority will issue Purchase Order (PO)/Letter of Intent (LOI). Accordingly, a contract shall be signed between successful bidder and Authority or the agency designated by Authority. As an acceptance of the PO/LOI, the Bidder shall sign and return back a duplicate copy of the Purchase Order to Authority or the agency designated by the Authority. The bidder shall return the duplicate copy along with a Performance Bank Guarantee within 15 working days from the date of issuance of PO/LOI.

On receipt of the Performance Bank Guarantee, Authority or the agency designated by Authority shall enter into a contract with the successful bidder. The Master Service Agreement is provided in RFP Volume III.

4.3 Performance Bank Guarantee (PBG)

Within fifteen (15) working days from the date of issuance of LOI, the successful Bidder shall at his own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) to the Authority. The PBG shall be from a Nationalized Bank or a Scheduled Commercial Bank in the format prescribed in Section 9 - Annexure 5 (a), payable on demand, for the due performance and fulfilment of the contract by the bidder.

This Performance Bank Guarantee shall be for an amount equivalent to 10% of total contract value. PBG shall be invoked by Authority, in the event the Bidder:

- a. fails to meet the overall penalty condition as mentioned in RFP Volume II or any changes agreed between the parties,
- b. fails to perform the responsibilities and obligations as set out in the RFP to the complete satisfaction of Authority,
- c. Misrepresents facts/information submitted to Authority.

The performance bank guarantee shall be valid till satisfactory completion of Post Implementation Support. The performance bank guarantee may be discharged/returned by Authority upon being

satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the performance bank guarantee.

In the event of the Bidder being unable to service the contract for whatever reason(s), Authority shall have the right to invoke the PBG. Notwithstanding and without prejudice to any rights whatsoever of Authority under the contract in the matter, the proceeds of the PBG shall be payable to Authority as compensation for any loss resulting from the bidder's failure to perform/comply its obligations under the contract.

Authority shall notify the bidder in writing of the exercise of its right to receive such compensation within 40 days, indicating the contractual obligation(s) for which the bidder is in default. Authority shall also be entitled to make recoveries from the bidder's bills, performance bank guarantee, or from any other amount due to him, an equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.

In case the project is delayed beyond the project schedule as mentioned in RFP Vol 2, the performance bank guarantee shall be accordingly extended by the Bidder till completion of scope of work as mentioned in RFP Volume II.

The successful bidder shall maintain a valid and binding Performance Guarantee for a period of two months after the expiry of the Contract Period ("Validity Period").

On satisfactory performance and completion of the order in all respects and duly certified to this effect by the Project Coordinator, Contract Completion Certificate shall be issued and the PBG would be returned to the Bidder.

4.4 Warranty & Maintenance

Bidder shall provide complete operations and maintenance services for all the proposed integrated solution as outlined in this RFP after Phase wise Go-Live and for the remaining period within 5 years after implementation or phase wise Go-Live i.e. As Phase 1 will Go-Live after 9 months, the O&M period of Phase 1 will commence after Go-Live and will be for a period of 4 Years 3 Months (5 Years of project duration minus implementation period). Warranty period of the product supplied under project i.e hardware, software, IT/Non-IT etc., will be considered after Phase wise Go-Live. "Phase wise Go-live" is the date on which the proposed phase wise solution is completely operational as per the requirements provided in this RFP and all the acceptance tests are successfully concluded to the satisfaction of Authority.

During the warranty period, the bidder shall warrant that the goods supplied under the contract are new, unused, of the most recent version/models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The bidder further warrants that the goods supplied under this contract shall have no defects arising from design, materials or workmanship.

Authority or designated representatives of the bidder shall promptly notify successful bidder in writing of any claims arising under this warranty. Upon receipt of such notice, the bidder shall, within the warranty period and with all reasonable speed, repair or replace the defective systems, without costs to Authority and within time specified and acceptable to Authority.

If the successful bidder, having been notified, fails to remedy the defect(s) within the period specified in the contract, Authority may proceed to take such reasonable remedial action as may be necessary, at the successful bidder's risk and expense and without prejudice to any other rights, which Authority may have against the bidder under the contract.

During the comprehensive warranty period, the successful bidder shall provide all product(s) and documentation updates, patches/fixes, and version upgrades within 15 days of their availability and should carry out installation and make operational the same at no additional cost to Authority.

The successful bidder hereby warrants Authority that:

- i. The implemented integrated solution represents a complete, integrated solution meeting all the requirements as outlined in the RFP and further amendments if any and provides the functionality and performance, as per the terms and conditions specified in the contract.
- ii. The proposed integrated solution shall achieve parameters delineated in the technical specification/requirement.
- iii. The successful bidder shall be responsible for warranty services from licensors of products included in the systems.
- iv. The successful bidder undertakes to ensure the maintenance of the acceptance criterion/standards in respect of the systems during the warranty period.

4.5 Failure to agree with the Terms & Conditions of the RFP

Failure of the successful bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event Authority may award the contract to the next best value bidder or call for new bids.

In such a case, Authority shall invoke the PBG and/or forfeit the EMD.

5. Annexure 1 – Template for Pre-Bid Queries

Bidder shall submit all pre-bid queries in excel in the following format.

Request for Clarification			
Name and Address of the Organization submitting request			
Name and Position of Person submitting request			
Contact Details of the Organization / Authorized Representative			
Tel: Mobile: Fax: Email:			
Sr. No	RFP Document Reference (Volume, Section No., Page No.)	Content of the RFP requiring clarification	Clarification Sought
1			

6. Annexure 2 – Formats for Submission of the Pre-Qualification Bid

6.1 Pre-qualification bid checklist

#	Compliance Criteria	Document Proof	Compliance (Yes or No)	Page No. and Section No. in bid
1.	RFP Document fees	Online on www.eproc.cgstate.gov.in		NA
2.	Earnest Money Deposit	Demand Draft or the form of Bank guarantee (scan copy to be uploaded on www.eproc.cgstate.gov.in)		NA
3.	Pre-Qualification Covering letter	Covering Letter		
4.	<p>The Sole Bidder</p> <p>OR</p> <p>Lead Bidder (in case or consortium) Should be a:</p> <ul style="list-style-type: none"> Indian/ International firm Registered under the Companies Act 1956 in India or any equivalent foreign act Should be in operation in India or abroad for a period of at least 7 years as on publication of bid <p>Consortium Members</p> <ul style="list-style-type: none"> Max 3 companies are allowed in a consortium including lead bidder Should be a Indian/ International firm Should be registered in India under Companies Act 1956/2013 or any equivalent foreign act <p>Note:</p> <ul style="list-style-type: none"> For an International firm, Bidder (including consortium member) will have to register company 	<ul style="list-style-type: none"> For Sole/Lead Bidder, copy of Certificate of Incorporation / Registration under Companies Act 1956 or any equivalent foreign act For Sole/Lead Bidder, documentary proof for operation in India or abroad for a period of at least 7 years as on publication of bid For Consortium members other than lead bidder, copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 or any equivalent foreign act Consortium agreement clearly stating the roles and responsibilities of each member For an International firm, Bidder (including consortium member), an undertaking for registration of company under companies Act, 1956/2013 within 6 months of Issuing LOA 		

	<p>under companies Act, 1956/2013 within 6 months of Issuing LOA</p> <p>The Lead bidder shall be jointly and severally responsible for complete scope, whereas consortium partners shall be severally responsible only for its respective scope.</p>			
5.	<p>The average annual turnover (TO) in Indian Rupees for last 3 audited financial years (2013-14, 2014-15, 2015-16).</p> <ul style="list-style-type: none"> • For Sole Bidder – 250 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum 60% of TO ○ Other members should have minimum 20% of TO ○ All members together should have meet 250 Cr TO requirement 	<ul style="list-style-type: none"> • Certificate from the Statutory auditor / CA clearly specifying the annual turnover for the specified years 		
6.	<p>The bidder (if consortium, each member of consortium) must have positive net worth and should be Profit making in each of the last three financial years as on 31st March, 2016</p>	<ul style="list-style-type: none"> • Audited and Certified Balance Sheet and Profit/Loss Account of last 3 Financial Years should be enclosed. • CA certificate mentioning net profit of the bidder should be enclosed. 		
7.	<p>The bidder (if consortium, any member of consortium) should have demonstrable expertise and experience of setting up or O&M of City wide integrated command and control room /emergency response centre / Security and Surveillance control room/ City wide (NOC/SOC) during last three years ending 31st Mar 2016</p> <ul style="list-style-type: none"> • One such Project having minimum 15 seating capacity 	<ul style="list-style-type: none"> • Copy of Work Orders along with the copy of the contract agreement should be enclosed • Undertaking from the Parent company to support its wholly owned subsidiary 		
8.	<p>The bidder (or Consortium) should have experience of implementing following scope in last 5 years</p> <ul style="list-style-type: none"> • Traffic Law enforcements system like Speed detection / Red Light 	<ul style="list-style-type: none"> • Documentary evidence (Copy of completion / Ongoing client certificate and work order / Contract • Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary/sister 		

	Violation Detection / Wrong side or CCTV surveillance system. The project should have at least 200 outdoor cameras or at least 50 cameras having sensors to detect speed violation / red light violation / wrong side violation along with analytics software	<p>concern Company</p> <ul style="list-style-type: none"> Shareholding pattern of the bidding entity as per audit reports 		
9.	The Bidder (or consortium) should have experience of implementing at least 30 Vehicle Actuated (Semi-Actuated or Fully Actuated) Traffic Signals or controlling traffic signals with centralized software system in last 5 years.	<ul style="list-style-type: none"> Documentary evidence (Copy of completion / Ongoing client certificate and work order / Contract Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary/sister concern Company Shareholding pattern of the bidding entity as per audit reports 		
10.	The sole bidder OR the Lead bidder and each of the member of the Consortium should not be blacklisted by any Central / State Government Department or Central/State Public Sector Units (PSUs) in India as on the bid submission date	<ul style="list-style-type: none"> Undertaking by the authorized signatory of bidder (In case of Consortium to be provided by each member) as per format given in Annexure 2, section 6.4 		
11.	Sole Bidder/Prime bidder should establish Project office within 45 days of issuance of LoI in Raipur City if not established earlier	<ul style="list-style-type: none"> Undertaking to open Office in Raipur <p>Or</p> <ul style="list-style-type: none"> Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / VAT/ CST Registration /Lease agreement. 		

6.2 Pre-Qualification Bid Covering Letter

<<To be printed on lead bidder company's letterhead and signed by Authorized signatory>>

Date: dd/mm/yyyy

To

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Subject: Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Reference: Tender No :<No> Dated<DD/MM/YYYY>

Dear Sir/ Madam,

Having examined the Bid Document (and the clarification / corrigendum issued thereafter, if any), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the Bid Document for the Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City. We attach hereto our responses to pre-qualification requirements and technical & commercial proposals as required by the Bid Document. We confirm that the information contained in these responses or any part thereof, including the exhibits, and other documents and instruments delivered or to be delivered to Raipur Smart City Limited, is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead RSCL in its shortlisting process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the selection process, we are liable to be dismissed from the selection process or termination of the contract during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the Bid Document (& subsequent clarification / corrigendum, if any) document and also agree to abide by this tender response for a period of 180 days from the Bid Opening date. We hereby declare that in case the contract is awarded to us, we shall submit the contract performance guarantee bond in the form prescribed the Bid Document.

We agree that you are not bound to accept any tender response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the tender response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

Thanking you,

Yours sincerely,

(Signature of the Lead bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

6.3 Company profile

A. Brief company profile (required for Sole/Lead Bidder and all Consortium Members)

Sl. No.	Particulars	Description or details
1.	Name of Bidder	
2.	Legal status of Bidder (company, Pvt. Ltd., LLP etc.)	
3.	Main business of the Bidder	
4.	Registered office address	
5.	Incorporation/Registration date and number	
6.	Service Tax number	
7.	VAT number	
8.	PAN details	
9.	Primary Contact Person (Name, Designation, address, mobile number, fax, email)	
10.	Secondary Contact Person (Name, Designation, address, mobile number, fax, email)	
11.	EMD details	
12.	Role in Consortium (if applicable)	Brief scope of work in the consortium

B. Certificate of Incorporation/Registration (required for both bidder and Consortium members)

C. Financial Turnover

The financial turnover of the company is provided as follows:

	2013 – 14	2014 – 15	2015 – 16
Annual Turnover			

Copy of audited financial statements or declaration from the appointed statutory auditor/CA to be provided as proof of the financial turnover

Positive net worth, as on the last date of latest audited financial year. Copy of self-certified statutory auditor certificate/CA to be submitted along with the bid

6.4 Declaration of Non-Blacklisting

<<To be submitted on Rs. 100 stamp paper and duly notarized >>

Declaration for Lead Bidder:

Date: dd/mm/yyyy

To

**Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.**

Sir/Madam,

In response to the Tender Ref. No. _____ dated

_____ for "Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City", as an owner/ partner/ Director of _____, I/ We hereby declare that presently our Company/ firm _____ is having unblemished record and is not declared ineligible for corrupt and fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU.

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

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

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

Declaration for Consortium Member:

<<To be submitted on Rs. 100 stamp paper and duly notarized >>

Date: dd/mm/yyyy

To

**Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.**

Sir/Madam,

In response to the Tender Ref. No. _____ dated

_____ for "Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City", as an owner/ partner/ Director of _____, I/ We hereby declare that presently our Company/ firm _____ is having unblemished record and is not declared ineligible for corrupt and fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU.

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

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

(Signature of the Consortium Member)

Printed Name

Designation

Seal Date:

Place: Business Address:

6.5 No Deviation Certificate

(To be provided on the Company letter head)

Place

Date

To,

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Subject: Self Declaration of No Deviation in response to the Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Ref: RFP No. <<.....>> **dated** <<>>

Dear Sir,

This is to certify that our offer is exactly in line with your tender enquiry/RFP (including amendments) no. _____ dated _____. This is to expressly certify that our offer contains no deviation either Technical (including but not limited to Scope of Work, Business Requirements Specification, Functional Requirements Specification, Hardware Specification and Technical Requirements Specification) or Commercial in either direct or indirect form.

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

6.6 Total Responsibility Certificate

(To be provided on the Company letter head)

Place

Date

To,

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Subject: Self Declaration of Total Responsibility in response to the Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Ref: RFP No. <<.....>> **dated** <<>>

Dear Sir,

This is to certify that we undertake the total responsibility for the defect free operation of the proposed solutions as per the requirement of the RFP for the duration mentioned in all the volumes of the RFP.

(Authorized Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

6.7 Self-certificate for Project execution experience (In Bidding Entity's Letter Head)

This is to certify that <Name of the Bidding entity> has been awarded with < Name of the Project > as detailed under:

Name of the Project	
Client's Name, Contact no. and Complete Address	
Contract Value for the bidder (in Indian Rupees)	
Current status of the project (Completed/Ongoing)	
Activities completed by bidding entity as on bid submission date <i>(N.B Only relevant activities as sought in the Criteria to be included)</i>	
Value of Work completed for which payment has been received from the client.	
Date of Start	
Date of Completion	

(Authorized Signatory)

Signature:

Name:

Designation:

Bidding entity's name

Address:

Seal:

Date:

7. Annexure 3 – Formats for Submission of the Technical Bid

7.1 Technical Bid Check-List

Sl #	Checklist Item	Compliance (Yes/No)	Page No. and Section No. in the Bid
1	Technical Bid Letter		
2	Credential summary		
3	Project Citations and Self-certifications, as applicable		
4	Detailed proposed solution		
5	Project plan and manpower plan		
6	Proposed CVs		
7	Compliance to Requirement (Technical / Functional Specifications)		
8	Proposed Bill of Material		
9	Manufacturers'/Producers' Authorization Form Anti-Collusion certificate		
10	Non-disclosure agreement		

7.2 Technical Bid Covering Letter

Date: dd/mm/yyyy

To,

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Subject: Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Ref: RFP No. <<.....>> dated <<>>

Dear Sir,

I (in case of single bidder) or We, <<name of the undersigned Bidder and consortium members>>, having read and examined in detail all the bidding documents in respect of “Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City” do hereby propose to provide our services as specified in the bid submitted by us.

It is hereby confirmed that I / We are entitled to act on behalf of our company / corporation / firm / organization and empowered to sign this document as well as such other documents, which may be required in this connection.

We declare that all the services shall be performed strictly in accordance with the RFP documents.

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to Authority, is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the department in its evaluation process. We also confirm that we shall not attract conflict of interest in principle.

We hereby declare that in case the contract is awarded to us, we shall submit the contract Performance bank guarantee in the form prescribed at Annexure 5 (a) of Section 9 of the RFP Volume I.

We hereby declare that our bid is made in good faith, without collusion or fraud and the information contained in the bid is true and correct to the best of our knowledge and belief.

We understand that our bid is binding on us and that you are not bound to accept a Bid you receive. This bid is valid for 180 days after opening of technical bid. We shall extend the validity of the bid if required by Authority.

Thanking you,

Yours sincerely,

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

7.3 Credential Summary

Sl #	Project Name	Client Name	Client Type	Project Value (in Indian Rupees)	Project Components	Documentary evidence Provided (Yes or No)	Project Status (Completed Or Ongoing or Withheld)
1							
2							
3							
4							
5							
6							
7							

- Client type – Indicate whether the client is Government or PSU or Private
- Project Components – Indicate the major project components like application development for security surveillance, command and control center, Maintenance, Hardware procurement and deployment, DC setup and maintenance, Facility management services, provisioning manpower, IT support and maintenance
- Documentary evidence provided – Indicate the documentary evidence provided with the detailed project credential like work order or purchase order or completion certificate or letter of appointment
- Project Status – Completed (date of project completion) or Ongoing (project start date)

7.4 Bidder's Experience - Client Citations

Prime Bidder or Consortium member is requested to furnish the credentials in the following format for both Pre-qualification and Technical criterion. All credentials should be followed by relevant documentary proof.

Name of the Project & Location	
Client's Name and Complete Address	
Narrative description of project	
Contract Value for the bidder (in Indian Rupees)	
Date of Start	
Date of Completion	
Activities undertaken by prime bidder or consortium member	

Note: If the project is ongoing, bidder must clearly specify which of the stages/phases/milestones are completed and which are ongoing and at what stage of completion and produce a self-certificate as per the format provided in Section 6.7.

7.5 Overview of Proposed Solution

7.5.1 Structure of Proposed Solution

Bidders are required to provide a detailed approach & methodology to execute the entire project. Bidders are advised to comply with the below provided headers/Approach components while detailing out their solution.

Sl. No	Item
1.	<p>Understanding of requirement and Implementation approach</p> <ul style="list-style-type: none"> · Understanding of requirements · Work Plan & its adequacy
2.	<p>Robustness and quality</p> <ul style="list-style-type: none"> · End to end integrated solution proposed · Hardware deployment and integration approach encompassing all solutions · Timelines and modalities for implementation in a time bound manner · Project implementation approach or strategy and operations and maintenance plan including comprehensiveness of fallback strategy and planning during rollout · Any other area relevant to the scope of work and other requirements of the Project
3.	<p>Assessment of Manpower deployment, Training and Handholding plan</p> <ul style="list-style-type: none"> · Deployment strategy of Manpower · Contingency management · Mobilization of existing resources and additional resources as required · Training and handholding strategy

7.5.2 Project Plan

A **Detailed Project Plan** covering break-up of each phase into the key activities, along with the start and end dates must be provided as per format given below.

Activity-wise Timelines							
Sl. No.	Detailed Work Break down structure	Month wise Program					
		1	2	3	4	5	...
	Project Plan						
1	Activity 1						
1.1	Sub-Activity 1						
1.2	Sub-Activity 2						
2							
2.1							
2.2							
3							
3.1							
4							

Activity-wise Timelines

Sl. No.	Item of Activity	Month wise Program
----------------	-------------------------	---------------------------

Note: The above activity chart is just for the purpose of illustration. Bidders are requested to provide detailed activity & phase wise timelines for executing the project with details of deliverables & milestones as per their bid.

7.5.3 Manpower Plan

I. Till Go-Live (Implementation)

Manpower distribution									
S. No.	Role	Month wise time to be spent by each personnel (in days)						Total	
		Month 1	Month 2	Month 3	Go-Live		
1	Project Director								Onsite
									Offsite
2	Solution Architect								Onsite
3	Intelligent Traffic Management Expert								Onsite
4	Software Application Expert								Onsite
5	Network & Security – Infrastructure Expert								Onsite
6	Database Architect/DBA								Onsite
7	Server and Storage Expert								Onsite
8	GIS Expert								Onsite
9	IBMS Expert								Onsite
10	<Add more rows as required>								Onsite
Total									

II. After Go-Live (Operation & Maintenance)

<u>Manpower distribution</u>						
S. No.	Manpower Detailed Breakup					Total
		Year 1	Year 2	Year 3	Year 4	
1						Onsite/Offsite
2						Onsite/Offsite
3						Onsite/Offsite
4						Onsite/Offsite
5						Onsite/Offsite
6						Onsite/Offsite
7						Onsite/Offsite
8						Onsite/Offsite
9	<Add more rows as required>					Onsite/Offsite
		Total				

7.6 Details of Resources proposed

7.6.1 Summary of Resources proposed

Sr.No.	Name of the resource	Proposed Role	Highest Degree	Basic Qualification (e.g., B.Sc. or BE or MCA or Post Graduation)	Certifications (e.g., PMP or ITIL or TOGAF or CCNP etc.)	Total Experience (In Years)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

7.7 Curriculum Vitae (CV) of Team Members

1	Name of the Staff																			
2	Current Designation in the Organization																			
3	Proposed Role in the Project																			
4	Proposed Responsibilities in the Project																			
5	Date of Birth																			
6	Education	<ul style="list-style-type: none"> ▪ Degree / Diploma, College, University, Year of Passing ▪ Degree / Diploma, College, University, Year of Passing 																		
7	Summary of Key Training and Certifications																			
8	Language Proficiency	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: black; color: white;"> <th style="width: 25%;">Language</th> <th style="width: 25%;">Reading</th> <th style="width: 25%;">Writing</th> <th style="width: 25%;">Speaking</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Language	Reading	Writing	Speaking														
Language	Reading	Writing	Speaking																	
9	Employment Record (For the total relevant experience)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 30%; padding: 5px;">From / To:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Employer:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Position Held:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">From / To:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Employer:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Position Held:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">From / To:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Employer:</td> <td style="border: 1px dashed black;"></td> </tr> <tr> <td style="padding: 5px;">Position Held:</td> <td style="border: 1px dashed black;"></td> </tr> </tbody> </table>	From / To:		Employer:		Position Held:		From / To:		Employer:		Position Held:		From / To:		Employer:		Position Held:	
From / To:																				
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Employer:																				
Position Held:																				
10	Total No. of Years of Work Experience																			
11	Total No. of Years of Experience for the Role proposed																			

12	<p>Highlights of relevant assignments handled and significant accomplishments (Use following format for each project)</p> <table border="1"><tr><td data-bbox="239 246 558 336">Name of assignment or project:</td><td data-bbox="558 246 1511 336"></td></tr><tr><td data-bbox="239 336 558 392">Year:</td><td data-bbox="558 336 1511 392"></td></tr><tr><td data-bbox="239 392 558 448">Location:</td><td data-bbox="558 392 1511 448"></td></tr><tr><td data-bbox="239 448 558 504">Client:</td><td data-bbox="558 448 1511 504"></td></tr><tr><td data-bbox="239 504 558 593">Main project features:</td><td data-bbox="558 504 1511 593"></td></tr><tr><td data-bbox="239 593 558 638">Positions held:</td><td data-bbox="558 593 1511 638"></td></tr><tr><td data-bbox="239 638 558 741">Activities performed:</td><td data-bbox="558 638 1511 741"></td></tr></table>	Name of assignment or project:		Year:		Location:		Client:		Main project features:		Positions held:		Activities performed:	
Name of assignment or project:															
Year:															
Location:															
Client:															
Main project features:															
Positions held:															
Activities performed:															

7.8 Compliance to Requirement (Technical / Functional Specifications)

The bidder should provide compliance to the requirement specifications (both technical and functional) specified in the Annexures of the Volume II of this RFP. The same should be reproduced here, and compliance against each requirement line item should be marked.

7.9 Proposed Bill of Material

The Bidder should provide the proposed Bill of Material (BoM) here. Bidders are required to mention the details of the make/brand and model against each line item, wherever applicable. The bid can be considered non-responsive in the absence of such details. Once the bidder provides this information in the submitted bid, the bidder cannot change it with any other component / equipment etc. of lower specifications / performance; it can only be upgraded at the time of actual deployment/installation.

The list of items mentioned hereunder is indicative. The Bidder shall consider the components and quantity to fulfill the RFP and project requirements in totality.

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
A	Area Traffic Control System (ATCS)					
A1	ATCS Traffic Controller	Number	39			
A2	Countdown timer	Number	143			
A3	Vehicle Detector Camera	Number	143			
A4	Galvanized Cantilever poles	Number	143			
A5	Galvanized Standard Poles	Number	148			
A6	Traffic Light Aspects – Red	Number	419			
A7	Traffic Light Aspects – Green	Number	683			
A8	Traffic Light Aspects – Amber	Number	419			
A9	Pedestrian lamp heads – Stop Man	Number	236			
A10	Pedestrian lamp heads –Walk Man	Number	236			
A11	Junction Box/Cabinets	Number	39			
A12	Complete cabling and civil works as required including but not limited to: 50/90 mm HDPE Pipe at road crossing, island, median etc.; 90/120mm DWC pipe, 14/7 core 1.5	Lot	39			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	Sqmm Armoured cable; 3 Core, 2.5 Sqmm Armoured Cable; jointing, terminating, trenching, compacting, backfilling as per satisfaction of RSCL.					
B	Surveillance System					
B1	Outdoor Box Cameras	Number	199			
B2	Outdoor PTZ Cameras	Number	65			
B3	ANPR Cameras	Number	54			
B4	IR Illuminators	Number	199			
B5	Fixed Bullet IR Cameras	Number	88			
B6	Network Video Recorder (NVR) with appropriate storage	Number	22			
B7	18" Display Monitor for NVR	Number	22			
B8	Poles for Cameras and Equipments	Number	Actual quantity arrived for the solution (please specify)			
B9	Poles with Cantilever	Number	Actual quantity arrived for the solution (please specify)			
B10	Emergency Call Box	Number	63			
B11	IP Based Public Address System	Number	45			
B12	Switches	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
B13	Provisioning of Electrical Power	Number	119			
B14	Networking Cost (Passive Components) (Pl. specify the details like Junction Box, Patch Panel, LIU, OFC, Cat6 Cable, Power Cable, Patch Cords, GI, HDPE Pipes, Installation & Labour Charges, etc.	Lot	Actual quantity arrived for the solution (please specify)			
B15	UPS with Battery (appropriate Backup as per technical specification and SLA mentioned in volume II of this RFP).	Number	Actual quantity arrived for the solution (please specify)			
C	Traffic Enforcement System					
C1	Red Light Violation Detection (RLVD) System with complete hardware including ANPR cameras, Overview Cameras, Local Processing Unit, with cabling, accessories & mounting infrastructure as required	Traffic Junctions	23			
C2	Violation Cameras with ANPR capability for Wrong Way Movement violations with complete hardware, accessories mounting infrastructure as required	Locations	10			
C3	Speed Detection System for covering 3 lanes in one direction with complete subcomponents	Locations	5			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	including ANPR camera, wide angle evidence camera, IR illuminator, non-intrusive speed sensor, with cabling & mounting infrastructure as required					
C4	E-Challan Hand held devices with E-Challan s/w for Handheld	Number	30			
D	Variable Message Sign Board					
D1	VMS board including VMS controller size 3000mm*1500mm*200 mm (minimum) with complete hardware and accessories as required	Number	15			
D2	Mounting structure for VMS including UPS facility as per specifications	Number	15			
E	Smart Poles					
E1	Supply, installation, commissioning of Smart Poles as per specifications	Number	20			
F	Data Center					
F1	Server and Operating systems for(including but not limited to): <ul style="list-style-type: none"> • Adaptive Traffic Control System (ATCS) • Variable Messaging Sign (VMS) • Public Address (PA) System • Surveillance Cameras-Management • Surveillance Cameras-Recording 	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	<ul style="list-style-type: none"> • ANPR • RLVD • Speed Detection • EMS • Database • e-Challan System • ECB System • Server for CCC application and other applications like IBMS, contact center etc. as required (Please specify) 					
F2	Failover Server for every sub-System module in N+1 mode	Number	Actual quantity arrived for the solution (please specify)			
F3	Antivirus Server	Number	Actual quantity arrived for the solution (please specify)			
F4	Server Load Balancer	Number	Actual quantity arrived for the solution (please specify)			
F5	Adaptive Traffic Control System (ATCS) software application for traffic 50 junctions	System	1			
F6	Video Management System	Number	296			
F7	Enterprise Management System (including SLA Mngt, HelpDesk Mngt, Network Mngt, BMS) (Pl give the break-up	Number	Actual quantity arrived for the solution (please			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	if different s/w required)		specify)			
F8	Anti-virus Software	Number	Actual quantity arrived for the solution (please specify)			
F9	Speed Detection System (Software + License)	Number	Actual quantity arrived for the solution (please specify)			
F10	ANPR (Software + License)	Number	Actual quantity arrived for the solution (please specify)			
F11	RLVD(Software+ License)	Number	Actual quantity arrived for the solution (please specify)			
F12	E-Challan System Software	Number	Actual quantity arrived for the solution (please specify)			
F13	Variable Messaging Signage Software	Number	Actual quantity arrived for the solution (please specify)			
F14	ECB Software	Number	Actual quantity arrived for the solution			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
			(please specify)			
F15	PA System Software	Number	Actual quantity arrived for the solution (please specify)			
F16	CCC City Operations System Application	Number	Actual quantity arrived for the solution (please specify)			
F17	Contact Centre application and database	Number	Actual quantity arrived for the solution (please specify)			
F18	Any other server side Software required to cater Functional, Technical and SLA requirement specified in this RFP	Number	Actual quantity arrived for the solution (please specify)			
F19	Primary Storage	TB	Actual quantity arrived for the solution (please specify)			
F20	Secondary Storage	TB	Actual quantity arrived for the solution (please specify)			
F21	Backup Storage (in TB)	TB	Actual quantity arrived for the			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
			solution (please specify)			
F22	L3 Switches	Number	Actual quantity arrived for the solution (please specify)			
F23	Firewall	Number	Actual quantity arrived for the solution (please specify)			
F24	Intrusion Prevention System	Number	Actual quantity arrived for the solution (please specify)			
F25	Racks	Number	Actual quantity arrived for the solution (please specify)			
F26	Networking (Passive Components)	Lot	Actual quantity arrived for the solution (please specify)			
G	Command & Control Centre (CCC)					
G1	Video Wall Cubes- 55" LED in 6 X 3 matrix	Number	18			
G2	Video wall controller with wall management software	Number	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
G3	Audio Mixer and speaker system	Number	1			
G4	Multi-Function Laser Printer (City Operations Room)	Number	2			
G5	Plotter (City Operations Room)	Number	1			
G6	Operator Workstations (City Operations Room, Manager, Help Desk, technical support, contact centre, security room and war room)	Number	32			
G7	IP Phones	Number	34			
G8	Digital Set top boxes	Number	1			
G9	Television Set (Meeting room)	Number	1			
G10	65"/70" LED display to present critical information Display	Number	2			
G11	Video Conferencing Unit	Number	1			
G12	IP Push to Talk Radio	Number	1			
G13	Microphone	Number	4			
G14	IP PABX System	Number	1			
G15	PRI Modem pair	Number	2			
G16	SMS Gateway modem	Number	1			
G17	DG Set (For IT Load Only)	Number	Actual quantity arrived for the solution (please specify)			
G18	IBMS	Lump sum	1			
G19	Air Conditioning for City Operations Room	Number	Actual quantity arrived			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
			for the solution (please specify)			
G20	Comfort Air Conditioning	Number	Actual quantity arrived for the solution (please specify)			
G21	UPS with Battery backup of 1 hour	Number	Actual quantity arrived for the solution (please specify)			
G22	Access Control System	Lump sum	1			
G23	Electrical and power cabling	Lump sum	1			
G24	Electrical Cabling & Necessary Illumination Devices	Lump sum	1			
G25	LAN and CAT-6 cabling	Lump sum	1			
G26	Public Address System	Lump sum	1			
G27	Fire & Smoke Detection System	Lump sum	1			
G28	Fixed Dome Cameras	Number	12			
G29	Furniture for City Operations Room Operator Desks	Number	15			
G30	Furniture for City Operations Room Manager's Desk	Number	1			
G31	Furniture for City Operations Room meeting table and chairs	Number	1			
G32	Furniture for Meeting Room meeting table and chairs	Number	1			
G33	Furniture for Contact Center Operator	Number	4			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	Desks					
G34	Furniture for Security Room Desks	Number	2			
G35	Furniture for Help Desk Team	Number	2			
G36	Furniture for 'Technical Support Team Desks	Number	8			
G37	Furniture for War Room	Number	1			
G38	Services for DTH Subscription	Number	1			
G39	Services for SMS Gateway	Number	1			
G40	Services for PRI Lines	Number	1			
G41	Civil Work (Raised Floor, False Ceiling, Ducting, Access Doors, Painting, Partitioning etc.) 1. City Operations Room (7000 Sq. Feet) 2. Meeting Room (500 Sq. Feet) 3. Contact Centre Room (500 Sq. Feet) 4. Technical Support Room / Help Desk (750 Sq. Feet) 5. War Room (300 Sq. Feet) 6. NOC Room (400 Sq. Feet) 7. Utility Room	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
	(AHU + UPS + Battery) (600 Sq. Feet) 8. Security Room (150 Sq. Feet) 9. Entrance Room (Reception Area) (150 Sq. Feet) 10. Electrical Room (700 Sq. Feet) 11. Storage Area (300 Sq. Feet) 12. Washrooms (300 Sq. Feet) 13. Pantry (200 Sq. Feet) 14. Entrance Facility Room (500 Sq. Feet) 15. Conference Room (300 Sq. Feet)					
G4 2	Switches/Router	Number	Actual quantity arrived for the solution (please specify)			
G4 3	Networking/IT Racks	Number	Actual quantity arrived for the solution			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
			(please specify)			
H	Smart Data Recovery (DR)					
H1	Server side Infra	Number	Actual quantity arrived for the solution (please specify)			
H2	Storage	Number	Actual quantity arrived for the solution (please specify)			
H3	Security Infra	Number	Actual quantity arrived for the solution (please specify)			
H4	DRM (DC-DR Sync) Software	Number	Actual quantity arrived for the solution (please specify)			
I	Viewing Centers					
I1	LED Display-55"	Number	2			
I 2	Monitoring Workstations	Number	2			
I 3	Network Laser Printer (Monochrome)	Number	2			
I 4	IP Phones	Number	2			
I 5	Switches	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full compliance with RFP Requirements (Yes/No)
I 6	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)			
I 7	Networking Cost (Passive Components)	Lump sum	Actual quantity arrived for the solution (please specify)			
I 8	Electrical Cabling & Necessary Illumination Devices	Lump sum	Actual quantity arrived for the solution (please specify)			
I 9	Office Workstations (Furniture and Fixtures)	Number	2			
I 10	Comfort AC	Number	2			
I 11	UPS (1 KV with 30 Minutes backup)	Number	2			

7.10 Manufacturers'/Producers' Authorization Form

<<To be printed on letter head of OEM and signed by Authorized signatory of OEM>>

Date: dd/mm/yyyy

To

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Sub : Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Ref : Tender No: <No> Dated <DD/MM/YYYY>

Dear Sir/ Madam,

We _____, (name and address of the manufacturer) who are established and reputed manufacturers of _____ having factories at _____ (addresses of manufacturing / development locations) do hereby authorize M/s _____ (name and address of the bidder) to bid, negotiate and conclude the contract with you against the above mentioned tender for the above equipment / software manufactured / developed by us.

We herewith certify that the above mentioned equipment / software products are not end of the life and we hereby undertake to support these equipment / software for the duration of minimum 6 years from the date of this letter.

Yours faithfully,

(Signature of the Authorized Signatory
from OEM)

Name

Designation

Seal.

Date:

Place:

Business Address:

(Signature of the Authorized Signatory
Lead Bidder)

Name

Designation

Seal.

Date:

Place:

Business Address:

7.11 Anti-Collusion Certificate

[Certificate should be provided by Lead Bidder and on letter head]

Date: dd/mm/yyyy

To,

Managing Director,
Raipur Smart City Limited,
Head Office Building, Municipal Corporation,
Near Mahila Police Station, Gandhi Chowk,
Kalibadi, Raipur-492001,
Chhattisgarh.

Subject: Anti-Collusion Certificate in response to the Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Ref: RFP No. <<.....>> **dated** <<>>

Dear Sir,

We hereby certify and confirm that in the preparation and submission of our Bid for Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City against the RFP issued by Authority, 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 organization in connection with the instant bid.

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

8. Annexure 4 – Formats for Submission of the Commercial Bid

8.1. Total Price Summary

Sl #	Head	Amount (in Indian Rupees)	Amount (in words)
1.	Total CAPEX price (Inclusive of all taxes, levies, duties, etc. as applicable)		
2.	Total OPEX price (Inclusive of all taxes, levies, duties, etc. as applicable)		
3.	Total price (1+2) (Inclusive of all taxes, levies, duties, etc. as applicable)		

Note : The Details has to be entered Online only.

8.2 Price component for CAPEX:

The list of items indicated hereunder is indicative. The Bidder shall consider the components and quantity to fulfill the RFP and project requirements in totality.

Note : The Details has to be uploaded online with format mentioned in 8.1.

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
1	2	3	4	5	6	7=(5+6)*4
A	Area Traffic Control System (ATCS)					
A1	ATCS Traffic Controller	Number	39			
A2	Countdown timer	Number	143			
A3	Vehicle Detector Camera	Number	143			
A4	Galvanized Cantilever poles	Number	143			
A5	Galvanized Standard Poles	Number	148			
A6	Traffic Light Aspects - Red	Number	419			
A7	Traffic Light Aspects - Green	Number	683			
A8	Traffic Light Aspects - Amber	Number	419			
A9	Pedestrian lamp heads - Stop Man	Number	236			
A10	Pedestrian lamp heads - Walk Man	Number	236			
A11	Junction Box/Cabinets	Number	39			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
A12	Complete cabling and civil works as required including but not limited to: 50/90 mm HDPE Pipe at road crossing, island, median etc.; 90/120mm DWC pipe, 14/7 core 1.5 Sqmm Armoured cable; 3 Core, 2.5 Sqmm Armoured Cable; jointing, terminating, trenching, compacting, backfilling as per satisfaction of RSCL.	Lot	39			
B	Surveillance System					
B1	Outdoor Box Cameras	Number	199			
B2	Outdoor PTZ Cameras	Number	65			
B3	ANPR Cameras	Number	54			
B4	IR Illuminators	Number	199			
B5	Fixed Bullet IR Cameras	Number	88			
B6	Network Video Recorder (NVR) with appropriate storage	Number	22			
B7	18" Display Monitor for NVR	Number	22			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
B8	Poles for Cameras and Equipments	Number	Actual quantity arrived for the solution (please specify)			
B9	Poles with Cantilever	Number	Actual quantity arrived for the solution (please specify)			
B10	Emergency Call Box	Number	63			
B11	IP Based Public Address System	Number	45			
B12	Switches	Number	Actual quantity arrived for the solution (please specify)			
B13	Provisioning of Electrical Power	Number	119			
B14	Networking Cost (Passive Components) (Pl. specify the details like Junction Box, Patch Panel, LIU, OFC, Cat6 Cable, Power Cable, Patch Cords, GI, HDPE Pipes, Installation & Labour Charges, etc.	Lot	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
B15	UPS with Battery (appropriate Backup as per technical specification and SLA mentioned in volume II of this RFP).	Number	Actual quantity arrived for the solution (please specify)			
C	Traffic Enforcement System					
C1	Red Light Violation Detection (RLVD) System with complete hardware including ANPR cameras, Overview Cameras, Local Processing Unit, with cabling, accessories & mounting infrastructure as required	Traffic Junctions	23			
C2	Violation Cameras with ANPR capability for Wrong Way Movement violations with complete hardware, accessories mounting infrastructure as required	Locations	10			
C3	Speed Detection System for covering 3 lanes in one direction with complete subcomponents including ANPR camera, wide angle	Locations	5			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
	evidence camera, IR illuminator, non-intrusive speed sensor, with cabling & mounting infrastructure as required					
C4	E-Challan Hand held devices with E-Challan s/w for Handheld	Number	30			
D	Variable Message Sign Board					
D1	VMS board including VMS controller size 3000mm*1500mm*200 mm (minimum) with complete hardware and accessories as required	Number	15			
D2	Mounting structure for VMS including UPS facility as per specifications	Number	15			
E	Smart Poles					
E1	Supply, installation, commissioning of Smart Poles as per specifications	Number	20			
F	Data Center					
F1	Server and Operating systems for(including but	Number	Actual quantity arrived for the			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
	not limited to): <ul style="list-style-type: none"> • Adaptive Traffic Control System (ATCS) • Variable Messaging Sign (VMS) • Public Address (PA) System • Surveillance Cameras-Management • Surveillance Cameras-Recording • ANPR • RLVD • Speed Detection • EMS • Database • e-Challan System • ECB System • Server for CCC application and other applications like IBMS, contact center etc. as required (Please specify) 		solution (please specify)			
F2	Failover Server for every sub-System module in N+1 mode	Number	Actual quantity arrived for the solution (please			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
			specify)			
F3	Antivirus Server	Number	Actual quantity arrived for the solution (please specify)			
F4	Server Load Balancer	Number	Actual quantity arrived for the solution (please specify)			
F5	Adaptive Traffic Control System (ATCS) software application for traffic 50 junctions	System	1			
F6	Video Management System	Number	296			
F7	Enterprise Management System (including SLA Mngt, HelpDesk Mngt, Network Mngt, BMS) (Pl give the break-up if different s/w required)	Number	Actual quantity arrived for the solution (please specify)			
F8	Anti-virus Software	Number	Actual quantity arrived for the solution (please specify)			
F9	Speed Detection System (Software + License)	Number	Actual quantity arrived for the			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
			solution (please specify)			
F10	ANPR (Software + License)	Number	Actual quantity arrived for the solution (please specify)			
F11	RLVD(Software+ License)	Number	Actual quantity arrived for the solution (please specify)			
F12	E-Challan System Software	Number	Actual quantity arrived for the solution (please specify)			
F13	Variable Messaging Signage Software	Number	Actual quantity arrived for the solution (please specify)			
F14	ECB Software	Number	Actual quantity arrived for the solution (please specify)			
F15	PA System Software	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
F16	CCC City Operations System Application	Number	Actual quantity arrived for the solution (please specify)			
F17	Contact Centre application and database	Number	Actual quantity arrived for the solution (please specify)			
F18	Any other server side Software required to cater Functional, Technical and SLA requirement specified in this RFP	Number	Actual quantity arrived for the solution (please specify)			
F19	Primary Storage	TB	Actual quantity arrived for the solution (please specify)			
F20	Secondary Storage	TB	Actual quantity arrived for the solution (please specify)			
F21	Backup Storage (in TB)	TB	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
F22	L3 Switches	Number	Actual quantity arrived for the solution (please specify)			
F23	Firewall	Number	Actual quantity arrived for the solution (please specify)			
F24	Intrusion Prevention System	Number	Actual quantity arrived for the solution (please specify)			
F25	Racks	Number	Actual quantity arrived for the solution (please specify)			
F26	Networking (Passive Components)	Lot	Actual quantity arrived for the solution (please specify)			
G	Command & Control Centre (CCC)					
G1	Video Wall Cubes- 55" LED in 6 X 3 matrix	Number	18			
G2	Video wall controller with wall management software	Number	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
G3	Audio Mixer and speaker system	Number	1			
G4	Multi-Function Laser Printer (City Operations Room)	Number	2			
G5	Plotter (City Operations Room)	Number	1			
G6	Operator Workstations (City Operations Room, Manager, Help Desk, technical support, contact centre, security room and war room)	Number	32			
G7	IP Phones	Number	34			
G8	Digital Set top boxes	Number	1			
G9	Television Set (Meeting room)	Number	1			
G10	65"/70" LED display to present critical information Display	Number	2			
G11	Video Conferencing Unit	Number	1			
G12	IP Push to Talk Radio	Number	1			
G13	Microphone	Number	4			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
G14	IP PABX System	Number	1			
G15	PRI Modem pair	Number	2			
G16	SMS Gateway modem	Number	1			
G17	DG Set (For IT Load Only)	Number	Actual quantity arrived for the solution (please specify)			
G18	IBMS	Lump sum	1			
G19	Air Conditioning for City Operations Room	Number	Actual quantity arrived for the solution (please specify)			
G20	Comfort Air Conditioning	Number	Actual quantity arrived for the solution (please specify)			
G21	UPS with Battery backup of 1 hour	Number	Actual quantity arrived for the solution (please specify)			
G22	Access Control System	Lump sum	1			
G23	Electrical and power cabling	Lump sum	1			
G24	Electrical Cabling & Necessary Illumination	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
	Devices					
G25	LAN and CAT-6 cabling	Lump sum	1			
G26	Public Address System	Lump sum	1			
G27	Fire & Smoke Detection System	Lump sum	1			
G28	Fixed Dome Cameras	Number	12			
G29	Furniture for City Operations Room Operator Desks	Number	15			
G30	Furniture for City Operations Room Manager's Desk	Number	1			
G31	Furniture for City Operations Room meeting table and chairs	Number	1			
G32	Furniture for Meeting Room meeting table and chairs	Number	1			
G33	Furniture for Contact Center Operator Desks	Number	4			
G34	Furniture for Security Room Desks	Number	2			
G35	Furniture for Help Desk Team	Number	2			
G36	Furniture for "Technical Support Team Desks	Number	8			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
G37	Furniture for War Room	Number	1			
G38	Services for DTH Subscription	Number	1			
G39	Services for SMS Gateway	Number	1			
G40	Services for PRI Lines	Number	1			
G41	Civil Work (Raised Floor, False Ceiling, Ducting, Access Doors, Painting, Partitioning etc.) 1. City Operations Room (7000 Sq. Feet) 2. Meeting Room (500 Sq. Feet) 3. Contact Centre Room (500 Sq. Feet) 4. Technical Support Room / Help Desk (750 Sq. Feet)	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
	5. War Room (300 Sq. Feet) 6. NOC Room (400 Sq. Feet) 7. Utility Room (AHU + UPS + Battery) (600 Sq. Feet) 8. Security Room (150 Sq. Feet) 9. Entrance Room (Reception Area) (150 Sq. Feet) 10. Electrical Room (700 Sq. Feet) 11. Storage Area (300 Sq. Feet) 12. Washrooms (300 Sq. Feet) 13. Pantry (200 Sq. Feet)					

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
	14. Entrance Facility Room (500 Sq. Feet) 15. Conference Room (300 Sq. Feet)					
G42	Switches/Router	Number	Actual quantity arrived for the solution (please specify)			
G43	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)			
H	Smart Data Recovery (DR)					
H1	Server side Infra	Number	Actual quantity arrived for the solution (please specify)			
H2	Storage	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
H3	Security Infra	Number	Actual quantity arrived for the solution (please specify)			
H4	DRM (DC-DR Sync) Software	Number	Actual quantity arrived for the solution (please specify)			
G	Viewing Centers					
G1	LED Display-55"	Number	2			
G2	Monitoring Workstations	Number	2			
G3	Network Laser Printer (Monochrome)	Number	2			
G4	IP Phones	Number	2			
G5	Switches	Number	Actual quantity arrived for the solution (please specify)			
G6	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
G7	Networking Cost (Passive Components)	Lump sum	Actual quantity arrived for the solution (please specify)			
G8	Electrical Cabling & Necessary Illumination Devices	Lump sum	Actual quantity arrived for the solution (please specify)			
G9	Office Workstations (Furniture and Fixtures)	Number	2			
G10	Comfort AC	Number	2			
G11	UPS (1 KV with 30 Minutes backup)	Number	2			
H	Capacity Building, Installation, Commissioning, Customization, Integration and Overall Project Management Charges					
H1	Functional Training	Number	1			
H2	Administrative Training	Number	1			
H3	Sr. Management Training	Number	1			
H4	Installation, Testing, Commissioning, and Overall Project Management	Lump sum	1			
I	One Time Services					
I1	One time feasibility study	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
I2	One time security audit (from third party)	Lump sum	1			
I3	One time integration with optic fiber network and other modes of connectivity	Lump sum	1			
I4	Integration of ICCC with Electrical SCADA and Smart Meters	Lump sum	1			
I5	Integration of ICCC with Street Lighting	Lump sum	1			
I6	Integration of ICCC with Water SCADA and Smart Meters	Lump sum	1			
I7	Integration of ICCC with E-Medicine	Lump sum	1			
I8	Integration of ICCC with E-Education	Lump sum	1			
I9	Integration of ICCC with Smart Parking	Lump sum	1			
I10	Integration of ICCC with Wi-Fi Hotspots	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
I11	Integration of ICCC with Intelligent Traffic Management System (ITMS)	Lump sum	1			
I12	Integration of ICCC with City Surveillance System	Lump sum	1			
I13	Integration of ICCC with Emergency Call Box (ECB) Systems	Lump sum	1			
I14	Integration of ICCC with Multi-Modal Transport Systems (MMTS)	Lump sum	1			
I15	Integration of ICCC with Smart Payment	Lump sum	1			
I16	Integration of ICCC with Environmental Sensors	Lump sum	1			
I17	Integration of ICCC with GIS	Lump sum	1			
I18	Integration of ICCC with Smart Governance	Lump sum	1			

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (In Indian Rupees)	All taxes, levies, duties etc. as applicable (In Indian Rupees) (Per Unit)	Total Price including All taxes, levies, duties, etc.as applicable (In Indian Rupees)
I19	Integration of ICCC with Solid Waste Management	Lump sum	1			
I20	Integration of ICCC with Smart Poles	Lump sum	1			
Total CAPEX Price (In Indian Rupees)						

Total CAPEX Price (in words) - _____

Note: Bidder must ensure that all the line items are covered as specified in BOM and all required fields in the Commercial bid format are duly filled and calculated appropriately. All amounts to be quoted in Indian Rupees.

8.3. Price component for OPEX

The Bidder may add any additional line item (with adequate details and pricing information) in table below towards the end that may be required to fulfill the RFP and project requirements in totality.

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
A	Technical & Operational Manpower								
A1	Project Director	Number	1						
A2	Project Manager	Number	1						
A3	Solution Architect	Number	1						
A4	Intelligent Traffic Management Expert	Number	1						
A5	Software Application Expert	Number	1						
A6	Network & Security - Infrastructure Expert	Number	1						
A7	Database Architect/DBA	Number	1						
A8	Server and Storage Expert	Number	1						
A9	Technical Expert - GIS	Number	1						
A10	Technical Expert - IBMS	Number	1						
A11	Contact center manpower	Number	12						
A12	Non IT experts	Number	1						
A13	Electrical and Plumbing	Number	3						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	team								
A14	Security Staff	Number	3						
A15	Housekeeping staff	Number	2						
A16	Admin and support	Number	1						
B	Network Connectivity								
B1	Connectivity Cost ATCS Controllers to Data Center	1 Mbps	39						
B2	Connectivity Cost from Surveillance Fixed Cameras to Data Center	Mbps (Actual quantity arrived for the solution (please specify))	199						
B3	Connectivity Cost from Surveillance PTZ Cameras to Data Center	Mbps (Actual quantity arrived for the solution (please specify))	65						
B4	Connectivity Cost from ANPR System to Data Center	Mbps (Actual quantity arrived for the solution (please specify))	54						
B5	Connectivity Cost from RLVD System to Data Center	Mbps (Actual quantity arrived for the solution (please specify))	23						
B6	Connectivity Cost from Speed Detection System to Data Center	Mbps (Actual quantity arrived for the	5						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
		solution (please specify)							
B7	Connectivity Cost from Wrong Way Movement violations Cameras to Data Center	Mbps (Actual quantity arrived for the solution (please specify)	12						
B8	Connectivity Cost from Variable Message Signage system to Data Center	Mbps (Actual quantity arrived for the solution (please specify)	15						
B9	Connectivity Cost from PA System to Data Center	Mbps (Actual quantity arrived for the solution (please specify)	45						
B10	Connectivity Cost from ECB system to Data Center	Mbps (Actual quantity arrived for the solution (please specify)	63						
B11	Aggregation Bandwidth at Data Center	Mbps (Actual quantity arrived for the solution (please specify)	1						
B12	Connectivity cost from Data Center to ASP-Traffic Office (50 Mbps)	50 Mbps	1						
B13	3G upgradable to 4G GSM Connectivity from E Challan Handheld device	Mbps (Actual quantity arrived for the	30						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	to Data Center	solution (please specify)							
B14	Connectivity Cost between Smart Poles to SDC	Mbps (Actual quantity arrived for the solution (please specify)	20						
B15	Internet Bandwidth for Wi-Fi for Smart Poles	1 Gbps	1						
C	Electricity for field devices								
C1	Recurring Electricity Charges at Edge devices	Locations	119						
D	Operations, Management and Annual Maintenance Support								
D1	ATCS Traffic Controller	Number	39						
D2	Countdown timer	Number	143						
D3	Vehicle Detector Camera	Number	143						
D4	Galvanized Cantilever poles	Number	143						
D5	Galvanized Standard Poles	Number	148						
D6	Traffic Light Aspects - Red	Number	419						
D7	Traffic Light Aspects – Green	Number	683						
D8	Traffic Light Aspects – Amber	Number	419						
D9	Pedestrian lamp heads – Stop Man	Number	236						
D10	Pedestrian lamp heads – Walk Man	Number	236						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D11	Junction Box/Cabinets	Number	39						
D12	Complete cabling and civil works as required including but not limited to: 50/90 mm HDPE Pipe at road crossing, island, median etc.; 90/120mm DWC pipe, 14/7 core 1.5 Sqmm Armoured cable; 3 Core, 2.5 Sqmm Armoured Cable; jointing, terminating, trenching, compacting, backfilling as per satisfaction of RSCL.	Lot	39						
D13	Outdoor Box Cameras	Number	199						
D14	Outdoor PTZ Cameras	Number	65						
D15	ANPR Cameras	Number	54						
D16	IR Illuminators	Number	199						
D17	Fixed Bullet IR Cameras	Number	88						
D18	Network Video Recorder (NVR) with appropriate storage	Number	22						
D19	18" Display Monitor for NVR	Number	22						
D20	Poles for Cameras and Equipments	Number	Actual quantity arrived for the solution						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			(please specify)						
D21	Poles with Cantilever	Number	Actual quantity arrived for the solution (please specify)						
D22	Emergency Call Box	Number	63						
D23	IP Based Public Address System	Number	45						
D24	Switches	Number	Actual quantity arrived for the solution (please specify)						
D25	Provisioning of Electrical Power	Number	119						
D26	Networking Cost (Passive Components) (Pl. specify the details like Junction Box, Patch Panel, LIU, OFC, Cat6 Cable, Power Cable, Patch Cords, GI, HDPE Pipes, Installation & Labour Charges, etc.	Lot	Actual quantity arrived for the solution (please specify)						
D27	UPS with Battery (appropriate Backup as per technical specification)	Number	Actual quantity arrived for						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	and SLA mentioned in volume II of this RFP).		the solution (please specify)						
D28	Red Light Violation Detection (RLVD) System with complete hardware including ANPR cameras, Overview Cameras, Local Processing Unit, with cabling, accessories & mounting infrastructure as required	Traffic Junctions	23						
D29	Violation Cameras with ANPR capability for Wrong Way Movement violations with complete hardware, accessories mounting infrastructure as required	Locations	10						
D30	Speed Detection System for covering 3 lanes in one direction with complete subcomponents including ANPR camera, wide angle evidence camera, IR illuminator, non-intrusive speed sensor, with cabling & mounting infrastructure as required	Locations	5						
D31	E-Challan Hand held devices with E-Challan s/w for Handheld	Number	30						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D32	VMS board including VMS controller size 3000mm*1500mm*200 mm (minimum) with complete hardware and accessories as required	Number	15						
D33	Mounting structure for VMS including UPS facility as per specifications	Number	15						
D34	Smart Poles as per specifications	Number	20						
D35	Server and Operating systems for(including but not limited to): <ul style="list-style-type: none"> • Adaptive Traffic Control System (ATCS) • Variable Messaging Sign (VMS) • Public Address (PA) System • Surveillance Cameras-Management • Surveillance Cameras-Recording • ANPR • RLVD • Speed Detection • EMS • Database • e-Challan System • ECB System • Server for CCC 	Number	Actual quantity arrived for the solution (please specify)						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	application and other applications like IBMS, contact center etc. as required (Please specify)								
D36	Failover Server for every sub-System module in N+1 mode	Number	Actual quantity arrived for the solution (please specify)						
D37	Antivirus Server	Number	Actual quantity arrived for the solution (please specify)						
D38	Server Load Balancer	Number	Actual quantity arrived for the solution (please specify)						
D39	Adaptive Traffic Control System (ATCS) software application for traffic 50 junctions	System	1						
D40	Video Management System	Number	296						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D41	Enterprise Management System (including SLA Mngt, HelpDesk Mngt, Network Mngt, BMS) (Pl give the break-up if different s/w required)	Number	Actual quantity arrived for the solution (please specify)						
D42	Anti-virus Software	Number	Actual quantity arrived for the solution (please specify)						
D43	Speed Detection System (Software + License)	Number	Actual quantity arrived for the solution (please specify)						
D44	ANPR (Software + License)	Number	Actual quantity arrived for the solution (please specify)						
D45	RLVD(Software+ License)	Number	Actual quantity arrived for the solution						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			(please specify)						
D46	E-Challan System Software	Number	Actual quantity arrived for the solution (please specify)						
D47	Variable Messaging Signage Software	Number	Actual quantity arrived for the solution (please specify)						
D48	ECB Software	Number	Actual quantity arrived for the solution (please specify)						
D49	PA System Software	Number	Actual quantity arrived for the solution (please specify)						
D50	CCC City Operations System Application	Number	Actual quantity arrived for						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			the solution (please specify)						
D51	Contact Centre application and database	Number	Actual quantity arrived for the solution (please specify)						
D52	Any other server side Software required to cater Functional, Technical and SLA requirement specified in this RFP	Number	Actual quantity arrived for the solution (please specify)						
D53	Primary Storage	TB	Actual quantity arrived for the solution (please specify)						
D54	Secondary Storage	TB	Actual quantity arrived for the solution (please specify)						

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Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D55	Backup Storage (in TB)	TB	Actual quantity arrived for the solution (please specify)						
D56	L3 Switches	Number	Actual quantity arrived for the solution (please specify)						
D57	Firewall	Number	Actual quantity arrived for the solution (please specify)						
D58	Intrusion Prevention System	Number	Actual quantity arrived for the solution (please specify)						
D59	Racks	Number	Actual quantity arrived for the solution						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			(please specify)						
D60	Networking (Passive Components)	Lot	Actual quantity arrived for the solution (please specify)						
D61	Video Wall Cubes- 55" LED in 6 X 3 matrix	Number	18						
D62	Video wall controller with wall management software	Number	1						
D63	Audio Mixer and speaker system	Number	1						
D64	Multi-Function Laser Printer (City Operations Room)	Number	2						
D65	Plotter (City Operations Room)	Number	1						
D66	Operator Workstations (City Operations Room, Manager, Help Desk, technical support, contact centre, security room and war room)	Number	32						
D67	IP Phones	Number	34						
D68	Digital Set top boxes	Number	1						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D69	Television Set (Meeting room)	Number	1						
D70	65"/70" LED display to present critical information Display	Number	2						
D71	Video Conferencing Unit	Number	1						
D72	IP Push to Talk Radio	Number	1						
D73	Microphone	Number	4						
D74	IP PABX System	Number	1						
D75	PRI Modem pair	Number	2						
D76	SMS Gateway modem	Number	1						
D77	DG Set (For IT Load Only)	Number	Actual quantity arrived for the solution (please specify)						
D78	IBMS	Lump sum	1						
D79	Air Conditioning for City Operations Room	Number	Actual quantity arrived for the solution (please specify)						
D80	Comfort Air Conditioning	Number	Actual quantity arrived for						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			the solution (please specify)						
D81	UPS with Battery backup of 1 hour	Number	Actual quantity arrived for the solution (please specify)						
D82	Access Control System	Lump sum	1						
D83	Electrical and power cabling	Lump sum	1						
D84	Electrical Cabling & Necessary Illumination Devices	Lump sum	1						
D85	LAN and CAT-6 cabling	Lump sum	1						
D86	Public Address System	Lump sum	1						
D87	Fire & Smoke Detection System	Lump sum	1						
D88	Fixed Dome Cameras	Number	12						
D89	Furniture for City Operations Room Operator Desks	Number	15						
D90	Furniture for City Operations Room Manager's Desk	Number	1						
D91	Furniture for City Operations Room meeting table and chairs	Number	1						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D92	Furniture for Meeting Room meeting table and chairs	Number	1						
D93	Furniture for Contact Center Operator Desks	Number	4						
D94	Furniture for Security Room Desks	Number	2						
D95	Furniture for Help Desk Team	Number	2						
D96	Furniture for Technical Support Team Desks	Number	8						
D97	Furniture for War Room	Number	1						
D98	Services for DTH Subscription	Number	1						
D99	Services for SMS Gateway	Number	1						
D100	Services for PRI Lines	Number	1						
D101	Civil Work (Raised Floor, False Ceiling, Ducting, Access Doors, Painting, Partitioning etc.) 1. City Operations Room (7000 Sq. Feet) 2. Meeting Room (500 Sq. Feet) 3. Contact Centre Room (500 Sq.	Lump sum	1						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	Feet)								
4.	Technical Support Room / Help Desk (750 Sq. Feet)								
5.	War Room (300 Sq. Feet)								
6.	NOC Room (400 Sq. Feet)								
7.	Utility Room (AHU + UPS + Battery) (600 Sq. Feet)								
8.	Security Room (150 Sq. Feet)								
9.	Entrance Room (Reception Area) (150 Sq. Feet)								
10.	Electrical Room (700 Sq. Feet)								
11.	Storage Area (300 Sq. Feet)								
12.	Washrooms (300 Sq. Feet)								
13.	Pantry (200 Sq. Feet)								
14.	Entrance Facility								

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
	Room (500 Sq. Feet) 15. Conference Room (300 Sq. Feet)								
D102	Switches/Router	Number	Actual quantity arrived for the solution (please specify)						
D103	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)						
D104	Server side Infra	Number	Actual quantity arrived for the solution (please specify)						
D105	Storage	Number	Actual quantity						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
			arrived for the solution (please specify)						
D106	Security Infra	Number	Actual quantity arrived for the solution (please specify)						
D107	DRM (DC-DR Sync) Software	Number	Actual quantity arrived for the solution (please specify)						
D108	LED Display-55"	Number	2						
D109	Monitoring Workstations	Number	2						
D110	Network Laser Printer (Monochrome)	Number	2						
D111	IP Phones	Number	2						
D112	Switches	Number	Actual quantity arrived for the solution (please specify)						

Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City

Sl. #	Components	Unit of Measurement	Quantity Proposed	Year 1 (in Indian Rupees)	Year 2 (in Indian Rupees)	Year 3 (in Indian Rupees)	Year 4 (in Indian Rupees)	Year 5 (in Indian Rupees)	Total (Incl. of all taxes)
D113	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)						
D114	Networking Cost (Passive Components)	Lump sum	Actual quantity arrived for the solution (please specify)						
D115	Electrical Cabling & Necessary Illumination Devices	Lump sum	Actual quantity arrived for the solution (please specify)						
D116	Office Workstations (Furniture and Fixtures)	Number	2						
D117	Comfort AC	Number	2						
D118	UPS (1 KV with 30 Minutes backup)	Number	2						
	Total OPEX price								

Total OPEX Price in Indian Rupees (in words) - _____

9 **Annexure 5 A: Format for Performance Bank Guarantee**

[On Appropriate Stamp Paper]

Bank Guarantee No. _____

THIS DEED OF GUARANTEE is executed on this [insert date] day of [insert month and year] at [insert place] by [insert name of bank] with its head/registered office at [insert address], (hereinafter referred to as the Guarantor, which expression shall unless it is repugnant to the subject or context thereof include successors and assigns)

IN FAVOUR OF:

RAIPUR SMART CITY LIMITED, a company incorporated under the (Indian) Companies Act, 2013, with its registered office at _____ (hereinafter referred to as RSCL, which expression shall, unless it be repugnant to the context or meaning thereof, include its successors-in-title and permitted assigns);

WHEREAS:

- A. RSCL has entered into a contract for providing Implementation services dated [insert date] (the **Contract**) with [insert name of Master System Integrator], a company/firm [incorporated/registered] under the [insert name of the relevant statute under which the Master System Integrator has been incorporated or registered, as the case may be], [with its [registered/principal] office at [_____]] (hereinafter referred to as the **Master System Integrator**, which expression shall, unless it be repugnant to the context or meaning thereof, include its successors-in-title and permitted assigns).
- B. In terms of the Contract, the Master System Integrator has agreed to provide the Implementation Services for Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City, which involve the use of technology, information and data to improve infrastructure and services within the city of Raipur (the **ICCC Project**), to implement the Smart Cities Mission in Raipur, pursuant to the Request for Proposal dated [___] (referred to as the **RFP**) and other related documents including without limitation the draft Contract (collectively referred to as **Bid Documents**).
- C. In terms of the letter of award (the LOA) dated [insert date] issued by Client to the Master System Integrator and **Clause I** of the Contract, the Master System Integrator is required to furnish to RSCL, an unconditional, irrevocable, on demand bank guarantee for an amount equivalent to Rs. [_____] [Insert amount equivalent to 10% of the Total Value of Contract] (the **Guaranteed Amount**) as security for the due and punctual performance or discharge of the Master System Integrator's obligations and liabilities under the Contract.
- D. At the request of the Master System Integrator and for sufficient consideration, the Guarantor has agreed to provide an unconditional, irrevocable and on-demand bank guarantee, for the due and punctual performance or discharge by the Master System Integrator of its obligations and liabilities under the Contract.

NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS:

1. Capitalised terms used herein but not defined shall have the meaning ascribed to them in the Contract.

2. The Guarantor hereby irrevocably and unconditionally guarantees and secures, as primary obligor and not merely as guarantor, to RSCL the payment in full of all amounts at any time that may be due, owing or payable to RSCL from the Master System Integrator for the failure of the Master System Integrator to duly and punctually perform all of its obligations under the Contract during the term **(Guarantee)**, without any demur, reservation, protest or recourse, immediately on receipt of a demand from RSCL.

The Guarantee is given on consideration received from the Master System Integrator (the receipt and sufficiency of which is hereby acknowledged).

The Guarantor agrees that the value of the Guarantee shall at all times be maintained at the amount equivalent to the Guaranteed Amount.

The Guarantor further agrees that this Guarantee does not limit the number of claims that may be made by RSCL against the Guarantor. Upon a payment being made under this Guarantee, the amount of the Guarantee shall automatically be replenished to the full Guaranteed Amount.

Any payment made hereunder shall be made free and clear of and without deduction for, or on account of, any present or future Taxes, deductions or withholdings of any nature whatsoever and by whomsoever imposed, and where any withholding on a payment is required by any Applicable Law, the Guarantor shall comply with such withholding obligations and shall pay such additional amount in respect of such payment such that RSCL receives the full amount due hereunder as if no such withholding had occurred.

3. The Guarantor shall not go into the veracity of any breach or failure on the part of the Master System Integrator or validity of demand so made by RSCL and shall pay the amount specified in the demand notwithstanding any direction to the contrary given or any dispute whatsoever raised by the Master System Integrator or any other Person. The Guarantor's obligations hereunder shall subsist until all such demands are duly met and discharged in accordance with the provision hereof.
4. The obligations of the Guarantor herein are absolute and unconditional, irrespective of the value, genuineness, validity, regularity or enforceability of the Contract or the insolvency, bankruptcy, re-organisation, dissolution or liquidation of the Master System Integrator or any change in ownership of the Master System Integrator or any purported assignment by the Master System Integrator or any other circumstance whatsoever, which might otherwise constitute a discharge or defence of a guarantor or a surety.

Further, this Guarantee is in no way conditional upon any requirement that RSCL shall first attempt to procure the Guaranteed Amount from the Master System Integrator or any other Person, or resort to any other means of obtaining payment of the Guaranteed Amount.

5. In order to give effect to this Guarantee, RSCL shall be entitled to treat the Guarantor as the principal debtor. The obligations of the Guarantor under this Guarantee shall not be affected by any act, omission, matter or thing which, but for this provision, would reduce, release or prejudice the Guarantor from any part of the Guaranteed Amount or prejudice or diminish the Guaranteed Amount in whole or in part, including, whether or not known to it, or RSCL:
 - a. any time or waiver granted to, or composition with, the Master System Integrator or any other Person;
 - b. any incapacity or lack of powers, authority or legal personality of or dissolution or change in the status of the Master System Integrator or any other Person;

- c. any variation of the Contract so that references to the Contract in this Guarantee shall include each variation;
 - d. any unenforceability, illegality or invalidity of any obligation of any Person under the Contract or any unenforceability, illegality or invalidity of the obligations of the Guarantor under this Guarantee or the unenforceability, illegality or invalidity of the obligations of any Person under any other document or Guarantee, to the extent that each obligation under this Guarantee shall remain in full force as a separate, continuing and primary obligation, and its obligations be construed accordingly, as if there was no unenforceability, illegality or invalidity;
 - e. the partial or entire release of any Guarantor or other Person primarily or secondarily liable or responsible for the performance, payment or observance of any of the Master System Integrator's obligations during the term of the Contract; or by any extension, waiver, or amendment whatsoever which may release a guarantor or the Guarantor, other than performance or indefeasible payment of the Guaranteed Amount; or
 - f. any part performance of the Contract by the Master System Integrator or by any failure by RSCL to timely pay or perform any of its obligations under the Contract.
6. If, and to the extent that for any reason the Master System Integrator enters or threatens to enter into any proceedings in bankruptcy or re-organisation or otherwise, or if, for any other reason whatsoever, the performance or payment by the Master System Integrator of the Guaranteed Amount becomes or may reasonably be expected to become impossible, then the Guaranteed Amount shall be promptly paid by the Guarantor to RSCL on demand.
7. So long as any amount is due from the Master System Integrator to RSCL, the Guarantor shall not exercise any right of subrogation or any other rights of a guarantor or enforce any guarantee or other right or claim against the Master System Integrator, whether in respect of its liability under this Guarantee or otherwise, or claim in the insolvency or liquidation of the Master System Integrator or any such other Person in competition with RSCL. If the Guarantor receives any payment or benefit in breach of this clause 7, it shall hold the same upon trust for RSCL.
8. This Guarantee shall remain in full force and effect from the date hereof until 60 days beyond issuance of the Completion Certificate.

Notwithstanding the foregoing, this Guarantee shall continue in effect until the sums payable under this Guarantee have been indefeasibly paid in full and the Guarantor receives written notice thereof from RSCL, such notice to be issued promptly upon such occurrence.

9. The Guarantor represents and warrants to RSCL that:
 - a. it has the power to execute, deliver and perform the terms and provisions of this Guarantee and has taken all necessary action to authorise the execution, delivery and performance by it of this Guarantee;
 - b. the Guarantor has duly executed and delivered this Guarantee, and this Guarantee constitutes its legal, valid and binding obligation enforceable in accordance with its terms except as the enforceability thereof may be limited by applicable bankruptcy, insolvency, moratorium or other similar laws affecting the enforcement of creditors' rights generally and by general equitable principles;
 - c. neither the execution, delivery or performance by the Guarantor of this Guarantee, nor compliance by it with the terms and provisions hereof will: (i) contravene any material provision of any Applicable Law; (ii) conflict or be inconsistent with or

result in any breach of any of the material terms, covenants, conditions or provisions of, or constitute a default under any agreement, contract or instrument to which the Guarantor is a party or by which it or any of its property or assets is bound; or (iii) violate any provision of the Guarantor's constituent documents;

- d. no order, consent, approval, license, authorisation or validation of, or filing, recording or registration with, except as have been obtained or made prior to the date hereof, or exemption by, any governmental or public body or authority, or any subdivision thereof, is required to authorise, or is required in connection with: (i) the execution, delivery and performance of this Guarantee; or (ii) the legality, validity, binding effect or enforceability of this Guarantee; and
 - e. this Guarantee will be enforceable when presented for payment to the Guarantor's branch in Raipur at [_____].
10. This Guarantee is a continuing one and all liabilities to which it applies or may apply under the terms hereof shall be conclusively presumed to have been created in reliance hereon. No failure or delay on the part of RSCL in exercising any right, power or privilege hereunder and no course of dealing between RSCL and the Guarantor, or the Master System Integrator, shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.
11. The rights, powers and remedies expressly provided in this Guarantee are cumulative and not exclusive of any rights, powers or remedies which RSCL would otherwise have. No notice to or demand on the Guarantor in any case shall entitle the Guarantor to any other further notice or demand in similar or other circumstances or constitute a waiver of the rights of RSCL to any other or further action in any circumstances without notice or demand.
12. If any one or more of the provisions contained in this Guarantee are or become invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby, and the Guarantor shall enter into good faith negotiations with RSCL to replace the invalid, illegal or unenforceable provision.
13. The Guarantor hereby agrees to execute and deliver all such instruments and take all such actions as may be necessary to make effective fully the purposes of this Guarantee.
14. This Guarantee may be executed in one or more duplicate counterparts, and when executed and delivered by the Guarantor and RSCL shall constitute a single binding agreement.
15. RSCL may assign or transfer all or any part of its interest herein to any other person with prior written notice to the Guarantor. The Guarantor shall not assign or transfer any of its rights or obligations under this Guarantee.
16. All documents arising out of or in connection with this Guarantee shall be served:
- a. upon RSCL, at [insert address]; and
 - b. upon the Guarantor, at [insert address].
17. Any demand, notice or communication would have been deemed to have been duly served:
- a. if delivered by hand, when left at the proper address of services; and
 - b. if given or made by pre-paid registered post or facsimile, when received.
18. Either party may change the above address by prior written notice to the other party.

19. This Guarantee shall be governed by, and construed in accordance with, the laws of India. The Guarantor irrevocably agrees that any dispute arising out of or relating to this Guarantee may be brought in the courts in Chhattisgarh.

IN WITNESS WHEREOF the Guarantor has set its hands hereunto on the day, month and year first hereinabove written.

Signed and delivered by [insert name of Bank] Bank, by [insert name of branch] Branch by hand

**Of [insert name of signatory]
It's [insert designation] and duly authorized representative
Authorized by [Power of Attorney dated [insert date]] OR [Board resolution dated [insert date]].**

10 Annexure 5 B: Format of Earnest Money Deposit

Date: dd/mm/yyyy

To,
Managing Director,
Raipur Smart City Limited,
Near Indoor stadium, Budhatalab, Raipur-492001,
Chhattisgarh.

Whereas M/s <<Name of Bidder>>, a company incorporated under the <<Act>>, its registered office at or (hereinafter called 'the Bidder') has submitted its Proposal dated ----- for "Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City"

KNOW ALL MEN by these presents that WE <<Name of Bank>> of ----- having our registered office at ----- (hereinafter called "the Bank") are bound unto the Raipur Smart City Limited (hereinafter called "the Client") in the sum of Rs. 3,00,00,000 (Rupees Three Crores Only) for which payment well and truly to be made to the said Client, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this ----- day of -----2017

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid
2. If the Bidder, having been notified of the acceptance of its Proposal by the Client during the period of validity of Proposal, bidder:
 - a. withdraws his participation from the Proposal during the period of validity of Proposal document;
 - b. fails to extend the validity if required and as requested or
 - c. fails to produce Performance Bank Guarantee in case of award of tender within 15 days of award of LOI or awarding contract whichever is earlier

We undertake to pay to the Client up to the above amount upon receipt of its first written demand, without the Client having to substantiate its demand, provided that in its demand the Client will note that the amount claimed by it is due to it owing to the occurrence of one or any or a combination of the above conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to the period of bid validity and its validity should be extensible to 90 days beyond the bid validity date. Any demand in respect thereof should reach the Bank not later than the above date.

(Authorized Signatory of the Bank)

11. Annexure 6 – Non-Disclosure Agreement

WHEREAS, we the undersigned Bidder, _____, having our principal place of business or registered office at _____, are desirous of bidding for RFP No. <<>> dated <<DD-MM-YYYY>> “Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City” (hereinafter called the said 'RFP') to the “Raipur Smart City Limited”, hereinafter referred to as 'Authority'

And,

WHEREAS, the Bidder is aware and confirms that the Authority's business or operations, information, application or software, hardware, business data, architecture schematics, designs, storage media and other information or documents made available by the Authority in the RFP documents during the bidding process and thereafter, or otherwise (confidential information for short) is privileged and strictly confidential and or proprietary to the Authority,

NOW THEREFORE, in consideration of disclosure of confidential information, and in order to ensure the Authority's grant to the Bidder of specific access to Authority's confidential information, property, information systems, network, databases and other data, the Bidder agrees to all of the following conditions.

It is hereby agreed as under:

1. The confidential information to be disclosed by the Authority under this Agreement (“Confidential Information”) shall include without limitation, any and all information in written, representational, electronic, verbal or other form relating directly or indirectly to processes, methodologies, algorithms, risk matrices, thresholds, parameters, reports, deliverables, work products, specifications, architecture, project information, security or zoning strategies & policies, related computer programs, systems, trend analysis, risk plans, strategies and information communicated or obtained through meetings, documents, correspondence or inspection of tangible items, facilities or inspection at any site to which access is permitted by the Authority.
2. Confidential Information does not include information which:
 - a. the Bidder knew or had in its possession, prior to disclosure, without limitation on its confidentiality;
 - b. information in the public domain as a matter of law;
 - c. is obtained by the Bidder from a third party without any obligation of confidentiality;
 - d. the Bidder is required to disclose by order of a competent court or regulatory authority;
 - e. Is released from confidentiality with the written consent of the Authority.

The Bidder shall have the burden of proving hereinabove are applicable to the information in the possession of the Bidder.

3. The Bidder agrees to hold in trust any Confidential Information received by the Bidder, as part of the Tendering process or otherwise, and the Bidder shall maintain strict confidentiality in respect of such Confidential Information, and in no event a degree of confidentiality less than the Bidder uses to protect its own confidential and proprietary information. The Bidder also agrees:
 - a. to maintain and use the Confidential Information only for the purposes of bidding for this RFP and thereafter only as expressly permitted herein;
 - b. to only make copies as specifically authorized by the prior written consent of the Authority and with the same confidential or proprietary notices as may be printed or displayed on the original;
 - c. to restrict access and disclosure of Confidential Information to their employees, agents, consortium members and representatives strictly on a "need to know" basis, to maintain confidentiality of the Confidential Information disclosed to them in accordance with this clause; and
 - d. To treat Confidential Information as confidential unless and until Authority expressly notifies the Bidder of release of its obligations in relation to the said Confidential Information.
4. Notwithstanding the foregoing, the Bidder acknowledges that the nature of activities to be performed as part of the Tendering process or thereafter may require the Bidder's personnel to be present on premises of the Authority or may require the Bidder's personnel to have access to software, hardware, computer networks, databases, documents and storage media of the Authority while on or off premises of the Authority. It is understood that it would be impractical for the Authority to monitor all information made available to the Bidder's personnel under such circumstances and to provide notice to the Bidder of the confidentiality of all such information.

Therefore, the Bidder shall disclose or allow access to the Confidential Information only to those personnel of the Bidder who need to know it for the proper performance of their duties in relation to this project, and then only to the extent reasonably necessary. The Bidder will take appropriate steps to ensure that all personnel to whom access to the Confidential Information is given are aware of the Bidder's confidentiality obligation. Further, the Bidder shall procure that all personnel of the Bidder are bound by confidentiality obligation in relation to all proprietary and Confidential Information received by them which is no less onerous than the confidentiality obligation under this agreement.

5. The Bidder shall establish and maintain appropriate security measures to provide for the safe custody of the Confidential Information and to prevent unauthorized access to it.
6. The Bidder agrees that upon termination or expiry of this Agreement or at any time during its currency, at the request of the Authority, the Bidder shall promptly deliver to the Authority the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information and promptly certify such destruction.
7. Confidential Information shall at all times remain the sole and exclusive property of the Authority. Upon completion of the Tendering process and or termination of the contract or at any time during its currency, at the request of the Authority, the Bidder shall promptly deliver to the

Authority the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information within a period of sixty days from the date of receipt of notice, or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of the Authority. Without prejudice to the above the Bidder shall promptly certify to the Authority, due and complete destruction and return. Nothing contained herein shall in any manner impair rights of the Authority in respect of the Confidential Information.

8. In the event that the Bidder hereto becomes legally compelled to disclose any Confidential Information, the Bidder shall give sufficient notice and render best effort assistance to the Authority to enable the Authority to prevent or minimize to the extent possible, such disclosure. Bidder shall not disclose to a third party any Confidential Information or the contents of this RFP without the prior written consent of the Authority. The obligations of this Clause shall be satisfied by handling Confidential Information with the same degree of care, which the Bidder applies to its own similar Confidential Information but in no event less than reasonable care.

For and on behalf of:

(BIDDER)

Authorised Signatory

Name:

Designation:

Office Seal:

Place:

Date:

12 Annexure 7 - Format for Power of Attorney to Authorize Signatory

Whereas the Raipur Smart City Limited has invited applications from interested parties for the Selection of “Request for Proposal (RFP) for Selection of Master System Integrator for Implementation of Intelligent Traffic Management System (ITMS), City Surveillance System and Integrated Command and Control Centre (ICCC) in Raipur City”.

Whereas,, and (Collectively “Consortium”) being Members of the Consortium are interested in bidding for the Project in accordance with the terms and conditions of the Request for Proposal (RFP document) and other connected documents in respect of the Project, and

Whereas, it is necessary for the Members of the Consortium to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Consortium, all acts, deeds and things as may be necessary in connection with the Consortium’s bid for the Project and its execution.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS

We, Having our Registered office at,

M/s,..... Having our Registered office at,

M/s,..... Having our Registered office at,

(hereinafter collectively referred to as the “Principals”) do hereby irrevocably designate, nominate, constitute, appoint and authorize M/s. having its registered office at, being one of the Members of the Consortium, as the Lead Member and true and lawful attorney of the Consortium (hereinafter referred to as the “Attorney”). We hereby irrevocably authorize the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Consortium and any one of us during the bidding process and, in the event the Consortium is awarded the concession/contract, during the execution of the Project and in this regard, to do on our behalf and on behalf of the Consortium, all or any of such acts, deeds or things as are necessary or required or incidental to the pre-qualification of the Consortium and submission of its bid for the Project, including but not limited to signing and submission of all applications, bids and other documents and writings, participate in bidders and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the bid of the Consortium and generally to represent the Consortium in all its dealings with the RSCL, and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Consortium’s bid for the Project and/ or upon award thereof till the Concession Agreement is entered into with the RSCL.

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Consortium.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF, 20....

For

(Signature)

.....

(Name & Title)

For

(Signature)

.....

(Name & Title)

For

(Signature)

.....

(Name & Title)

Witnesses:

- 1.
- 2.

(Executants)

(To be executed by all the Members of the Consortium)

Notes:

- *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 executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- *Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.*
- *For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostle certificate.*

13 Annexure 8: Format of Agreement Between Bidder and their parent company / subsidiary / Sister Concern company (As the case may be)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

This agreement made this ___ day of ___ month ___ year by and between M/s. _____ (Fill in the Bidder's full name, constitution and registered office address) hereinafter referred to as bidder on the first part and M/s. _____ (Fill in full name, constitution and registered office address of Parent Company/Subsidiary / Sister Concern Company, as the case may be) hereinafter referred to as "Parent Company/ Subsidiary Company/ Sister Concern Company (Delete whichever not applicable)" of the other part:

WHEREAS

Raipur Smart City Limited (hereinafter referred to as RSCL) has invited offers vide their tender No. _____ for _____ and

M/s. _____ (Bidder) intends to bid against the said tender and desires to have technical support of M/s. _____ [Parent Company/ Subsidiary Company/ Sister Concern Company- (Delete whichever not applicable)] and whereas Parent Company/ Subsidiary Company/ Sister Concern Company (Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the bidder for successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed to by and between the parties as follows:

1. M/s. _____ (Bidder) will submit an offer to RSCL for the full scope of work as envisaged in the tender document as a main bidder and liaise with RSCL directly for any clarifications etc. in this context.
2. M/s. _____ (Parent Company/ Subsidiary Company/ Sister Concern Company (Delete whichever not applicable) undertakes to provide technical support and expertise, expert manpower and procurement assistance and project management to support the bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the Parent Company/Subsidiary Company/Sister Concern Company (Delete whichever not applicable) and accepted by the bidder.
3. This agreement will remain valid till validity of bidder's offer to RSCL including extension if any and till satisfactory performance of the contract in the event the contract is awarded by RSCL to the bidder.
4. It is further agreed that for the performance of work during contract period bidder and Parent Company/Subsidiary Company/Sister Concern Company (Delete whichever not applicable) shall be jointly and severally responsible to RSCL for satisfactory execution of the contract.
5. However, the bidder shall have the overall responsibility of satisfactory execution of the contract awarded by RSCL.

In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of _____ (Bidder) Signature: Name:	For and on behalf of _____ (Parent/subsidiary/sister concern company) Signature:
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<p>Designation:</p> <p>Witness 1:</p> <p>Signature: Full name: Address:</p> <p>Witness 2:</p> <p>Signature: Full name: Address:</p>	<p>Name: Designation:</p> <p>Witness 1:</p> <p>Signature: Full name: Address:</p> <p>Witness 2:</p> <p>Signature: Full name: Address:</p>
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14 Annexure 9: Format of Parent company / Subsidiary / Sister Concern company Guarantee

(As the case may be)

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s (mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office at hereinafter called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS

- A. Raipur Smart City Limited, a statutory body under _____, having its Registered Office at _____, hereinafter called "RSCL" which expression shall unless excluded by or repugnant to the context thereof, be deemed to include its successor and assigns, invited tender number for on
- B. M/s (mention complete name), a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office at (give complete address) hereinafter called "the Company" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successor and permitted assigns, have, in response to the above mentioned tender invited by RSCL, submitted their bid number to RSCL with one of the condition that the Company shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance of the work covered under the said tender including any change therein as may be deemed appropriate by RSCL at any stage.
- C. The Guarantor represents that they have gone through and understood the requirement of the above said tender and are capable of and committed to provide technical and such other supports as may be required by the Company for successful execution of the same.
- D. The Company and the Guarantor have entered into an agreement dated as per which the Guarantor shall be providing technical and such other supports as may be necessary for performance of the work relating to the said tender.
- E. Accordingly, at the request of the Company and in consideration of and as a requirement for RSCL to enter into agreement(s) with the Company, the Guarantor hereby agrees to give this guarantee and undertakes as follows:
 1. The Guarantor (Parent Company / 100% Subsidiary Company/ Sister Concern (Delete whichever not applicable) unconditionally agrees that in case of non-performance by the Company of any of its obligations in any respect, the Guarantor shall, immediately on receipt of notice of demand by RSCL, take up the job without any demur or objection, in continuation and without loss of time and without any cost to RSCL and duly perform the obligations of the Company to the satisfaction of RSCL.
 2. The Guarantor agrees that the Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Company.
 3. The Guarantor shall be jointly with the Company and also severally responsible for satisfactory performance of the contract entered between the Company and RSCL.

4. The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Company and RSCL. This will, however, be in addition to the forfeiture of the Performance Bank Guarantee furnished by the Company.

5. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and effect all the governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection therewith or for the due performance of the Guarantor's obligations hereunder.

6. The Guarantor also agrees that this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of Raipur, Chhattisgarh.

7. The Guarantor hereby declares and represents that this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.

8. The Guarantor hereby agrees that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between RSCL and the Bidder Company shall in any way release Guarantor from any liability under this guarantee and Guarantor hereby waive notice of any such change, addition or modification.

9. The Guarantor represents and confirms that the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

For and on behalf of _____ (name of the Parent Company/Subsidiary/Sister Concern company)

Signature: _____

Name: _____

Designation: _____

Common seal of the guarantor company:

Witness 1:

Signature: _____

Full Name: _____

Address: _____

Witness 2:

Signature: _____

Full Name: _____

Address: _____

INSTRUCTIONS FOR FURNISHING PARENT/SUBSIDIARY/SISTER CONCERN COMPANY GUARANTEE

1. Guarantee should be executed on stamp paper of requisite value and notarised.
2. The official(s) executing the guarantee should affix full signature (s) on each page.
3. Resolution passed by Board of Directors of the guarantor company authorizing the signatory (ies) to execute the guarantee, duly certified by the Company Secretary should be furnished along with the Guarantee.
4. Following certificate issued by Company Secretary of the guarantor company should also be enclosed along with the Guarantee.

“Obligation contained in the deed of guarantee No._____ furnished against tender No. _____ are enforceable against the guarantor company and the same do not, in any way, contravene any law of the country of which the guarantor company is the subject”