

**REQUEST FOR PROPOSAL
FOR
SELECTION OF SYSTEM INTEGRATOR FOR IMPLEMENTATION
OF
PAN-CITY ICT COMPONENTS FOR WARANGAL SMART CITY**

VOLUME-I: INSTRUCTION TO BIDDERS

RFP No.: 3/SI/GWSCCL/2017

Dated: November, 2017



**GOVERNMENT OF TELANGANA
GREATER WARANGAL SMART CITY
CORPORATION LTD**

**PMC Consultants
LEA Associates South Asia Pvt. Ltd
in Consortium with
PricewaterhouseCoopers Pvt. Ltd.**



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 Greater Warangal Smart City Corporation Limited (henceforth referred to as “**GWSCCL**” 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 GWSCCL 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, GWSCCL 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. GWSCCL accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein.

GWSCCL 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.

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

Important Dates

S. No.	Activity	Deadline
1	Release of RFP	15/11/2017
2	Pre-bid Meeting date	22/11/2017
3	Last date of receipt of queries on RFP	22/11/2017
4	Last date for submission of Bids	06/12/2017
5	Date of opening of Pre-qualification bids	06/12/2017
6	Date of opening of Commercial bids	To be notified later

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Definitions/Acronyms

Terms	Meaning
BOM	Bill of Material
BEC	Bidders Evaluation Committee
CC	Capital Cost
CCTV	Closed Circuit Television
CEO	Chief Executive Officer
DD	Demand Draft
EMD	Earnest Money Deposit
GIS	Geographical Information Systems
GPS	Global Positioning System
HOD	Head of Department
ICCC	Integrated Control and Command Center
ICT	Information and Communication Technology
IOT	Internet of Things
Indian Rupees	Indian Rupee
LoI	Letter of Intent
MoU	Memorandum of Understanding
MSI	Master System Integrator
NPV	Net Present Value
OEM	Original Equipment Manufacture
O&M	Operations & Maintenance
PBG	Performance Bank Guarantee
PDD	Proposal Due Date
PoC	Proof of Concept
PQ	Pre-Qualification
RFP	Request for Proposal
PV	Present Value
SCM	Smart Cities Mission
SCP	Smart City Proposal
SI	System Integrator
SLA	Service Level Agreement
SOP	Standard Operating Procedures
TQ	Technical Qualification
TRV	Total Revenue
TSFL	Telangana State Fiber Corporation Limited
UAT	User Acceptance Testing
VM	Virtual Machine

1 Introduction

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

The city of Warangal 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 Warangal includes the smart city solutions which involve the use of technology, information and data to improve infrastructure and services within the city of Warangal (The Smart Solutions Projects).

The Client- Greater Warangal Smart City Corporation Limited (GWSCCL) now intends to select a Master System Integrator to design and assist the Client in implementing the Implementation of Intelligent Transit Management System, City Surveillance System, Area Traffic Control System, Smart Parking Management & Integrated Control and Command Centre (ICCC) in Warangal city as one of the smart solutions.

1.1 Introduction to Greater Warangal Smart City Project

Greater Warangal Municipal Corporation is one of the fast track cities selected by MoUD under Smart Cities Mission to implement technology components in Pan-City and the demarcated ABD area.

This Smart City Project envisages deployment of following components in GWMC jurisdiction spanning three cities Kazipet, Hanamkonda and Warangal to achieve the objectives:

- Installation of ICCC and Integration of the same with Traffic Management, ITMS, Parking, Surveillance, Network connectivity, E-Governance and City portal and future systems envisaged such as SCADA, Smart Payments Intelligent Transit Management with component such as VTU, Automatic Fare Collection, Fleet asset management, etc. This also includes the tracking of all municipal vehicles, Fire Buses and Ambulances
- Smart Parking Management: Providing adequate parking facility integrated with the ICCC
- Intelligent Traffic Management: ITM will help to maintain the traffic along the main junctions along with that it will help in better enforcement of traffic rule
- Safety & Security: Installation of CCTV camera for enhancing safety & security across the city
- City Communication Backbone: City wide availability of bandwidth to run the municipal services along with capturing and transmission of data for the surveillance
- Common payment and Service platform: All the municipal services will be integrated into one solution and will be presented to the citizen as a one city one app. This project will be taken up separately

The smart city proposal of Warangal 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 Warangal.

- Availability of all municipal services at the finger tip of the citizens
- Improved management of utilities and quantification of services

- Availability of adequate parking facilities with IoT based information
- Enhanced traffic enforcement and management
- Enhanced safety and security
- Real time asset management
- Unified operations through integration of urban functions offered by the city administration

1.2 RFP Format

The intent of this RFP is to invite bids from the Bidders for Implementation of Pan-City ICT Components for Warangal Smart City.

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.

1.3 Fact sheet

S. No.	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	Download from www.tender.telangana.gov.in (use Internet Explorer only)
3	Date of RFP Issuance	15/11/2017
4	Tender document fee (Non-refundable and Not –exempted)	Indian Rupees 50,000 (Indian Rupees Fifty Thousand only) in favor of CEO, Greater Warangal Smart City Corporation Limited
5	Bid Security/Earnest Money Deposit (EMD)	Indian Rupees 1.5 Crores (Indian Rupees One Crore Fifty Lakhs only) by Bank Guarantee (as per format attached in Annexure 5(b))
6	Pre-Bid Conference time, date, & venue	<i>[15:00 HRS], 22/11/2017, D-Block, Meeting Hall, 1st Floor Secretariat, Hyderabad</i>

7	Posting of responses to queries (on website)	www.tender.telangana.gov.in
8	Last Date and time for Bid submission (On or before)	06/12/2017, [1500 HRS]
9	Date, time for opening of Pre-Qualification Bids	06/12/2017, [1600 HRS]
10	Bid validity	<i>Bid must remain valid up to 180 (One Hundred & Eighty) days from the actual date of submission of the Bid.</i>
11	Currency	Currency in which the Bidders may quote the price will receive payment in Indian Rupees only
12	Name and Address for Correspondence	Greater Warangal Smart City Corporation Limited, Warangal warangalscp@gmail.com

2 Instruction to Bidders

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.
- d. Bids shall be received by the Authority on the e-Procurement portal www.tender.telangana.gov.in before the time and date specified in the schedule of the tender notice. In the event of the specified date for the submission of tender offers being declared a public holiday by the Government of Telangana State, the offers will be received up to the appointed time on the next working day. The Authority may, at its discretion, extend this deadline for submission of offers by issuing corrigendum and uploading the same on e-Procurement portal.
- e. The bidder shall submit within 3 days of online submission, complete and sealed proposal (excluding Commercial bid) in the hard copy format to authority signed by the authorized signatory of bidder, which should match with the bid submitted online.
- f. Telex, cable or facsimile offers will be rejected.

2.1 Eligible Bidders

Sole 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 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

	<ul style="list-style-type: none"> 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 directly or indirectly or through any of their affiliates 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. Identify 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 (GWSCCL) only.
- vii. The final contract between the consortium members (The Consortium Contract) would be available for legal vetting and open to suggestions by the GWSCCL. GWSCCL 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 GWSCCL. 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 GWSCCL as it can affect an important public service. Such unilateral action by the MSI shall entitle GWSCCL 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 GWSCCL'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 GWSCCL 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. GWSCCL 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 organization 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 Section 5 - Annexure I

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.
- Tender Fee of Indian Rupees 50,000/- (Rupees Fifty Thousand) shall be paid online through e-Procurement portal. The tender fee shall be non-refundable.
- Without the payment of tender fee the bids will be taken as incomplete and non-responsive and shall not be considered.
- Receipt or Copy of RFP Document Fee should accompany the Bid proposal response document.

2.8 Earnest Money Deposit (EMD) / Bid Security

The bidder should also submit an EMD of Indian Rupees 1.5 Crore (Rupees One Crore Fifty Lakh only) in the form of Demand Draft or the form of Bank Guarantee from a nationalized or scheduled bank in India. The validity for the EMD would be 60 days beyond the original validity period of the bid. No exemption for submitting the EMD will be given to any agency. EMD 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 the bid in writing, it will be deemed to be valid until such time that the Bidder formally (in writing) withdraws the bid.

2.10 Contents of Bid

The three bid system shall be followed. Technical and Commercial Bids shall be uploaded separately through the e - Procurement portal.

Document Set	Name of Document	Content
One	RFP Document fee & Earnest Money Deposit	a. RFP Document Fee receipt b. Earnest Money (EMD) Deposit (EMD) receipt
Two	Pre-Qualification Bid	a. Pre-Qualification Bid as per Section 6.1 and 6.2 along with the required supporting documents. b. No Deviation Certificate as per Section 6.5 c. Total Responsibility d. Declaration as per Section 6.6
Three	Technical Bid	Technical Bid
Four	Commercial Bid	Commercial Bid

- Please note that Prices should NOT be indicated in the Technical Bid but should only be indicated in the Commercial Bid.
- All the pages of the bid must be sequentially numbered. The bid documents must contain in the beginning of the document, a list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bid.
- The original bid shall be prepared in indelible ink. It shall contain no interlineations or overwriting, except as necessary to correct errors made by the Bidder itself. Any such corrections must be initialed by the person (or persons) who sign(s) the bids.
- All pages of the bid shall be initialed and stamped by the person (or persons) who sign the bid.
- Failure to submit the bid before the submission deadline specified in the Fact Sheet would cause a bid to be rejected.
- Authority will not accept delivery of bid by fax, e-mail or in person.

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.	Consortium Agreement	As per format provided in Annexure 7 of Volume 1
4.	About Bidder	As per format provided in Annexure 2 section 6.3
5.	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 – SI # 1</i></p>
6.	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 – SI # 2</i></p>
7.	Net worth	<p>Certificate from the Statutory auditor/ CA clearly specifying the net worth of the firm</p>

Section #	Section Heading	Details
		<i>As per Pre-qualification criteria – SI # 3</i>
8.	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> <p>As per Pre-qualification criteria – SI # 4, 5, and 6</p> <p>Citation details of projects as per format in Section 7.4 and 6.7 as applicable.</p>
9.	Undertaking for non- blacklisting clause	<p>Undertaking by the authorized signatory as per format</p> <p><i>As per Pre-qualification criteria – SI # 5</i></p>
10.	Bidder Certifications for establishment of Project Office in Warangal	<p>Undertaking to open Office in Warangal 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</p> <p>As per Pre-qualification criteria – SI # 8</p>
11.	Power of Attorney	Documentary evidence as per format provided in Annexure 8 and 9
12.	No Deviation Certificate	As per format provided in section 6.5
13.	Total responsibility certificate	As per format in 6.6
14.	Self-certificate for Project execution experience (On 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.	CMMi Certificate	Copies of valid certificates in the name of the sole bidder or the Lead bidder in case of a Consortium (Refer to Technical criteria 3.6.1 (F))

Section #	Section Heading	Details
5.	Approach & Methodology	Details as required in Technical Criteria 3.6 & 3.6.1
6.	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
7.	Project/ Credential Summary	As per format provided in section 7.3
8.	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
9.	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
10.	Manufacturers'/Producers' Authorization Form	As per format provided in section 7.10
11.	Anti – Collusion Certificate	As per format provided in section 7.11
12.	Non – disclosure Agreement	As per format provided in section 11 (Annexure 6)

2.11.3 Commercial Bid Format

The Bidder must submit the Commercial Bid in the formats specified in Section 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

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 e-procurement portal website, 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 Section 8. 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. All Prices quoted shall be in Indian Rupees (INR)

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 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 Section 6.6.

2.18 Late Bids

Late submission will not be entertained and will not be permitted by the e-Procurement Portal.

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

Authorities shall does not be responsible for delay in submission of any online submission related or website related issues and date of submission cannot be extended for such reasons

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 erasures, correction or addition must be clearly written both in words and figures and attested.

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.

2.24.4 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, 25 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 Integrated Command & Control Center.

The MSI/Consortium Partners may sub-contract/outsourcing the OEM services like system configurations, commissioning, product servicing and upgradation support during O&M period from OEMs only.

Sub-contracting shall be informed to the Authority in advance. 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 MSMEs. 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 “services” includes services such as insurance, transportation, supply, installation, integration, testing, commissioning, training, and initial maintenance.
- b. The components (including but not limited to CCTV Cameras, Video Management System Software, ANPR Cameras & Solution, RLVD Solution, Speed Violation Solution, Edge Level (Field) Switches, Data Centre Switches & Routers, Servers, Storage, Racks, Desktop PC and Workstations etc.) should have existing registered service/support centre or establish in India within 30 days of award of contract. The Bidder should submit an undertaking from the OEM to that effect.
- c. 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.
- d. During the Demonstration/Proof-of-Concept (PoC) of the field components 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.

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.
- d. The authorities may choose to procure additional material from any of the line item specified in BoQ (upto 25% of the quantities per line item during the contract period).The successful Bidder shall hold the same prices quoted herewith.
- e. At the time of procurement, The MSI may propose product with same or higher specification. The right to choose the vendor for additional quantities at any point during the Implementation or O&M phase rests with GWSCCL.

2.31 Withdrawal, Substitution, and Modification of Bids

- a. A Bidder may withdraw its Bid or re-submit its Bid (technical and/ or financial) as per the instructions/ procedure mentioned at e-Procurement website
- b. Bids withdrawn shall not be opened and processed further.

2.32 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 and Financial 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 those who don't qualify the financial evaluation stage and 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 80 % weightage and Commercial Score shall have 20% weightage.

The Total Score of the bidder = $0.8 * (\text{Technical Score}) + 0.2 * (\text{Commercial Score})$

- b. *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	Name to be given to the PDF file to be uploaded
1	<p>The Sole Bidder</p> <p>OR</p> <p>Lead Bidder (in case of consortium) should be:</p> <ul style="list-style-type: none"> • Indian or International Firm • Registered under the Companies Act 1956/2013 Or any equivalent foreign act • 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"> • Maximum 3 companies are allowed in a consortium including Lead Bidder • Should be a Indian/ International firm • Should have 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 Bidder, Bidder (including Consortium Member) will have to register as company under companies Act, 1956/2013 within 6 months of issuing LOI. • 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>For Sole/Lead Bidder</p> <ul style="list-style-type: none"> • Copy of Certificate of Incorporation / Registration under Companies Act 1956/2013 or any equivalent foreign act • GST Registration Certificate • 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 <p>For Consortium members other than lead bidder</p> <ul style="list-style-type: none"> • Copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 or any equivalent foreign act • GST Registration Certificate • Consortium agreement clearly stating the roles and responsibilities of each member <p>For an International firm</p> <p>Bidder (including consortium member), an undertaking for registration of company under companies Act, 1956/2013 within 6 months of Issuing LOI</p>	PQ_1
2	The average annual Turnover (TO) in Indian Rupees for last 3 audited	<ul style="list-style-type: none"> • Certificate from the Statutory auditor / CA clearly specifying 	PQ_2

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
	financial years (2014-15, 2015-16, 2016-17). <ul style="list-style-type: none"> • For Sole Bidder – INR 500 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum 60% of TO ○ All members together should meet INR 500 Cr TO requirement 	the annual turnover for the specified years	
3	The Positive Net Worth (PNW) in Indian Rupees in each of the last three years as on 31 st March 2017 <ul style="list-style-type: none"> • For Sole Bidder – INR 100 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum INR 60 Cr. PNW ○ Other members should have Positive Net Worth ○ All members together should have to meet INR 100 Cr PNW requirement 	<ul style="list-style-type: none"> • Audited and Certified Balance Sheet and Profit/Loss Account of last 3 Financial Years should be enclosed • Certificate from the Statutory auditor/ CA clearly specifying the net worth of the firm 	PQ_3
4	The bidder (or any Consortium member) should have demonstrable expertise and experience of setting up or O&M of Datacentre Integrated Command and Control room /Emergency Response Centre / Security and Surveillance control room/ City wide NOC/SOC/Surveillance control room built for City operations/Highways, Railways, Airports or Police, Public Spaces and other Government establishment during last Five years (as on Bid submission date) of value not less than INR 10 Crore <p>Note: In-house projects for their own corporation executed by the bidder shall not be considered for above purpose</p> <p>Note: In case bidder/Lead bidder is a wholly owned subsidiary, the experience of parent company would be considered for eligibility</p>	<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 Shareholding pattern of the bidding entity as per audit reports 	PQ_4

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
5	<p>The bidder (or any Consortium member) should have experience of implementing following scope in last 5 years (as on Bid submission date)</p> <ul style="list-style-type: none"> • Surveillance system like City surveillance system or ANPR. The project should have at least 100 cameras. 	<ul style="list-style-type: none"> • Documentary evidence (Copy of completion/ Ongoing client certificate and Work Order/ Contract) <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 thus 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 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 report 	PQ_5
6	<p>The Bidder (or any Consortium member) should have experience of minimum 2 projects with a minimum value of INR. 3Cr each in any of the following areas during last 5 years. (as on Bid submission date).</p> <ul style="list-style-type: none"> • Road Traffic enforcement/ Management System OR • Traffic Signals OR • Controlling traffic signals with centralized software system OR • Traffic Analytics OR • Automatic Vehicle Location System OR • Centrally controlled Dynamic Message signs 	<ul style="list-style-type: none"> • Documentary evidence (Copy of completion/ Ongoing client certificate and Work Order/ Contract) <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 thus 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 Company Secretary of the bidder certifying that the entity 	PQ_6

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
		<p>whose experience is shown is parent/subsidiary/sister concern company</p> <p>II. Shareholding pattern of the bidding entity as per audit report</p>	
7	Sole Bidder/Lead bidder should establish Project office within 45 days of issuance of Lol in Warangal City if not established earlier	<ul style="list-style-type: none"> • Undertaking to open Office in Warangal Or • Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / GST/ CST Registration /Lease agreement. 	PQ_7
8	The sole bidder OR the Lead bidder and each of the member of the Consortium including their parent/subsidiary/associate company 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	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	PQ_8

Notes:

1. For International project if the original client certificate and other documents are in language other than English than a translated copy duly confirmed by Indian embassy/ One of the board of directors of the lead bidder/ consortium member shall be submitted along with bid document
2. Bidder (or consortium member if any) may submit the Self certification, clearly mentioning project details like scope, value, duration, client details etc. as required for the evaluation criteria. The self-certificate shall be signed by at least 2 members of Board of director/Company Secretary of the Bidder (or consortium member if any).
3. For projects where fee has been received in any currency other than Indian Rupees, than the foreign currency conversion rate available on Reserve Bank of India's portal as on the date of publication of the tender document shall be used for conversion of amount in foreign currency to Indian Rupees equivalent.
4. Bidders are allowed to submit experience in terms of technical qualification of their holding (parent) company or subsidiary company or Sister Concern only.
 - a. a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
 - b. 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

- c. 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
5. 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 company for successful execution of the contract, the participating bidder should enclose (i) an Agreement (as per format enclosed at Annexure 10 of this Volume) between the bidder and its parent / subsidiary/Sister concern company for fulfilling the obligation and deployment of expert during implementation phase for the Track/Component for which the experience is being used and (ii) Guarantee (as per format enclosed at Annexure 11 of this Volume) from the parent/ subsidiary/sister concern company in favor of GWSCCL.

3.6 Technical Evaluation Framework

The Bidder's technical solution proposed in the Technical Evaluation bid shall be evaluated as per the evaluation criteria in the following table.

Section #	Evaluation Criteria	Points
A	Bidders Experience & Organization Strength	10
B	Sole Bidder /Consortium Project Experience	25
C	Technical Compliance of Solutions	5
D	Approach & Methodology & Project Presentation/Demonstration	35
E	Proposed Resources for the Project	20
F	CMMi Level 5 Certification	5
Technical Score		100

Notes:

- Bidder to submit work order and end client work in-progress (minimum 85% Project completion) / 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: Bidder getting **Technical Score of 70%** will qualify for Commercial Evaluation stage.

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.

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

3.6.1 Technical Bid Evaluation Criteria

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded				
A. Bidders Experience & Organization Strength								
A1	The Bidder (or any consortium member) should have demonstrable expertise and experience in executing large ICT projects during last seven years as on 31 st march 2017	<table border="1"> <thead> <tr> <th>Number of units</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>2 projects of 100 crores or 1 project of more than 150 crores</td> <td>100</td> </tr> </tbody> </table>	Number of units	Percentage	2 projects of 100 crores or 1 project of more than 150 crores	100	7	TQ_1
		Number of units	Percentage					
		2 projects of 100 crores or 1 project of more than 150 crores	100					
<table border="1"> <tbody> <tr> <td>2 projects of 70 crores or 1 project of 100 crores</td> <td>70</td> </tr> </tbody> </table>	2 projects of 70 crores or 1 project of 100 crores	70						
2 projects of 70 crores or 1 project of 100 crores	70							
<table border="1"> <tbody> <tr> <td>2 projects of 35 crores or 1 project of 50 crores</td> <td>50</td> </tr> </tbody> </table>	2 projects of 35 crores or 1 project of 50 crores	50						
2 projects of 35 crores or 1 project of 50 crores	50							
A2	People in organization (Full time Employees – FTE in ICT projects)	<table border="1"> <thead> <tr> <th>Number of FTE</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>> 500 FTE</td> <td>100</td> </tr> </tbody> </table>	Number of FTE	Percentage	> 500 FTE	100	3	TQ_2
		Number of FTE	Percentage					
		> 500 FTE	100					
		<table border="1"> <tbody> <tr> <td>> 400 FTE to =< 500 FTE</td> <td>90</td> </tr> </tbody> </table>	> 400 FTE to =< 500 FTE	90				
> 400 FTE to =< 500 FTE	90							
<table border="1"> <tbody> <tr> <td>> 300 FTE to =< 400 FTE</td> <td>80</td> </tr> </tbody> </table>	> 300 FTE to =< 400 FTE	80						
> 300 FTE to =< 400 FTE	80							
<table border="1"> <tbody> <tr> <td>=< 300 FTE</td> <td>70</td> </tr> </tbody> </table>	=< 300 FTE	70						
=< 300 FTE	70							
B. Project Experience of Bidder								
B1	City wide Surveillance/ CCTV Projects with required network infrastructure	<ul style="list-style-type: none"> The bidder should have experience in executing surveillance (CCTV surveillance or ANPR) projects in last 7 years (as on date of submission of bid). Each project with 100 cameras or more is considered as one unit. Points are allocated based on number of units executed 	5	TQ_3				
		<table border="1"> <thead> <tr> <th>Number of unit</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>= 4 or >4</td> <td>100</td> </tr> </tbody> </table>			Number of unit	Percentage	= 4 or >4	100
		Number of unit			Percentage			
		= 4 or >4			100			
		<table border="1"> <tbody> <tr> <td>= 3</td> <td>90</td> </tr> </tbody> </table>			= 3	90		
= 3	90							
<table border="1"> <tbody> <tr> <td>= 2</td> <td>80</td> </tr> </tbody> </table>	= 2	80						
= 2	80							
<table border="1"> <tbody> <tr> <td>1</td> <td>70</td> </tr> </tbody> </table>	1	70						
1	70							
B2	Area Traffic Control System	<ul style="list-style-type: none"> The bidder shall have successfully executed projects related to ATCS in last 7 years 	5	TQ_4				

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded										
		<p>(as on date of submission of bid), integrating at least four different components as mentioned herewith:</p> <ol style="list-style-type: none"> Automatic Traffic Control System Red Light Violation System E-Challan Traffic violation detection system Traffic Analytics Automatic Vehicle Locator System Dynamic Messaging Signs <ul style="list-style-type: none"> Each project of Indian Rupees 2 Cr. or more will be considered as one unit. Points are allocated based on number of units executed <table border="1"> <thead> <tr> <th>Number of Units</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>= 4 or >4</td> <td>100</td> </tr> <tr> <td>= 3</td> <td>90</td> </tr> <tr> <td>= 2</td> <td>80</td> </tr> <tr> <td>= 1</td> <td>70</td> </tr> </tbody> </table>	Number of Units	Percentage	= 4 or >4	100	= 3	90	= 2	80	= 1	70		
Number of Units	Percentage													
= 4 or >4	100													
= 3	90													
= 2	80													
= 1	70													
B3	Integrated Transit Management System	<ul style="list-style-type: none"> The bidder should have experience in executing AVL projects for intra city public transit system with a fleet of at least 30 buses Each such project will be considered as one unit. The projects should be integrating at least two components from the below mentioned list: <ol style="list-style-type: none"> Automatic Vehicle Location System Passenger Information System Planning & Scheduling System Station PIS Display Points are allocated based on number of projects executed <table border="1"> <thead> <tr> <th>Number of projects</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>4 or >4</td> <td>100</td> </tr> <tr> <td>= 3</td> <td>90</td> </tr> <tr> <td>= 2</td> <td>80</td> </tr> </tbody> </table>	Number of projects	Percentage	4 or >4	100	= 3	90	= 2	80	5	TQ_5		
Number of projects	Percentage													
4 or >4	100													
= 3	90													
= 2	80													

#	Technical Evaluation Criteria	Technical Evaluation parameter		Points	Name to be given to the PDF file to be uploaded									
		= 1	70											
B4	Integration with Command and Control Center	<ul style="list-style-type: none"> The bidder should have demonstrable expertise and experience in implementation or integration of any 4 of the following smart features with the centralized system in the last 7 years of value not less than 10 Cr <ol style="list-style-type: none"> GIS Parking System Intelligent Bus Transit System Fibre NOC CCTV Camera Traffic Signal/ Traffic Enforcement System/E-Challan Smart Lighting Remote Public Address system Dynamic message signs <p>Each such project is considered as one unit</p> <table border="1"> <thead> <tr> <th>Number of Units</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>= 4 or >4</td> <td>100</td> </tr> <tr> <td>= 3</td> <td>90</td> </tr> <tr> <td>= 2</td> <td>80</td> </tr> <tr> <td>= 1</td> <td>70</td> </tr> </tbody> </table>	Number of Units	Percentage	= 4 or >4	100	= 3	90	= 2	80	= 1	70	5	TQ_6
Number of Units	Percentage													
= 4 or >4	100													
= 3	90													
= 2	80													
= 1	70													
B5	Setting up or O&M of Datacenter / Integrated Control and Command Centre Room	<ul style="list-style-type: none"> The bidder should have demonstrable expertise and experience of setting up or O&M of Datacenter / ICCR room/ Emergency response Centre/ Security and Surveillance Control Room/ City Wide (Smart City Operations Center/NOC/SOC)/ Surveillance Control Room built for Highways, Railways, Airports or Police , Public Spaces and other government establishments-etc. during last seven years (as on date of 	5	TQ_7										

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded												
		submission of bid), of value not lesser than 10 crore each <table border="1"> <thead> <tr> <th>Number of citations</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>= 4 or >4</td> <td>100</td> </tr> <tr> <td>= 3</td> <td>90</td> </tr> <tr> <td>= 2</td> <td>80</td> </tr> <tr> <td>= 1</td> <td>70</td> </tr> </tbody> </table>	Number of citations	Percentage	= 4 or >4	100	= 3	90	= 2	80	= 1	70				
Number of citations	Percentage															
= 4 or >4	100															
= 3	90															
= 2	80															
= 1	70															
C. Technical Compliance of Solution: Command & Communications Center, Intelligent Transit Management, Integrated Traffic Management System, Smart Parking Management System and City Surveillance System																
C1	Technical Compliance of Solution – Adherence to Functional Requirement	<ul style="list-style-type: none"> Full compliance to functional specifications provided in the tender document for mentioned elements: <table border="1"> <thead> <tr> <th>Functional Requirement Compliance Parameters</th> <th>Marks Allotted</th> </tr> </thead> <tbody> <tr> <td>Command Control Centre</td> <td>1</td> </tr> <tr> <td>Integrated Traffic Management System</td> <td>1</td> </tr> <tr> <td>Integrated Transit Management System</td> <td>1</td> </tr> <tr> <td>Smart Parking Management System</td> <td>1</td> </tr> <tr> <td>City Surveillance System</td> <td>1</td> </tr> </tbody> </table>	Functional Requirement Compliance Parameters	Marks Allotted	Command Control Centre	1	Integrated Traffic Management System	1	Integrated Transit Management System	1	Smart Parking Management System	1	City Surveillance System	1	5	TQ_8
Functional Requirement Compliance Parameters	Marks Allotted															
Command Control Centre	1															
Integrated Traffic Management System	1															
Integrated Transit Management System	1															
Smart Parking Management System	1															
City Surveillance System	1															
D. Approach & Methodology & Project Presentation/Demonstration																
D1	Approach & Methodology	<ul style="list-style-type: none"> Following parameters will be evaluated: <table border="1"> <thead> <tr> <th>Parameter</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Assessment of proposed methodology whether it is clear, responds to the Scope of Work mentioned in Vol-2 of this RFP and leads to achieving</td> <td>10</td> </tr> </tbody> </table>	Parameter	Percentage	Assessment of proposed methodology whether it is clear, responds to the Scope of Work mentioned in Vol-2 of this RFP and leads to achieving	10	10	TQ_9								
Parameter	Percentage															
Assessment of proposed methodology whether it is clear, responds to the Scope of Work mentioned in Vol-2 of this RFP and leads to achieving	10															

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded								
		<p>results as per the requirements of Project, deliver the expected output and Time lines, and the degree of detail of such output.</p> <p>Completeness of project plan and ease of implementation (including training and change management plan)</p> <p>Clarity and details shown in BOM</p> <p>Strategy to maintain all the SLAs and handling change requests</p> <p>Detailed Business Plan highlighting Revenue Streams for relevant smart elements</p>	<p>10</p> <p>10</p> <p>20</p> <p>50</p>									
D2	Technical Demonstration	<p>Following parameters will be evaluated during Technical Demonstration:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS on real time basis</td> <td>30</td> </tr> <tr> <td>Integration with Security & Surveillance</td> <td>30</td> </tr> <tr> <td>Need to demonstrate the implementation of AVLS, AFSC, PIS system</td> <td>20</td> </tr> </tbody> </table>	Parameter	Percentage	Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS on real time basis	30	Integration with Security & Surveillance	30	Need to demonstrate the implementation of AVLS, AFSC, PIS system	20	15	TQ_10
Parameter	Percentage											
Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration with GIS on real time basis	30											
Integration with Security & Surveillance	30											
Need to demonstrate the implementation of AVLS, AFSC, PIS system	20											

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded																
		integrated with ICCC Need to demonstrate the implementation of Traffic Management System with ANPR, RLVD and other traffic violation detection system integrated with ICCC	20																	
D3	Presentation	The Bidder will need to exhibit functional and non-functional requirements through presentation	10	TQ_11																
E. Proposed Resources for the Project																				
E1	People on project	Each of the following profiles suggested by the bidder will be evaluated: <table border="1"> <thead> <tr> <th>Profile</th> <th>Marks Allotted</th> </tr> </thead> <tbody> <tr> <td>Project Manager</td> <td>5</td> </tr> <tr> <td>Integrated Command and Control Centre Expert</td> <td>4</td> </tr> <tr> <td>Solution Architect</td> <td>2</td> </tr> <tr> <td>Intelligent Traffic Management Expert</td> <td>3</td> </tr> <tr> <td>Security & Surveillance Expert</td> <td>3</td> </tr> <tr> <td>Network & Security Infrastructure Expert</td> <td>2</td> </tr> <tr> <td>GIS Expert</td> <td>1</td> </tr> </tbody> </table>	Profile	Marks Allotted	Project Manager	5	Integrated Command and Control Centre Expert	4	Solution Architect	2	Intelligent Traffic Management Expert	3	Security & Surveillance Expert	3	Network & Security Infrastructure Expert	2	GIS Expert	1	20	TQ_12
Profile	Marks Allotted																			
Project Manager	5																			
Integrated Command and Control Centre Expert	4																			
Solution Architect	2																			
Intelligent Traffic Management Expert	3																			
Security & Surveillance Expert	3																			
Network & Security Infrastructure Expert	2																			
GIS Expert	1																			
F	The sole Bidder or the Lead bidder in case of a Consortium, should possess any following Certifications	<ul style="list-style-type: none"> CMMi level 5 certification CMMi Level 3 certification <table border="1"> <thead> <tr> <th>Profile</th> <th>Marks Allotted</th> </tr> </thead> <tbody> <tr> <td>CMMi Level 5</td> <td>5</td> </tr> <tr> <td>CMMi Level 3</td> <td>3</td> </tr> </tbody> </table>	Profile	Marks Allotted	CMMi Level 5	5	CMMi Level 3	3	5	TQ_13										
Profile	Marks Allotted																			
CMMi Level 5	5																			
CMMi Level 3	3																			

#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded
		Copies of valid certificates in the name of the sole bidder or the Lead bidder in case of a Consortium		

**** Bidder: The Sole Bidder (or) in case of a Consortium, the Lead Bidder and any member of the Consortium put together**

Notes:

1. Documentary evidence (Citation, Copy of completion / ongoing client certificate and work order / Contract/self-certificate) is required for all project experience.
 - a. In case project is on-going a certificate from the Chartered Accountant/Statutory Auditor has to be provided mentioning that 80% of Capex is complete.
 - b. In case the experience shown is that of the bidder's parent / subsidiary /sister concern company, than the following additional documents are required:
 - Certificate signed by the Company Secretary/statutory Auditor/2 Board of Directors 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.
 - c. Bidder (or consortium member if any) may submit the Self certification, clearly mentioning project details like scope, value, duration, client details etc. as required for the evaluation criteria. The self-certificate shall be signed by at least 2 members of Board of director/Company Secretary of the Bidder (or consortium member if any).
2. **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.
3. For International project if the original client certificate and other documents are in language other than English than a translated copy duly verified by Indian embassy shall be submit with bid document
4. For projects where fee has been received in any currency other than Indian Rupees, than the foreign currency conversion rate available on Reserve Bank of India's portal as on the date of publication of the tender document shall be used for conversion of amount in foreign currency to Indian Rupees equivalent.
5. Bidders are allowed to submit experience in terms of technical evaluation and qualification of their holding (parent) company or subsidiary company or Sister Concern only.
 - a. a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and

- b. 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
 - c. 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
6. 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 “Technical Demonstration” 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.

SI #	Position	Minimum Qualifications & Experience
1.	Project Manager	<ul style="list-style-type: none"> a) Education: MBA/MCA/M. Tech & B. Tech/B.E. from a recognized educational institution b) Experience: Minimum 15 years in areas related to ICC/ Data center/ Surveillance/Instrumentation/Communication/ICT sector c) Should have more than 5 years of experience of handling such large projects as a project manager d) Should preferably have PMP or Prince2 certification
2.	Integrated Command and Control Centre Expert	<ul style="list-style-type: none"> a) Bachelor’s Degree in Engineering/Instrumentation and Control b) Experience : Minimum 10 years of experience c) Should have experience in Control and Command Centre implementation for minimum 2 projects
3.	Solution Architect	<ul style="list-style-type: none"> a) Education: MCA/M. Tech/B. Tech/B.E. from a recognized educational institution b) Experience: Minimum 10 years in IT sector. c) Should have experience of more than 3 years as a Solution Architecture in large projects of similar nature

4.	Intelligent Traffic Management Expert	a) BE/B.Tech or Graduation/Post Graduation in Transportation b) Experience: Minimum 10 years. c) Should have experience in designing & implementing Intelligent Traffic Management system for minimum 2 projects.
5.	Security & Surveillance Expert	a) B.Tech / M.Tech/Post Graduate from a recognized educational institution b) Experience: Minimum 10 years. c) Should have experience in IT/ICT solution architect in minimum 2 projects.
6.	Network & Security Infrastructure Expert	a) B.Tech / M.Tech/MBA/MCA from a recognized educational institution b) Experience: Minimum 10 years of experience c) Should have experience in designing the Network and Security structure for minimum 2 projects
7.	GIS Expert	a) Bachelor's Degree in Engineering/ Geology/ MCA b) Experience : Minimum 10 years of experience c) Should have experience in GIS application for minimum 4 projects

Notes:

- **The top three profile (Project Manager, Control and Command Centre Expert and Solution Architect) should be on the payroll of the sole bidder or the consortium partner**

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 GWSCCL 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 phase	Minimum Deployment during Operation and Maintenance phase
1	Project Manager	1	Atleast 80%	100%

<u>2</u>	ICCC Expert	1	Atleast 80%	Onsite Support to Project team on need basis
<u>3</u>	Solution Architect	1	Atleast 80%	Onsite Support to Project team on need basis
<u>4</u>	Intelligent Traffic Management Expert	1	Atleast 80%	100%
<u>5</u>	Security & Surveillance Expert	1	Atleast 80%	100%
<u>6</u>	Network & Security – Infrastructure Expert	1	Atleast 60%	100%
<u>7</u>	GIS Expert	1	Atleast 80%	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/Letter of Intent to the 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.

This Performance Bank Guarantee shall be valid only up to the completion of the period of 'Go- Live' + 60 months for the Solution.

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 also provide complete maintenance support for all the proposed integrated solution as outlined in this RFP for a period of Sixty months from the date of go-live i.e. "Go-Live" + 60 months. "Go-live" is the date on which the proposed 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: E-mail:			
Sl. No.	RFP Document reference (Volume, Section No., and Page No.)	Content of the RFP requiring clarification	Clarification Sought

Bidders shall submit their queries at warangalscp@gmail.com
 Queries not adhering to the specified format shall not be considered.

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 submission through NEFT/ RTGS		NA
2.	Earnest Money Deposit	Online submission through NEFT/ RTGS		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 or International firm Registered under the Companies Act 1956/2013 or any equivalent foreign act 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 LOI The Lead bidder shall be jointly and severally responsible for complete 	<p>For Sole/Lead Bidder</p> <ul style="list-style-type: none"> Copy of Certificate of Incorporation / Registration under Companies Act 1956/2013 or any equivalent foreign act GST Registration Certificate 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 <p>For Consortium members other than lead bidder</p> <ul style="list-style-type: none"> Copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 or any equivalent foreign act GST Registration Certificate Consortium agreement clearly stating the roles and responsibilities of each member <p>For an International firm</p> <ul style="list-style-type: none"> Bidder (including consortium member), an undertaking for registration of company under 		

	scope, whereas consortium partners shall be severally responsible only for its respective scope.	companies Act, 1956/2013 within 6 months of Issuing LOI		
5.	<p>The average annual turnover (TO) in Indian Rupees for last 3 audited financial years (2014-15, 2015-16, 2016-17).</p> <ul style="list-style-type: none"> • For Sole Bidder – 500 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum 60% of TO ○ All members together should have to meet 500 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>Positive Net Worth</p> <p>The Positive Net Worth (PNW) in Indian Rupees in each of the last three years as on 31st March 2017</p> <ul style="list-style-type: none"> • For Sole Bidder – 100 Cr • For Consortium <ul style="list-style-type: none"> ○ Lead Bidder should have minimum 60 Cr. PNW ○ Other members should have Positive Net Worth • All members together should have to meet 100 Cr PNW requirement 	<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 (or any Consortium member) should have demonstrable expertise and experience of setting up or O&M of Datacentre / Integrated command and control room /emergency response centre / Security and Surveillance control room/ City wide NOC/SOC/Surveillance control room built for City operations/Highways, Railways, Airports or Police, Public Spaces–and other Government establishment during last Five years (as on bid submission date) of value not less than INR 10 Crore each.</p>	<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.	<ul style="list-style-type: none"> • The bidder (or any Consortium member) should have experience of implementing following scope in last 5 years (as on bid submission date) Surveillance system like City surveillance system or ANPR. The project should have at least 100 cameras. 	<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 <ul style="list-style-type: none"> • Shareholding pattern of the bidding entity as per audit reports 		
9.	The Bidder (or any Consortium member) should have experience of minimum 2 no of projects with min value of Rs. 3 Cr each in any of the following areas during last 5 years. (as on bid submission date). <ul style="list-style-type: none"> • Road Traffic enforcement/ Management System OR • Traffic Signals OR • Controlling traffic signals with centralized software system OR • Traffic Analytics OR • Automatic Vehicle Location System OR • Centrally controlled Dynamic Message signs 	<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.	Sole Bidder/Lead bidder should establish Project office within 45 days of issuance of Lol in Warangal City if not established earlier	<ul style="list-style-type: none"> • Undertaking to open Office in Warangal Or • Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / GST/ CST Registration /Lease agreement. 		
11.	The sole bidder OR the Lead bidder and each of the member of the Consortium including their parent/subsidiary/associate 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 		

6.2 Pre-Qualification Bid Covering Letter

Date: dd/ mm / yyyy

To,

[]

Sub: **Request for Proposal for Selection of System Integrator for Implementation of Intelligent Transit Management System, City Surveillance System, Area Traffic Control System, Smart Parking Management & Integrated Control and Command Centre in Warangal City**

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

Dear Sir,

With reference to your “**Request for Proposal for Selection of System Integrator for Implementation of Greater Warangal Smart City Solution for Authority**”, we hereby submit our Prequalification bid, Technical Bid and Commercial Bid for the same.

We hereby declare that:

- a. We hereby acknowledge and unconditionally accept that the Authority can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of Agency for providing services.
- b. We have submitted EMD of Indian Rupees [] Crores and Tender fee of Indian Rupees [] online through NEFT/ RTGS in the <<Account details>>.
- c. We hereby declare that all information and details furnished by us in the Bid are true and correct, and all documents accompanying such application are true copies of their respective originals.
- d. We agree to abide by our offer for a period of 180 days from the date of opening of pre-qualification bid prescribed by **Authority** and that we shall remain bound by a communication of acceptance within that time.
- e. We have carefully read and understood the terms and conditions of the RFP and the conditions of the contract applicable to the RFP. We do hereby undertake to provision as per these terms and conditions.
- f. In the event of acceptance of our bid, we do hereby undertake:
 - i. To supply the products and commence services as stipulated in the RFP document
 - ii. To undertake the project services for entire contract period from the date of signing of the contract as mentioned in the RFP document.
 - iii. We affirm that the prices quoted are inclusive of design, development, delivery, installation, commissioning, training, providing facility management and handholding support, and inclusive of all out of pocket expenses, taxes, levies discounts etc.
- g. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and notification of award of contract, shall constitute a binding contract between us.

- h. We understand that the **Authority** may cancel the bidding process at any time and that **Authority** is not bound to accept any bid that it may receive without incurring any liability towards the bidder.
- i. We fully understand and agree to comply that on verification, if any of the information provided in our bid 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

In case of any clarifications please contact _____ email at

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 both bidder and consortium member)

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.	GST Registration 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:

	2014 – 15	2015 – 16	2016 – 17
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:

Place

Date

To,

[]

Subject: Self Declaration of not been blacklisted in response to the Request for Proposal for selection of **System Integrator for Implementation of Greater Warangal Smart City Solutions**

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

Dear Sir,

We confirm that our company or firm, _____, is currently not blacklisted in any manner whatsoever by any of the State or UT and or Central Government in India on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

(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)

{Place}

{Date}

To,

[]

Subject: Self Declaration of not been blacklisted in response to the Request for Proposal for selection of **System Integrator for Implementation of Greater Warangal Smart City Solutions for**

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

Dear Sir,

We confirm that our company or firm, _____, is currently not blacklisted in any manner whatsoever by any of the State or UT and or Central Government in India on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

(Signature of the Consortium Member)

Printed Name

Designation

Seal Date:

Place: Business Address:

6.5 No Deviation Certificate

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

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 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 (N.B only relevant activities as sought in the criteria to be included)	
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

SI #	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		
11	CMMi Level 5 Certificate		

7.2 Technical Bid Covering Letter

Date: dd/mm/yyyy

To,

[]

Subject: Request for Proposal for Selection of System Integrator for Implementation of Intelligent Transit Management System, City Surveillance System, Area Traffic Control System, Smart Parking Management & Integrated Control and Command Centre in Warangal 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 for Selection of System Integrator for Implementation of Greater Warangal Smart City Solution**” 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

SI #	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 equipment 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, Contact No. and Complete Address	
Contract value for the Bidder (in Indian Rupees)	
Narrative description of project:	
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 and 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.

Activities Wise Timeline							
S. No.	Detailed work breakdown structure	Month Wise Program					
		1	2	3	4	5
	Project Plan						
1	Activity 1						
1.1	Sub-Activity 1						
1.2	Sub-Activity 2						

7.5.3 Manpower Plan

I. Till Go-Live Implementation

Activities Wise Timeline									
S. No.	Role	Month wise time to be spent by each personnel (in days)						Total	
		1	2	3	4	5		
1	Project Manager								Onsite
									Offsite
3	Solution Architect								
4	Intelligent Traffic Management Expert								
5	Security & Surveillance Expert								
7	Network & Security – Infrastructure expert								
10	GIS Expert								
11	ICCC Expert								

II. After Go-Live implementation (Operation & Maintenance)

Activities Wise Timeline									
S. No.	Man Power detailed breakup	Month wise time to be spent by each personnel (in days)						Total	
		Year 1	Year 2	Year 3	Year 4	Year 5		
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									Onsite/Offsite

7.6 Details of Resources proposed

7.6.1 Summary of Resources proposed

Sl. 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:																								
1.	Proposed position or role	<i>(only one candidate shall be nominated for each position)</i>																							
2.	Date of Birth		Nationality																						
3.	Education	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Qualification</th> <th style="width: 30%;">Name of School or College or University</th> <th style="width: 20%;">Degree Obtained</th> <th style="width: 25%;">Year of Passing</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>				Qualification	Name of School or College or University	Degree Obtained	Year of Passing																
Qualification	Name of School or College or University	Degree Obtained	Year of Passing																						
4.	Years of experience																								
5.	Areas of Expertise and no. of years of experience in this area	<i>(as required for the Profile)</i>																							
6.	Certifications and Trainings attended																								
7.	Employment Record	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Employer</th> <th style="width: 30%;">Position</th> <th style="width: 20%;">From</th> <th style="width: 25%;">To</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p><i>[Starting with recent position and last 2 firms, list in reverse order, giving for each employment: dates of employment, name of employing Organization, positions held.]</i></p>				Employer	Position	From	To																
Employer	Position	From	To																						

8. Detailed Tasks Assigned	<i>(List all tasks to be performed under this project)</i>
-----------------------------------	--

9. Relevant Work Undertaken that Best Illustrates the experience as required for the Role)

Project 1	
Name of assignment	
Year	
Location	
Employer	
Main project features	
Position held	
Activities performed	
Project 2	
Name of assignment	
Year	
Location	
Employer	
Main project features	
Position 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.

Bidders are expected to do the site survey of the existing facility and come up with design considerations and capacities considerations for facility management services and support infrastructure for DC and ICCS

*****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.**

	Line Item	Unit of Measurement	Quantity Proposed	Make/Brand	Model Details	Full Compliance (Yes/No)
A	Area Traffic Control System (ATCS)					
A1	ATCS (ATC compatible)Traffic Controller	Number	40			
A2	Vehicle Countdown timer (EN 12966 Standard)	Number	125			
A3	Pedestrian Count down timer (EN 12966 standard)	Number	210			
A4	Galvanized Cantilever poles	Number	135			
A5	Galvanized Standard Poles	Number	215			
A6	Traffic Light Aspects – Red (EN 12368 standard)	Number	375			
A7	Traffic Light Aspects – Green	Number	870			
A8	Traffic Light Aspects – Amber	Number	375			
A9	Junction Box / Meter Cabinets	Number	40			
A10	UPS Supply for 4-5 hr Back-up for Junction	Number	40			
A11	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 WSCCL.	Lot	40			
B	Traffic Enforcement System					

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B1	Red Light Violation Detection (RLVD) System with complete hardware including lane ANPR cameras, Wide Angel Evidence Camera, Field Processing Unit, with cabling, accessories & mounting infrastructure as required	Traffic Junctions	40			
B2	Supply of Lane ANPR Camera	Number	250			
B3	Supply of Wide angle Evidence Camera for violation detection	Number	150			
B4	RLVD FIELD -PROCESSOR UNIT Industrial PC i7,8GB, 1TB etc , with UPS, Gigabit industrial switch, Media converters for each Road connectivity, ANPR / Analytics license - for ALL roads to detect RED light violation)	Number per Junction	40			
B5	Supply of 6 Mtr Cantilever Pole as per site requirement	Number	125			
B6	Complete cabling and civil works as required including but not limited to digging laying of 50/90 mm HDPE Pipe at road crossing, island, median etc, laying of CAT6 cable in ducts a backfilling.	Per Junction	40			
B7	IR Illuminators for 40 Junctions estimated	Number	250			
B8	E-Challan Hand held devices with E-Challan s/w for Handheld Devices Integrated to Central server for Challan	Number	50			
D	Surveillance System					
D1	Outdoor Box Cameras	Number	450			
D2	Outdoor PTZ Cameras	Number	113			
D3	Poles for Cameras and Equipment	Number	Actual quantity arrived for the solution (please specify)			
D4	Poles with Cantilever (including Civil foundation)	Number	Actual quantity arrived for			

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			the solution (please specify)			
D5	Industrial grade outdoor PoE Switches	Number	Actual quantity arrived for the solution (please specify)			
D6	Provisioning of Electrical Power	Number	Actual quantity arrived for the solution (please specify)			
D7	Networking Cost (Passive Component : Junction Box, Patch Panel/LIU, OFC, Cat6 Cable, Patch Cords, Pipes, Earthing, Lighting arrester and electrical, earthing cables).	Lot	Actual quantity arrived for the solution (please specify)			
D8	UPS with Battery (appropriate Backup up to 4-5 hours as per technical specification and SLA mentioned in volume II of this RFP).	Number	Actual quantity arrived for the solution (please specify)			
D9	Digging, Piping & Re-filling, including digging for electrical cabling	Number	Actual quantity arrived for the solution (please specify)			
D10	Any additional item	Lot				
E	Smart Parking Management					
	Off-street PMS components					
E1	Entry/Exit Boom Barrier Gate for 4 wheeler	Number	16			
E2	Entry/Exit Boom Barrier Gate for 2 wheeler	Number	18			
E3	Inductive loop detector	Number	34			
E4	Parking ticketing Machine	Number	18			
E5	CCTV Camera (to be integrated with CCC)	Number	18			
E6	Variable Messaging Display	Number	9			
E7	Display & Guidance System	Number	8			
E8	Controllers	Number	18			
E9	Emergency Call Box	Number	18			
E10	Ticket Validator	Number	18			
E11	Car Wheel Lock	Number	40			
E12	Payment Kiosk	Number	18			

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E13	UPS 1 KVA online Backup	Number	18			
E14	Gateway for communication	Number	9			
On-street PMS components						
E15	Hand held Parking Ticketing Device	Number	18			
E16	CCTV Camera (to be integrated with CCC)	Number	10			
E17	Variable Messaging Display	Number	9			
E18	Controller	Number	10			
E19	Emergency call box	Number	10			
E20	Car wheel lock	Number	110			
E21	UPS 1 KVA online Backup	Number	10			
E22	Gateway for communication (on street)	Number	5			
Other Requirement						
E23	PMS application software for off-street and on-street	Number	1			
E24	PMS workstation	Number	1			
E25	Parking mobile application	Number	1			
E26	e-challan and RTO integration	Number	1			
E27	PMS server (As per bidder's solution)	Number	1			
E28	Any other Hardware or Software required to meet the RFP requirements of Smart Parking Management System (Bidder to list individual items and provide costing).	Number				
F Intelligent Transit Management System						
Software Applications						
F1	AFCS application software with Business Intelligence	Number	1			
F2	Vehicle Scheduling and Dispatch system					
F3	AVLS smart tracking application with servers and database	Number	1			
F4	Electronic Ticketing System with servers and applications	Number	1			
F5	PIS Management System	Number	1			
F6	Enterprise Management System and Business Intelligence Software	Number	1			
	Web Portal and App	Number	1			
Hardware and other components						

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F7	Electronic ticketing Machine (Scalable for future Smart Card Functionality) and inclusive of all related accessories	Number	400			
F8	3G/GPRS enabled SIM Cards	Number	400			
F9	GPS Module for city buses (OBD 2 port enabled and non-enabled)	Number	150			
F10	PIS display for city buses	Number	300			
F11	PIS Display for Bus shelters	Number	25			
F12	GPS module for Fire Buses	Number	10			
F13	GPS module for Government Ambulances	Number	10			
F15	Communication Unit for Authority Bus Stations (Switch, Cable, Router)	Number	1			
F16	Bus Station UPS (Station UPS would require 4 hours of backup)	Number	1			
F17	Bus Operation & Management Solution	Number	1			
F18	Communication Solution	Number	1			
G	Integrated Command & Control Centre (CCC) at GWMC and CP HQ					
G1	Video Wall Cubes- 55" LED in 3 X 2 matrix at GWMC and CP HQ	Number	2			
G2	Video wall controller with wall management software	Number	2			
G3	Audio Mixer and speaker system	Number	2			
G4	Multi-Function Laser Printer (City Operations Room)	Number	2			
G6	Operator Workstations (City Operations Room, Police Control room, Managers, Help Desk, technical support, contact centre, security room and war room)	Number	20			
G7	IP Phones	Number	10			
G8	Digital Set top boxes	Number	2			
G10	65"/70" LED display to present critical information Display (Meeting room)	Number	2			
G11	Video Conferencing Unit	Number	2			
G12	IP Push to Talk Radio	Number	20			
G13	Microphone	Number	6			

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G14	IP PABX System	Number	2			
G15	PRI Modem pair	Number	2			
G16	SMS Gateway modem	Number	2			
G17	DG Set (For IT Load Only)	Number	Actual Quantity to be arrived for solution			
G18	IBMS	Lump sum	2			
G19	Air Conditioning for City Operations Room	Number	TB Estimated by bidder based on survey			
G20	Comfort Air Conditioning	Number	Same as above			
G21	UPS with Battery backup of 1 hour	Number	2			
G22	Access Control System including Biometric access for Integrated Command and Control center	Lump sum	2			
G23	Electrical and power cabling	Lump sum	2			
G24	Electrical Cabling & Necessary Illumination Devices	Lump sum	2			
G25	LAN and CAT-6 cabling	Lump sum	2			
G26	Public Address System	Lump sum	2			
G27	Fire & Smoke Detection System	Lump sum	2			
G28	Fixed Dome Cameras	Number	10			
G29a	Furniture for City Operations Room Operator Desks	Number	8			
G29b	Furniture for Police HQ Operators	Number	8			
G30a	Furniture for City Operations Room Manager's Desk	Number	2			
G30b	Furniture for Control Room manager at CP HQ	Number	2			
G31a	Furniture for City Operations Room meeting table and chairs	Number	1			
G31b	Furniture for Control Room meeting table and chairs at CP HQ	Number	1			
G33a	Furniture for Contact Center Operator Desks	Number	2			
G33b	Furniture for Contact center at CP HQ	Number	2			
G34a	Furniture for Security Room Desks	Number	2			
G34b	Furniture for Security Room desks at CP HQ	Number	2			

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G35a	Furniture for Help Desk Team at GWMC	Number	2			
G35	Furniture for Help Desk Team at CP HQ	Number	2			
G36a	Furniture for 'Technical Support Team Desks	Number	2			
G36b	Furniture for Technical support Team desks	Number	2			
G37a	Furniture for War Room at GWMC	Number	1			
G37b	Furniture for War room at CP HQ	Number	1			
G38	Services for DTH Subscription	Number	2			
G39	Services for SMS Gateway	Number	2			
G40	Services for PRI Lines at GWMC ICCC and CP HQ ICCC	Number	2			
G41	<p>Civil Work at GWMC and CP HQ (Raised Floor, False Ceiling, Ducting, Access Doors, Painting, Partitioning etc.)</p> <ol style="list-style-type: none"> 1. Integrated Command and Control (3000 Sq. Feet) 2. Meeting Room 3. Contact Centre Room 4. Technical Support Room / Help Desk 5. War Room 6. NOC Room 7. Utility Room (AHU + UPS + Battery) 8. Security Room 9. Entrance Room (Reception Area) 10. Electrical Room 11. Storage Area 12. Washrooms 13. Pantry 14. Entrance Facility Room 15. Conference Room <p>All room sizes are</p>	Lump sum	2			

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	Indicative sizes only, Bidders are advised to do a site survey prior to quoting					
G42	Any additional item					
H	Data Center Infrastructure or Core IT infrastructure to be provided in High Availability at GWMC					
H1	DC Core Router	Number	Actual Quantity to be arrived for solution			
H2	Internet Routers	Number	Actual Quantity to be arrived for solution			
H3	DC Switches (All types)	Number	Actual Quantity to be arrived for solution			
H4	Firewall	Number	Actual Quantity to be arrived for solution			
H5	Intrusion Prevention System	Number	Actual Quantity to be arrived for solution			
H6	Server load balancer	Number	Actual Quantity to be arrived for solution			
H7	Enterprise Management System (including SLA Mngt, HelpDeskMngt, Network Mngt, BMS)	Lump sum	1			
H8	Anti-virus Software for Servers	Set	200			
H9	Backup Software	Set	1			
H10	Desktop for mgmt. staff	Number	5			
H11	SAN Storage	Number	Actual Quantity to be arrived for solution			
H12	Tape Library	Number	Actual Quantity to be arrived for solution			
H13	Racks for all Infra in DC	Number	Actual Quantity to be arrived for solution			
H14	Indoor Fixed Dome Cameras	Number	Actual Quantity to			

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			be arrived for solution			
H15	Fire Proof Enclosure for Media Storage	Number	Actual Quantity to be arrived for solution			
H16	Networking Cost (Passive Components)	Number	Actual Quantity to be arrived for solution			
H17	GIS Map Integration	Set	1			
H18	Viewing Software for GIS	Set	1			
H19	Customised dashboard with all required integrations as per Scope of work defined	Set	1			
H20	Additional item as required	Lot				
Infrastructure for ICCC solution : Server Hardware (inclusive of Operating System)						
H20	Blade Servers	Number	Actual Quantity to be arrived for solution			
H21	Chassis for Blade Server	Number	Actual Quantity to be arrived for solution			
Application & System Software						
H22	Integrated Command and Control Software	Number	Actual Quantity to be arrived for solution			
H23	Integrated Command & Control Centre Implementation	Number	Actual Quantity to be arrived for solution			
H24	ICCC Software for Mobile Users No. of Licenses		20			
H25	Virtualization software	Set	8			
H26	RDBMS Licenses	Set	1			
H27	Customization/Integration of the existing systems of Authority	Lump sum	1			
H28	Video Management System	Licenses	Actual Quantity to be arrived for solution			
H29	Video Analytics	Number	Actual Quantity to be arrived for solution			

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H30	Traffic Monitoring and Report generation software	Number	Actual Quantity to be arrived for solution			
H31	RLVD Software	Number	Actual Quantity to be arrived for solution			
H32	ANPR Software and Integration with RTO Database	Number	Actual Quantity to be arrived for solution			
H33	GIS Application and Customisation	Set	1			
I	Data Recovery (DR) Co-located to a Service Provider					
I1	Server Infra	Number	Actual Quantity to be arrived for solution			
I2	Storage Infra	Number	Actual Quantity to be arrived for solution			
I3	Security Infra	Number	Actual Quantity to be arrived for solution			
I4	DR Software	Number	Actual Quantity to be arrived for solution			
J	Viewing Centers at RTC for Intelligent Bus Transport System					
J1	LED Display-55"	Number	1			
J 2	Monitoring Workstations	Number	2			
J 3	Network Laser Printer (Monochrome)	Number	1			
J 4	IP Phones	Number	1			
J 5	Switches	Number	1			
J 6	Networking/IT Racks	Number	1			
J 7	Networking Cost (Passive Components)	Lump sum	1			
J 8	Electrical Cabling & Necessary Illumination Devices	Lump sum	1			
J 9	Office Workstations (Furniture and Fixtures)	Number	1			
J 10	Comfort AC	Number	1			
J 11	UPS (1 KV with 30 Minutes backup)	Number	1			
K	Recurring Bandwidth charges					
K1	Recurring Bandwidth charges					

7.10 Manufacturers'/Producers' Authorization Form

(This form has to be provided by the OEMs of the hardware and software solutions proposed. This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.)

Date:

To,

[],

Subject: Manufacturer's Authorization Form

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

Dear Sir,

We _____ (Name of the OEM) who are established and reputable manufacturers of _____ (List of Goods) having factories or product development centers at the locations _____ or as per list attached, do hereby authorize. _____ (Name and address of the Bidder) to bid, negotiate and conclude the contract with you against RFP No. _____ Dated _____ for the above goods manufactured or developed by us.

We hereby extend, our warranty for the hardware goods supplied by the bidder and or maintenance or support services for software products against this invitation for bid by _____ (Name of the Bidder) as per requirements and for the duration of contract as specified in this RFP.

We also confirm that our offered product will not be end of life for minimum of 24 months from the date of bidding and the support for such offered product/s will be available for minimum of 10 years from the date of bidding.

Thanking you,

Yours faithfully,

(Signature)

For and on behalf of: _____ (Name of the OEM)

Authorised Signatory

Name:

Designation:

Place:

Date:

7.11 Anti-Collusion Certificate

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

Anti-Collusion Certificate

We hereby certify and confirm that in the preparation and submission of our Bid for **Request for Proposal for Selection of System Integrator for Implementation of Greater Warangal Smart City Solutions in Greater Warangal 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

SI #	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.

The MSI/bidder has to ensure that their commercial bid contains reasonable unit rates of CAPEX and OPEX items. GWSCCL may identify abnormally higher / lower unit rates of line items and seek justifications from bidders on the same. It is recommended that Total Capital Price (CAPEX) quoted in the project should not exceed 75% of Total Price quoted in the commercial bid. In case the bidder quotes higher figures (more than 75% of Total Price) towards CAPEX, the same shall be restricted to 75% while making payments towards CAPEX. Any value quoted towards CAPEX over and above 75% limit will be paid in equal monthly installments during O&M phase along with monthly payment.

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.

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
Area Traffic Control System (ATCS)						
A1	ATCS (ATC compatible)Traffic Controller	Number	40			
A2	Vehicle Countdown timer (EN 12966 Standard)	Number	125			
A3	Pedestrian Count down timer (EN 12966 standard)	Number	210			
A4	Galvanized Cantilever poles	Number	135			
A5	Galvanized Standard Poles	Number	215			
A6	Traffic Light Aspects – Red (EN 12368 standard)	Number	375			
A7	Traffic Light Aspects – Green	Number	870			
A8	Traffic Light Aspects – Amber	Number	375			
A9	Junction Box / Meter Cabinets	Number	40			
A10	UPS Supply for 4-5 hr Back-up for Junction	Number	40			
A11	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,	Lot	40			

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Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	
	14/7 core 1.5 Sqmm Armoured cable; 3 Core, 2.5 Sqmm Armoured Cable; jointing, terminating, trenching, compacting, backfilling as per satisfaction of WSCCL.					
Traffic Enforcement System						
B1	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	40			
B1a	Supply of Lane ANPR Camera	Number	250			
B1 b	Supply of Wide angle Evidence Camera with ANPR capability for for violation detection and wrong way movement	Number	150			
B1 c	RLVD FIELD -PROCESSOR UNIT Industrial PC i7,8GB, 1TB etc , with UPS, Gigabit industrial switch, Media converters for each Road connectivity, ANPR / Analytics license - for ALL roads to detect RED light violation)	Number per Junction	40			
B1 d	Supply of 6 Mtr Cantilever Pole as per site requirement	Number	125			
B1 e	Complete cabling and civil works as required including but not limited to: digging laying of 50/90 mm HDPE Pipe at road crossing, island, median etc., laying of CAT6 cable in ducts a backfilling.	Per Junction	40			

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Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) $G = D*(E+F)$
A	B	C	D	E	F	G
B3	IR Illuminators for 40 Junctions estimated	Number	250			
B4	E-Challan Hand held devices with E-Challan s/w for Handheld Devices Integrated to Central server for Challan	Number	50			
Surveillance System						
D1	Outdoor Box Cameras	Number	450			
D2	Outdoor PTZ Cameras	Number	110			
D3	Poles for Cameras and Equipments	Number	Actual quantity arrived for the solution (please specify)			
D4	Poles with Cantilever including Civil foundation	Number	Actual quantity arrived for the solution (please specify)			
D5	Industrial grade outdoor PoE Switches	Number	Actual quantity arrived for the solution (please specify)			
D6	Provisioning of Electrical Power / Junction Box	Number	Actual quantity arrived for the solution (please specify)			
D7	Networking Cost (Passive Component : Junction Box, Patch Panel/LIU, OFC, Cat6 Cable, Patch Cords, Pipes, Earthing,	Lot	Actual quantity arrived for the solution (bidder to specify)			

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Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
	Lighting arrester and electrical, earthing cables).					
D8	UPS with Battery (appropriate Backup up to 4-5 hours as per technical specification and SLA mentioned in volume II of this RFP).	Number	Actual quantity arrived for the solution (please specify)			
D9	Digging, Piping & Re-filling, including digging for electrical cabling***	Number	Actual quantity arrived for the solution (bidder to specify)			
Smart Parking Management						
Off-street PMS components						
E1	Entry/Exit Boom Barrier Gate for 4 wheeler	Number	16			
E2	Entry/Exit Boom Barrier Gate for 2 wheeler	Number	18			
E3	Inductive loop detector	Number	34			
E4	Parking ticketing Machine	Number	18			
E5	CCTV Camera (to be integrated with CCC)	Number	18			
E6	Variable Messaging Display	Number	9			
E7	Display & Guidance System	Number	8			
E8	Controllers	Number	18			
E9	Emergency Call Box	Number	18			
E10	Ticket Validator	Number	18			
E11	Car Wheel Lock	Number	40			

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Sl.# A	Line Item B	Unit of Measurement C	Quantity Proposed D	Unit Base Price (INR excl. tax) E	All taxes, levies, duties etc. as applicable (INR) (Per Unit) F	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
E12	Payment Kiosk	Number	18			
E13	UPS 1 KVA online Backup	Number	18			
E14	Gateway for communication	Number	9			
On-street PMS components						
E15	Hand held Parking Ticketing Device	Number	18			
E16	CCTV Camera (to be integrated with CCC)	Number	10			
E17	Variable Messaging Display	Number	9			
E18	Controller	Number	10			
E19	Emergency call box	Number	10			
E20	Car wheel lock	Number	110			
E21	UPS 1 KVA online Backup	Number	10			
E22	Gateway for communication (on street)	Number	5			
Other Requirement						
E23	PMS application software for off-street and on-street	Number	1			
E24	PMS workstation	Number	1			
E25	Parking mobile application	Number	1			
E26	e-challan and RTO integration	Number	1			
E27	PMS server (As per bidder's solution)	Number	1			
E28	Any other Hardware or Software required to meet the RFP requirements of Smart	Number				

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Sl.# A	Line Item B	Unit of Measurement C	Quantity Proposed D	Unit Base Price (INR excl. tax) E	All taxes, levies, duties etc. as applicable (INR) (Per Unit) F	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
	Parking Management System (Bidder to list individual items and provide costing).					
Intelligent Transit Management System						
Software Applications						
F1	AFCS application software with Business Intelligence	Number	1			
F2	Vehicle Scheduling and Dispatch system					
F3	AVLS smart tracking application with servers and database	Number	1			
F4	Electronic Ticketing System with servers and applications	Number	1			
F5	PIS Management System					
F6	Web Portal and App					
Hardware and other components						
F7	Electronic ticketing Machine (Scalable for future Smart Card Functionality) and inclusive of all related accessories	Number	400			
F8	3G/GPRS enabled SIM Cards	Number	400			
F9	GPS Module for city buses (with and without OBD 2 ports)	Number	150			
F10	PIS display for city bus shelters	Number	25			
F11	PIS display for city buses	Number	300			

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Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
F12	GPS module for Fire Buses	Number	10			
F13	GPS module for Government Ambulances	Number	10			
F15	Communication Unit for Authority Bus Stations (Switch, Cable, Router)	Number				
F16	Bus Station UPS (Station UPS would require 4 hours of backup)	Number	1			
F17	Bus Operation & Management Solution	Number	1			
F17	Communication Solution	Number	1			
Integrated Command and Control Centre Infrastructure at GWMC						
G1	Video Wall Solution- 55" LED in a 3 X 2 arrangement	Set	1			
G2	Additional LED Displays- for different functions/ sub-command centers	Set	2			
G3	Monitoring Workstations (3 monitors) for Live and Playback	Number	10			
G4	Office Desktops	Number	10			
G5	Network Color Laser Printers	Number	2			
G6	IP Phones	Set	20			
G7	Radio Handset/Telephone (compatible)	Set	15			
G8	Indoor Fixed Dome Cameras for internal surveillance	Number	5			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.# A	Line Item B	Unit of Measurement C	Quantity Proposed D	Unit Base Price (INR excl. tax) E	All taxes, levies, duties etc. as applicable (INR) (Per Unit) F	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
G9	Set of Switches to connect Workstations + Desktops	Set	2			
G10	Networking/IT Rack	Lump sum	2			
G11	Networking Cost (Passive Components)	Lump sum	1			
G12	Electrical Cabling & Necessary Illumination Devices	Lump sum	1			
G13	Fire Safety System with alarms	Set	1			
G14	Public Address System	Set	1			
G15	Access Control System (RFID/Proximity based, for all staff)	Set	1			
G16	Command and Control Center Workstation Furniture and Fixtures	Set	10			
G17	Office Desk Furniture and Fixtures	Set	10			
G18	Ergonomic chairs for Integrated Command & Control Center	Set	10			
G19	Chairs for office staff	Number	10			
G20	Conference Table (for 8 personnel) & Chairs	Set	2			
G21	LCD Projector	Number	2			
Integrated Command and Control Centre infrastructure at CP Headquarters						
1	Video Wall Solution- 55" LED in a 3 X 2 arrangement	Set	1			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
2	Additional LED Displays- for different functions/ sub-command centers	Set	2			
3	Monitoring Workstations (3 monitors) for Live and Playback	Number	10			
4	Office Desktops	Number	10			
5	Network Colour Laser Printers	Number	2			
6	IP Phones	Set	20			
7	Radio Handset/Telephone (compatible)	Set	15			
8	Indoor Fixed Dome Cameras for internal surveillance	Number	5			
9	Set of Switches to connect Workstations + Desktops	Set	2			
10	Networking/IT Rack	Lump sum	2			
11	Networking Cost (Passive Components)	Lump sum	1			
12	Electrical Cabling & Necessary Illumination Devices	Lump sum	1			
13	Fire Safety System with alarms	Set	1			
14	Public Address System	Set	1			
15	Access Control System (RFID/Proximity based, for all staff)	Set	1			
16	Command and Control Center Workstation Furniture and Fixtures	Set	10			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
17	Office Desk Furniture and Fixtures	Set	10			
18	Ergonomic chairs for Integrated Command & Control Center	Set	10			
19	Chairs for office staff	Number	10			
20	Conference Table (for 8 personnel) & Chairs	Set	2			
21	LCD Projector	Number	2			
Viewing Centers at Bus Depot						
H1	LED Display-55"	Number	1			
H2	Monitoring Workstations	Number	2			
H3	Network Laser Printer (Monochrome)	Number	1			
H4	IP Phones	Number	2			
H5	Switches	Number	Actual quantity arrived for the solution (please specify)			
H6	Networking/IT Racks	Number	Actual quantity arrived for the solution (please specify)			
H7	Networking Cost (Passive Components)	Lump sum	Actual quantity arrived for the solution (please specify)			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
H8	Electrical Cabling & Necessary Illumination Devices	Lump sum	Actual quantity arrived for the solution (please specify)			
H9	Office Workstations (Furniture and Fixtures)	Number	2			
H10	Comfort AC	Number	2			
H11	UPS (1 KV with 30 Minutes backup)	Number	2			
Data Center (DC) Infrastructure						
Common DC Infrastructure						
I1	DC Core Router	Number	Actual quantity arrived for the solution (bidder to specify)			
I2	Internet Routers	Number	Actual quantity arrived for the solution (bidder to specify)			
I3	DC Switches (All types)	Number	Actual quantity arrived for the solution (bidder to specify)			
I4	Firewall	Number	Actual quantity arrived for the solution (bidder to specify)			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
15	Intrusion Prevention System	Number	Actual quantity arrived for the solution (bidder to specify)			
16	Server load balancer	Number	Actual quantity arrived for the solution (bidder to specify)			
17	Enterprise Management System (including SLA Mngt, HelpDeskMngt, Network Mngt, BMS)	Number	Actual quantity arrived for the solution (bidder to specify)			
18	Anti-virus Software for Servers	Number	Actual quantity arrived for the solution (bidder to specify)			
19	Backup Software	Number	Actual quantity arrived for the solution (bidder to specify)			
110	Desktop for mgmt. staff	Number	Actual quantity arrived for the solution (bidder to specify)			
111	SAN Storage	Number	Actual quantity arrived for the solution (bidder to specify)			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
I12	Tape Library	Number	Actual quantity arrived for the solution (bidder to specify)			
I13	Racks for all Infra in DC	Number	Actual quantity arrived for the solution (bidder to specify)			
I14	Indoor Fixed Dome Cameras	Number	Actual quantity arrived for the solution (bidder to specify)			
I15	Fire Proof Enclosure for Media Storage	Number	Actual quantity arrived for the solution (bidder to specify)			
I16	Networking Cost (Passive Components)	Number	Actual quantity arrived for the solution (bidder to specify)			
I17	GIS Server with Base Map Integration	Set	1			
I18	Viewing Software for GIS	Set	1			
I19	GIS Application software and customization	Set	1			
I20	Customized dashboard with all required integrations as per Scope of work defined	Set	1			
Infrastructure for ICCC solution : Server Hardware (inclusive of Operating System)						

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
I20	Blade Servers	Number	Actual quantity arrived for the solution (bidder to specify)			
I21	Chassis for Blade Server	Number	Actual quantity arrived for the solution (bidder to specify)			
Application & System Software						
I22	Integrated Command and Control Centre Software (including Disaster Management)	Set	1			
I23	Integrated Command and Control Centre + Implementation	Set	1			
I24	CCC Software for Mobile Users No. of Licenses	Unit	20			
I25	Virtualisation software	Set	8			
I26	RDBMS Licenses	Set	1			
I27	Customisation/Integration of the existing systems of Authority	Lump sum	1			
I28	Video Management System	Number	Actual Quantity to be arrived for solution			
I29	Video Analytics	Set	1			
I30	Traffic Monitoring and Report generation software	Set	1			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
I31	RLVD Software	Set	1			
I32	ANPR Software and Integration with RTO Database	Set	1			
I33	GIS Customization and Application					
Non-IT Components						
I32	UPS	Set	1			
I33	Diesel Generator Set	Set	1			
I34	Fire Alarm System	Set	1			
Secondary Data Center (Disaster Recovery Site) Infrastructure. Co-located to a Cloud service provider						
Common Secondary DC Infrastructure						
J1	Server Infra	Number	Actual Quantity to be arrived for solution			
J2	Storage Infra	Number	Actual Quantity to be arrived for solution			
J3	Security Infra	Number	Actual Quantity to be arrived for solution			
J4	DR Software	Number	Actual Quantity to be arrived for solution			
Training and Overall Project Management						
K1	Functional Training	Number	1			
K2	Administrative Training	Number	1			

Request for Proposal for Selection of System Integrator for Implementation of Pan-City ICT Components for Warangal Smart City

Sl.#	Line Item	Unit of Measurement	Quantity Proposed	Unit Base Price (INR excl. tax)	All taxes, levies, duties etc. as applicable (INR) (Per Unit)	Total Price incl. All taxes, levies, duties, etc.as applicable (INR) G = D*(E+F)
A	B	C	D	E	F	G = D*(E+F)
K3	Sr. Management Training	Number	1			
K4	Project Management/Coordination during implementation	Lumpsum	1			
K5	Security Audit Charges	Lumpsum	1			
K6	Operational Expenses during implementation	Lumpsum	1			
Total CAPEX Price (In Indian Rupees)						

*** For this project, required RoW/RI charges as necessary shall be borne by the Authority/ GWSCCL. However, bidders are required to provide detailed estimates of RoW/RI charges post award of the contract

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	Year 1 (INR incl. tax)	Year 2 (INR incl. tax)	Year 3 (INR incl. tax)	Year 4 (INR incl. tax)	Year 5 (INR incl. tax)	Total (Incl. of all taxes)
1	A. Infrastructure for Integrated Command & Control Center (ICCC) at GWMC						
2	B. Infrastructure for Integrated Command & Control Center (ICCC) at CP office						
3	C. Smart Data Center (DC) Infrastructure						
4	D. Secondary Data Center (Disaster Recovery Site) Infrastructure. Note: Co-located to a Cloud service provider						
5	E. Red Light Violation detection System (RVLD), ANPR						
6	F. Smart Environmental Sensors						
7	G. Variable Messaging Board,						
8	H. City/CCTV Surveillance						
9	I. City Bus Intelligent Transport System						
10	J. Training and Overall Project Management						
11	K. Facility Management, Technical & Operational support by Technical/Operational/Support personnel of SI						
12	L. Recurring Bandwidth expenses						
13	Total OPEX price						

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

9 Annexure 5 (a) – Performance Bank Guarantee

Ref: _____

Date _____

Bank Guarantee No. _____

<Name>

<Designation>

<Address><Phone

Nos.><Fax

Nos.><Email id>

Whereas, <<name of the supplier and address>> (hereinafter called “the System Integrator”) has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide Implementation services for <<name of the assignment>> to Greater Warangal Smart City Corporation Limited (hereinafter called “the Authority”)

And whereas it has been stipulated by in the said contract that the bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

And whereas we, <Name of Bank> a banking company incorporated and having its head/registered office at <Address of Registered Office> and having one of its office at <Address of Local Office> have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of Indian Rupees<Insert Value> (Rupees <Insert Value in Words> only) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of Indian Rupees<Insert Value> (Rupees <Insert Value in Words> only) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the bidder before presenting us with the demand.

We further agree 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 you and the System Integrator shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until <<Insert Date>>)

Notwithstanding anything contained herein:

I. Our liability under this bank guarantee shall not exceed Indian Rupees<Insert Value> (Rupees <Insert Value in Words> only).

II. This bank guarantee shall be valid up to <Insert Expiry Date>)

III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before <Insert Expiry Date>) failing which our liability under the guarantee will automatically cease.

Date _____

Place _____

Signature _____

Witness _____

Printed name _____

(Bank's common seal)

10 Annexure 5 (b) – Bank Guarantee for Earnest Money Deposit

To,

<Name>

<Designation>

<Address>

<Phone Nos.>

<Fax Nos.>

<Email id>

Whereas <<Name of the bidder>> (hereinafter called 'the System Integrator') has submitted the bid for Submission of RFP <<RFP Number>> dated <<Date>> for <<Name of the assignment>> (hereinafter called "the Bid") to <<Authority>> .

Know all Men by these presents that we <<... >> having our office at <<Address>> (hereinafter called "the Bank") are bound unto the <<Authority>> (hereinafter called "the Authority") in the sum of Indian Rupees<<Amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Authority, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <<Date>>.

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Authority during the period of validity of bid

- (a) Withdraws his participation from the bid during the period of validity of bid document; or
- (b) Fails or refuses to participate in the subsequent Tender process after having been short listed;

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

This guarantee will remain in force up to <<insert date>> and including <<extra time over and above mandated in the RFP>> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- I. Our liability under this Bank Guarantee shall not exceed Indian Rupees<<Amount in figures>> (Rupees <<Amount in words>> only)
- II. This Bank Guarantee shall be valid up to <<insert date>>)
- III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank

Guarantee on or before <<insert date>>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

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-2015>> “**Request for Proposal for Selection of System Integrator for Implementation of Greater Warangal Smart City Solutions**” (hereinafter called the said 'RFP') to the “Greater Warangal Smart City Corporation 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 - Consortium Agreement

DRAFT MEMORANDUM OF UNDERSTANDING EXECUTED BY MEMBERS OF THE CONSORTIUM

[On Non-judicial stamp paper of Indian Rupees 100 duly attested by notary public]

This Memorandum of Understanding (MoU) entered into this day of [Date] [Month] 2015 at [Place] among _____ (hereinafter referred to as "_____") and having office at [Address], India, as Party of the First Part and _____ (hereinafter referred to as "_____") and having office at [Address], as Party of the Second Part and _____ (herein after referred to as "_____") and having office at [Address], as Party of the Third Part.

The parties are individually referred to as Party and collectively as Parties.

WHEREAS Greater Warangal Smart City Corporation Limited has issued a Request for Proposal dated [Date] (RFP) from the Applicants interested in **Request for Proposal for Selection of System Integrator for Implementation of Greater Warangal Smart City Solutions for Authority:**

AND WHEREAS the Parties have had discussions for formation of a Consortium for bidding for the said Project and have reached an understanding on the following points with respect to the Parties' rights and obligations towards each other and their working relationship.

AS MUTUAL UNDERSTANDING OF THE PARTIES, IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:

- i. The purpose of this Agreement is to define the principles of collaboration among the Parties to:
Submit a response jointly to Bid for the **"Request for Proposal for Selection of Agency for Selection of Agency for Implementation of Greater Warangal Smart City Solutions"** as a Consortium.
 - a. Sign Contract in case of award.
 - b. Provide and perform the supplies and services which would be ordered by the Authority pursuant to the Contract.
- ii. This Agreement shall not be construed as establishing or giving effect to any legal entity such as, but not limited to, a company, a partnership, etc. It shall relate solely towards the Authority for **"Request for Proposal for Selection of Agency for Selection of Agency for Implementation of Greater Warangal Smart City Solutions"** for and related execution works to be performed pursuant to the Contract and shall not extend to any other activities.
- iii. The Parties shall be jointly and severally responsible and bound towards the Authority for the performance of the works in accordance with the terms and conditions of the BID document, and Contract.
- iv. ----- (Name of Party) shall act as Lead Partner of the Consortium. As such, it shall act as the coordinator of the Party's combined activities and shall carry out the following functions:
 - a. To ensure the technical, commercial and administrative co-ordination of the work package

- b. To lead the contract negotiations of the work package with the Authority.
- c. The Lead partner is authorized to receive instructions and incur liabilities for and on behalf of all Parties.
- d. In case of an award, act as channel of communication between the Authority and the Parties to execute the Contract

- v. That the Parties shall carry out all responsibilities as Developer in terms of the Project Agreement.

- vi. That the broad roles and the responsibilities of each Party at each stage of the Bidding shall be as below:

Party A: _____

Party B: _____

Party C: _____

- vii. That the Parties affirm that they shall implement the Project in good faith and shall take all necessary steps to see the Project through expeditiously.

- viii. That this MoU shall be governed in accordance with the laws of India and courts in Telangana State shall have exclusive jurisdiction to adjudicate disputes arising from the terms herein.

In witness whereof the Parties affirm that the information provided is accurate and true and have caused this MoU duly executed on the date and year above mentioned.

(Party of the first part) (Party of the second part) (Party of the third part)

Witness:

- i. _____
- ii. _____

13 Annexure 8 - Format for Power of Attorney to Authorize Signatory

POWER OF ATTORNEY

[To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the company who is issuing the power of attorney.]

We, M/s. _____ (name of the firm or company with address of the registered office) hereby constitute, appoint and authorise Mr. or Ms. _____ (Name and residential address) who is presently employed with us and holding the position of _____, as our Attorney to do in our name and our behalf all or any of the acts, deeds or things necessary or incidental to our RFP for the Project _____ (name of the Project), including signing and submission of the RFP response, participating in the meetings, responding to queries, submission of information or documents and generally to represent us in all the dealings with Client or any other Government Agency or any person, in connection with the works until culmination of the process of bidding till the Project Agreement is entered into with _____ (Client) and thereafter till the expiry of the Project Agreement.

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

(Add in the case of a Consortium)

Our firm is a Member or Lead bidder of the Consortium of _____, _____ and _____.

Dated this the _____ day of _____ 2017

(Signature and Name of authorized signatory)

(Signature and Name in block letters of all the remaining partners of the firm Signatory for the Company)

Seal of firm Company

Witness 1:

Witness 2:

Notes:

- a. To be executed by all the members individually.*
- b. 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.*

14 Annexure 9 - Format for Power of Attorney for Lead bidder of Consortium

[To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the company who is issuing the power of attorney]

Whereas _____ has invited RFP response for _____ (Name of the Project)

Whereas, the Members of the Consortium comprising of M/s._____, M/s._____, M/s._____ and M/s._____ (the respective names and addresses of the registered offices to be given) are interested in bidding for the Project and implementing the same in accordance with the terms and conditions contained in the RFP Documents.

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/Joint Venture, all acts, deeds and things as may be necessary in connection with the Consortium's/Joint Venture's RFP response for the Project.

NOW THIS POWER OF ATTORNEY WITNESSETH THAT

We, M/s._____ and M/s _____ and M/s_____ hereby designate M/s. _____ being one of the members of the Consortium/Joint Venture, as the lead member of the Consortium/Joint Venture, to do on behalf of the Consortium/Joint Venture, all or any of the acts, deeds or things necessary or incidental to the Consortium's/Joint Venture's RFP response for the Project, including submission of the RFP response, participating in meetings, responding to queries, submission of information or documents and generally to represent the Consortium in all its dealings with Client or any other Government Agency or any person, in connection with the Project until culmination of the process of bidding till the Project Agreement is entered into with Client and thereafter till the expiry of the Project Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this power of attorney and that all acts, deeds and things done by our aforesaid Attorney shall and shall always be deemed to have been done by us or Consortium/Joint Venture.

Dated this the _____ day of _____ 2017

(Signature)

(Name in Block Letter of Executant) *[Seal of Company]*

Witness 1

Witness 2

Notes:

To be executed by all the members individually, in case of a Consortium/Joint Venture.

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.

15 Annexure 10: 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

Greater Warangal Smart City Corporation Limited (hereinafter referred to as GWSCCL) 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 GWSCCL for the full scope of work as envisaged in the tender document as a main bidder and liaise with GWSCCL 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 GWSCCL including extension if any and till satisfactory performance of the contract in the event the contract is awarded by GWSCCL 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 GWSCCL for satisfactory execution of the contract.
5. However, the bidder shall have the overall responsibility of satisfactory execution of the contract awarded by GWSCCL.

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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16 Annexure 11: 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

Greater Warangal Smart City Corporation Limited, a statutory body under _____, having its Registered Office at _____, hereinafter called “GWSCCL” 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

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 GWSCCL, submitted their bid number to GWSCCL 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 GWSCCL at any stage.

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.

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.

Accordingly, at the request of the Company and in consideration of and as a requirement for GWSCCL 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 GWSCCL, take up the job without any demur or objection, in continuation and without loss of time and without any cost to GWSCCL and duly perform the obligations of the Company to the satisfaction of GWSCCL.
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 GWSCCL.

4. The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Company and GWSCCL. 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 Warangal , Telangana.
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 GWSCCL 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"