

**REQUEST FOR PROPOSAL (RFP) For Selection of Master System
Integrator for Implementation of
Integrated Command and Control Centre & Smart Components in
Saharanpur City**

Volume 1: Instruction to Bidders

Invited by

Saharanpur Smart City Limited
Saharanpur Nagar Nigam, Gurudwara Road,
Saharanpur, Uttar Pradesh, India

Tender Reference: 1/ICCC/SAHART/288

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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 Saharanpur Smart City Limited (henceforth referred to as "SSCL" 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 SSCL 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 Chief Executive Officer, SSCL 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. SSCL accepts no responsibility for the accuracy or otherwise for any interpretation of opinion on law expressed herein.

SSCL 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.

SSCL 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. SSCL 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 SSCL is bound to select a Bidder or to appoint the Selected Bidder (as defined hereinafter), for implementation and SSCL 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 SSCL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and SSCL 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	01/11/2019
2	Last date of receipt of queries on RFP	11/11/2019
3	Pre-bid Meeting date	13/11/2019 11:00 AM
4	Response to Pre-bid queries	18/11/2019
5	Last date for submission of Bid	04/12/2019 04:00 PM
6	Date of opening of Technical bids	04/12/2019 04:30 PM
7	Date of opening of Commercial bids	To be conveyed to the selected bidder
8	Date for PoC and Presentation	To be conveyed to the selected bidder

Glossary

Abbreviation	Description
ABG	Advance Bank Guarantee
AFCS	Automatic Fare collection Software
ANPR	Automatic Number Plate Recognition
SSCL	Saharanpur Smart City Limited
AVLS	Automatic Vehicle Location Software
BoM	Bill of Material
BOQ	Bill of Quantity
CA	Chartered Accountant
CAPEX	Capital Expenditure
CCA	Controller of Certifying Authorities
CCC	Command and Control Center
CCTV	Closed Circuit Television
COTS	Commercial Off The Shelf
CV	Curriculum Vitae
DC	Data Center
DR	Disaster Recovery
DRC	Disaster Recovery Center
DRM	Disaster Recovery Management
DSC	Digital Signature Certificate
EMD	Earnest Deposit Money
EMS	Enterprise Management System
ERP	Enterprise Resource Planning
GIS	Geographic Information System
GPRS	General Packet Radio Service
GPS	Global Positioning System
GSM	Global System for Mobile Communications
GST	Goods and Service Tax
HD	High Definition
HDPE	High Density Polyethylene
IBMS	Integrated Building Management System
ICCC	Integrated Command & Control Center
ICT	Information and Communication Technology
IEC	Information, Education and Communication
INR	Indian Rupee

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Abbreviation	Description
IP	Internet Protocol
IR	Infra-Red
IRC	Indian Road Congress
ISP	Internet Service Provider
ISO	International Organization for Standardization
ITMS	Intelligent Traffic Management System
KPI	Key Performance Indicator
KVM	Keyboard, Video display unit and Mouse unit
LAN	Local Area Network
LED	Light Emitting Diode
LOI	Letter of Intent
LOA	Letter of Award
MCR	Modern Control Room
MIS	Management Information System
MoU	Memorandum Of Understanding
MPLS	Multi-Protocol Label Switching
MSME	Micro, Small and Medium Enterprises
NDA	Non-Disclosure Agreement
NSP	Network Service Provider
OEM	Original Equipment Manufacturer
OPEX	Operating Expenditure
O&M	Operation and Maintenance
PAN	Permanent Account Number
PIS	Public Information System
PMO	Project Management Office
PoC	Proof of Concept / Pilot Demonstration
PTZ	Pan Tilt Zoom
QCBS	Quality and Cost Based Solution
RLVD	Red Light Violation detection
RFID	Radio-Frequency Identification
RFP	Request for Proposal
ROW	Right of Way
MSI	Master Systems Integrator
NOC	Network Operations Center
PKI	Public Key Infrastructure
PoC	Proof of Concept

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Abbreviation	Description
SCADA	Supervisory control and data acquisition
SLA	Service Level Agreement
SMC	Saharanpur Municipal Corporation
SOC	Service Operations Center
SSL	Secured Socket Layer
SWM	Solid Waste Management
TIA	Tender Inviting Authority
TPA	Third Party Auditor
UAT	User Acceptance Testing
UPS	Uninterrupted Power Supply
VMS	Video Management System
VTS	Vehicle Tracking System

Definitions

#	Term	Definition
1.	Agreement/ Contract	The Agreement entered between Authority and the Master Systems Integrator including all attachments, schedules, annexure thereto and all documents incorporated by reference therein and all amendments, corrigendum /corrigenda, changes thereto
2.	Authority	The use of term Authority in the RFP means “Saharanpur Smart City Limited” board/committee
3.	Bidder	The use of the term “Bidder” in the RFP means the Single Service Provider / firm or the Lead Member of the consortium of firms not exceeding four, who participate in the bidding process.
4.	Bid/Proposal	Offer by the Bidder to fulfil the requirement of the Client/Authority under the RFP/Contract for an agreed price. It shall be a comprehensive technical and commercial response to the RFP
5.	Breach	A breach by Bidder of any of its obligations under this RFP.
6.	Client	Refers to Saharanpur Smart City Limited (SSCL)
7.	Confidential Information	All information including Departmental data (whether in written, oral, electronic or other Format) which relates to the technical, financial and business affairs, dealers, suppliers, products, developments, operations, processes, data, trade secrets, design rights, know-how, plans, budgets and personnel of each department and its affiliates which is disclosed to or otherwise learned by the other Party in the course of or in connection with this RFP (including without limitation such information received during negotiations, location visits and meetings in connection with this RFP);
8.	Consortium	The consortium consist of multiple members (not more than 3 parties including the lead bidder) entering into a Consortium Agreement for a common objective of satisfying the Authority’s requirements & represented by Lead Member of the consortium
9.	Control	In relation to any business entity, the power of a person to secure a) by means of the holding of shares or the possession of voting power in or in relation to that or any other business entity, or b) by virtue of any powers conferred by the articles of association or other document regulating that or any other business entity, that the affairs of the first mentioned business entity are conducted in accordance with that person’s wishes and in relation to a partnership, means the right to a share of more than one half of the assets, or of more than one half of the income, of the partnership;

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#	Term	Definition
10.	Deliverables	Products, infrastructure and services agreed to be delivered by the Bidder in pursuance of the agreement as defined more elaborately in the RFP Implementation and the Maintenance phases and includes all documents related to the user manual, technical manual, design, process and operating manuals, service mechanisms, policies and guidelines (such as security related, data migration related), inter alia payment and/or process related etc., source code and all its modifications;
11.	e-procurement Portal	means the electronic tendering system of the Authority
12.	Intellectual Property Rights	Intellectual property rights include patents, copyright, industrial design rights, trademarks, plant variety rights, trade dress, geographical indications
13.	Month	The Month shall mean calendar month & Week shall mean calendar week
14.	Operating Cost	Operating Cost is the cost incurred by Authority after the Go-Live of the project
15.	Parties	Authority and Bidder for the purposes of this RFP and " Party " shall be interpreted accordingly.
16.	Performance Bank Guarantee	Unconditional guarantee provided by the Bidder from a Nationalized/Scheduled Commercial Bank in favour of the Authority for 10% of the Total Project Cost.
17.	Project Implementation	Project Implementation as per the testing standards and acceptance criteria prescribed by Authority or its nominated agencies;
18.	Request for Proposal/ RFP Document	Written solicitation that conveys to the Bidder, requirements for products/ services that the Authority intends to buy and implement
19.	Service Level	The level of service and other performance criteria which will apply to the Services delivered by the Bidder;
20.	SLA	Performance and Maintenance SLA executed as part of Master Service Agreement; as specified in Volume III

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

#	Term	Definition
21.	Software	Software designed, developed / customized, tested and deployed by the Bidder for the purposes of the Project and includes the source code (in case of Bespoke development) along with associated documentation, which is the work product of the development efforts involved in the Project and the improvements and enhancements effected during the term of the Project, but does not include the third party software products (including the COTS products used for the product), proprietary software components and tools deployed by the Bidder;
22.	Successful Bidder	The bidder who is qualified & successful in the bidding process and is given the award of Contract and will be referred to as Master Systems Integrator (MSI)
23.	Operations and Maintenance	Operations and Maintenance services for the software, hardware and other IT and Non-IT infrastructure installed as part of the project after Phase wise Go-Live and for a period of 5 years from the date of Go-Live.

1. Introduction

The Ministry of Urban Development, Government of India (GoI) has rolled out Smart City Mission on 25 June, 2015. Saharanpur was selected among 100 cities to be developed as smart city in India due to various achievements, initiatives and all-inclusive approach. Accordingly Saharanpur city had submitted “Smart City Proposal” (SCP) to Ministry of Urban Development, Government of India with required consent of Uttar Pradesh government and statutory authority of Saharanpur Municipal Corporation.

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

Saharanpur Smart City Limited (SSCL) now intends to select a Master System Integrator for the Implementation of Integrated Command and Control Centre (ICCC) and other smart components in Saharanpur.

1.1. Introduction to Saharanpur Smart City Projects

Pan-city development envisages application of selected Smart Solutions to the existing city-wide infrastructure. Application of smart solutions will involve the use of technology, information and data to make infrastructure and services better.

The strategic focus of technology intervention is on *total city management* by providing equal opportunity and easy access to each citizen, having common & open data platform, delivering a smart city which is environmentally clean and sustainable as well as providing a safe city to citizens especially women and children.

Saharanpur intends to implement certain ICT solutions for rolling out smart city which would ease citizen life in efficient and effective manner. The city will leverage the available resources and focus on larger development amounting to large share of public investment for implementing smart solutions. This will be achieved by maximizing reuse of existing infrastructure (ICT/non ICT), where advisable, creating a backbone for smarter initiatives in the future and modernizing service delivery. The overall ICT ecosystem of Saharanpur Smart City will have following components.

As a part of the Smart City initiatives Saharanpur envisages **“to improve quality of life and leverage economies of Wooden Handicraft and Agro Industries”**. Saharanpur has a strategic focus on development of indigenous product of the city such as handicraft as well as agro industries thereby enhancing local economic development. Goal of Saharanpur smart city is for inclusive and sustainable city development.

In its Smart City Proposal, Saharanpur Smart City has identified major initiative toward providing the citizen with a congestion free, safe and secure environment. The Pan City initiative will enable authority to provide the citizen with all municipal services in an app thereby enabling pro-active citizen participation. Apart from this there are few initiatives which are mentioned in the ABD areas where major ICT intervention will be involved. Such components will also be part of the deliverables under the PAN city projects. Finally, all the IT driven projects will be integrated with ICCC.

1.2. RFP Format

The objective of this RFP is to select a Master Systems Integrator (MSI) for implementation of Integrated Command & Control Center (ICCC) and Smart Components in Saharanpur city under the smart city initiatives of Saharanpur Smart City Limited (SSCL). 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

Volume 2 of the RFP provides information regarding the project components, scope of services, functional and technical specifications, design guidelines, Project Implementation Plan, details of the existing infrastructure and project geographical coverage.

3. RFP Volume 3: Master Service Agreement & Service Level Agreement

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

1.3. Fact Sheet

Sl.	Item	Description
1	Name of the Assignment	Request for Proposal for Selection of Master Systems Integrator (MSI) for Implementation of Integrated Command & Control Center (ICCC) & Smart Components in Saharanpur City
2	Method of Selection	The method of selection is QCBS (Quality Cum Cost based selection). The weightage given to the technical and financial score will be 70% and 30% respectively. The contract will be awarded to the bidder scoring maximum marks after technical and financial valuations as per qualifying criteria.
3	Availability of RFP Documents	https://etender.up.nic.in
3	RFP date	01/11/2019
4	Tender Reference Number	1/ICCC/SAHART/288
5	Last date and time for submission of Proposal (Proposal Due Date)	04/12/2019 04:00 PM
6	Date, time and Venue of Pre-Bid Conference	13/11/2019 11:00 AM at Circuit House, Saharanpur
7	Last date for receiving Pre bid queries/clarifications	11/11/2019
8	Date, time and venue of opening of Pre-qualification and technical proposals	04/12/2019 04:30 PM at Saharanpur Smart City Ltd. Office, Nagar Nigam Saharanpur, Gurudwara Road, Saharanpur
9	Date, time and Venue of opening of financial proposal	To be conveyed to qualified Bidders
10	Date of PoC and Presentation	To be conveyed to qualified Bidders
11	Bid Processing Fee (Non-refundable)	INR 29,500 (INR Twenty nine thousand five hundred only) inclusive of taxes payable online only
12	Bid Security / EMD (Refundable)	INR 2,00,00,000 (INR Two Crores)
13	Performance Bank Guarantee	10% of the total contract value
14	For any enquiries and clarifications, please contact:	Alok Srivastava Nodal Officer, Saharanpur Smart City Ltd., Saharanpur Nagar Nigam Gurudwara Road, Saharanpur Mobile: 8477008010

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		Email: smartcitysaharanpur@gmail.com
15	Validity of the Proposal	Bidder proposals shall remain valid for a period of 180 days from last date of submission of Bid.
16	Currency	Currency in which the Bidders may quote the price and will receive payment is Indian Rupees only.
17	Bank Account Details	Bank Name: Punjab National Bank Acc. Holder Name: Saharanpur Smart City Limited Acc. No.: 0294001100000827 IFSC Code: PUNB0047800

Important Note: Proposals/Bids submitted without Bid processing fee and Bid Security shall summarily be rejected.

2. Instructions to the Bidder

2.1. Instructions for Online Bid submission

1. Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e Procurement at <https://etender.up.nic.in>.
2. Possession of valid Digital Signature Certificate (DSC) and enrollment/registration of the contractors/bidders on the e-Procurement/e-tender portal are prerequisite for e-tendering.
3. Bidder should register for the enrollment in the e-Procurement site using the “Online Bidder Enrollment” option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the bidders should provide only valid and true information including valid email id. All the correspondence shall be made directly with the contractors/bidders through email id as registered.
4. Bidder need to login to the site through their user ID/ password chosen during enrollment/registration.
5. Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/TCS/nCode/eMudra or any other Certifying Authority recognized by Controller of Certifying Authorities (CCA) India on eToken/Smart Card, should be registered.
6. The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
7. Contractor/Bidder may go through the tenders published on the site and download the tender documents/schedules for the tenders.
8. After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
9. Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
10. Bidder may log in to the site through the secured login by the user id/ password chosen during enrolment/registration and then by submitting the password of the e-Token/Smartcard to access DSC.
11. Bidder may select the tender in which he/she is interested in by using the search option and then move it to the ‘my tenders’ folder.
 - a. From my tender folder, he may select the tender to view all the details uploaded there.
 - b. It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the incomplete bid shall stand rejected.
 - c. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and ordinarily it shall be in PDF/xls/rar/jpg/dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with

black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast.

- d. The Bidders can update well in advance, the documents such as certificates, annual report details etc., under “My Space option” and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
- e. Bidder should submit the Tender Fee/ EMD as specified in the tender. The hard copy should be submitted in sealed envelope strictly in person/RPAD/Postal Speed Post addressing to the Tender Inviting Authority, within bid submission due date and time as indicated in the tender. Scanned copy of the instrument should be uploaded as part of the offer.
- f. While submitting the bids online, the bidder shall read the terms & conditions and may accept the same to proceed further to submit the bid packets.
- g. The bidder has to select the payment option as offline to pay the Tender FEE/ EMD as applicable and enter details of the instruments.
- h. The details of the DD/any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection.
- i. The bidder has to digitally sign and upload the required bid documents one by one as indicated. Very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
- j. The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.
- k. If the price bid format is provided in a spread sheet file like BoQ_XXXX.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid/BOQ template shall not be modified / replaced by the bidder; else the bid submitted is liable to be rejected for the tender.
- l. The bidders are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the bidders.
- m. After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
- n. The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e-Tender system. The bidders should follow such time during bid submission.

- o. All the data being entered by the bidders would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
- p. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- q. The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- r. The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
- s. For any queries regarding e-Tendering process, the bidders may contact at address as provided in the tender document. For any further queries, the bidders are advised to send a mail mentioned in the Fact Sheet.

2.2. General

1. 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.
2. 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 project by the Authority on the basis of this RFP.
3. 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.
4. Bids shall be received by the Authority on the e-Procurement portal <https://etender.up.nic.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 being declared a public holiday by the Government of Uttar Pradesh, 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.
5. Telex, cable or facsimile offers will be rejected.

2.3. Eligible Bidders

Bids may be submitted by either of the following categories of bidders only:

The Bidder can be either a Single Master Systems Integrator (MSI) or a Consortium of companies/ corporations as described below.

Sole Bidder	<ul style="list-style-type: none"> • Must be a System Integrator company which has the capabilities to deliver the entire scope as mentioned in the RFP • Cannot bid as part of any other consortium bid under this RFP • Should be registered under the Companies Act 1956 in India • Should be in operation in India for a period of at least 7 years as on publication of bid
Consortium #	<ul style="list-style-type: none"> • Maximum of 4 companies are allowed in a consortium including Lead Bidder • All the member should be registered in India under Companies Act 1956/2013 • Should be in operation in India for a period of at least 3 years as on publication of bid • The Lead bidder shall be jointly and severally responsible for complete scope including meeting the SLAs, whereas consortium partners shall be severally responsible only for its respective scope.
<ul style="list-style-type: none"> • # In case of consortium, the list of participants need to be declared • Consortium members cannot be changed during the project period. • Any of the Lead Bidders/ non lead bidders cannot be a Consortium Member with any other bid. • It is the responsibility of the lead Bidder to ensure that all the other Consortium Members in the bid are compliant to all the clauses as mentioned in the bid, failing which bid can be disqualified. 	

The Lead Bidder shall be authorized by the consortium members for

1. The management of all Consortium members
2. The Lead Bidder would have the sole responsibility of ensuring the delivery of products and services mentioned in all volumes of this RFP. The Lead Bidder would also be responsible for ensuring the successful execution of integrated solution including meeting the SLAs. The list of Consortium Members needs to be declared in the bid which cannot be changed by the bidder later on. Any change in the consortium partner will need to be approved by Authority.
3. To incur liabilities and receive instructions for and on behalf of any and all consortium members.
4. Entire execution of the Contract, receipt of payments etc. on behalf of consortium
5. Ensuring that all the bid compliance are met by the consortium members (mentioned in the bid, failing which bid can be disqualified)
6. The supply, delivery and installation of all products and services in their bid and as part of the contract

7. Responsible for the functioning of the proposed solution in totality to meet the Authority requirements outlined in the RFP

Consortium Conditions

1. The number of consortium members cannot exceed four, including the Lead Bidder
2. The entity submitting the Bid as a Lead Bidder cannot be a Consortium partner of any other Bidder
3. The Consortium partners cannot be Sole Bidder/Lead Bidder/Consortium Partner with another Bidder in a separate Bid submitted against this RFP.
4. The Sole Bidder cannot be a Lead Bidder or Consortium partner of any other Bidder
5. The OEM's participating as Consortium partner in one bid cannot participate as OEM in another bid
6. Consortium members must provide a Memorandum of Understanding (MoU) as per Annexure – 7, covering above points and showing their intention to enter into such an Agreement at the time of bidding along with Pre-Qualification Bid.

Bidders should include Micro, Small and Medium Enterprises (MSMEs) in the delivery of the project.

2.4. Compliant Bids/Completeness of Response

1. 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.
2. Failure to comply with the requirements of this RFP may render the bid non-compliant and the Bid may be rejected. Bidders must:
 - a. Include all documentation specified in this RFP, in the bid
 - b. Follow the format of this RFP while developing the bid and respond to each element in the order as set out in this RFP
 - c. Comply with all requirements as set out within this RFP

2.5. 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 and time for Submission of Pre-Bid Queries, and submit them to Authority in writing in order that such doubt may be removed or clarifications are provided.

2.6. Bid Preparation costs

The Bidder shall bear all costs associated with the preparation and submission of its bid.

2.7. Pre-Bid Meetings & Clarifications

2.7.1. 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 through e-mail in the editable excel sheet format only (Annexure 1), along with covering letter specifying name and details of the organization submitting the queries. No query will be accepted after the last date of receiving 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.

2.7.2. 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.

Pre-bid meeting will be held on the date and venue indicated in Section 1.3 of the RFP Volume 1.

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 web portals mentioned in the fact sheet. Any such corrigendum shall be deemed to be incorporated into this RFP.

2.8. RFP Document Fee

1. RFP can be downloaded from the web portals mentioned in the fact sheet.
2. Tender Processing Fee as indicated in the fact sheet. The tender fee shall be non-refundable.
3. Without the payment of tender fee the bids will be taken as incomplete and non-responsive and shall be rejected.

2.9. Earnest Money Deposit (EMD)

1. The Bid shall contain EMD as mentioned in the Section 1.3 of the RFP Volume 1 in the form of Bank Guarantee (Annexure 5(A)). The EMD shall be from a Nationalized Bank/ Scheduled bank payable on demand at any of the bank branch at the Saharanpur. **No exemption for submitting the EMD will be given to any agency.** EMD/Bid security in any other form will not be entertained. The EMD shall be valid as per the validity of bid and extendable upon request by the Authority, from the date of last date of submission of bid. The Bidders shall upload the scanned copy of Bank Guarantee in the e-portal along with the Technical Bid documents. However, the original Bank Guarantee shall be submitted by the Bidder to the Authority on or before the time & date fixed for opening of the Technical Bids. Failure to do so, the Bid will be treated as non-responsive and will be rejected.
2. For Unsuccessful Bidders: The Bid Security of all Unsuccessful Bidders would be returned without interest, after submission of Performance Bank Guarantee / Additional bank guarantee by the Successful Bidder.

3. For Successful bidders: The Bid Security of the Successful Bidder would be returned without interest upon submission of Performance Bank Guarantee / additional bank guarantee by the Successful Bidder.
4. The Bidder shall be disqualified from the evaluation process if the prescribed EMD is not submitted (scanned copy as well as the original BG) along with the bid.
5. The Bid Security may be forfeited in any of the following circumstances:
 - If a Bidder withdraws its bid during the period of bid validity; or
 - In the case of a successful Bidder, if s/he fails to submit the Performance Bank Guarantee and/or sign the Contract in accordance with this RFP

2.10. Bid Validity Period

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

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

The two bids system shall be followed. Technical and Commercial Offers shall be uploaded separately through the e - Procurement portal.

2.11. Contents of Bid

Document Set	Name of Document	Content
One	RFP Document fee & Earnest Money Deposit	<ol style="list-style-type: none"> a. RFP Document Fee receipt b. Earnest Money Deposit (EMD) receipt
Two	Pre-Qualification Bid	<ol style="list-style-type: none"> a. Pre-Qualification bid as per Section 3.5 and Section 6 (Annexure 2) along with the required supporting documents. b. No Deviation Certificate as per Section 6.6 c. Total Responsibility as per section 6.7 d. Declaration as per Section 6.5
Three	Technical bid	<ol style="list-style-type: none"> a. Technical Bid as per section 3.6 and Section 7 (Annexure 3) : Formats for submission of the Technical Bid along with the required supporting documents b. Response to Functional Requirement Specification (FRS) and Technical Requirement Specifications (TRS) c. Proof of Concept and Presentation to the Authority/ Committee appointed by the Authority
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.

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- 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 and shall only be through web sites as mentioned in the Fact Sheet.

2.12. Bid Formats

Bidder shall prepare compliance documents against each of the serial numbers of the Pre-Qualification Bid format given below in pdf format as per the nomenclature given in the column “Doc Ref” and these PDF documents shall be uploaded in the web portal as part of Pre-Qualification Bid

2.12.1. Pre-Qualification Bid Format

S. No.	Description	Documents/Format	Doc Ref
1.	Pre-Qualification Checklist	As per format mentioned in Section 6.1 of Annexure 2	QP_1
2.	Pre-Qualification Bid Covering Letter	As per format mentioned in Section 6.2 of Annexure 2	QP_2
3.	Particulars of the bidders	As per format mentioned in Section 6.3 of Annexure 2	QP_3
4.	Power of attorney / board resolution to the authorized Signatory of the Bid	As per format mentioned in Annexure 8	QP_4
5.	Consortium agreement (if applicable)	As per format mentioned in Section 6.5 of Annexure 2	QP_5
6.	EMD of amount as per the Fact Sheet	As per format mentioned in Annexure 5 (A)	QP_6
7.	Bid processing fee (Non-refundable)	As per the Fact Sheet	QP_7
8.	Project Experience	As per criteria mentioned in section 3.5 and format mentioned in Section 7.8 as applicable	QP_8
9.	PAN documents	Copy of PAN documents	QP_9
10.	GST registration	Copy of GST registration	QP_10
11.	No Deviation Certificate	As per format mentioned in Section 6.6 of Annexure 2	QP_11
12.	Total Responsibility Certificate	As per format mentioned in Section 6.7 of Annexure 2	QP_12

2.12.2. Technical Bid Format

Bidder shall prepare compliance documents against each of the serial numbers of the Technical Bid format given below in pdf format as per the nomenclature given in the column “Doc Ref” and these pdf documents shall be uploaded in the e-procurement portal as part of Technical Bid

S. No.	Checklist Item	Format	Doc ref
1.	Technical Bid Checklist	As per format mentioned in Section 7.2 of Annexure 3	TB_1
2.	Technical Bid Covering Letter	As per format mentioned in Section 7.3 of Annexure 3	TB_2
3.	Proposed CVs	As per format mentioned in Section 7.4 of Annexure 3	TB_3
4.	Credential summary	As per format mentioned in Section 7.5 of Annexure 3	TB_4
5.	Bidder’s Experience	As per the criteria mentioned in section 3.6 and format mentioned in section 7.6 of Annexure 3	TB_5
6.	Project plan and manpower plan	As per format mentioned in Section 7.7, 7.8 & 7.9 of Annexure 3	TB_6
7.	Compliance to benchmark/ minimum specifications	As per format mentioned in Section 7.10 of Annexure 3	TB_7
8.	Manufacturers’/Producers’ Authorization Form	As per format mentioned in Section 7.11 of Annexure 3	TB_8
9.	Anti-Collusion certificate	As per format mentioned in Section 7.12 of Annexure 3	TB_9
10.	Detailed proposed solution	As per format mentioned in Section 7.13 of Annexure 3	TB_10
11.	Proposed Bill of Material	As per format mentioned in Section 7.14	TB_11
12.	Non-disclosure agreement	As per format mentioned in Section Annexure 6	TB_12

2.12.3. Price Bid Format

The Bidder must submit the Price Bid in the formats specified in Section 8 of Annexure 4

S. No.	Parameter	Format
1.	Total Price Summary	As per format mentioned in Section 8.1
2.	Price component for CAPEX	As per format mentioned in Section 8.2.2
3.	Price component for OPEX	As per format mentioned in Section 8.2.3

2.13. Language of the Bid

The bids prepared by the Bidder and all subsequent correspondence and documents relating to the bids exchanged by the Bidder and client shall be written in English language. Any printed literature furnished by the Bidder, written in another language, shall be accompanied by an accurate English translation, in which case, for purposes of interpretation of the Bid, the English translation shall govern.

2.14. Hand written documents, Erasures or Alterations

The offers containing erasures or alterations will not be considered. There should be no hand-written material, corrections or alterations in the offer. Filling up of the information using terms such as "OK", "noted", "as given in brochure/manual" is not acceptable and may lead to the disqualification of the Bid.

2.15. Submission of Bid

Bidders mandatorily need to submit Scanned copy of RFP Fees, EMD, PQ response, Technical Response & Commercial Response through e-Procurement Portal only within the date & time mentioned in the Fact Sheet of this RFP.

2.16. Authentication of 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 as indicated in Annexure 8 & 9.

2.17. Amendment of the RFP Document

At any time prior to the submission of bids, Authority for any reason whatsoever, may, modify any element of the RFP Document by issuing a corrigendum. For the sake of interpretation, the content of any corrigenda issued by the Authority shall be read as a part of the original RFP Document. In each instance in which provisions of the Corrigenda contradict or are inconsistent/inapplicable with the provisions of the RFP, the provisions of the Corrigenda shall prevail and govern, and the contradicted or inconsistent/inapplicable provisions of the RFP shall be deemed amended accordingly.

The Authority may in its sole discretion consider extension of deadlines for submission of the bids, in order to allow prospective bidders reasonable time to take the amendment into account while preparing their bids. All the communications with regards to the clarifications / corrigendum shall be uploaded in the website of client and on e-procurement website.

It shall be the responsibility of the prospective bidder(s) to check the Authority's website and e-procurement portal 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.

2.18. Bid Prices

The Bidder shall indicate in the proforma prescribed, the unit rates and total Bid Prices for the product and services, it proposes to provide under this RFP. Prices should be shown separately for each item as detailed in this document.

The Bidder shall prepare the Bid based on details provided in the RFP document. It must be clearly understood that the Scope of Work is intended to give the Bidder an idea about the order and magnitude of the work and is not in any way exhaustive and guaranteed by the Authority. The Bidder shall carry out all the tasks in accordance with the requirement of the RFP document & with due diligence. It shall be the responsibility of the Bidder to fully meet all the requirements and objectives of the RFP. If during the course of execution of the project any minor revisions to the work requirements like technical specifications, equipment sizing, etc. are to be made to meet the goals of the Project; such changes shall be carried out within the proposed price. If any

deviation has a major impact on the Project Cost, the Authority shall take appropriate decision and such decisions would be binding on the Bidder.

2.19. Firm Prices

Prices quoted in the Bid must be firm and shall not be subject to any modifications, on any account whatsoever. The Bid Prices shall be indicated in Indian Rupees (INR) only.

The Price Bid should clearly indicate the price quoted without any ambiguity whatsoever and should include all applicable taxes, duties, fees, levies, and other charges as may be applicable in relation to the activities proposed to be carried out. Should there be a change in applicable taxes, the actual taxes on the date of billing would prevail.

Prices in any form or by any reason before opening the Price Bid should not be revealed, failing which the offer shall be liable for rejection. If price change is inevitable due to any factor external to the bidders, the bidders may be given chance to submit revised Bids in a separate sealed cover. Decisions of the Authority shall be final in this regard.

2.20. Inspection of Site and sufficiency of RFP

Bidder is expected to work out their own rates based on the detailed description of scope of work, the specifications, SLA conditions, etc. and should judiciously arrive at the bidding price. The Bidder shall be deemed to have satisfied itself before Bid submission as to correctness and sufficiency of its bid. The rates quoted by bidder shall cover all its obligations under the RFP necessary for proper execution of the project including O&M.

If necessary, before submitting its Bid the Bidder should inspect and examine various sites and its surroundings and shall satisfy itself about form and nature of the Sites (including camera locations), means of access to the Sites, and in general, obtain all necessary information which may influence or affect Project implementation and operationalization. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

2.21. 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 6.6. The bids with deviation(s) are liable for rejection.

2.22. 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 6.7.

2.23. Late Bids

Late submission will not be entertained and will not be permitted.

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

Authorities shall not be responsible for any non-receipts/non-delivery of the documents due to technical snag whatsoever at Bidder's end. No further correspondence on the subject will be entertained.

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

2.24. 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.

2.25. 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.

2.26. 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.

2.27. 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 Annexure 6.

2.28. 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 / same consortium 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. Bids without EMD will be disqualified

2.29. 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 3.6.3

2.29.1. 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.

2.29.2. 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.

2.29.3. Replacements

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.

2.29.4. 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, 15 percent or more of the members of the Key Personnel cease or reduce their involvement in the Services for any reason other than with Authority's prior written consent, Bidder shall:

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

2.30. 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.

2.31. 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.
- c. Uttar Pradesh government expects Bidders to provide professional, objective, and impartial advice and at all times hold the Client’s interests paramount, without any consideration for future work, and strictly avoid conflicts with other assignments or their own corporate interests. Bidders shall not be hired for any assignment that would be in conflict with their prior or current obligations to other clients, or that may place them in a position of not being able to carry out the assignment in the best interest of the Client.

- d. Bidders or any of their affiliates / key personnel shall not be hired for any assignment which, by its nature, may be in conflict with another assignment of the bidder.

2.32. Sub-Contracting

Sub-contracting shall be allowed only to non-IT infrastructure works like;

- i. Field Surveys required for the projects in scope
- ii. Passive Networking & Civil Work during implementation,
- iii. FMS staff for non- IT support during post-implementation

However, even if the work is sub-contracted, the sole responsibility of the work shall lie with the Lead Bidder or sole bidder. The lead bidder or sole 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.

2.33. Inclusion of MSMEs in Project Delivery

Bidders should 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 2,32.

2.34. Eligible Goods and Services, and OEM Criteria:

1. For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, transportation, supply, installation, integration, testing, commissioning, training, and initial maintenance.
2. The Bidder shall quote only one specific make and model from only one specific OEM, for each of the goods. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item code and names and with printed literature describing configuration and functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document by the Bidder.
3. The OEM for each products or technology quoted should be in the business of that product or solution or technology for at least 3 years in India as on the date of release of the RFP
4. The OEM for all active components should give a declaration that products or technology quoted are neither end-of- sale nor end-of-life till 18 months from the date of commissioning and are not end-of-support till the successful completion of project.
5. The proposed OEM should have installed base of at least 20% of the quoted product or technology.
6. Bidder must quote products in accordance with above clause “Eligible goods and related services.
7. The OEM of each product or technology should have quality certifications like ISO 27000/ISO 9001:2000/ISO 14001 or equivalent wherever applicable to ensure only quality OEM participation, valid as on date of RFP release
8. The bidder’s proposed OEM should not have been blacklisted by any State / Central Government Department or Central /State PSUs /ULBs/Smart City SPVs/Multilateral Banks

9. Each of the proposed OEMs should have service centre in India with 24X7 support since 3 years as on date of release of RFP
10. The Goods and Services to be supplied, installed and/or performed by the Bidder conform to the RFP requirements.
11. The bidder shall not propose any freeware software/community edition as part of ICCC project and thus minimize the chances of severe security risks.
12. 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 disqualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid.

2.35. Right to vary quantity

1. 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.
2. 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.
3. 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.
4. During the course of implementation and detailed due diligence it may be required to vary the quantity and location of the field devices to suit the overall smart city requirements. The MSI/consortium should be required to provision and supply such field devices and the backend resources at the unit rates quoted in the tender response. Such escalations/additions may go up to 20% of the specified BOQ.

2.36. Right to vary the scope of Work

2.36.1. Right to vary the scope of the work at the time of award

The Authority reserves its right to make changes to the scope of the work at the time of execution of the resultant Agreement. If any such change causes an increase or decrease in the cost of, or the time required for the MSI's performance of any part of the work under the Agreement, whether changed or not changed by the order, an equitable adjustment (if required) shall be made in the Contract Value or time schedule, or both, and the Agreement shall accordingly be amended. Any claims by the MSI for adjustment under this Clause must be asserted within thirty (30) days from the date of the MSI's receipt of the client changed order.

2.36.2. Cost Control

2.36.2.1. Bill of Quantities

The Bill of Quantities will contain the requisite items and their estimated quantities for the project work to be done by the MSI.

2.36.2.2. Changes in the Quantities

- a. The MSI is bound to execute all the supplemental works that are found essential, incidental and inevitable during execution of project works.
- b. The payment of rates for any supplemental items beyond the quantities estimated in the BoQ will be regulated as under:
 - i. For quantities in excess of the proposed BoQ, the Authority/PMO or any authorized official/agency nominated by the Authority shall validate the requirements and necessity of variations in quantity or extra items after due diligence, based on site conditions and work contingencies.
 - ii. The recommendations of the PMO or any authorized official/ agency nominated by the Authority will be submitted to the Authority for its consideration and necessary approval.
 - iii. For variation in quantities excess or less of the proposed quantity in BoQ, the unit rates quoted by the bidder in his Price Bid under Format 2 of Annexure 4 on mutually agreed terms and conditions shall be applicable.

2.36.2.3. Extra (New) Items

- a. Extra items of work shall not vitiate the contract. The reimbursement for extra items shall be validated by the Project Management Office (PMO) and cleared by the Authority. The MSI shall be bound to execute extra items of work as directed by the Authority. The rates for extra items shall be worked out based on the unit rates quoted by the Bidder in Price Bid as per mutually agreed terms and conditions.
- b. For new items which are beyond the scope of the BoQ, the Project Management Office (PMO) or any authorized official/ agency shall validate the requirements and necessity of such new/extra items after due diligence, based on site conditions and work contingencies.
- c. The bidder shall submit in writing well in advance at least 14 days before the Authority a statement of extra items if any that they need to initiate during the course of project works.

2.36.2.4. Payment Certificates

- a. The Bidder shall submit to the Authority monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- b. The value of work executed shall be determined by the Authority.
- c. The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.

- d. The Authority may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

2.37. Withdrawal, Substitution and Modification of Bids

1. 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
2. Bids withdrawn shall not be opened and processed further.

2.38. Rejection criteria

Besides other conditions and terms highlighted in the RFP Document, bids may be rejected under following circumstances:

2.38.1. General rejection criteria

- a) Conditional Bids;
- b) If the information provided by the Bidder is found to be incorrect / misleading / fraudulent at any stage / time during the RFP Evaluation Process;
- c) Any effort on the part of a Bidder to influence the bid evaluation, bid comparison or contract award decisions;
- d) Bids received after the prescribed time & date for receipt of bids;
- e) Bids without signature of person (s) duly authorized on required pages of the bid;
- f) Bids without power of attorney/ board resolution or its certified true copy.
- g) Bids received without submission of the prescribed Bid processing fee and EMD.
- h) Bidder tries to influence the bid evaluation process by unlawful/corrupt/fraudulent means at any point of time during the bid process
- i) In case any bidder 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
- j) If any of the Lead Bidder is also consortium member in any other bid, then all the affected bids shall be disqualified

2.38.2. Pre-Qualification rejection criteria

- a) Bidders not complying with the Eligibility Criteria given in this RFP ;
- b) Revelation of prices in any form or by any reason before opening the Price Bid;
- c) Failure to furnish all information required by the RFP Document or submission of a Bid not substantially responsive to the RFP Document in any aspect;

2.38.3. Technical rejection criteria

- a) Technical Bid containing Price details;
- b) Revelation of Prices in any form or by any reason before opening the Price Bid;
- c) Failure to furnish all information required by the RFP Document or submission of a Bid not substantially responsive to the RFP Document in any aspect;

- d) Bidders not quoting for the complete scope of work as indicated in the RFP Documents, addendum /corrigendum (if any) and any subsequent information given to the Bidder;
- e) Bidders not complying with the Technical/Functional and General Terms and conditions as stated in the RFP Documents;
- f) The Bidder not confirming unconditional acceptance of full responsibility of providing services in accordance with the scope of work and Service Level Agreements of this RFP

2.38.4. Price Bid Rejection Criteria

- a) Incomplete Price Bid;
- b) Price Bids that do not conform to the RFP 's Price Bid Format;
- c) If there is an arithmetic discrepancy in the Price Bid calculations the RFP Evaluation Committee shall rectify the same. If the Bidder does not accept the correction of the errors, its Bid may be rejected.

2.39. Concessions permissible under statutes

Bidder, while quoting against this RFP, must take cognizance of all concessions permissible, if any, under the statutes and ensure the same is passed on to the Authority, failing which it will have to bear extra cost. In case Bidder does not avail concessional rates of levies like customs duty, excise duty, sales tax, etc. client will not take responsibility towards this. However, the Authority may provide necessary assistance, wherever possible, in this regard.

2.40. Taxes

The Bidders shall fully familiarize themselves about the applicable domestic taxes (such as GST, value added or sales tax, service tax, income taxes, duties, fees, levies etc.) on amounts payable by client under the Agreement. All such taxes must be included by Bidders in the Price Bid.

2.41. Audit, Access and Reporting

This following details the audit, access and reporting rights and obligations of Authority and/or its nominated agency and the Master systems Integrator and its subcontractors, agents, supplier etc. This Schedule is in addition to, and in derogation of, the audit rights and process provided in the RFP.

2.41.1. Audit Notice and Timings

- a. As soon as reasonably practicable after the Effective Date, the Parties shall use their best endeavours to mutually agree to a timetable for routine audits (Other than those mentioned as part of the mandatory requirements for successful delivery and acceptance of the System) during the Project Implementation Phase and the Operation and Maintenance Phase. Authority shall conduct routine audits in accordance with such agreed timetable and shall not be required to give the Master systems Integrator any further notice of carrying out such audits.
- b. Authority may conduct unscheduled audits at its own discretion if it reasonably believes that such unscheduled audits are necessary as a result of a misconduct or an act of fraud by the Master systems Integrator, a security violation, or breach of confidentiality obligations by the Master Systems Integrator, provided that the requirement for such an audit is notified in writing to the Master Systems Integrator a reasonable period time prior to the

audit (taking into account the circumstances giving rise to the reasonable belief) stating the reasons for the requirement.

- c. Except as provided in Para a and b above, audits shall be conducted with adequate notice of 2 weeks to the Master systems Integrator.

2.41.2. Access

The Master Systems Integrator shall provide to Authority and/ or its nominated agency reasonable access to employees, subcontractors, suppliers, agents and third party facilities as detailed in the RFP, documents, records and systems reasonably required for audit and shall provide all such persons with routine assistance in connection with the audits and inspections. Authority or its nominated agency shall have the right to copy and retain copies of any relevant records. The Master Systems Integrator shall make every reasonable effort to co-operate with them.

2.41.3. Audit Rights

Authority and/or its nominated agency shall have the right to audit and inspect suppliers, agents, subcontractors and third party facilities (as detailed in the RFP), data center, documents, records, procedures and systems relating to the provision of the services, but only to the extent that they relate to the provision of the services, as shall be reasonably necessary to verify:

- a. The security, integrity and availability of all data processed, held or conveyed by the [Master systems Integrator] on behalf of Authority and documentation related thereto;
- b. That the actual level of performance of the services is the same as specified in the SLA;
- c. That the Master Systems Integrator has complied with the relevant technical standards, and has adequate internal controls in place; and
- d. The compliance of the Master Systems Integrator with any other obligation under the Agreement.
- e. Unless otherwise provided in the RFP, Security audit and implementation audit of the system shall be done once each year, the cost of which shall be borne by Authority.

For the avoidance of doubt the audit rights under this Schedule shall not include access to (i) the Master Systems Integrator's profit margins or overheads, (ii) any Confidential Information relating to the Master Systems Integrator's employees, or (iii) minutes of its internal Board or Board committee meetings including internal audit, or (iv) such other information of commercial-in-confidence nature which are not relevant to the services associated with any obligation under the Agreement.

2.41.4. Audit rights of Subcontractors, Suppliers and agents

- a. The Master Systems Integrator shall use reasonable endeavours to achieve the same audit and access provisions as defined in this Schedule with subcontractors, suppliers and agents who supply labour, services, equipment or materials related to performance of obligations by Master Systems Integrator under this Agreement. Without prejudice to its other obligations under the Agreement, the Master Systems Integrator shall inform Authority and/or its nominated agency prior to concluding supply/ subcontract agreements of any failure to achieve the same rights of audit or access.

- b. REPORTING: The Master Systems Integrator will provide quarterly reports to Authority and/or its nominated agency regarding any specific aspects of the Project and in context of the audit and access information as required by Authority or its nominated agency.

2.41.5. Action and review

- a. Any change or amendment to the systems and procedures of the Master Systems Integrator, where applicable arising from the audit report shall be agreed within thirty (30) calendar days from the submission of the said report.
- b. Any discrepancies identified by any audit pursuant to this Schedule shall be immediately notified to Authority or its nominated agency and the Master Systems Integrator's Project Manager who shall determine what action should be taken in respect of such discrepancies in accordance with the terms of this Agreement.

2.42. Records and Information

For the purposes of audit in accordance with this Schedule, the Master System Integrator shall maintain true and accurate records in connection with the provision of the services and the Master System Integrator shall handover all the relevant records and documents upon the termination or expiry of this Agreement.

2.43. Terms of Payment

- a. The request for payment shall be made to the Authority in writing, accompanied by invoices describing, as appropriate, the services performed, and by the required documents submitted pursuant to conditions of the contract and upon fulfilment of all the obligations stipulated in the Contract.
- b. Due payments shall be made promptly by the Authority, within forty five (45) days after submission and acceptance of an invoice or request for payment by MSI
- c. Due payments for partial delivery of equipment's and goods shall be made by the Authority at its discretion, within forty five (45) days after submission and acceptance of an invoice or request for payment by MSI
- d. The currency or currencies in which payments shall be made to the MSI under this Contract shall be Indian Rupees (INR) only.
- e. All remittance charges shall be borne by the MSI.
- f. In case of disputed items, the disputed amount shall be withheld and shall be paid only after settlement of the dispute.
- g. Any penalties/ liquidated damages, as applicable, for delay and non-performance, as mentioned in this RFP document, shall be deducted from the due payments of the respective milestones.
- h. Taxes, as applicable, shall be deducted / paid, as per the prevalent rules and regulations
- i. Payments to MSI, after successful completion of the target milestones (including specified project deliverables), shall be made as mentioned in Annexure 3 in Volume II of this RFP.
- j. The MSI/bidder has to ensure that their Price bid contains reasonable unit rates of CAPEX and OPEX items. SSCL 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

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(CAPEX) quoted in the project should not exceed 70% of Total Price quoted in the price bid. In case the bidder quotes higher figures (more than 70% of Total Price) towards CAPEX, the same shall be restricted to 70% while making payments towards CAPEX. Any value quoted towards CAPEX over and above 70% limit will be paid in equal quarterly instalments during O&M phase along with quarterly payment for each quarter

3. Selection Process for Bidders

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 are 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 two bid-opening events:

1. Set 1 (Bid Processing Fess & EMD, Pre-Qualification bid & Technical bid)
2. Set 2 (Price bid)

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

The date and time for opening of price bid would be communicated to the qualified bidders. Bids received within the prescribed closing date and time will be opened on the e-procurement platform, on the date, time and at the address mentioned in the RFP Document.

- a. Pre-Qualification & Technical bids of only those Bidders shall be evaluated who have submitted the prescribed Bid Processing fees and EMD.
- b. Price Bid of only those Bidders shall be opened who obtain minimum 70 marks in the technical evaluation.
- c. In case, none of the bidder achieves the min. qualifying Technical marks, the Technical Evaluation Committee may revise the min. qualification marks to 60 in the interest of this RFP finalization. Tender Evaluation Committee's decision in this regard shall be final and binding on the Bidder.

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
- h. EMD not submitted / lesser EMD 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. Clarifications shall be obtained only in the pre-historic information like bidders credentials etc.

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 confirmations 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

1. Authority shall validate the Set 1 “Bid Processing Fees & Earnest Money Deposit (EMD)”.
2. If the contents of the Set 1 are as per requirements, Authority shall evaluate the “Pre-Qualification Bid”. Each of the Pre-Qualification condition mentioned in the document is MANDATORY. In case, the Bidder does not meet any one of the conditions, the bidder shall be disqualified.
3. Bidders will be informed of their qualification/disqualification based on the Pre-Qualification criteria through Email and Phone and subsequently, the EMD amount shall be returned to the respective disqualified Bidders after the submission of Performance Bank Guarantee by the successful Bidder.
4. Technical and Price bids for those bidders who don't pre-qualify will not be evaluated and opened respectively. Price bid will not be opened for those bidders, who don't qualify the technical evaluation. EMD amount shall be returned for those who don't qualify the financial evaluation stage after Performance Bank Guarantee is submitted by successful bidder.

3.4.2. Stage 2: Technical Evaluation

1. “Technical bid” will be evaluated only for the bidders who succeed in Stage 1.
2. Authority (or Committee approved by the 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.
3. 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 the RFP

4. The Bidders shall make a presentation to the Authority/ Committee appointed by the Authority to supplement their bids which include the following
 - Approach & Methodology including Project Experience
 - Proposed Solutions
 - Manpower – Technical Resources
 - Proof of Concept of proposed solution
5. The Authority envisages to share proof of concept / technical demonstration to evaluate the technology & system performance for getting city business outcome; During the Demonstration/Proof-of-Concept (PoC) at technical evaluation stage, the Evaluation Committee will give special attention to verify the quality, robustness and appropriateness of the proposed Solutions/Equipment. If any brand / products are found un-suitable, Bidder may get disqualified or may be asked to replace the product with better products, meeting the tender requirements, without any change in commercial bid. Bidder may demonstrate local setup or existing deployments over network/cloud.
6. The Authority will notify the date and venue for conducting such proof of concept / technical demonstration to the prospective bidders.

3.4.3. Stage 3: Commercial Evaluation

1. All the technically qualified bidders will be notified to participate in Commercial Bid opening process.
2. 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.
3. Commercial Bids that are not as per the format provided in the RFP shall be liable for rejection.
4. The bid price shall include all taxes and levies and shall be in Indian Rupees and mentioned separately

The Authority or any other government agency shall not have any liability of paying any taxes (including GST)/charges/levies as part of this project. The bidder has to quote their Price duly factoring all these costs.

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

1. If, in the price structure quoted for the required Product and Services, there is discrepancy between the unit price and total price (which is obtained by multiplying the unit price by the quantity), only the total price/cost as quoted in the table in the Price Bid Format 1 shall prevail. The unit prices quoted in the Price Bid Format 2 shall be considered only in case of any deviations/modifications in the scope of the work in due course.
2. If there is a discrepancy between words and figures, the amount in words shall prevail.

3.4.4. Successful bidder evaluation

Quality and Cost based Selection (QCBS) method shall be used for evaluation of the bids, as per the formula given below:

The scores will be calculated as:

$$B_b = 0.7 * T_b + (0.3) * (C_{min} / C_b * 100)$$

Where,

- i. B_b = overall score of bidder under consideration (calculated up to two decimal points)
- ii. T_b = Technical score for the bidder under consideration
- iii. C_b = Price quoted by the bidder under consideration
- iv. C_{min} = Lowest price among the financial proposals under consideration

The bidder achieving the highest overall score will be invited for negotiations for awarding the contract. In case of a tie where two or more bidders achieve the same highest overall score, the bidder with the higher technical score will be invited first for negotiations for awarding the contract. In case of a tie on the technical scores and highest overall scores, the C_b will be calculated to the third place of decimal and the bidder with lesser C_b will be invited for negotiations for awarding the contract.

3.5. Pre-Qualification Bid Evaluation Criteria

The bidder must possess the requisite experience, strength and capabilities in providing services necessary to meet the requirements as described in the RFP document. Keeping in view the complexity and volume of the work involved, following criteria are prescribed as the eligibility criteria for the bidder interested in undertaking the project. The bidder must also possess technical know-how and financial ability that would be required to successfully provide System Integration, Operation and Maintenance services sought by SSCL for the entire contract duration. The bids must be complete in all respect and should cover entire scope of work as stipulated in the bid document. This invitation to bid is open to all bidders who qualify the eligibility criteria as given below:

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
1.	<p>The Sole Bidder OR Lead Bidder (in case of consortium) Should be:</p> <ul style="list-style-type: none"> • Registered under the Companies Act 1956 in India • In operation in India for a period of at least 7 years as on publication of bid <p>Consortium Members</p> <ul style="list-style-type: none"> • Max 4 companies are allowed in a consortium including lead bidder. 	<p>For Sole/Lead Bidder</p> <ul style="list-style-type: none"> • Copy of Certificate of Incorporation / Registration under Companies Act 1956/2013 • Memorandum and Articles of Association • GST Registration Certificate • Copy of purchase orders showing at least 7 years of operations or Certified true copy of relevant extracts of balance sheet and PL statements for last 7 years 	PQ_1

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#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
	<ul style="list-style-type: none"> Should have registered in India under Companies Act 1956/2013 In operation in India for a period of at least 3 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 GST Registration Certificate Consortium agreement clearly stating the roles and responsibilities of each member 	
2.	<p>Sole Bidder/ Consortium should have an average annual turnover of INR 500 Crore for last 3 audited financial years (2018-2019, 2017-2018, 2016-2017).</p> <p>In case of a consortium, the lead bidder shall have at least 50% of the stated average annual turnover. All consortium members together should have to meet balance turnover requirement. However, each consortium should have an average annual turnover of minimum INR 30 crores.</p>	<p>The Sole Bidder or the Lead Bidder and all other members of consortium shall submit:</p> <ul style="list-style-type: none"> Audited statement for last 3 financial years of Sole Bidder/ Consortium Certificate from the Statutory auditor / CA clearly specifying the average annual turnover for the specified years 	PQ_2
3.	<p>The Bidder (Lead Partner in case of consortium) shall have minimum net worth of INR 50 Crores as per the last audited Financial Year (2018-19).</p> <p>The Consortium partner should have positive net worth as per the last audited Financial Year (2018-19).</p>	<ul style="list-style-type: none"> Audited and Certified Balance Sheet and Profit/Loss Account of last 5 Financial Years should be enclosed Certificate from the Statutory auditor/ CA clearly specifying the net worth of the firm for the last 5 Financial Years 	PQ_3

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
4.	<p>The Bidder (any member in case of consortium) should have successfully executed projects which should qualify atleast any 4 of the below mentioned categories with cumulative value of qualified projects of INR 50 crore in last seven years as on publication of the bid (excluding civil work) from the date of issuance of the Work Completion Certificate by the client. Out of these projects, value of minimum 2 projects should be of at least INR 10 Crores each:</p> <ol style="list-style-type: none"> 1. Data Center / Servers-Storage Infrastructure establishment (Min cut-off value of successfully executed cumulative projects in this segment is INR 10 Crores) 2. Surveillance projects (Min value of successfully executed cumulative projects is INR 5 Crores) 3. Command and control center/ City Control Room (Min value of successfully executed cumulative projects is INR 10 Crores) 4. Intelligent traffic management (Min value of successfully executed 	<ul style="list-style-type: none"> • Work order/ Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order. • Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead <p>Note: In case project is on-going a certificate from Client/ Chartered Accountant/Statutory Auditor has to be provided, mentioning that at least 80% of the Capex work has been completed.</p>	<p>PQ_4</p>

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
	<p>cumulative projects is INR 10 Crores)</p> <p>5. e-Governance/ERP project (Min value of successfully executed cumulative projects is INR 5 Crores)</p>		
5.	<p>Sole Bidder or the Lead bidder of consortium or any member of the consortium, should possess relevant ISO Certifications (any 1) and CMMi 3 level or better which are valid at the time of bidding:</p> <p>ISO 9001:2008 or latest OR ISO 20000:2011 for IT Service Management or equivalent certification OR ISO 27001:2013 for Information Security Management And CMMi 3 level or better</p>	<p>Copies of the Valid certificates in the name of bidder</p>	PQ_5
6.	<p>Self-declaration by the Bidder and each member of consortium (if applicable) duly signed by the authorized signatory confirming they have not been blacklisted by any Central / State Government Department or Central/State Public Sector Units (PSUs), Government (Central / State / PSU/ ULBs/Smart Cites SPV/Multilateral Banks)</p>	<p>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</p>	PQ_6

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#	Eligibility Criteria	Document Proof	Name to be given to the PDF file to be uploaded
	Organization in India as on the bid submission date in India		
7.	Sole Bidder/Lead bidder should establish Project office within 45 days of issuance of LoI in Saharanpur City if not established earlier	Undertaking to open Office in Saharanpur Or Copies of any two of the followings: Property Tax / Electricity / Telephone Bill / CST Registration /Lease agreement.	PQ_7

Important Note:

1. For all the project experience, following documentary evidences are required:
 - Work order/ Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order.
 - Completion/Partial Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead
 - In case project is on-going a certificate from Client/Chartered Accountant/Statutory Auditor has to be provided mentioning that at least 80% of the Capex work has been completed.
2. In case the experience (Technical as well as Financial) shown is that of the bidder's parent / 100% subsidiary /sister concern company/ Group companies having same parent ultimate, 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.
3. 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
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 qualification of their holding (parent) company or subsidiary company or sister concern only.

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- a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
 - 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
 - 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. 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 SSCL.

3.6. Technical Bid Evaluation Criteria

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	Sole Bidder/Lead Bidder Profile	5
B	Sole Bidder /Consortium Project Experience	28
C	Approach & Methodology & Project Presentation/Demonstration	40
D	Proposed Resources for the Project	15
E	OEM Selection	12
Technical Score		100

Notes:

- Bidder to submit work order and end client work in-progress (minimum 80% 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: Qualification criteria for Technical Evaluation and progression to commercial evaluation stage:

- Minimum 70% (70 marks) of the overall technical score total

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. Sole Bidder/ Consortium Profile - 5 Marks				

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded								
A1	Annual Turnover	<p>Sole Bidder/ Consortium should have an average annual turnover of INR 500 Crore for last 3 audited financial years (2018-2019, 2017-2018, 2016-2017).</p> <p>In case of a consortium, the lead bidder shall have at least 50% of the above stated average annual turnover.</p> <p>Lead members or consortium members shall be into one of the following specific business areas:</p> <ul style="list-style-type: none"> • ICT Infrastructure • Telecom Infrastructure • IT system integration services <table border="1"> <thead> <tr> <th>Turnover</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 800 Crore</td> <td>3</td> </tr> <tr> <td>> 700 Crore to <= 800 Crore</td> <td>2</td> </tr> <tr> <td>>= 500 Crore to <= 700 Crore</td> <td>1</td> </tr> </tbody> </table>	Turnover	Marks	More than 800 Crore	3	> 700 Crore to <= 800 Crore	2	>= 500 Crore to <= 700 Crore	1	3	TQ_1
Turnover	Marks											
More than 800 Crore	3											
> 700 Crore to <= 800 Crore	2											
>= 500 Crore to <= 700 Crore	1											
A2	CMMi level certification	<p>The sole bidder or any member of consortium in a case of consortium, should possess any following certification valid at the time of Bidding:</p> <ul style="list-style-type: none"> • CMMi Level 5 certification • CMMi Level 3 certification <table border="1"> <thead> <tr> <th>Certificate</th> <th>Marks Allotted</th> </tr> </thead> <tbody> <tr> <td>CMMi Level 5</td> <td>1</td> </tr> <tr> <td>CMMi Level 3</td> <td>0.5</td> </tr> </tbody> </table> <p>Copies of valid certificates in the name of sole bidder or any member in case of consortium</p>	Certificate	Marks Allotted	CMMi Level 5	1	CMMi Level 3	0.5	1	TQ_2		
Certificate	Marks Allotted											
CMMi Level 5	1											
CMMi Level 3	0.5											
A3	ISO Certification	<p>Sole Bidder or the Lead bidder of consortium or any member of the consortium, should possess relevant ISO Certifications (any 1) which are valid at the time of bidding:</p> <p>ISO 9001:2008 or latest OR ISO 20000:2011 for IT Service Management or equivalent certification OR ISO 27001:2013 for Information Security Management</p>	1	TQ_3								

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded										
		<table border="1"> <thead> <tr> <th>Certificate</th> <th>Marks Allotted</th> </tr> </thead> <tbody> <tr> <td>2 Certifications</td> <td>1</td> </tr> <tr> <td>1 Certification</td> <td>0.5</td> </tr> </tbody> </table>	Certificate	Marks Allotted	2 Certifications	1	1 Certification	0.5						
Certificate	Marks Allotted													
2 Certifications	1													
1 Certification	0.5													
B. Sole Bidder /Consortium Project Experience – 28 marks														
B1	Experience in executing large System Integration projects	<p>The Sole/Lead Bidder should have experience in executing at least one large System Integration Project during last 7 years as on publication of the bid. Cumulative value of the projects should be minimum of INR 50 Crore Cost of the Project (INR)</p> <table border="1"> <thead> <tr> <th>No. of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>> 3 projects</td> <td>5</td> </tr> <tr> <td>> 1 project & <=3 projects</td> <td>4</td> </tr> <tr> <td>1 project</td> <td>3</td> </tr> <tr> <td>0 project</td> <td>0</td> </tr> </tbody> </table>	No. of Project	Marks	> 3 projects	5	> 1 project & <=3 projects	4	1 project	3	0 project	0	5	TQ_4
No. of Project	Marks													
> 3 projects	5													
> 1 project & <=3 projects	4													
1 project	3													
0 project	0													
B2	Surveillance	<p>The bidder (or any Consortium member) should have experience of implementing following scope during last 7 years as on publication of bid.</p> <ul style="list-style-type: none"> Surveillance system like CCTV surveillance system or ANPR with min 500 cameras in a project <p>For ANPR or CCTV surveillance system</p> <table border="1"> <thead> <tr> <th>No. of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>> 3 projects</td> <td>5</td> </tr> <tr> <td>> 1 project & <=3 projects</td> <td>4</td> </tr> <tr> <td>1 project</td> <td>3</td> </tr> <tr> <td>0 project</td> <td>0</td> </tr> </tbody> </table>	No. of Project	Marks	> 3 projects	5	> 1 project & <=3 projects	4	1 project	3	0 project	0	5	TQ_5
No. of Project	Marks													
> 3 projects	5													
> 1 project & <=3 projects	4													
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0 project	0													

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded										
B3	ITMS	<p>The bidder (or any Consortium member) should have experience of implementing minimum 2 no. of projects with minimum value of Rs. 3 Cr each in any of the following areas during last 7 years as on publication of bid.</p> <ul style="list-style-type: none"> Road Traffic enforcement/Management System using RLVD/No-Helmets/Triple Riding <p>OR</p> <ul style="list-style-type: none"> ATCS with Traffic Signals <p>OR</p> <ul style="list-style-type: none"> Controlling traffic signals with centralized software system <table border="1"> <thead> <tr> <th>Number of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 3 projects</td> <td>3</td> </tr> <tr> <td>3 projects</td> <td>2</td> </tr> <tr> <td>2 projects</td> <td>1</td> </tr> <tr> <td>< 2 projects</td> <td>0</td> </tr> </tbody> </table>	Number of Project	Marks	More than 3 projects	3	3 projects	2	2 projects	1	< 2 projects	0	3	TQ_6
Number of Project	Marks													
More than 3 projects	3													
3 projects	2													
2 projects	1													
< 2 projects	0													
B4	Transport	<p>The Bidder (or any Consortium member) should have implementing experience of minimum 1 project in the following areas during last 7 years ending as on publication of the bid.</p> <p>GPS based Automated Vehicle Location System (AVLS) project for transport with a fleet of at least 100 vehicles</p> <p>Or</p> <p>A Passenger Information System (PIS) project (hardware and software for PIS /audio announcement.) for Bus based public transport with at least 40 units</p> <table border="1"> <thead> <tr> <th>Number of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 2 projects</td> <td>3</td> </tr> <tr> <td>2 projects</td> <td>2</td> </tr> <tr> <td>1 project</td> <td>1</td> </tr> <tr> <td>0 project</td> <td>0</td> </tr> </tbody> </table>	Number of Project	Marks	More than 2 projects	3	2 projects	2	1 project	1	0 project	0	3	TQ_7
Number of Project	Marks													
More than 2 projects	3													
2 projects	2													
1 project	1													
0 project	0													

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded										
B5	ERP	<p>The Bidder (or any Consortium member) should have implementing experience of minimum 1 project in COTS ERP in the following modules during last 7 years ending as on publication of the bid.</p> <ul style="list-style-type: none"> • Financial Accounting and Costing • Payroll and HR • Project Management • Purchase and material management • Asset management <table border="1"> <thead> <tr> <th>Number of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 2 projects</td> <td>3</td> </tr> <tr> <td>2 projects</td> <td>2</td> </tr> <tr> <td>1 project</td> <td>1</td> </tr> <tr> <td>0 project</td> <td>0</td> </tr> </tbody> </table>	Number of Project	Marks	More than 2 projects	3	2 projects	2	1 project	1	0 project	0	3	TQ_8
Number of Project	Marks													
More than 2 projects	3													
2 projects	2													
1 project	1													
0 project	0													
B6	ICCC	<p>The bidder (or any consortium member) should have experience in executing projects for setting up and O&M of Integrated Command & Control Centre for Smart Cities, Highways, Railway, Airport, Campus and other Government establishment etc. during last 7 years ending as on publication of the bid of value not less than INR 10 Crore each.</p> <table border="1"> <thead> <tr> <th>Number of Project</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 3 projects</td> <td>5</td> </tr> <tr> <td>2 to 3 projects</td> <td>4</td> </tr> <tr> <td>1 project</td> <td>3</td> </tr> <tr> <td>0 project</td> <td>0</td> </tr> </tbody> </table>	Number of Project	Marks	More than 3 projects	5	2 to 3 projects	4	1 project	3	0 project	0	5	TQ_9
Number of Project	Marks													
More than 3 projects	5													
2 to 3 projects	4													
1 project	3													
0 project	0													
B7	Integration	<p>The bidder (or any consortium member) should have experience in executing projects for integration of following components with the Centralized Command & Control System - GIS system /Smart Parking /Street lighting / Environmental Sensors/ Optical Fiber/ CCTV Cameras/ Asset Management/ Digitization & ERP/ Traffic Signals / SCADA/ Traffic Enforcement Systems/ E-Challan/ Health & Telemedicine System/ Smart</p>	4	TQ_10										

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded																
		<p>Library during last 7 years as on publication of the bid.</p> <p>Integration of;</p> <table border="1"> <thead> <tr> <th>Number of Components</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>More than 3 components</td> <td>4</td> </tr> <tr> <td>2 to 3 components</td> <td>3</td> </tr> <tr> <td>1 component</td> <td>2</td> </tr> <tr> <td>0 component</td> <td>0</td> </tr> </tbody> </table>	Number of Components	Marks	More than 3 components	4	2 to 3 components	3	1 component	2	0 component	0								
Number of Components	Marks																			
More than 3 components	4																			
2 to 3 components	3																			
1 component	2																			
0 component	0																			
C. Approach & Methodology & Project Presentation/Demonstration - 40 Marks																				
C1	Approach & Methodology	<p>Following parameters will be evaluated (To be provided in section 7.13):</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Understanding of the project and conformity to volume 2 : Functional Requirement and High level Architecture of the proposed solution as per requirements of the RFP</td> <td>2</td> </tr> <tr> <td>Proposed deployment architecture for on-premise DC, cloud DC & cloud DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICCC viewing center, CCC platform (DC Cloud), on-premise DC & cloud DR to meet the functionalities as given in RFP</td> <td>2</td> </tr> <tr> <td>Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc.</td> <td>2</td> </tr> <tr> <td>Proposed solution for design & development of SOPs and KPIs, also please list down all the SOPs & KPIs identified for the solution.</td> <td>2</td> </tr> <tr> <td>Identification of major risks for the projects and also propose suitable mitigation plan for each of identified risks.</td> <td>2</td> </tr> <tr> <td>Methodology, tools and Technologies to create, monitor & maintain all the SLAs and managing change requests</td> <td>2</td> </tr> <tr> <td>Proposed structure for: 1. Project Strategy 2. Project Management</td> <td>2</td> </tr> </tbody> </table>	Parameter	Marks	Understanding of the project and conformity to volume 2 : Functional Requirement and High level Architecture of the proposed solution as per requirements of the RFP	2	Proposed deployment architecture for on-premise DC, cloud DC & cloud DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICCC viewing center, CCC platform (DC Cloud), on-premise DC & cloud DR to meet the functionalities as given in RFP	2	Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc.	2	Proposed solution for design & development of SOPs and KPIs, also please list down all the SOPs & KPIs identified for the solution.	2	Identification of major risks for the projects and also propose suitable mitigation plan for each of identified risks.	2	Methodology, tools and Technologies to create, monitor & maintain all the SLAs and managing change requests	2	Proposed structure for: 1. Project Strategy 2. Project Management	2	14	TQ_11
Parameter	Marks																			
Understanding of the project and conformity to volume 2 : Functional Requirement and High level Architecture of the proposed solution as per requirements of the RFP	2																			
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Identification of major risks for the projects and also propose suitable mitigation plan for each of identified risks.	2																			
Methodology, tools and Technologies to create, monitor & maintain all the SLAs and managing change requests	2																			
Proposed structure for: 1. Project Strategy 2. Project Management	2																			

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#	Technical Evaluation Criteria	Technical Evaluation parameter	Points	Name to be given to the PDF file to be uploaded														
		3. Risk Management 4. Resource Plan 5. Delivery Timelines 6. Project Governance Model																
C2	Technical Demonstration (Proof of Concept)	Following parameters will be evaluated during Technical Demonstration: <table border="1"> <thead> <tr> <th>Parameter</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Need to demonstrate implementation of all the smart components which are in the scope of this project such as Security & Surveillance, ITMS, SWM, GIS, ERP etc.</td> <td>8</td> </tr> <tr> <td>Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration of various components as defined under B7 with ICCC and other smart components</td> <td>8</td> </tr> </tbody> </table> Bidder will be given maximum of 1 week to establish setup for infrastructure for Demo / POC at Saharanpur.	Parameter	Marks	Need to demonstrate implementation of all the smart components which are in the scope of this project such as Security & Surveillance, ITMS, SWM, GIS, ERP etc.	8	Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration of various components as defined under B7 with ICCC and other smart components	8	16	TQ_12								
Parameter	Marks																	
Need to demonstrate implementation of all the smart components which are in the scope of this project such as Security & Surveillance, ITMS, SWM, GIS, ERP etc.	8																	
Need to demonstrate the ICCC Control Room setup with visualization of smart components and integration of various components as defined under B7 with ICCC and other smart components	8																	
C3	Presentation	The Bidder will need to exhibit functional and non-functional requirements through presentation. The presentation should demonstrate capabilities against the parameters highlighted in Approach & Methodology section (C1)	10	TQ_13														
D. Proposed Resources for the Project - 15 Marks																		
D1	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>4</td> </tr> <tr> <td>Command and Control Centre Expert</td> <td>1</td> </tr> <tr> <td>Solution Architect</td> <td>1</td> </tr> <tr> <td>ITMS Expert</td> <td>1</td> </tr> <tr> <td>Security & Surveillance Expert</td> <td>1</td> </tr> <tr> <td>SWM Expert</td> <td>1</td> </tr> </tbody> </table>	Profile	Marks Allotted	Project Manager	4	Command and Control Centre Expert	1	Solution Architect	1	ITMS Expert	1	Security & Surveillance Expert	1	SWM Expert	1	15	TQ_14
Profile	Marks Allotted																	
Project Manager	4																	
Command and Control Centre Expert	1																	
Solution Architect	1																	
ITMS Expert	1																	
Security & Surveillance Expert	1																	
SWM Expert	1																	

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#	Technical Evaluation Criteria	Technical Evaluation parameter		Points	Name to be given to the PDF file to be uploaded
		Cyber Security Expert (2 resources)	1		
		Mobile App/Software Developer (2 resources)	1		
		Network & Infrastructure Expert	1		
		Server/ Storage & Database Expert	1		
		GIS Expert (2 resources)	1		
		ERP Expert	1		
E. OEM Selection – 12 marks					
E1	Command & Control Centre Platform	OEM with total deployments; No. of deployments Marks		3	TQ_15
		3 projects	3		
		2 projects	2		
		1 project	1		
		0 project	Not eligible		
E2	Surveillance with minimum 300 Camera	OEM with total deployments; No. of deployments Marks		3	TQ_16
		3 projects	3		
		2 projects	2		
		1 project	1		
		0 project	Not eligible		
E3	ITMS, RLVD/ANPR solutions	OEM with total deployments; No. of deployments Marks		3	TQ_17
		3 projects	3		
		2 projects	2		
		1 project	1		
		0 project	Not eligible		
E4	ERP Solution with min 5 modules	OEM with total deployments; No. of deployments Marks		3	TQ_18
		3 projects	3		
		2 projects	2		
		1 project	1		
		0 project	Not eligible		

Important Notes:

1. For all the project experience, following documentary evidences are required:

- Work order/ Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order.
- Completion/Partial Completion Certificate issued & signed by the authorized signatory of the client entity on the entity's Letterhead

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- In case project is on-going a certificate from Client/ Chartered Accountant/Statutory Auditor has to be provided, mentioning that at least 80% of the Capex work has been completed.
 - For OEM selection, self-certification by OEM is mandatory
2. In case the experience shown is that of the bidder's parent / 100% 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.
 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 qualification of their holding (parent) company or 100% subsidiary company or sister concern only.
 - a 'holding company', in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
 - 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
 - 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. 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 SSCL.
 7. 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.

8. Minimum absolute technical score to qualify for commercial evaluation is 70 marks out of total 100 marks.
9. In case, none of the bidder achieves the min. qualifying marks, the Technical Evaluation Committee may revise the min. qualification marks in the interest of this RFP finalization. The Technical Evaluation Committee's decision in this regard shall be final and binding on the Bidder.

3.6.2. Technical Demonstration of Proof of Concept during evaluation period

Objective of Technical Demonstration of POC for City Command Centre Software is to evaluate the technology & system performance for getting city business outcome;

<p>A. During the Demonstration/Proof-of-Concept (PoC) at technical evaluation stage, the Technical Committee will give special attention to verify the quality, robustness and appropriateness of the proposed Solutions/Equipment and Integrated Operations Platform. If any brand / products are found un-suitable, Bidder may get disqualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid. System Demonstration</p>	<p>Integrated Operations Platform Software</p>
<p>B. Demo Material and Set up</p>	<p>Demo Material – Department scope: a) Power Source b) Space for installing server and workstation Demo Material – OEM/SI Scope: Demo Setup (OEM/SI scope) at Site:</p>
<p>C. Performance Evaluation</p>	<p>Live demo and integration services</p>
<p>D. Suggestive Technology Selection Criteria</p>	<p>Please refer to parameters mentioned in the section D1 (Technical Demonstration) of Technical Evaluation Framework</p>

3.6.3. Key Personnel Criteria

SI shall provide adequate number of personnel, each responsible for a specific role within the project. SI shall provide clear definition of the role and responsibility of each individual personnel.

SI shall have a defined hierarchy and reporting structure for various teams that shall be part of the project. SI 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, SI shall independently estimate the teams size required to meet the requirements of Service Levels as specified as part of this tender.

Project Manager = 4 marks (Total Weightage = 4 Marks)

a) Educational Qualification: 1 Marks

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

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

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

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

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

d) Project Management Certification : 1 Marks

- PMP or PRINCE 2 Certificate (Bidder to submit scanned copy of valid certificate in the name of the resource) = 1 Marks
- Else 0

IBMS & Command and Control Centre Expert = 2 Marks (Total Weightage = 1 Mark)

a) Educational Qualification: 0.5 Marks

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

b) Work experience as IT/ICT solution architect: 0.5 Marks

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

c) Projects Handled as Integrated Command and Control Center Expert Project: 1 Marks

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

Solution Architect = 2 Marks (Total Weightage = 1 Mark)

a) Educational Qualification: 0.5 Marks

- Bachelor's Degree in Engineering/MCA /MBA (IT/ICT) (2 Years Full Time)= 0.5 Marks
- Else 0

b) Work experience as IT/ICT solution architect: 0.5 Marks

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

c) Projects Handled as Solution Architecture for Command and Control Center Project: 1 Mark

<ul style="list-style-type: none"> • ≥ 3 Projects = 1 Marks • 2 Projects = 2 Marks • Else 0
Integrated Traffic Management System (ITMS) Expert = 2 Marks (Total Weightage = 1 Mark)
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • BE/B.Tech or Graduation / Post Graduation in Transportation = 0.5 Marks • Else 0 Marks <p>b) Work experience as Integrated Traffic Management Expert: 0.5 Marks</p> <ul style="list-style-type: none"> • ≥ 10 years = 0.5 Marks • ≥ 8 and < 10 year = 0.3 Marks • Else 0 <p>c) Work experience in Designing & implementation of Intelligent (preferably Adaptive) Traffic Management System: 1 Mark</p> <ul style="list-style-type: none"> • ≥ 3 Project = 1 Marks • 2 Project = 0.5 Marks • Else 0 Mark
Security & Surveillance Expert = 2 Marks (Total Weightage = 1 Mark)
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • BE/B.Tech = 0.5 Marks • Else 0 Marks <p>b) Work experience as Security & Surveillance Expert: 0.5 Marks</p> <ul style="list-style-type: none"> • ≥ 10 years = 0.5 Marks • ≥ 8 and < 10 year = 0.3 Marks • Else 0 <p>c) Work experience in Designing & Planning security & surveillance system: 1 Mark</p> <ul style="list-style-type: none"> • ≥ 3 Project = 1 Marks • 2 Project = 0.5 Marks • Else 0 Mark
Solid Waste Management Expert = 1 Marks (Total Weightage = 1 Mark)
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA /MBA (IT/ICT)= 0.5 Marks • Else 0 Marks <p>b) Work experience as Solid Waste Management Expert (with specific experience in end to end Designing & implementation of ICT enabled Solid Waste management System : 0.5 Marks</p> <ul style="list-style-type: none"> • ≥ 10 years = 0.5 Marks • ≥ 8 and < 10 year = 0.3 Marks • Else 0
Cyber security Expert = 2 Marks for Each (Total Weightage = 1 Mark)
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 0.5 Marks

<ul style="list-style-type: none"> • Else 0 <p>b) Work experience as Cyber Security expert: 0.5 Marks</p> <ul style="list-style-type: none"> • >=10 years = 0.5 Marks • >=8 and <10 year = 0.3 Marks • Else 0 <p>c) Project Handled as Cyber Security Expert: 0.5 Mark</p> <ul style="list-style-type: none"> • >= 3 Project = 0.5 Marks • 2-3 Project= 0.3 Marks • Else 0 <p>d) Relevant Certifications: 0.5 Marks</p> <ul style="list-style-type: none"> • Certificate like CISSP, CISM, CISA,OSCP or other equivalent from reputed organization such as CompTIA, EC Council, GIAC, ISACA and (ISC)2: 0.5 Mark (Bidder to submit scanned copy of valid certificate in the name of the resource)
<p>Mobile App/Software Developer = 1 Mark for each (Total Weightage = 1 Mark)</p>
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • Bachelor's degree in Engineering/MCA = 1 Marks • Else 0 Marks <p>b) Work experience as Software Application expert with relevant experience in App/website development: 0.5 Mark</p> <ul style="list-style-type: none"> • >=10 years = 0.5 marks • >=8 and <10 year = 0.3 Marks • Else 0
<p>Network & Infrastructure Expert = 2 Marks (Total Weightage = 1 Mark)</p>
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 1 Marks • Else 0 <p>b) Work experience in Implementation of Large Networking Infrastructure Projects: 0.5 Marks</p> <ul style="list-style-type: none"> • >=10 years = 0.5 marks • >=8 and <10 year = 0.5 Marks • Else 0 <p>c) Should have experience in designing & Planning of Network & Infrastructure applications: 0.5 Marks</p> <ul style="list-style-type: none"> • >= 3 Projects = 0.5 Marks • 2 Projects = 0.3 Marks • Else 0 <p>d) Relevant Certifications: 0.5 Marks</p> <ul style="list-style-type: none"> • CCNA/CCNP/MCSE/Juniper/Brocade/Aruba or other equivalent (Understanding of Routing & Switching Infrastructure) = 1 Marks (Bidder to submit scanned copy of valid certificate in the name of the resource)
<p>Server Storage/Database Expert = 1 Marks (Total Weightage = 1 Mark)</p>

<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • BE/B.Tech = 1 Marks • Else 0 Marks <p>b) Work experience as Server Storage/Database Expert/Cloud Expert: 0.5 Mark</p> <ul style="list-style-type: none"> • >=10 years = 0.5 marks • >=8 and <10 year = 0.3 Marks • Else 0
<p>GIS Expert = 1 Mark for each (Total Weightage = 1 Mark)</p>
<p>a) Educational Qualification: 0.5 Marks</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/Geology/MCA = 0.5 Marks • Else 0 Marks <p>b) Work experience as GIS expert: 0.5 Marks</p> <ul style="list-style-type: none"> • >=10 years = 0.5 Marks • >=8 and <10 year =0.3 Marks • Else 0
<p>Functional Consultant (ERP) = 2 Marks (Total Weightage = 1 Mark)</p>
<p>c) Educational Qualification: 1 Marks</p> <ul style="list-style-type: none"> • B.Tech/B.E./ CA/ MBA = 1 Marks • Else 0 Marks <p>d) Work experience as Functional Consultant: 1 Marks</p> <ul style="list-style-type: none"> • >=10 years = 0.5 Marks • >=8 and <10 year =0.5 Marks • Else 0

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

All the proposed positions shall be Onsite throughout the entire project implementation phase as per specified man months. Manpower plan for Implementation Phase to be provided as per format provided in Section 7.8 Annexure 3.

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 7.8 Annexure 3.

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.

3.6.4. Manpower Deployment

MSI shall deploy Manpower during implementation and O&M phases. The deployed resource shall report to SSCL 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

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deploy additional resources based on the need of the Project and to meet the defined SLAs in this RFP:

#	Criteria	Man-months Required	On-Site Deployment
1.	Project Manager	60	95%
2.	IBMS & Command and Control Expert (Distributed effort for 5 years)	12	95%
3.	Solution Architect (Distributed effort for 5 years)	16	95%
4.	ITMS Expert (Distributed effort for 5 years)	16	90%
5.	Security & Surveillance Expert (Distributed effort for 5 years)	16	90%
6.	SWM Expert (Distributed effort for 5 years)	16	90%
7.	Cyber Security Expert (2 resources for 12 months each distributed for 5 years)	24	90%
8.	Mobile App/Software Developer (2 resources for 12 months each distributed for 5 years)	24	90%
9.	Network & Infrastructure Expert (Distributed effort for 5 years)	30	90%
10.	Server Storage/Database Expert (Distributed effort for 5 years)	30	90%
11.	GIS Expert (2 resources for 12 months each distributed for 5 years)	24	90%
12.	ERP Expert (Distributed effort for 5 years)	12	90%

4. Award of contract

4.1. Notification of Award

Authority will notify the successful Bidder in writing / e-mail to be confirmed by the Bidder in writing / email.

4.2. Signing of Contract

After the notification of award, Authority will issue Letter of Intent (LOI) followed by Work Order (WO). Accordingly, a contract shall be signed between successful bidder and Authority or the agency designated by Authority. As an acceptance of the LOI and WO, the Bidder shall sign and return back a duplicate copy of the Letter of Intent and the Work Order 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 Service Level Agreement (SLA) is provided in RFP Volume III. The contract shall include all the Terms and Conditions of the RFP, Corrigendum issued thereof if any and SLA shall be finalized & signed between the Authority and the Successful bidder within 30 working days from the date of issue of Work Order.

4.3. Performance Bank Guarantee (PBG)

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 Bank in the format prescribed in Annexure 5 (B), payable on demand at any of the bank branches in Saharanpur, 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 financial bid value (as per the financial bid format of the RFP)

PBG shall be invoked by Authority, in the event the Bidder:

- a. Fails to meet the overall penalty condition as mentioned in RFP 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 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.

In case the project is delayed beyond the project schedule as mentioned in RFP Vol II and all such delays accepted by the Authority, the implementation performance bank guarantee (IPBG) shall be accordingly extended by the Bidder till completion of scope of work as mentioned in RFP Volume II.

On satisfactory performance and completion of the order in all respects and duly certified to this effect by the Authority, Contract Completion Certificate shall be issued and the IPBG would be returned to the Bidder after the receipt of OPBG and after deducting the penal amount, if any, upon Go-Live. OPBG would be returned to the bidder upon completion of O&M of the project in all respect at the end of 5 years plus 60 days after deducting penalties, if any.

4.4. Warranty & Maintenance

Bidder shall also provide complete maintenance support, comprehensive on-site warranty, 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.

The Bidder shall offer default warranty of Five years (5) for all the supplied IT equipment. & shall extend comprehensive Annual Maintenance Contract (AMC) services for five (5) years for all the equipment/ infrastructure supplied.

During the warranty period, the bidder shall warrant that the goods supplied under the contract are new, defect free, unused at the time of delivery, and 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 and AMC. Upon receipt of such notice, the Bidder shall, within the warranty and AMC period and with all reasonable speed, repair or replace the defective systems, without costs to Authority and within time specified and acceptable to Authority. Bidder shall extend the services of repair, replacement and preventive maintenance for entire contract period of 5 years from the date of Go-Live without costs to Authority meeting SLA.

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. Provided however that the Authority shall first give a prior reasonable notice to the Successful Bidder to rectify the default and only if the default continues even after the expiry of the cure period shall the Authority have the right to invoke this penalty clause as mentioned in RFP Vol III.

During the warranty and comprehensive AMC 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 meeting SLA.

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 and comprehensive AMC 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 at the risk and cost of the successful bidder.

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

5. Annexure 1 – Template for Pre-Bid Queries

Bidder shall submit all pre-bid queries in “**MS excel (soft copy)**” strictly in the following format.

Sr. No.	RFP Volume, Section , Sub- Section and Relevant Sr.No. (eg Vol-2, 6.1.11.1 Sr#11(ii)a)	RFP Page No	Content of the RFP requiring clarification	Clarification Sought /Change Request (highlight the portion with red color which is intended to be changed.) with Justification

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

6.1. Pre-Qualification Bid Checklist

S. No.	Description	Documents/Format	Submitted (Y / N)	Documentary Proof (Page No.)
1.	Bid Cover Letter	As per format mentioned in Section 6.2 of Annexure 2		
2.	Particulars of the bidders	As per format mentioned in Section 6.3 of Annexure 2		
3.	Power of attorney/board resolution to the authorized Signatory of the Bid	As per format mentioned in Annexure 8		
4.	Power of attorney for lead bidder of consortium	As per format mentioned in Annexure 9		
5.	Consortium agreement (if applicable)	As per format mentioned in Annexure 7		
6.	EMD as per Fact Sheet	As per format mentioned in Annexure 5 A		
7.	Bid processing fee (Non-refundable)	As per Fact Sheet		
8.	Project Experience	As per criteria mentioned in section 3.5 and format mentioned in Section 6.8 of Annexure 2		
9.	PAN documents	Copy of PAN documents		
10.	GST registration	Copy of GST registration		
11.	No Deviation Certificate	As per format mentioned in Section 6.6 of Annexure 2		
12.	Total Responsibility Certificate	As per format mentioned in Section 6.7 of Annexure 2		
13.	Format of Agreement between Bidder and their parent company / 100% subsidiary / Sister Concern Company (As the case may be)	As per format mentioned in Annexure 10		
14.	Format of Parent company / Subsidiary / Sister Concern Company Guarantee	As per format mentioned in Annexure 11		

6.2. Pre-Qualification Bid Cover Letter

(To be submitted on the letterhead of the Bidder)

To

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City

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

Dear Sir/ Madam,

Having examined the RFP, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the RFP for the Selection of Master Systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City.

We attach here to our responses to pre-qualification requirements, Technical and Price Bids as required by the RFP. We confirm that the information contained in these responses or any part thereof, including the exhibits, and other documents and instruments delivered or to be delivered client 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 short-listing process.

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

We agree for unconditional acceptance of all the terms and conditions set out in the RFP Document and also agree to abide by this RFP response for a period of 180 days from the date fixed for bid submission. We hereby declare that in case the contract is awarded to us, we shall submit the performance bank guarantee bond in the form prescribed in the RFP.

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

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

Dated this Day of 2019

(Signature)

In the capacity of :

Name

Duly authorized to sign the RFP response for and on behalf of:

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(Name and Address of Company) seal/stamp of Bidder

Witness Signature:

Witness Name:

Witness Address:

6.3. Particulars of the bidders (required for Sole/Lead Bidder and all Consortium Members)

#	Description	Details (to be filled by the bidder)
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.	Details of Company's Registration (Please enclose copy of the company registration document)	
7.	Name of Registration Authority	
8.	Registration Number and Year of Registration	
9.	GST/CST/LST/VAT registration No. (as applicable)	
10.	Permanent Account Number (PAN)	
11.	Primary Contact Person (Name, Designation, address, mobile number, fax, email)	
12.	Secondary Contact Person (Name, Designation, address, mobile number, fax, email)	
13.	Role in Consortium (if applicable)	Brief scope of work in the consortium

A. Financial Turnover

The financial turnover of the company is provided as follows:

Year	2016-2017	2017-2018	2018-2019
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

B. Certifications

Provide copy of valid certification for ISO 9001, ISO 27001 and ISO 20000 certifications and CMMI Level 3 or above certification as required in Pre-Qualification criteria of RFP.

6.4. Declaration of Non-Blacklisting

(To be provided on the Company letter head)

Declaration for Lead Bidder:

Place

Date

To,

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: Self Declaration of not been blacklisted in response to the RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City.

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

Dear Sir,

We confirm that our company or firm, _____, is currently not blacklisted in any manner whatsoever by any Central / State Government Department or Central/State Public Sector Units (PSUs), Government (Central / State / PSU/ World Bank/Asian Development Bank), Other Smart Cities, Local Bodies, Multi-Lateral agency organizations 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:

6.5. Declaration for Consortium Member:

(To be provided on the Company letter head)

{Place}

{Date}

To,

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: Self Declaration of not been blacklisted in response to the RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City.

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

Dear Sir,

We confirm that our company or firm, _____, is currently not blacklisted in any manner whatsoever by any Central / State Government Department or Central/State Public Sector Units (PSUs), Government (Central / State / PSU/ World Bank/Asian Development Bank), Other Smart Cities, Local Bodies, Multi-Lateral agency organizations 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:

6.6. No Deviation Certificate

(To be provided on the Company letter head)

Place

Date

To,

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: Self Declaration for No Deviation in response to the RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City.

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

Dear Sir,

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

(Authorized Signatory)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

6.7. Total Responsibility Certificate

(To be provided on the Company letter head)

Place

Date

To,

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: Self Declaration for Total Responsibility in response to the RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City.

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

Dear Sir,

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

(Authorized Signatory)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

6.8. Self-certificate for Project execution experience (On 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 (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. General Instructions for the Technical Bid

Bidders have to submit a very structured and organized Technical Bid, which will be analysed by the Technical/Evaluation Committee for compliances with regards to the requirements of the project. Since the Price Bid shall be opened for only those bidders who qualify the minimum criteria for technical bid evaluation, the quality and completeness of the information submitted by the Bidder will matter a lot while finalizing the technical scores.

Bidder is expected to divide its proposal in following five Sections / Documents:

A. Bidder's Competence to execute the project

This document should bring about the capability of the bidder to execute this project. Some of the required documents are as follows:

- Experience of Bidder in Executing Projects as mentioned in Section 7.6 in required Formats and supporting documents;
- Details of IT, Surveillance Domain Manpower in the firm;
- Other parameters as required

B. Proposed Team for the Project

As specified in the Technical Bid Evaluation Framework, client will give high importance on the quality and competence of the technical manpower proposed for the project. Bidder are required to propose separate resources for different skill-sets (during Design, Project Implementation & Post-Implementation). Following documentation is expected in this section:

- Overall Project Team (for Design, Project Implementation & Maintenance phases)
- Escalation Chart for the entire Project Duration
- Summary Table giving Qualification, Experiences, Certifications, Relevance
- Detail of the proposed resources in the Format attached

C. Technical Solution Proposed for the Project

Broad areas to be covered in the Technical Solution documentation are given below:

1. Describe the proposed Technical Solution in a structured manner. Following points should be captured in the same:
 - i. Clear articulation of the design, technical solution and various components proposed in the bid including make/model of equipment's with sizing of infrastructure (including diagrams and calculations wherever applicable) proposed.
 - a. Justifications for selection of the proposed technology over other available options.
 - b. Extent of compliance to technical requirements specified in the scope of work
 - c. Technical Design and clear articulation of benefits to SSCL and other associated project stakeholders w.r.t. various components of the solution offered vis-à-vis other options available.

- d. Strength of the Bidder to provide services including examples or case-studies of similar solutions deployed for other clients.
- e. Specific emphasis on fulfilling the requirement of analytics and artificial intelligence as specified in the RFP
- f. Detailed Bill of Material for the solution proposed
- ii. The overall technical solution should be structured in following sub-sections, which are being evaluated by Technical Committee for technical scores:
 - a. Integrated Command and Control Centre
 - b. Surveillance System
 - c. Environmental sensors
 - d. Integrated Traffic Management System
 - e. Integrated Transport Solution
 - f. Automatic Traffic Violation Detection System
 - g. SAHART city app development for advanced Grievance Redressal System
 - h. Enterprise Resource Planning and Departmental database Digitization & Integration
 - i. Development Property & Utility details using GIS based mapping and build a GIS platform
 - j. ICT support to Solid Waste Management
 - k. Design & Implementation of City Network Backbone (OFC Network)
 - l. Capacity building programs of SSCL/SMC officer
 - m. Training and orientation for citizens
 - n. Data Centre and Disaster Recovery Centre
2. Provide detailed approach and methodology for Pre-Implementation, Implementation, Dismantling, Re-installation & Post-Implementation periods.
3. Clearly articulate the Strategy and Approach & Methodology for installation, Configuration & Operationalization of all the key components of the project
4. Approach & Methodology for Management of SLA Requirements specified in the RFP.
5. Insight on Implementation of different Best Practices like ITIL, BS7799, Security Policy, etc.
6. Detailed Project Plan with timelines, resource allocation, milestones etc. in for supply, installation and commissioning of the physical and IT components for the project.

D. Compliance Table to the Technical requirement /Specifications.

The Volume II of this RFP has specified the benchmark / minimum specifications for various components. Bidder is expected to give a comprehensive compliance sheet for the Product and services proposed by them. The Format to be used for this compliance matrix is as given in Annexure -2.

All above mentioned documents shall have an index page with page numbers specified for all the key information / headers. (Not applicable for last document type).

IMPORTANT NOTE: The Bidders shall submit the Technical Solution Proposed and compliance to the min. specifications for the Project. The Bids submitted without these documents are liable to be rejected. The Technical/Evaluation Committee's decision shall be final and binding on all. Format for submitting details on experience of Bidder (in case of Consortium please provide the details of lead member and other members separately)

7.2. Technical Bid Checklist

S. No.	Checklist Item	Format	Compliance (Yes/No)	Page No. and Section No. in the Bid
1.	Technical Bid Covering Letter	As per format mentioned in Section 7.3 of Annexure 3		
2.	Proposed CVs	As per format mentioned in Section 7.4 of Annexure 3		
3.	Credential summary	As per format mentioned in Section 7.5 of Annexure 3		
4.	Bidder's Experience	As per criteria mentioned in section 3.6 and format mentioned in Section 7.6 of Annexure 3		
5.	Project plan and manpower plan	As per format mentioned in Section 7.7, 7.8 & 7.9 of Annexure 3		
6.	Compliance to benchmark/minimum specifications	As per format mentioned in Section 7.10 of Annexure 3		
7.	Manufacturers'/Producers' Authorization Form	As per format mentioned in Section 7.11 of Annexure 3		
8.	Anti-Collusion certificate	As per format mentioned in Section 7.12 of Annexure 3		
9.	Detailed proposed solution	As per format mentioned in Section 7.13 of Annexure 3		
10.	Proposed Bill of Material	As per format mentioned in Section 7.14 for Annexure 3		
11.	Non-disclosure agreement	As per format mentioned in Annexure 6		

7.3. Technical Bid Covering Letter

(To be submitted on the letterhead of the Bidder)

To

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: RFP for Selection of Master systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City

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

Sir/ Madam,

I (in case of single bidder) or We, <<name of the undersigned Bidder and consortium members>>, having read and examined in detail all the bidding documents in respect of "Request for Proposal (RFP) for Selection of Master Systems Integrator for Implementation of Integrated Command and Control Center and Smart Components in Saharanpur City" do hereby propose to provide our services as specified in the bid submitted by us.

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

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

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

We hereby declare that in case the contract is awarded to us, we shall submit the contract Performance bank guarantee in the form prescribed at Annexure 5 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:

7.4. Details of the resource proposed

7.4.1. Summary of resource 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.						
11.						

7.4.2. Curriculum Vitae (CV) of Team Members

1.	Proposed Position:				
2.	Name of firm				
3.	Name of the staff				
4.	Date of Birth				
5.	Nationality				
6.	Education	Qualification	Institute/University	Degree Obtained	Year of passing
7.	Membership of Professional Associations:				
8.	Certifications and Trainings attended				
9.	Countries of work experience				
10.	Languages	For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing			
		Language	Reading	Writing	Speaking
11.	Employment Record	Employer	Position	From	To
12.	Detailed Task Assigned				
13.	Total No. of Years of Work Experience				
14.	Total No. of Years of Experience for the Role proposed				
15.	Relevant Work Undertaken that Best Illustrates the experience as required for the Role)				
16.	Name of Assignment Year Location Employer Main Project Features Position held Activities Performed				

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Date:

Signature of the professional

Place:

Full Name

7.5. Credential Summary

S. No.	Project Name	Client Name	Client Type	Project Value (In INR)	Project Components	Documentary evidence provided (Yes or No)	Project Status (Completed or Ongoing or Withheld)
1.							
2.							
3.							
4.							
5.							

- Client type – Indicate whether the client is Government or PSU or Private
- Project Components – Indicate the major project components like setting up of IT systems/ IT systems integration/ IT services/ ICT/ System integration services/ communication infrastructure/ city surveillance/ ICT based utility management/ Transport management/ command & control center implementation/ Network operating center (NOC)
- 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)

7.6. Bidder's Experience- Client Citations

Sole Bidder or Lead bidder in case of Consortium is requested to furnish the credentials in the following format for both Pre-Qualification and Technical Criteria. 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 6.8.

7.7. 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						

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

7.8. Manpower Plan

7.8.1. Till Go-Live Implementation

Activities Wise Timeline									
S. No.	Role	Month wise time to be spent by each personnel (in days)						Total	Onsite/ Offsite
		1	2	3	4	59		
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									

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

Activities Wise Timeline

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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
10									Onsite/Offsite

7.9. Format for sharing details of the Resources/Personnel to be deployed

Sl. No.	Name of the resource	Proposed Role	Highest Degree	Certifications (e.g., PMP or ITIL or TOGAF or CCNP etc.)	Relevant Experience related to (In Years)	Please mention 2 relevant projects handled	Total Experience (In Years)
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

7.10. Format for specifying Compliance to the benchmark / minimum Specifications

Bidder is required to submit compliance to the required benchmark / minimum specifications for various components specified in the RFP

This compliance would be needed in two Formats – 1) Summary table given below for all the items, 2) Compliance tables for each of the line item against the benchmark specifications specified in the Volume II of this RFP.

1) Summary Table of the Compliance of Requirements

#	Component	Unit of Measurement	Quantity Proposed	Make & Model	Compliance to Required Specifications? (Yes / No)
1.				
2.				
3.				

2) Detailed compliance tables for each of the proposed items against the benchmark specifications specified in the Volume II of this RFP should be provided on OEM/Manufacturer's Letterhead and cross-signed and stamped by Bidder's Authorized Signatory

Name of the Equipment:

#	Parameter	Minimum Specification /Requirement mentioned in the RFP	Compliance (Yes / No)	Remarks (If compliance is No) – state clearly if the deviation is having a +ve or -ve impact
1.			
2.			
3.			

7.11. Format for Authorization Letters from OEMs

Date: dd/mm/yyyy

To

Chief Executive Officer,
Saharanpur Smart City Limited,
Gurudwara Road, Saharanpur, Uttar Pradesh

Subject: Authorization Letter to M/s. ----- for the participation in the Bid for

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

Sir,

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

We herewith certify that the above mentioned equipment / software products will be supplied to M/s _____ [*name of the bidder*] as part of the subject project and we hereby undertake to support these equipment / software for the duration of minimum 10 years from the date of submission of the bid.

We also confirm that the offered system will not be end of life for min 72 months from the date of bid submission.

Yours faithfully,

For and on behalf of M/s _____ (Name of the manufacturer)

Signature :

Name :

Designation :

Address :

Date :

Note:

- 1) This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by an authorized signatory of the manufacturer. The same would need to be submitted by the Bidder as a part of Technical Bid.

7.12. Anti-Collusion Certificate

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

Anti-Collusion Certificate

We hereby certify and confirm that in the preparation and submission of our Bid for Request for Proposal (RFP) for Selection of Master systems Integrator (MSI) for Implementation of Integrated Command & Control Center (ICCC) and Smart Components in Saharanpur City against the RFP Tender No :<No> Dated<DD/MM/YYYY> 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 bid.

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

7.13. Overview of Proposed Solution

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	Understanding of the project and conformity to volume 2 : Functional Requirement and High level Architecture of the proposed solution as per requirements of the RFP
2	Proposed deployment architecture for on-premise DC, cloud DC & cloud DR to meet the functionalities as given in RFP and Proposed Network Architecture covering ICCC viewing center, CCC platform (DC Cloud), on-premise DC & cloud DR to meet the functionalities as given in RFP
3	Proposed security solution to safeguard against various threats including hacking attempts, cyber-crime, internal/ external threats etc.
4	Proposed solution for design & development of SOPs and KPIs, also please list down all the SOPs & KPIs identified for the solution.
5	Identification of major risks for the projects and also propose suitable mitigation plan for each of identified risks.
6	Methodology, tools and Technologies to create, monitor & maintain all the SLAs and managing change requests
7	Proposed structure for: <ol style="list-style-type: none"> i. Project Strategy ii. Project Management iii. Risk Management iv. Resource Plan v. Project Governance Model

7.14. 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 any such details and the bids will be summarily rejected. 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 after getting the change request approvals. The Bidder shall quote only one specific make and model from only one specific OEM, for each of the goods. Providing more than one option shall not be allowed.

***The list of items mentioned hereunder is indicative. The Bidder can increase the line item/quantity, that may be required to fulfill the RFP and project requirements in totality. The BoM shall comply with the FRS and TRS given in Vol.2 of the RFP. Proposed quantity should not be less than the Indicative quantity, in any case. All such changes must reflect in the Online Price Bid also.

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7.14.1. CAPEX items

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
1	ITMS	Supply & Installation of digital Vehicular Count down timer for Signal Junctions (Dual Color ,EN 12966 Standerds)	Nos	120				
2	ITMS	Supply & Installation of digital Pedestrian Count down timer for Signal Junctions (Dual Color ,EN 12966 Standerds)	Nos	120				
3	ITMS	Supply & Installation of Galvanised Iron Class B Traffic Signal straight pole of 6 mtr height as per Specification	Nos	120				
4	ITMS	Supply & Installation of Galvanised Iron Class B Traffic Signal cantilever pole of as per Specification	Nos	60				
5	ITMS	Supply & Installation of 300 mm dia – single source – LED retrofit - Red (blow) as per EN 12368 Standerds	Nos	180				
6	ITMS	Supply & Installation of 300 mm dia – single source – LED retrofit - Amber(blow) as per EN 12368 Standerds	Nos	180				
7	ITMS	Supply & Installation of 300 mm dia – single source – LED retrofit - Green(arrow/U-Turn) as per EN 12368 Standerds	Nos	360				
8	ITMS	300 mm dia – single source – LED retrofit - Red (blow) Stop-Man as per EN 12368 Standerds	Nos	120				
9	ITMS	300 mm dia – single source – LED retrofit - Green (blow) Walk-Man as per EN 12368 Standerds	Nos	120				
10	ITMS	Supply & Installation of Polycarbonate LED Signal head housing 300 mm dia. as per ATC technical	Nos	960				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
		specification and drawing alongwith brackets & accessories etc. (For all type of LED Retrofit)(6.a+6.b+6.c+6.d)						
11	ITMS	Vehicle Detector (Camera)	Nos	60				
12	ITMS	Supply & Installation of 32/64 bit Microcontroller based Automatic traffic signal controller housed in a water proof, dust proof & dust tight(IP55 grade) cabinet with internal locking arrangement , Police panel etc., The controller should have minimum 48 output phases and should be equipped with all features of Adaptive traffic Controller system for future scalability.	Nos	60				
13	ITMS	1.5 Sq mm 14 core Copper Conductor	As per site	18000				
14	ITMS	1.5 Sq mm 7 Core Copper Conductor	As per site	9000				
15	ITMS	Supply & Installation of power supply box 600mm X 400mmX 300mm (HXWXD), with canopy made in welded construction of S.S. 304 material having sheet of thickness 1.6mm with IP 65 protection as per technical specification and as per requirement of power supply authority	Nos	60				
16	ITMS	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.; 90/120mm DWC pipe, 14/7 core 1.5 and backfilling.	Lot	60				
17	ITMS	Provisioning of Electric Supply at the junction	Nos	60				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
18	ITMS	Supply & Installation of Lane RLVD/ANPR Camera with internal / external IR Illuminator	Nos	120				
19	ITMS	Supply & Installation of Wide angle Evidence Camera with internal / external IR Illuminator	Nos	60				
20	ITMS	Camera licence for RLVD analytics	Nos	60				
21	ITMS	Camera licence for No-Helmet Detection analytics	Nos	60				
22	ITMS	Camera license for Triple Riding Detection analytics	Nos	60				
23	ITMS	Pole Mounted Control Unit : With all cabling, fittings, earthing , link to ANPR processor by OFC	Nos	60				
24	ITMS	Supply & Installation of 6 Mtr Cantelever Pole as per site requirement	Nos	60				
25	ITMS	RLVD FIELD -PROCESSOR UNIT Industrial PC i7,8GB, 1TB etc , with UPS, Gigabit industrial switch, Media converters for each Road connectivity)	Nos	17				
26	ITMS	Junction box, etc.	Lot	60				
27	ITMS	Server For Traffic Management System	Nos	1				
28	ITMS	Traffic Monitoring and Report generation Software	Nos	1				
29	ITMS	Server For RLVD System	Nos	1				
30	ITMS	RLVDS Software	Nos	1				
31	ITS - Bus	BDC/SCU	Set	50				
32	ITS - Bus	PIS (Bus)	Set	50				
33	ITS - Bus	Bus Camera (Set of 2) with internal IR Illuminator	Set	50				
34	ITS - Bus	Ticketing Machine	Nos	50				
35	ITS - DC	Automatic Vehicle Location System	Nos	1				
36	ITS - DC	Passenger Information System	Nos	1				
37	ITS - DC	Depot Management System	Nos	1				
38	ITS - DC	Automated Fare Collection System	Nos	1				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
39	ITS - DC	Incident Management System	Nos	1				
40	ITS - DC	BI (10 ul)	Nos	1				
41	ITS - Depot	Depot Workstation	Nos	2				
42	ITS - Applications	Integration with ICCC	Nos	1				
43	E-Governance Kiosks	E-Governance Kiosks (including software license)	Nos	4				
44	CCTV Surveillance	Outdoor Box Fixed Camera with internal / external IR Illuminator	Nos	760				
45	CCTV Surveillance	Outdoor Bullet Fixed Camera with internal IR Illuminator	Nos	100				
46	CCTV Surveillance	Outdoor PTZ Camera with internal IR Illuminator	Nos	56				
47	CCTV Surveillance	ANPR Cameras with internal / external IR Illuminator	Nos	36				
48	CCTV Surveillance	Public Address System	Lot	22				
49	CCTV Surveillance	Emergency Call Box	Lot	22				
50	CCTV Surveillance	Poles with Cantilever for ANPR Cameras	Lot	16				
51	CCTV Surveillance	Poles for cameras and equipments	Nos	644				
52	CCTV Surveillance	Industrial grade outdoor PoE Switches	Nos	360				
53	CCTV Surveillance	Provisioning of Electrical Power	Nos	322				
54	CCTV Surveillance	Networking Cost (Passive Components) (Pl. specify the details like Junction Box, Patch Panel, LIU, OFC, Cat6 Cable, Power Cable, Patch Cords, Pipes, earthing, Lighting arrester and electrical, earthing	Lot	322				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
		cables, Installation & Labour Charges, etc.						
55	CCTV Surveillance	UPS with Battery (appropriate Backup as per technical/ functional specification)	Nos	360				
56	Mobile Application	SAHART City App: Mobile Application + Web Portal development (Integration with all municipal services with payment gateway integration, collaboration platform (Polls, blogs and social media integration)	Lot	1				
57	Solid Waste Management	Solid Waste Management Application Software	Set	1				
		Automated Vehicle Locator Management System with requirement of customized dashboard specific for monitoring and tracking of solid waste management activities and integration with the RFID system & volume sensor system for bin collection management.						
		Waste Management Monitoring Application						
		Mobile Application - Mobile GPS based Staff Attendance Management System						
		Driver/Field Staff Mobile Application						
		Citizen Mobile App						
		GIS Platform to be provided by SI which will be integrated through API (Integration with existing Map)						
58	Solid Waste Management	Vehicle Tracking System (VTS) GPS Device	No.	76				
59	Solid Waste Management	RFID receiver for Compactors / Auto tippers	No.	10				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
60	Solid Waste Management	QR Code tags for All House Holds	No.	1,50,000				
61	Solid Waste Management	Mobile Phone for Vehicle Collector driver (Smart Phone with SWM app to scan the QR code)	No.	66				
62	Solid Waste Management	RFID tags for SWM Vehicles	No.	76				
63	Solid Waste Management	4G Mobile with Biometric device for Supervisor	No.	45				
64	Solid Waste Management	3G GPRS SIM for the GPS Units in Vehicles, Filed Staff Mobiles & Weighbridge Gateway	No.	1,199				
65	Solid Waste Management	Smart Bin Sensors (Level sensors)	No.	1,000				
66	Solid Waste Management	RFID tags for Bins	No.	1,000				
67	Solid Waste Management	Geo Tagging, geo referencing, geo fencing in coordination with the route plan for vehicle tracking	No.	1				
68	Solid Waste Management	Installation of RFID reader along with pole for land fill sites	No.	2				
69	Environmental Sensors	Supply and Installation of Environmental Sensor (GSM/Wi-Fi based) a. PM2.5, PM10 b. Gases: CO2, CO c. Temperature, Humidity d. Light :Visible Light, UV e. Weatherproof f. External DC Powered	No.	6				
70	Environmental Sensors	Data Integration Support + Data dashboard/Platform	No.	1				

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
71	ICCC-Video Wall	Video Wall Cubes (70") 4*3 matrix (DLP Laser Light)		24				
72	ICCC-Video Wall	Video Wall Controller with Wall Management System		2				
73	ICCC-Video Wall	Audio Mixer and Speaker System		2				
74	ICCC - Hardware	Multi Function Laser Printer (City Operations Room)		2				
75	ICCC - Hardware	Operator Workstations (City Management Room)		24				
76	ICCC - Hardware	IP Phones		44				
77	ICCC - Hardware	Digital Set top boxes		2				
78	ICCC - Hardware	65" LED TV set (Meeting room)		2				
79	ICCC - Hardware	Virtual Reality : Dashboard Integration , Development and deployment along with necessary hardware and software (16 screen : 4 instances)		1				
80	ICCC - Hardware	Office Desktop		5				
81	ICCC - Situation Room	65" LED display to present critical information Display		2				
82	ICCC - Situation Room	Video MultiConferencing Unit (MCU)		1				
83	ICCC - Situation Room	Video End point		1				
84	ICCC - IP PBX	IP PBX System with Emergency Notification System		1				
85	ICCC - IP PBX	ISDN PRI Licenses		2				
86	ICCC - IP PBX	Contact Center Agent License		4				

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
87	ICCC - IP PBX	Contact Center Supervisor License		1				
88	ICCC - IP PBX	Call Recording License		5				
89	ICCC - IP PBX	Contact Center Reporting License		1				
90	ICCC - IP PBX	Outbound Dialer		2				
91	ICCC - IP PBX	Headsets		5				
92	ICCC - Building Utilities	DG Set (for IT load only)		2				
93	ICCC - Building Utilities	IBMS		1				
94	ICCC - Building Utilities	UPS with battery backup		2				
95	ICCC - Building Utilities	Access Control System		1				
96	ICCC - Building Utilities	Electrical and power cabling		1				
97	ICCC - Building Utilities	Electrical Cabling & Necessary Illumination Devices		1				
98	ICCC - Building Utilities	LAN and CAT-6 cabling		1				
99	ICCC - Building Utilities	Public Address System (Speakers)		10				
100	ICCC - Building Utilities	Fire & Smoke Detection System		6				
101	ICCC - Building Utilities	Fixed Dome Cameras		6				
102	ICCC - Furniture	Furniture for City Management Room Operator Desks		26				
103	ICCC - Furniture	Furniture for City Management Room Manage's Desk		1				
104	ICCC - Furniture	Furniture for City Management Room meeting table and chairs		1				

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
105	ICCC - Furniture	Furniture for Meeting Room meeting table and chairs		1				
106	ICCC - Furniture	Furniture for Contact Center Operator Desks		4				
107	ICCC - Furniture	Furniture for Security Room Desks		1				
108	ICCC - Furniture	Furniture for Technical Support Team Desks		8				
109	ICCC - Furniture	Furniture for War Room		1				
110	ICCC - Civil Works	Civil Work (2 floors of 2800 Sq Fteach) (Structure of building shall be provided by the City SPV, finishing which includes wiring, ducting, false ceiling, false flooring, etc. will be the responsibility of MSI)		1				
111	OFC	96 core optical fibre cable	Km	200				
112	OFC	UTP Cat 6 Armoured Cable (As per Bidder's Solution)	Km	200				
113	OFC	Patch Cord	Number	600				
114	OFC	Distribution Switches (Field Side)	Number	20				
115	OFC	HDPE for laying OFC (Per Km)	Km	200				
116	OFC	Network Switch (Junctions)	Number	100				
117	OFC	Junction Box	Number	100				
118	OFC	Field UPS	Number	100				
119	OFC	Patch Panel/ Fibre interface unit	Number	100				
120	OFC	Power Cable	Km	11				
121	OFC	Fibre Management System	Number	100				
122	ICCC Integration	Integration with City GIS Platform	Lump sum	1				
123	ICCC Integration	Integration with City Surveillance System	Lump sum	1				
124	ICCC Integration	Integration with SMART Governance (Multiple Municipal Services) System	Lump sum	1				

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
125	ICCC Integration	Integration with SMART LED Lights (Monitoring & Control, Integration with Existing LED CCMS Systems)	Lump sum	1				
126	ICCC Integration	Integration with Integrated Solid Waste Management System (GPS Vehicle, STP SCADA, SMART Bins, Camera based Monitoring)	Lump sum	1				
127	ICCC Integration	Integration with City Water SCADA System	Lump sum	1				
128	ICCC Integration	Integration with City Power SCADA System	Lump sum	1				
129	ICCC Integration	Integration with ITMS	Lump sum	1				
130	ICCC Integration	Integration with SMART Parking System	Lump sum	1				
131	ICCC Integration	Integration with SMART Health Care System	Lump sum	1				
132	ICCC Integration	Integration with SMART Education System	Lump sum	1				
133	ICCC Integration	Integration with Digital VMD System	Lump sum	1				
134	ICCC Integration	Integration with Panic Button & Emergency Call Box System	Lump sum	1				
135	ICCC Integration	Integration with Public Addressal System	Lump sum	1				
136	ICCC Integration	Integration with Environmental Sensors Application	Lump sum	1				
137	ICCC Integration	Integration with City Specific mobile / web Application	Lump sum	1				
138	ICCC Integration	Integration with DIAL 100 Application	Lump sum	1				
139	ICCC Integration	Integration with eLibrary	Lump sum	1				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
140	ICCC Integration	Integration with Smart Toilets	Lump sum	1				
141	ICCC Platform	ICCC Platform on cloud	Lump sum	1				
142	GIS - Survey	DGPS Survey	Nos	25				
143	GIS - Survey	Total Station Survey	Sq km	80				
144	GIS - Survey	GPR Survey	km	890				
145	GIS - Survey	Property Tax Survey	No's	125000				
146	GIS - Basemap Creation	Acquisition of Satellite imagery 0.3 m or better resolution ,ortho rectified, Geo referenced satellite image(saharanpur), in the name of saharanpur municipal corporation	Sq km	100				
147	GIS - Basemap Creation	Creation of Basemap and overlaying TS data on 0.3 m high resolution imagery	Nos	80				
148	GIS - Enterprise	Supply, Installation and Implementation of GIS & Image Processing Servers Software Licenses	Nos	1				
149	GIS - Enterprise	Supply, Installation and Implementation of GIS & Image Processing Desktop Software Licenses	Nos	3				
150	GIS - Enterprise	Citizen GIS web portal, Mobile Application and GIS enabled departmental modules for department	Nos	12				
151	GIS - Enterprise	GIS Integration with ICCC and other application	Nos	1				
152	GIS - Enterprise	Geographical Information System: 1.Survey of Line departments for Data Collection, Ground Truthing and GIS conversion of legacy Data. 2. Procurement of Satellite Imagery 0.5 m or better Resolution, Ortho rectified, Geo Referenced Satellite Image (Saharanpur) in the						

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
		name of Saharanpur Municipal corporation 3. Creation of Basemap						
153	Digitisation and ERP	License Cost of the Basic ERP Modules (Approx. 300 Licenses)	Lumpsum	1				
154	Digitisation and ERP	One Time Customization and implementation of ERP Module(Lump sum)	Lot	1				
155	Digitisation and ERP	DMS based E-office (for 100 Concurrent users) with content capture facility from all document scanners	Lumpsum	1				
156	Digitisation and ERP	Deployment Cost of DMS	Lumpsum	1				
157	Digitisation and ERP	Desktop PCs	Nos	30				
158	Digitisation and ERP	Scanners (with ADF)	Nos	30				
159	Digitisation and ERP	Desktop Laser Printers	Nos	30				
160	Digitisation and ERP	Data Scanning & Entry (per sheet)	Nos	1000000				
161	Digitisation and ERP	IT Audit Cost	Nos	1				
162	Server Room - Servers	ANPR system	Nos	3				
163	Server Room - Servers	RLVD system	Nos	2				
164	Server Room - Servers	Surveillance Cameras-Management Server	Nos	1				
165	Server Room - Servers	Surveillance Cameras-Recording Server	Nos	15				
166	Server Room - Servers	Servers for Digitisation and ERP	Nos	9				
167	Server Room - Servers	Antivirus Server	Nos	1				

REQUEST FOR PROPOSAL (RFP) FOR SELECTION OF MASTER SYSTEM INTEGRATOR FOR IMPLEMENTATION OF INTEGRATED COMMAND AND CONTROL CENTRE & SMART COMPONENTS IN SAHARANPUR CITY

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
168	Server Room - Servers	GIS server	Nos	1				
169	Server Room - Servers	Server for CCC Application & other applications like IBMS, contact centre etc.	Nos	4				
170	Server Room - Servers	Other management servers	Nos	1				
171	Server Room - Application and System Software	ITMS Software (Software + License) (ATCS)	Nos	1				
172	Server Room - Application and System Software	ANPR (Software + Licence)	Nos	1				
173	Server Room - Application and System Software	RLVD (Software+Licence)	Nos	1				
174	Server Room - Application and System Software	Public Address System	Nos	1				
175	Server Room - Application and System Software	Emergency Call Box System	Nos	1				
176	Server Room - Application and System Software	Contact Centre application and database	Nos	1				
177	Server Room - Other requirements	42U Racks (Network + Server Racks)	Nos	10				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
178	Server Room - Other requirements	Storage (SAN Switch)	Nos	2				
179	Server Room - Other requirements	Primary + Secondary Storage (2000 TB)	Nos	1				
180	Server Room - Other requirements	Video Management System (VMS) (Software+Licence)	Nos	950				
181	Server Room - Other requirements	LAN Switches (along with desired software system like OS, DB, etc.)	Nos	15				
182	Server Room - Other requirements	Aggregation Router (along with desired software system like OS, DB, etc.)	Nos	2				
183	Server Room - Other requirements	Access Switch (along with desired software system like OS, DB, etc.)	Nos	7				
184	Server Room - Other requirements	Internet Router (along with desired software system like OS, DB, etc.)	Nos	2				
185	Server Room - Other requirements	KVM Switch (along with desired software system like OS, DB, etc.)	Nos	8				
186	Server Room - Other requirements	Core Switch (along with desired software system like OS, DB, etc.)	Nos	2				
187	Server Room - Other requirements	Aggregation Switch (along with desired software system like OS, DB, etc.)	Nos	2				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
188	Server Room - Other requirements	Host Intrusion Prevention System (HIPS)	Nos	40				
189	Server Room - Other requirements	Network Intrusion Prevention System (NIPS)	Nos	1				
190	Server Room - Other requirements	NGFW Firewalls (for internal & external both in HA)	Nos	4				
191	Server Room - Other requirements	Web Access Firewall	Nos	1				
192	Server Room - Other requirements	Enterprise Management System	Nos	1				
193	Server Room - Other requirements	Security Information & Event Management (SIEM) System	Nos	1				
194	Server Room - Other requirements	Centralised Antivirus Solution	Nos	1				
195	Server Room - Other requirements	Data Loss Prevention (DLP) Tool	Nos	1				
196	Server Room - Other requirements	End Point Zero Day Malware protection	Nos	1				
197	Server Room - Other requirements	Threat Analysis tool License	Nos	1				

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Make /Brand	Model Details	Full compliance with RFP Vol-2
198	Server Room - Other requirements	Server Load Balancer	Nos	2				
199	Server Room - Other requirements	Link Load balancer	Nos	2				
200	Server Room - Other requirements	DDoS	Nos	1				
201	Server Room - Other requirements	Operating System, Database, CALs (Lot)	Nos	1				
202	Server Room - Other requirements	Tape Drive for Backup	Nos	1				
203	Server Room - Other requirements	Virtualization (Software + Licenses)	Lot	1				

7.14.2. OPEX Items

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty
1	Manpower	Project Manager	Man-month	60	
2	Manpower - Tech Support	IBMS & Command and Control Expert (Distributed effort for 5 years)	Man-month	12	
3	Manpower - Tech Support	Solution Architect (Distributed effort for 5 years)	Man-month	16	
4	Manpower - Tech Support	ITMS Expert (Distributed effort for 5 years)	Man-month	16	
5	Manpower - Tech Support	Security & Surveillance Expert (Distributed effort for 5 years)	Man-month	16	

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty
6	Manpower - Tech Support	SWM Expert (Distributed effort for 5 years)	Man-month	16	
7	Manpower - Tech Support	Cyber Security Expert (2 resources for 12 months each distributed for 5 years)	Man-month	24	
8	Manpower - Tech Support	Mobile App/Software Developer (2 resources for 12 months each distributed for 5 years)	Man-month	24	
9	Manpower - Tech Support	Network & Infrastructure Expert (Distributed effort for 5 years)	Man-month	30	
10	Manpower - Tech Support	Server Storage/Database Expert (Distributed effort for 5 years)	Man-month	30	
11	Manpower - DC	GIS Expert (2 resources for 12 months each distributed for 5 years)	Man-month	24	
12	Manpower - DC	ERP Expert (Distributed effort for 5 years)	Man-month	12	
13	Manpower - Non IT	Pantry Staff (2 resources)	Man-month	120	
14	Manpower - Non IT	Electrical and Plumbing team (2 resources)	Man-month	120	
15	Manpower - Non IT	Security Staff (3 resources)	Man-month	180	
16	Manpower - Non IT	Housekeeping staff (3 resources)	Man-month	180	
17	Manpower - Non IT	Admin and support (2 resources)	Man-month	120	
18	Manpower - Non IT	Contact Center Operators (10 resources) (Call Center)*	Man-month	600	
19	Manpower - Non IT	Viewing Center Operators (ICCC) (10 resources)	Man-month	600	
20	Bandwidth Requirement	Internet bandwidth between DC Aggregation to DR	512 mbps	1	
21	Bandwidth Requirement	Leased line bandwidth between DC and DR	1 Gbps	1	
22	Bandwidth Requirement	MPLS Connectivity between City ICCC , Server room, Cloud DC and DR from one of the POP location (on demand)	512 mbps	1	
23	DC Site	Rate Contract for Server Computing with OS, Database, Security Features as per MEITY Guidelines. (4 Core, 32 GB RAM per VM)	VM	As Per requirement	
24	DC Site	Rate Contract for Storage for all Critical Applications, Enterprise database, GIS data and flagged video Feed (Not for regular feed) with all security features as per MEITY guidelines.	TB	As Per requirement	

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Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty
25	DR Site	Rate Contract for Server Computing with OS, Database, Security Features as per MEITY Guidelines. (4 Core, 32 GB RAM per VM)	VM	As Per requirement	
26	DR Site	Rate Contract for Storage for all Critical Applications, Enterprise database, GIS data and flagged video Feed (Not for regular feed) with all security features as per MEITY guidelines.	TB	As Per requirement	
27	Services	Integrated Traffic Management System	Lot	1	
28	Services	City Surveillance System	Lot	1	
29	Services	E-Governance (SAHART App + GIS Module)	Lot	1	
30	Services	ICT enabled Solid Waste Management	Lot	1	
31	Services	Environmental Sensors	Lot	1	
32	Services	Digitization & ERP			
33	Services	Integrated Command and Control System	Lot	1	
34	Services	Data Centre / Server Room	Lot	1	
35	Services	ICCC Platform	Lot	1	
36	Services	DR Network	Lot	1	
37	Services	Optical Fiber	Lot	1	
38	Capacity Building	Functional Training	Batch	12	
39	Capacity Building	Administrative Training	Batch	9	
40	Capacity Building	Sr. management Training	Batch	5	
41	Capacity Building	Functional Training (for Digitisation, ERP & DMS)	Batch	5	

8. Annexure 4 – Formats of Price Bid

8.1. Price Bid - Format 1

Sl #	Head	Amount (in INR)	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 Project Cost (1 + 2) (Towards the Design, supply, Implementation, operation and maintenance of the Project, inclusive of 5 years O&M of the Project from the Phase wise Go-Live as detailed in the Project scope, Inclusive of all taxes, levies, duties, etc. as applicable)		

1. PRICE AND VALIDITY

- All the prices mentioned by us in this Price Bid are in accordance with the terms as specified in the RFP Documents. All the prices and other terms and conditions of this RFP are valid for a period of 180 calendar days from the date of submission of the Bid.
- We hereby confirm that our prices include all taxes, charges, levies etc. to be payable to various govt./non-govt./local authorities.
- We understand and agree that the finalization/selection of the System Integrator is solely on the basis of the QCBS, subject to fulfilment **of eligibility criteria**.

2. UNIT RATES

We also understand and agree that the unit rates of various components as per Format 2 of the Price Bid also should be quoted, without which the bid is liable to be rejected by the technical/evaluation committee. The decision of the committee shall be final and binding on all in this regard.

We have indicated in the Format 2 of the Price Bid, the unit rates for the purpose of payment as well as for price adjustment in case of any increase to / decrease from the scope of work or quantities under the contract. We understand and agree that the unit rates will not be considered for evaluation, finalization/selection of the System Integrator under this RFP.

3. QUALIFYING DATA

We confirm having submitted the information as required by you in your Instruction to Bidder. In case you require any other further information/documentary proof in this regard before evaluation of our RFP, we agree to furnish the same in time to your satisfaction.

4. BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified in the RFP Document. The relevant unit prices are indicated in the Format 2 of the Price Bid.

5. CONTRACT PERFORMANCE BANK GUARANTEE

We hereby declare that in case the contract is awarded to us, we shall submit the contract Performance Bank Guarantee in the form prescribed in the RFP.

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

We understand that our response to the RFP is binding on us and that you are not bound to accept a RFP you receive.

8.2. Price Bid - Format 2 – Unit Rates

Note: Please note that all unit rates quoted as per this Format 2 is for the sole purpose of price adjustment in case of any increase to/decrease from the scope of work or quantities under the contract. These rates will not be considered for evaluation or finalisation of the bid. However, based on the market trends, Authority retains the right to negotiate this rate for future requirement.

The components and quantities mentioned in the below table is indicative only and bidder shall propose the systems/components as per their proposed solution design to meet requirements of the RFP focusing on the outcome, future scalability, security, reliability and adherence to specified SLA under this RFP.

8.2.1. Price Component for CAPEX – Unit Rates

Sr No	Solution / Component	BOM Line Item	Unit of Measurement	Indicative quantity	Quantity Proposed	Unit base price	All taxes, duties, etc (applicable) in INR	Total Price including All taxes, duties,etc (applicable) in INR
1	2	3	4	5	6	7	8	9=(6x7)+8

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8.2.2. Price Component for OPEX – Unit Rates

Sr.No.	Category	BoM Line Item	Unit	Indicative Qty	Proposed Qty	Year 1 Cost (in INR)	Year 1 All Taxes, duties, etc(in INR)	Year 2 Cost (in INR)	Year 2 All Taxes, duties, etc(in INR)	Year 3 Cost (in INR)	Year 3 All Taxes, duties, etc(in INR)	Year 4 Cost (in INR)	Year 4 All Taxes, duties, etc(in INR)	Year 5 Cost (in INR)	Year 5 All Taxes, duties, etc(in INR)	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	12 = Sum of 7 to 16
1																
2																
3																

8.3. General instructions

- a. The Authority or any other government agency shall not have any liability of paying any taxes (including GST)/charges/levies as part of this project. The bidder has to quote their Price duly factoring in all these costs over the project duration.
- b. Bidder should provide all prices as per the prescribed Format under this Annexure.
- c. All the prices are to be entered in Indian Rupees (INR) only
- d. Prices indicated in the schedules shall be inclusive of all taxes, GST, Levies, duties etc. The prices should also specify any recurring charges and six year O&M support cost as per specified Formats.
- e. Authority reserves the right to ask the Bidder to submit proof of payment against any of the taxes, duties, levies indicated.
- f. The Bidder needs to account for all Out of Pocket expenses on account of Boarding, Lodging and other related items.
- g. The Unit Rate as mentioned in the prescribed Formats may be used for the purpose of 'Change Order' for respective items, if any. However, based on the market trends, Authority retains the right to negotiate this rate for future requirement
- h. Bidder shall ensure that the future products to be supplied shall be of latest specifications as per the OEM roadmap.
- i. Bidder should refer Volume II of the RFP for details on the functional requirements of the system and the benchmark minimum specifications for the items mentioned in the Price Formats.
- j. Total cost should be inclusive of all applicable taxes / charges, annual support charges or any other recurring charges such as license fees etc.(for hardware as well as software components) as applicable.
- k. No escalation of prices will be considered during the course of the project implementation and O&M.

9. Annexure 5 (A) - Format for EMD

(Either DD or BG from Nationalized / Scheduled Bank on INR 100/- Stamp Paper)

To,

<Name>

<Designation>

<Address>

<Phone Nos.>

<Fax Nos.>

<Email id>

Whereas <<Name of the bidder>> (hereinafter called 'the Master 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:

1. Our liability under this Bank Guarantee shall not exceed Indian Rupees<<Amount in figures>> (Rupees <<Amount in words>> only)
2. This Bank Guarantee shall be valid up to <<insert date>>)

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3. 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:

10. Annexure 5 (B) - Format for Bank Guarantee (Advance & Performance)

[On Appropriate Stamp Paper]

Ref: _____

Date _____

Bank Guarantee No. _____

<Name>

<Designation>

<Address>

<Phone Nos.>

<Fax Nos.>

<Email id>

Whereas, <<name of the supplier and address>> (hereinafter called "the Master System Integrator") has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide Implementation services for <<name of the assignment>> to Saharanpur Smart City 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 Master 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:

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- 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)

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-2018>> “**RFP for selection of Master System Integrator for implementation of Integrated Command and Control Centre and Smart Components in Saharanpur City**” (hereinafter called the said 'RFP') to the “Saharanpur Smart City Limited”, hereinafter referred to as 'Authority'

And,

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

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

It is hereby agreed as under:

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

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

3. The Bidder agrees to hold in trust any Confidential Information received by the Bidder, as part of the Tendering process or otherwise, and the Bidder shall maintain strict confidentiality in respect of such Confidential Information, and in no event a degree of

confidentiality less than the Bidder uses to protect its own confidential and proprietary information. The Bidder also agrees:

- a. to maintain and use the Confidential Information only for the purposes of bidding for this RFP and thereafter only as expressly permitted herein;
 - b. to only make copies as specifically authorized by the prior written consent of the Authority and with the same confidential or proprietary notices as may be printed or displayed on the original;
 - c. to restrict access and disclosure of Confidential Information to their employees, agents, consortium members and representatives strictly on a "need to know" basis, to maintain confidentiality of the Confidential Information disclosed to them in accordance with this clause; and
 - d. To treat Confidential Information as confidential unless and until Authority expressly notifies the Bidder of release of its obligations in relation to the said Confidential Information.
4. Notwithstanding the foregoing, the Bidder acknowledges that the nature of activities to be performed as part of the Tendering process or thereafter may require the Bidder's personnel to be present on premises of the Authority or may require the Bidder's personnel to have access to software, hardware, computer networks, databases, documents and storage media of the Authority while on or off premises of the Authority. It is understood that it would be impractical for the Authority to monitor all information made available to the Bidder's personnel under such circumstances and to provide notice to the Bidder of the confidentiality of all such information.
 5. 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.
 6. 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.
 7. 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.
 8. 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

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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.

9. 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

Office Seal:

Name:

Place:

Designation:

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] 2018 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 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 Saharanpur Smart City Limited has issued a Request for Proposal dated [Date] (RFP) from the Applicants interested in **Request for Proposal for Selection of Master System Integrator for Implementation of Integrated Command & Control Centre and Smart Components in Saharanpur City:**

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:

- a) Submit a response jointly to Bid for the "**RFP for selection of Master System Integrator for implementation of Integrated Command and Control Centre and Smart Components in Saharanpur City**" as a Consortium.
- b) Sign Contract in case of award.
- c) 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 System Integrator for Implementation of Integrated Command and Control Centre and Smart Components in Saharanpur City Solution" 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:

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- 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: _____

Party D: _____

Party E: _____

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 Uttar Pradesh 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 authorize 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 ____ 2018

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

NOW THIS POWER OF ATTORNEY WITNESSETH THAT

We, M/s._____, and M/s _____ hereby designate M/s. _____

being one of the members of the Consortium, as the lead member of the Consortium, to do on behalf of the Consortium, all or any of the acts, deeds or things necessary or incidental to the Consortium'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.

Dated this the _____ day of _____ 2018

(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

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

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

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<p>For and on behalf of _____ (Bidder)</p> <p>Signature:</p> <p>Name:</p> <p>Designation:</p> <p>Witness 1:</p> <p>Signature:</p> <p>Full name:</p> <p>Address:</p> <p>Witness 2:</p> <p>Signature:</p> <p>Full name:</p> <p>Address:</p>	<p>For and on behalf of _____ (Parent/subsidiary/sister concern company)</p> <p>Signature:</p> <p>Name:</p> <p>Designation:</p> <p>Witness 1:</p> <p>Signature:</p> <p>Full name:</p> <p>Address:</p> <p>Witness 2:</p> <p>Signature:</p> <p>Full name:</p> <p>Address:</p>
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16. Annexure 11: Format of Parent company / Subsidiary / Sister Concern Company Guarantee (as the case may be)

(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

Saharanpur Smart City Limited, a statutory body under _____, having its Registered Office at _____, hereinafter called "SSCL" 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 SSCL, submitted their bid number to SSCL 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 SSCL 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 SSCL to enter into agreement(s) with the Company, the Guarantor hereby agrees to give this guarantee and undertakes as follows:

- a. 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 SSCL, take up the job without any demur or objection, in continuation and without loss of time and without any cost to SSCL and duly perform the obligations of the Company to the satisfaction of SSCL.

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- b. 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.
- c. The Guarantor shall be jointly with the Company and also severally responsible for satisfactory performance of the contract entered between the Company and SSCL.
- d. The liability of the Guarantor, under the Guarantee, is limited to the 50% of the annualized contract price entered between the Company and SSCL. This will, however, be in addition to the forfeiture of the Performance Bank Guarantee furnished by the Company.
- e. 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.
- f. 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 Saharanpur, Uttar Pradesh.
- g. 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.
- h. 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 SSCL 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.
- i. 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: _____

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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”

17. Shareholding pattern of the bidding entity as per audit reports