

Request for proposal for Selection of System Integrator for Implementation of ICT Solutions including Establishment of City Operations Centre in Belagavi



Volume 1: Instruction to Bidders

Important Dates

No.	Activity	Deadline
1	Release of RFP	17.06.2017
2	Last date of receipt of queries on RFP	12.07.2017 @ 18:00 Hrs
3	Pre-bid Meeting date	14.07.2017 @ 11:30 Hrs
4	Posting of response to queries	TBA
5	Last date for submission of Bids	21.08.2017 @ 15:30 Hrs
6	Date of opening of Pre-Qualification Bids	23.08.2017 @ 16:00 Hrs
7	Date of opening of Technical Bids	31.08.2017 @ 15:30 Hrs
7	Date of opening of Commercial bids	15.09.2017 @ 15:30 Hrs

Venue for Pre-Bid Meeting:

City Corporation Belagavi

CTS Number 4821/27A

RS Number 1005, Subhash Nagar,

Belagavi-590016

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1. Introduction

1.1 Background

The Ministry of Urban Development (MoUD), Government of India (GoI) has rolled out Smart City Mission (SCM). Karnataka Urban Infrastructure Development & Finance Corporation Limited (KUIDFC) is the State Level Nodal Agency (SLNA) for the Smart Cities Mission in Karnataka. Belagavi is one of the ULBs selected under the 1st Round Competition of SCM based on the Smart City Plan (SCP) submitted by the City through GoK. Objective of the Smart Cities Mission is to promote Cities that provide core infrastructure, give a decent quality of life to their citizens and apply smart solutions to improve services and infrastructure.

1.2 Need for Present Assignment & Brief Scope of Work

The BSCL, has identified certain Smart ICT intervention required to make the city smart. The broad functional & Technical requirements have been identified and has been provided under Volume 2 of the RFP. It is now proposed to appoint a Master System Integrator (MSI)/System Integrator (SI) to implement the said ICT interventions, but not limited to

1. Level1: Integrate and View
 1. City Surveillance
2. Level 2: Integrate, Command and Control
 1. E-governance (Property Tax, Automatic Building Permission Approval System, birth and death registration, public grievance redressal system, fund based accounting system (etc)-Present integration
 2. Smart Parking (for future integration)
 3. Smart Lighting (for future integration)
 4. Smart UGD (for future integration)
 5. Smart Energy Management (for future integration)
 6. Geospatial Database Management (including Land Management System and Utilities Mapping)-Present Integration
 7. Fire & Ambulance

3. Level 3: Implement, Command, Control and Fully Operate
 1. Smart Water
 2. ICT based solid waste management with RF at household and community level
 3. Intelligent Traffic Management System (Adaptive Traffic Control System)
 4. Intelligent Transport System (ITS)
 5. Intelligent Pole (with environmental sensors, public address system, variable messaging system, digital billboard, panic button)

After establishing the above said solutions, the bidder is expected to Operate and Maintain the said ICT interventions for a period of 5 years

1.3 RFP Format

The intent of this RFP is to invite bids from the Bidders for implementation of an integrated solution for the Authority.

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

1. RFP Volume 1: Instruction to Bidders

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

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

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

3. RFP Volume 3: Master Service Agreement

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

4. RFP Volume 4 : Site Specific Details and standard protocols

Volume 4 contains the site specific details of site location

1.4. Fact sheet

Sl#	Item	Description
1	Method of Selection	The method of selection shall be Quality and Cost Based System (QCBS). The Contract will be awarded to the bidder quoting the highest 'combined evaluation score' post technical qualification. Prices inclusive of any applicable taxes, levies etc. will be considered for arriving at L1 price.
2	Availability of RFP Documents	Download from www.eproc.karnataka.gov.in
3	Date of RFP Issuance	17th June 2017
4	Tender Processing Fee (Non-refundable and Not-Exempted)	As indicated in the e-procurement portal
5	Bid Security/Earnest Money Deposit (EMD)	INR Seventy Seven Lakhs (INR 77,00,000/-) through eProcurement portal or by Bank Guarantee (as per format attached in Annexure 7(b))
6	Last date and time for Submission of Pre-bid Queries	12th July 2017; 18:00Hrs
7	Pre-Bid Conference time,date& Venue	14th July 2017; 11:30 Hrs City Corporation Belagavi
8	Posting of responses to queries (on website)	www.eproc.karnataka.gov.in
9	Last Date and time for Bid/Bid submission (On or before)	21st August 2017, 15:30Hrs
10	Date, time for Opening of Pre-Qualification Bids	23rd August 2017, 16:00Hrs
11	Bid validity	Bid must remain valid up to 180 (One Hundred & Eighty) days from the actual date of submission of the Bid.
12	Currency	Currency in which the Bidders may quote the price and will receive payment is INR only.
13	Name and Address for Correspondence/ city survey	BELAGAVI SMART CITY LIMITED,CTS # 197,GURUWAR PETH, BESIDETILAKWADI POLICE STATION,TILAKWADI, BELAGAVI-590006

1.5 Definitions/Acronyms

SL #	Term/Acronyms	Description
1	AAA	Authentication, authorization, and accounting
2	ANPR	Automated Number Plate Recognition
3	AP	Access Point
4	AVLS	Automated Vehicle Locator System
5	Bid	Offer by the Bidder to fulfil the requirement of the Authority for an agreed price. It shall be a comprehensive technical and commercial agreed price. It shall be a comprehensive technical and commercial response to the RFP
6	BOM	Bill of Material
7	CCC	Command and Control Centre
8	CCTV	Closed Circuit Television
9	Consortium	<p>A consortium consists of multiple members (not more than Three parties - Lead Bidder + 2 Consortium members) entering into a Consortium Agreement for a common objective of satisfying the Authority requirements & represented by lead member of the consortium, designated as a "Lead Bidder".</p> <p>Also, the responsibility for successful execution of the entire project will be that of the defined Lead bidder. The consortium members should have relevant experience of executing similar roles and responsibilities in past as stated in the MoU in Annexure 9.</p> <p>Parent company existence of Bidder/ Lead bidder would be considered for only 100% subsidiary/ division/ sub division/ branch business unit.</p> <p>For the purpose of technical evaluation, net worth and turnover of only the bidding entity will be considered. Net worth and turnover of any parent, subsidiary, associate or other related entity will not be considered.</p>
10	COP	Common Operating Platform

SL #	Term/Acronyms	Description
12	DC	Data Center
13	DCP	Deputy Commissioner of Police
14	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.
15	DIT	Directorate of Information Technology
16	DNS	Domain Name Server
17	DR	Disaster Recovery
18	Effective Date	The date on which the Contract Agreement for this RFP comes into effect
19	EMD	Earnest Money Deposit
20	EMS	Enterprise Management System
21	ETA	Estimated Time of Arrival
22	ETD	Estimated Time of Departure
23	e-Procurement portal	means the electronic tendering system of the Authority
24	FRS	Functional Requirement Specifications
25	GI Pipes	Galvanized iron Pipes
26	GIS	Geographical Information System
27	GoK	Government of Karnataka
28	GPRS	General Packet Radio Service
29	GPS	Global Positioning System
30	GSM	Global Systems for Mobile Communications
31	GUI	Graphical User Interface

SL #	Term/Acronyms	Description
33	HO	Head Office
34	ICT	Information and Communication Technology
35	IDS	Intrusion Detection System
36	IOE	Internet of Everything
37	IP	Internet Protocol
38	IPS	Intrusion Prevention System
39	ITIL	Information Technology Infrastructure Library
40	LAN	Local Area Network
41	LED	Light Emitting Diode
42	LOI/LOA	Letter of Intent/Letter of Award
43	MoU	Memorandum of Understanding
44	MTBF	Mean Time Between Failures
45	MTTR	Mean Time to Repair
46	MUX	Multiplexer
47	NFC	Near Field Communication
48	NIC	National Informatics Centre
49	Corp	Belagavi Municipal Corporation to manage the networks.
50	Non-Compliance	means failure/refusal to comply the terms and conditions of the tender
51	Non-responsive	means failure to furnish complete information in a given format and manner required as per the tender documents or non-submission of tender offer in given forms / pro forma or not following procedure mentioned in this tender or any of required details or documents is missing or not clear or not submitted in the prescribed format or non-submission of tender fee on EMD
52	O&M	Operations & Maintenance
53	OEM	Original Equipment Manufacturer

SL #	Term/Acronyms	Description
55	OGC	Open Geospatial Consortium
56	OS	Operating Systems
57	OTP	One Time Password
58	PA System	Public Address System
59	PDU's	Power Distribution Units
60	PIS	Passenger Information System
61	PoE	Power over Ethernet
62	PoP	Points of Presence
63	PTZ	Pan Tilt Zoom
64	QR Code	Quick Response Code
65	Required Consents	The consents, waivers, clearances and licenses to use Authority Intellectual Property Rights, rights and other authorizations as may be required to be obtained for the software and other items that DIT, GoM their nominated agencies are required to make available to Bidder pursuant to this Agreement;
66	RF	Radio Frequency
67	RFID	Radio Frequency Identification
68	RFP	Request for Proposal
69	RLVD	Red Light Violation Detection
70	RoW	Right of Way
71	RPO	Recovery Point Objective
72	RTO	Recovery Time Objective
73	Service Level	The level of service and other performance criteria which will apply to the Services delivered by the Bidder;
74	SI	System Integrator
75	SLA	Service Level Agreement; Performance and Maintenance SLA executed as part of this Master Service Agreement;
76	SNMP	Simple Network Management Protocol

SL #	Term/Acronyms	Description
78	SOP	Standard Operating Procedure
79	SOS	Save Our Souls. SOS is the international Morse code distress signal
80	Successful Bidder	The bidder who is qualified & successful in the bidding process and is awarded the work
81	TRAI	Telecom Regulatory Authority of India
82	TRS	Technical Requirement Specifications
83	UPS	Uninterruptible Power Supply
84	URL	Uniform Resource Locator
85	VA	Video Analytics
86	VaMS	Variable Message System
87	VCA	Video Content Analytics
88	VLAN	Virtual Local Area Network
89	VMS	Video Management Software/System
90	WAN	Wide Area Network

2. Instruction to Bidders

2.1 General

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

- d. Bids shall be received by the Authority on the e-Procurement portal www.eproc.karnataka.gov.in before the time and date specified in the schedule of the tender notice. In the event of the specified date for the submission of tender offers being declared a public holiday by the Government of *Karnataka*, the offers will be received up to the appointed time on the next working day. The Authority may, at its discretion, extend this deadline for submission of offers by issuing corrigendum and uploading the same on e-Procurement portal.
- e. Telex, cable or facsimile offers will be rejected.

2.2 Eligible Bidders

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

a. Sole Bidder

The Sole Bidder must be a System Integrator company which has the capabilities to deliver the entire scope as mentioned in the RFP. The Sole Bidder cannot bid as a part of any other consortium bid under this RFP.

b. Consortium of Firms

Bids can be submitted by a consortium of firms. A consortium should not consist of more than three parties (including the Lead Bidder). One of the Firms would be designated as a "Lead Bidder". 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.

The Lead Bidder will be responsible for:

- i. The management of all Consortium Members who are part of the bid, and
- ii. The supply, delivery and installation of all products and services submitted in their bid and as part of the contract

Bids submitted by a consortium should comply with the following requirements also:

- i. The Lead Bidder shall be authorized to incur liabilities and receive instructions for and on behalf of all consortium members. Entire execution of the Contract, including

- ii. Any firm which is not a Lead Bidder to this RFP can be a partner in any number of bids submitted against this RFP
- iii. Any of the Lead Bidders cannot be a Consortium Member with another bidder in a separate bid
- iv. Internal arrangement between the Consortium Members is left to the bidders. 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

2.3 Compliant Bids/Completeness of Response

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

2.4 Bidder to Inform

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

2.5 Bid Preparation costs

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

2.6 Pre-bid meeting & Clarification

2.6.1 Bidders Queries

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

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

Bidders must submit their queries as per the format mentioned in Section 5 - Annexure 1

2.6.2 Responses to Pre-Bid Queries and Issue of Corrigendum

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

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

2.7 RFP Document Fee

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

Tender Processing Fee as indicated in the e-procurement portal shall be paid online through e-Procurement portal. The tender fee shall be non-refundable.

2.8 Earnest Money Deposit (EMD)

The Bidder shall furnish, as part of his tender, earnest money deposit of **Rs 77,00,000 (Rupees Seventy Seven Lakh only)**. This earnest money deposit shall be in the form of Bank Guarantee as per Form 7 (B). No exemption for submitting the EMD will be given to any agency. Bid security in any other form will not be entertained.

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

For Successful bidders, Bid security would be returned without interest upon submission of Performance Bank Guarantee by the successful bidder.

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

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

- a. If a bidder withdraws its bid during the period of bid validity.
- b. In case of a successful bidder, if the bidder fails to submit the performance bank guarantee and/or sign the contract in accordance with this RFP.

2.9 Bid Validity Period

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

2.10 Contents of Bid

The three cover system shall be followed. Pre-Qualification, Technical and Commercial Offers shall be uploaded separately through the e - Procurement portal.

Document Set	Name of the Document	Content
One	Bid Security/Earnest Money Deposit (EMD)& Pre qualification Bid	<ul style="list-style-type: none"> • Bid Security • Pre Qualification bid as per Section 6.1 & 6.2 along with the required supporting documents • No deviation certificate as per

		<ul style="list-style-type: none"> Total Responsibility declaration as per Section 6.6
Two	Technical Bid	<ul style="list-style-type: none"> Technical Bid Response to FRS & TRS Masked Commercial Bid
Three	Financial Bid	<ul style="list-style-type: none"> Commercial Bid

- Please note that Prices should NOT be indicated in the Technical Bid but should only be indicated in the Commercial 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 e procurement portal of GoK.

2.11 Bid Formats

2.11.1 Pre-Qualification Bid Format

#	Section Heading	Details
1	Pre-qualification checklist	As per format provided in section 6.1- Annexure 2
2	Pre-Qualification Bid Covering Letter	As per format provided in section 6.2
3	Consortium Agreement	As per format provided in Annexure 9 of this Volume
4	About Bidder	As per format provided in section 6.3 of this document.
5	Legal	1. Copy of Certification of Incorporation/Registration Certificate 2. PAN Card 3. VAT Registration <i>As per Pre-qualification criteria – clause 3.5 Sl # 1</i>
6	Annual Turnover	Details of annual turnover with documentary evidence.

#	Section Heading	Details
7	Net worth	Details of net worth with documentary evidence. <i>As per Pre-qualification criteria – clause 3.5 Sl # 3</i>
8	Certification	Relevant ISO certification <i>As per Pre-qualification criteria – clause 3.5 Sl # 5</i>
9	Self-certificate for non-blacklisting clause	As per format provided in section 6.4. <i>As per Pre-qualification criteria – clause 3.5 Sl # 4</i>
10	Power of Attorney	Documentary evidence as per format provided in Annexure 10 and 11
11	Project Experience	Citation details of projects as per format in Section 7.4 and 6.7, as applicable. <i>As per Pre-qualification criteria – Sl # 6</i>
12	No Deviation Certificate	As per format provided in section 6.5
13	Total responsibility certificate	As per format in 6.6

2.11.2 Technical Bid Format

#	Section Heading	Details
1	Technical Bid Checklist	As per format provided in section 7.1
2	Technical Bid Covering Letter	As per format provided in Section 7.2
3	About Bidder	<ul style="list-style-type: none"> · Details about bidder (whether sole bidder or consortium) · Bidder's General Information as required in Technical Criteria 3.6.1
4	Understanding	Details as required in Technical Criteria 3.6.1.
5	Solution proposed	Details as required in Technical Criteria 3.6.1. Please refer to section 7.5.1.

#	Section Heading	Details
7	Bidder's Experience	Project citation as per format provided in section 7.4 and supporting documentary evidences and Self-certifications as per format in section 6.7 as applicable
8	Project Plan and Resources	<ul style="list-style-type: none"> • Project plan as per format provided in Section 7.5.2 • Manpower Plan as per format provided in section 7.5.3 I & II • Summary of resources as per format provided in Section 7.6.1 • CV of resources as per format provided in Section 7.7
9	Compliance to Requirement (Technical / Functional Specifications)	As per format provided in section 7.8
10	Proposed Bill of materials	As per format provided in section 7.9
11	Manufacturers'/Producers' Authorization Form	As per format provided in section 7.10
12	Anti Collusion Certificate	As per format provided in section 7.11
12	Non-disclosure agreement	As per format provided in section 11 (Annexure 8)

2.11.3 Commercial Bid Format

The Bidder must submit the Commercial Bid in the formats specified in Section 8.

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

2.12 Language

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

2.13 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.

2.14 Amendment of Request for Proposal

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

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

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

2.15 Bid Price

Commercial Bid shall be as per the format provided in Section 8. Bidders shall give the required details of all applicable taxes, duties, other levies and charges etc. in respect of direct transaction between Authority and the Bidder.

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

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

2.16 Deviations and Exclusions

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

2.17 Total Responsibility

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

2.18 Late Bids

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

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

Authority shall not be responsible for any non-receipt/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.

2.19 Right to Terminate the Process

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

2.20 Non-Conforming bids

- a. 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 requirements of the solution.

2.21 Acceptance/Rejection of Bids

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

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

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

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

2.22 Confidentiality

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

2.23 Disqualification

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

- a. During validity of the bid, or its extended period, if any, the bidder changes its quoted prices
- b. The bidder's bid is conditional and has deviations from the terms and conditions of RFP
- c. Bid is received in incomplete form
- d. Bid is not accompanied by all the requisite documents
- e. Information submitted in technical bid is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the contract (no matter at what stage) or during the tenure of the contract including the extension period if any
- f. Financial bid is enclosed with the same document as technical bid.
- g. Bidder tries to influence the bid evaluation process by unlawful/corrupt/fraudulent means at any point of time during the bid process
- h. In case the Lead 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
- i. If any of the Lead Bidder is also partner in any other bid, then all the affected bids shall be disqualified

2.24 Key Personnel

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

2.24.1 Initial Composition; Full Time Obligation; Continuity of Personnel

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

Bidder shall not make any changes to the composition of the Key Personnel and not require or request any member of the Key Personnel to cease or reduce his or her involvement in the provision of the Services during the defined term of the engagement unless that person is terminated

2.24.2 Evaluations

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

2.24.3 Replacement

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

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

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

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

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

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

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

2.24.3 High Attrition

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

- a. provide Authority with a reasonably detailed explanation as to the reasons for such change, including, where applicable and permitted, notes from any exit interviews conducted by

- b. if such change to Key Personnel has or is likely to have any material adverse impact on the provision of the Services or any substantial part thereof, undertake, at its own costs, such remediation acts as are reasonably necessary in order to improve the retention of the Key Personnel including making reasonable changes to the human resources policies and procedures applicable to the Key Personnel (including those related to compensation, benefits and other conditions so that they are competitive with the market) as may be necessary to ensure that such policies and procedures comply with Good Industry Practice.

2.25 Fraud and Corrupt Practices

- a. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, Authority shall reject a Bid without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the "Prohibited Practices") in the Selection Process. In such an event, Authority shall, without prejudice to its any other rights or remedies, forfeit and appropriate the EMD or PBG, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to Authority for, inter alia, time, cost and effort of Authority, in regard to the RFP, including consideration and evaluation of such Bidder's Bid.
- b. Without prejudice to the rights of Authority under Clause above and the rights and remedies which Authority may have under the LOI or the Agreement, if a Bidder is found by Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by Authority during a period of 3 years from the date such Bidder is found by Authority to have directly or through an agent, engaged or indulged in any Prohibited Practices.
- c. For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:
 - i. "*corrupt practice*" means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of Authority who is or has been associated in any manner, directly or indirectly with

expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of Authority, shall be deemed to constitute influencing the actions of a person connected with the Selection Process); or (ii) save as provided herein, engaging in any manner whatsoever, whether during the Selection Process or after the issue of the LOA or after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the Award or the Agreement, who at any time has been or is a legal, financial or technical consultant/adviser of Authority in relation to any matter concerning the Project;

- ii. *"fraudulent practice"* means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;
- iii. *"coercive practice"* means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person's participation or action in the Selection Process;
- iv. *"undesirable practice"* means (i) establishing contact with any person connected with or employed or engaged by Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and
- v. *"restrictive practice"* means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

2.26 Conflict of Interest

- a. A bidder shall not have a conflict of interest that may affect the Selection Process or the Solution delivery (the "Conflict of Interest"). Any Bidder found to have a Conflict of Interest shall be disqualified. In the event of disqualification, Authority shall forfeit and appropriate the EMD, if available, as mutually agreed genuine pre-estimated compensation and damages payable to Authority for, inter alia, the time, cost and effort of Authority including consideration of such Bidder's Bid, without prejudice to any other right or remedy that may be available to Authority hereunder or otherwise.
- b. Authority requires that the bidder provides solutions which at all times hold Authority's interest's 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 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

2.27 Sub-Contracting

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

1. Civil Construction work
2. Facility Management Staff at Command Control Center

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

2.28 Inclusion of MSMEs in Project Delivery

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

2.29 Eligible Goods and Services, and OEM Criteria:

- a. For purposes of this Clause, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” includes services such as insurance, transportation, supply, installation, integration, testing, commissioning, training, and initial maintenance.
- b. 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.
- c. 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 as on the date of release of the RFP.
- d. All the OEMs should have authorized presence in India either directly or through channel partner(s) as on the date of release of RFP.
- e. The OEM for all active components should give a declaration that products or technology quoted are neither end of- sale nor end-of-life as on the date of installation and commissioning and are not end-of-support till the successful completion of O&M period of

- f. The proposed OEM should have installed base of at least 20% of the quoted product or technology.
- g. Bidder must quote products in accordance with above clause "Eligible goods and related services.
- h. The bidder's proposed OEM(s) if listed in the Gartner Magic Quadrants would be given additional preference as listed down in the Qualification Criteria. The Latest Gartner Reports released to be referred and submitted. However listing in Gartner Magic Quadrant is not mandatory for qualification.
 - i) Enterprise Network Firewalls
 - ii) Intrusion Prevention Systems
 - iii) Modular Servers
 - iv) Wired and Wireless LAN Access Infrastructure
- j. The City Operations Platform (COC) proposed by the Bidder must be operational in atleast one City at the time of bidding with at least 3 relevant use cases as applicable for Belagavi city requirement.
 - i) Bidder can provide single or Integrated CoC/CCC. Additional weightages would be given if the CoC/CCC platform is listed in the "Navigant Research Leaderboard Report" . However listing in Navigant Research Leaderboard Report is not mandatory for qualification.
 - ii) CoC/CCC software OEM should have 24x7x365 technical assistance support center (TASC) in India. TASC should provide online website and phone number to register service request that can be raised by partner and customer.
- k. The OEM of each product or technology should have quality certifications like ISO 9001:2000 & ISO 14001 or equivalent.
- l. The bidder's proposed OEM should not have been blacklisted by any State / Central Government Department or Central /State PSUs as on bid submission date.
- m. Each of the proposed OEMs should either have existing capability and infrastructure to provide 24x7x365 technical support in India, or should provide an undertaking that they would establish the requisite infrastructure and capability to provide 24x7x365 technical support, on emerging a winner in this bidding process.

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

2.30 Right to vary quantity

- a. At the time of award of contract and post award of work , 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. In the event, either the goods, works or services for which variation is sought after award of work then the same shall be done through Change Request Note. The CRN will be evaluated by a Third Party Committee formed by the Employer and the decision of the Committee will be final on the scope and rate.
- b. If the Authority does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding document.
- c. Repeat orders for extra items or additional quantities may be placed, if it is provided in the bidding document, on the rates and conditions given in the contract if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionally increased.

2.31 Withdrawal, Substitution, and Modification of Bids

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

2.32 Site Visit

- a. The Bidder may wish to visit and examine the site or sites and obtain for itself, at its own responsibility and risk, all information that may be necessary for preparing the bid and entering into the Contract. The costs of visiting the site or sites shall be at the Bidder's own expense.
- b. The Authority may organize a site visit or visits concurrently with the pre-bid meeting, as specified in the RFP. Failure of a Bidder to make a site visit will not be a cause for its disqualification.

3. Selection Process for Bidder

3.1 Opening of Bids

The Bids shall be opened by Authority in presence of those Bidders or their representatives who may be present at the time of opening. The representatives of the bidders should be advised to carry the identity card or a letter of authority from the bidder firms to identify that they are bonafide representatives of the bidder firm, for attending the opening of bid. There will be three bid-opening events

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

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

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

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

The Commercial Bids of only those bidders will be opened who score equal to or more than qualifying marks in Technical Bid.

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

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 pre-historic information like bidders credentials.

3.4 Evaluation Process

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

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

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

3.4.1 Stage 1: Pre-Qualification

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

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

- c. Technical and Financial bids for those bidders who don't pre-qualify will not be opened. Financial bid will not be opened for those bidders, who don't qualify the technical evaluation. Bid Security amount shall be returned for those who don't qualify the financial evaluation

3.4.2 Stage 2: Technical Evaluation

- a. "Technical bid" will be evaluated only for the bidders who succeed in Stage 1.
- b. Authority will review the technical bids of the short-listed bidders to determine whether the technical bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority's discretion.
- c. The bidders' technical solutions proposed in the bid document shall be evaluated as per the requirements specified in the RFP and technical evaluation framework as mentioned in Section 3.6.
- d. Bidders submit in detailed – "***Approach & Methodology & Solutions proposed***"
- e. Each Technical Bid will be assigned a technical score out of a maximum of 100 marks. Only the bidders who get an Overall **Technical score of 75** or more and minimum 50% in each section of the Technical Evaluation Framework as given in Section 3.6 will qualify for commercial evaluation stage. Failing to secure minimum marks shall lead to technical rejection of the Bid.

3.4.3 Stage 3: Commercial Evaluation

- a. All the technically qualified bidders will be notified to participate in Commercial Bid opening process.
- b. The commercial bids for the technically qualified bidders shall then be opened on the notified date and time and reviewed to determine whether the commercial bids are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at Authority's discretion.
- c. Commercial Bids that are not as per the format provided in Section 8 (Annexure 5) shall be liable for rejection.
- d. ***Normalized Commercial Score of a Bidder = {Lowest TCB/ Bidders TCB} X 100 (adjusted to 2 decimals)***

Example:

Bidders	Total Cost of Bid	Calculation	Normalized Commercial Score
Bidder-1	110	$(110/110)*100$	100
Bidder-2	140	$(110/140)*100$	78.57
Bidder-3	160	$(110/160)*100$	68.75
Bidder-4	120	$(110/120)*100$	91.61

The bidder that has quoted the lowest Total Price (Capex price + Opex price) shall be treated as L1. The bid price shall include all taxes and levies and shall be in Indian Rupees and mentioned separately.

3.4.4 Stage 4: Final score calculation through QCBS

The final score will be calculated through Quality and Cost selection method based with the following weight-age:

Technical: 80%

Commercial: 20%

Final Score = (0.80* Technical Score) + (0.20* Normalized Commercial Score)

Example:

Bidders	Technical score	Normalized commercial score	Final Score (80:20)
Bidder-1	92.6	100	94.08
Bidder-2	94.7	78.57	91.47
Bidder-3	84.2	68.75	81.11
Bidder-4	100.0	84.61	96.92
Bidder-5	76.8	73.33	76.10

1. The bidder with the highest Final score shall be treated as the Successful bidder. In the above example, Bidder-4 will be treated as successful bidder.
2. In the event the Final scores are 'tied', the bidder securing the highest technical score will be adjudicated as the Best Value Bidder for award of the Project.

3.5 Pre-Qualification Criteria

No	Pre-Qualification Criteria	Documentary Evidence
1	The bidder (all the consortium partners in case of consortium) must be registered companies and should be operational at least for last 5 years as on date of bid submission	<ul style="list-style-type: none"> • For Companies with Indian origin certificate of Incorporation / Registration under companies Act, 1956 • Memorandum and Articles of Association • For Global Players , Equivalent certificate in the country of incorporation

		roles and responsibilities of each member
2	<p>The bidder(Lead Bidder in the case of consortium) should have an average annual turnover of INR 160 Crore for last 3 audited financial years</p> <p><i>In case of a consortium the lead bidder shall have atleast 33% of the stated annual turnover.</i></p>	<ul style="list-style-type: none"> • Audited financial statement for last 3 audited years • Certificate from the statutory auditor/ Company Secretary clearly specifying the annual turnover for the specified years
3	<p>The bidder (each of consortium members in case of consortium) should have a positive net worth as on last date of latest audited financial year preferably 2016-17</p>	<p>Certificate from the statutory auditor/ Company secretary clearly specifying the Net worth for ICT projects for the specified year to be provided.</p>
4	<p>As on date of the submission of the proposal , the bidder and the consortium members should not be black listed by Central/State governments in India</p>	<p>Sole Bidder or Lead Bidder and all other Members of Consortium:</p> <p>1. Legal Attorney certified letter of undertaking to this effect on the letter head, co-signed by bidders' authorized signatory</p>
5	<p>The Sole Bidder or the Lead bidder of consortium, in case of a Consortium, should possess relevant ISO Certifications which are valid at the time of bidding:</p>	<p>Copies of valid certificate in the name of bidding entity</p>
6	<p>The sole Bidder or consortium should have experience in implementing at least three of the following sectors</p> <ol style="list-style-type: none"> 1) RFID based Smart Transport with geo tagging of bus routes 2) Adaptive Traffic management system 3) Variable Messaging System/Public Address System/Environmental Sensor 4) Smart Utilities (However Smart water would be preferable) 5) ICT based SWM 	<p>Copies of work order, work completion certificate and other relevant documents</p>

3.6 Technical Evaluation Framework

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

Section #	Evaluation Criteria	Total Marks	Minimum Sectional Qualifying Marks
A.	Bidder Profile including consortium member	15	7.5
B.	Project Experience	45	22.5
C.	Approach & Methodology & Solutions proposed	30	15
D.	Proposed resources	10	5
	Overall Technical Score	100	

Important: Qualification criteria for technical evaluation and progression to commercial evaluation stage.

- Minimum 50% of the maximum allotted marks in each section as given in the table above

AND

- Minimum 75% (75 marks) of the overall technical score total.

N.B- 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 Criteria & Evaluation

SL	Criteria Category	Evaluation criterion Details	Max Marks Allotted	Supporting Documents required
A	Bidder Profile including consortium member		15	
A.1	Company Profile	Combined Average annual turnover of the lead bidder/ consortium from "Specific Business Areas" as		Certificate from the

		Marks shall be allotted as given below: More than INR 225Crore = 100% INR 200 Crore up to INR 225 Crore = 65% INR 175 Crore up to INR 200 Crore = 75% INR 160 Crore up to INR 175 Crore = 50% “Specific Business Areas”ICT Infrastructure, Telecom Infrastructure& IT System Integration Services		turnover details from the “specific business areas” over the last three (3) financial years								
A.2	If the Lead bidder/One of the consortium members is from MSME		5									
B	PROJECT EXPERIENCE		45									
B.1	BIDDERS COMPETENCE EXECUTING LARGE ICT PROJECTS	The bidder (Lead Bidder in case of Consortium) should have experience in executed ICT projects worth at least INR 60 Crore. <table border="1"> <thead> <tr> <th>Cost of the Project</th> <th>% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td>More than INR 100 Crore</td> <td>100%</td> </tr> <tr> <td>INR 75 Crore to 100 Crore</td> <td>75%</td> </tr> <tr> <td>INR 60 Crore to 75 Crore</td> <td>50%</td> </tr> </tbody> </table>	Cost of the Project	% of Max Marks allotted	More than INR 100 Crore	100%	INR 75 Crore to 100 Crore	75%	INR 60 Crore to 75 Crore	50%	10	Relevant Client Certificate
Cost of the Project	% of Max Marks allotted											
More than INR 100 Crore	100%											
INR 75 Crore to 100 Crore	75%											
INR 60 Crore to 75 Crore	50%											
B.2	BIDDERS COMPETENCE EXECUTING – PUBLIC ADDRESS SYSTEM (& or)VARIABLE MESSAGING SYSTEM (& or) ENVIORNMENTA L SENSORS	The bidder (any consortium member) should have experience in executing a project that entails public address system boxes,variable message system/Environmental sensos in a city. <table border="1"> <thead> <tr> <th>Number of Projects</th> <th>% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td>>4</td> <td>100%</td> </tr> <tr> <td>=3</td> <td>75%</td> </tr> <tr> <td>=2</td> <td>50%</td> </tr> </tbody> </table>	Number of Projects	% of Max Marks allotted	>4	100%	=3	75%	=2	50%	7.5	
Number of Projects	% of Max Marks allotted											
>4	100%											
=3	75%											
=2	50%											
B.3	BIDDERS COMPETENCE EXECUTING – RFID based Smart Transport with geo tagging of bus routes	The bidder (any consortium member) should have experience in executing a project that entails Fleet Management System for minimum 50 vehicles in a single project <table border="1"> <thead> <tr> <th>Number of Projects</th> <th>% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td>>4</td> <td>100%</td> </tr> <tr> <td>=3</td> <td>75%</td> </tr> <tr> <td>=2</td> <td>50%</td> </tr> </tbody> </table>	Number of Projects	% of Max Marks allotted	>4	100%	=3	75%	=2	50%	7.5	
Number of Projects	% of Max Marks allotted											
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=3	75%											
=2	50%											
B.4	BIDDERS COMPETENCE EXECUTING – ADAPTIVE Traffic Management System (Sensor based)	The bidder (any consortium member) should have experience in executing a project that entails Adaptive Signal Management for at least 10 signal junctions in a single project <table border="1"> <thead> <tr> <th>Number of Projects</th> <th>% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td>>4</td> <td>100%</td> </tr> <tr> <td>=3</td> <td>75%</td> </tr> <tr> <td>=2</td> <td>50%</td> </tr> </tbody> </table>	Number of Projects	% of Max Marks allotted	>4	100%	=3	75%	=2	50%	10	
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=3	75%											
=2	50%											

	EXECUTING – CITY OPERATIVE CENTER(COC)/COMMON COMAND AND CONTROL CENTER (CCC)	operationalization of COC/CCC <table border="1" data-bbox="537 159 1198 365"> <thead> <tr> <th data-bbox="537 159 870 239">Number of Projects</th> <th data-bbox="870 159 1198 239">% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td data-bbox="537 239 870 279">>4</td> <td data-bbox="870 239 1198 279">100%</td> </tr> <tr> <td data-bbox="537 279 870 319">=3</td> <td data-bbox="870 279 1198 319">75%</td> </tr> <tr> <td data-bbox="537 319 870 365">=2</td> <td data-bbox="870 319 1198 365">50%</td> </tr> </tbody> </table>	Number of Projects	% of Max Marks allotted	>4	100%	=3	75%	=2	50%								
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C.1		<table border="1" data-bbox="537 436 1198 1988"> <thead> <tr> <th data-bbox="537 436 1060 558">Description</th> <th data-bbox="1060 436 1198 558">% of Max Marks Allotted</th> </tr> </thead> <tbody> <tr> <td data-bbox="537 558 1060 680">Understanding of the project and Conformity to Volume 2 functional requirement</td> <td data-bbox="1060 558 1198 680">10%</td> </tr> <tr> <td data-bbox="537 680 1060 835">Suggestion on common IOT server and Application server for all proposed ICT solutions under the project including Multi Tenancy</td> <td data-bbox="1060 680 1198 835">10%</td> </tr> <tr> <td data-bbox="537 835 1060 915">Identification of Major risks and mitigation measures proposed</td> <td data-bbox="1060 835 1198 915">10%</td> </tr> <tr> <td data-bbox="537 915 1060 995">Proposed security measures of the proposed architecture</td> <td data-bbox="1060 915 1198 995">10%</td> </tr> <tr> <td data-bbox="537 995 1060 1667"> Explain detailed approach and methodology for execution of the project along with project plan <ul style="list-style-type: none"> - Proposed architectures scalability in terms of addition of new physical infrastructure for existing projects and adding new functionalities - Adherence to the time frame mentioned in the RFP - Detailed Architecture plan encompassing all ICT elements considering network as a service and Data Center in a colocation mode - Clarity and details shown in BOM </td> <td data-bbox="1060 995 1198 1667">25%</td> </tr> <tr> <td data-bbox="537 1667 1060 1988"> Successful Demonstration/Proof of Concept: <ul style="list-style-type: none"> - Bidder/OEM need to demonstrate min 5 use cases like CCTV/Parking/Govt database/Lighting/Environmental sensor/Smart Transport/Crowd monitoring </td> <td data-bbox="1060 1667 1198 1988">35%</td> </tr> </tbody> </table>	Description	% of Max Marks Allotted	Understanding of the project and Conformity to Volume 2 functional requirement	10%	Suggestion on common IOT server and Application server for all proposed ICT solutions under the project including Multi Tenancy	10%	Identification of Major risks and mitigation measures proposed	10%	Proposed security measures of the proposed architecture	10%	Explain detailed approach and methodology for execution of the project along with project plan <ul style="list-style-type: none"> - Proposed architectures scalability in terms of addition of new physical infrastructure for existing projects and adding new functionalities - Adherence to the time frame mentioned in the RFP - Detailed Architecture plan encompassing all ICT elements considering network as a service and Data Center in a colocation mode - Clarity and details shown in BOM 	25%	Successful Demonstration/Proof of Concept: <ul style="list-style-type: none"> - Bidder/OEM need to demonstrate min 5 use cases like CCTV/Parking/Govt database/Lighting/Environmental sensor/Smart Transport/Crowd monitoring 	35%	15	
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	<p>for different technology - Evaluation of the products offered on the basis of Original Equipment Manufacturer (OEM)</p>	<p>project will be evaluated on the basis of manufacturer of the products as per Gartner Magic Quadrant. OEM Qualification for the following categories of the products/ equipment will be evaluated as per Gartner Magic Quadrant:</p> <table border="1" data-bbox="537 317 1198 772"> <thead> <tr> <th>Parameters</th> <th>Max. Marks</th> </tr> </thead> <tbody> <tr> <td>Magic Quadrant Wired and Wireless LAN Infrastructure (Router, Switches, WI-FI) - 6 Marks</td> <td rowspan="3">10</td> </tr> <tr> <td>Magic Quadrant for Enterprise Network Firewalls - 2</td> </tr> <tr> <td>Magic Quadrant for Modular Servers -2</td> </tr> </tbody> </table> <p>In terms of Gartner Magic Quadrant, marks would be awarded as per the following criteria:</p> <p>OEM prescribed as Leaders (100% Marks) OEM prescribed as Challengers (80% Marks) OEM prescribed as Visionaries (60% Marks), OEM prescribed as Niche Players& others, (50% Marks),</p>	Parameters	Max. Marks	Magic Quadrant Wired and Wireless LAN Infrastructure (Router, Switches, WI-FI) - 6 Marks	10	Magic Quadrant for Enterprise Network Firewalls - 2	Magic Quadrant for Modular Servers -2		
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Magic Quadrant Wired and Wireless LAN Infrastructure (Router, Switches, WI-FI) - 6 Marks	10									
Magic Quadrant for Enterprise Network Firewalls - 2										
Magic Quadrant for Modular Servers -2										
C.3	<p>Selection of OEM for different technology - Evaluation of the products offered on the basis of Original Equipment Manufacturer (OEM)</p>	<p>The smart city Operations Platform offered by the Applicant in its bid for this project will be evaluated on the basis of manufacturer of the products as per Navigant Research Leader board.</p> <p>OEM Qualification for the following categories of the products/ equipment will be evaluated as per Navigant Research Leader board:</p> <p>In terms of Navigant Research Leader board, marks would be awarded as per the following criteria:</p> <p>OEM prescribed as Leaders (100% Marks) OEM prescribed as Contenders (75% Marks) OEM prescribed as Challengers Followers& other, (50% marks),</p>	5							
D	Proposed Resources		10							
D.1	<p>People on the project</p>	<p>Each of the following profiles suggested by the bidder will be evaluated</p> <table border="1" data-bbox="537 1839 1198 1988"> <thead> <tr> <th>Profile</th> <th>% of Max Marks allotted</th> </tr> </thead> <tbody> <tr> <td>Project Manager with Experience of at least</td> <td>20%</td> </tr> </tbody> </table>	Profile	% of Max Marks allotted	Project Manager with Experience of at least	20%	10	<p>CV's in the desired format</p>		
Profile	% of Max Marks allotted									
Project Manager with Experience of at least	20%									

		experience of at least 10 years			
		IoT Expert with experience with at least 10 years of experience	25%		
		Command Center Expert with experience of at least 15 years	25%		
		Network & Data Center expert	10%		

Proof of concept during evaluation period

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

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 dis-qualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid. **Bidder may demonstrate local setup or existing deployments over network/cloud.**

A. System Demonstration	Integrated Operations Platform Software
B. Demo material & Setup	<p>Demo Material – Department scope:</p> <p>a) Power Source</p> <p>b) Space for installing server and workstation</p> <p>Demo Material – OEM/SI Scope:</p> <p>Demo Setup (OEM/SI scope) at Site:</p>
C. Performance Evaluation	<p>Smart City use cases relevant to Belagavi RFP</p> <p>Live demo and integration services</p>
D. Suggestive technology selection criteria	<p>Bidder/OEM need to demonstrate min 3 use cases like CCTV/Parking/Govt database/Environmental sensor/Smart Transport/Crowd monitoring etc. along with SMS, Email, GIS. in live environment.</p>

3.5.1 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 Manpower for the Project. Any changes in Manpower 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. Except for Project Director, all other proposed positions shall be Onsite throughout the entire project implementation phase.

S.No	Position	Minimum Qualification
1.	Project Manager	<ul style="list-style-type: none"> Education: Full Time MBA/MCA/M.Tech & B.Tech/B.E. from a reputed institute Total Experience: At least 15 years in IT sector. Should have more than 8 years of experience of handling such large projects
2.	Solution Architect	<ul style="list-style-type: none"> Education: Full time MCA/M.Tech/B.Tech/B.E. from a reputed institute Total Experience: At least 8 years in IT sector Should have experience of more than 3 years as Solution Architecture in large projects of similar nature
3.	Enterprise Architect / IOT Expert	<ul style="list-style-type: none"> Education: Full time MCA/M.Tech/B.Tech/B.E. from a reputed institute Total Experience: At least 8 years in IT sector Should have designed enterprise level solutions of similar nature for at least 2 projects
4.	Network Architect	<ul style="list-style-type: none"> Education: Full time MCA/M.Tech/B.Tech/B.E. from a reputed institute Total Experience: At least 8 years in IT sector Should have experience in designing & implementing network solutions for at least 3 similar projects. Preference will be given to the experts with CCNP certifications

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

Apart from the above –mentioned resources, the Bidder shall also propose manpower to be deployed

4. Award of Contract

4.1 Notification of Award

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

4.2 Signing of Contract

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

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

4.3 Performance Bank Guarantee (PBG)

Within fifteen (15) working days from the date of issuance of LOI, the successful Bidder shall at his own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) of 10% of the contract value to the Authority. The PBG shall be from a Nationalized Bank or a Scheduled Commercial Bank in the format prescribed in Section 9 - Annexure 7 (a), payable on demand, for the due performance and fulfilment of the contract by the bidder.

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

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

The performance bank guarantee shall be valid till satisfactory completion of Post Implementation Support. The performance bank guarantee may be discharged/returned by Authority upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the performance bank guarantee.

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

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

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

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

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

4.4 Warranty & Maintenance

Bidder shall also provide complete maintenance support for all the proposed integrated solution as outlined in this RFP for a period of Sixty months from the date of go-live i.e. "Go-Live" + 60 months. "Go-live" is the date on which the proposed solution is completely operational as per the requirements provided in this RFP and all the acceptance tests are successfully concluded to the satisfaction of Authority.

During the warranty period, the bidder shall warrant that the goods supplied under the contract are new, unused, of the most recent version/models and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The bidder further

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

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

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

The successful bidder hereby warrants Authority that:

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

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

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

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

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

6.1 Pre-qualification bid checklist

Sl #	Checklist Items	Compliance (Yes or No)	Page No. and Section No. in bid
1.	RFP Document fees		
2.	Earnest Money Deposit		
3.	Pre Qualification Covering letter		
4.	Consortium Agreement, if applicable as per Annexure 9		
5.	<ul style="list-style-type: none"> · Copy of Certification of Incorporation/Registration Certificate · PAN card · VAT registration 		
6.	<p>Audited financial statements for the last three financial years</p> <p>And Certificate from the Statutory Auditor</p>		
7.	Declaration of non-blacklisting		
8.	Power of attorney for Lead Bidder of Consortium		
9.	Project Citations and Self-certifications, as applicable		
10.	No Deviation Certificate		
11.	Total Responsibility Certificate		
12.	Valid ISO certification		

6.2 Pre-Qualification Bid Covering Letter

Date: dd/ mm / yyyy

To,

The Managing Director,

Belagavi Smart City Limited

Sub: **Request for Proposal for Selection of System Integrator for Implementation of Belagavi Smart City Solution**

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

Dear Sir,

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

We hereby declare that:

- a. We hereby acknowledge and unconditionally accept that the Authority can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of Agency for providing services.
- b. We have submitted EMD of INR [] and Tender processing fee of INR [] online through e-procurement portal.
- c. We hereby declare that all information and details furnished by us in the Bid are true and correct, and all documents accompanying such application are true copies of their respective originals.
- d. We agree to abide by our offer for a period of 180 days from the date of opening of pre-qualification bid prescribed by **Authority** and that we shall remain bound by a communication of acceptance within that time.
- e. We have carefully read and understood the terms and conditions of the RFP and the conditions of the contract applicable to the RFP. We do hereby undertake to provision as per these terms and conditions.

- ii. To undertake the project services for entire contract period from the date of signing of the contract as mentioned in the RFP document.

- iii. We affirm that the prices quoted are inclusive of design, development, delivery, installation, commissioning, training, providing facility management and handholding support, and inclusive of all out of pocket expenses, taxes, levies discounts etc.

- g. We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and notification of award of contract, shall constitute a binding contract between us.

- h. We understand that the **Authority** may cancel the bidding process at any time and that **Authority** is not bound to accept any bid that it may receive without incurring any liability towards the bidder.

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

In case of any clarifications please contact _____ email at

Thanking you,

Yours sincerely,

(Signature of the Lead bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

6.3 Company profile

A. Brief company profile (required for both bidder and consortium member)

SL.	PARTICULARS	DESCRIPTION OR DETAILS
1.	Name of Bidder	
2.	Legal status of Bidder (company, Pvt. Ltd., LLP etc.)	
3.	Main business of the Bidder	
4.	Registered office address	
5.	Incorporation date and number	
6.	Service Tax number	
7.	VAT number	
8.	PAN details	
9.	Primary Contact Person (Name, Designation, address, mobile number, fax, email)	
10.	Secondary Contact Person (Name, Designation, address, mobile number, fax, email)	
11.	EMD details	
12.	Role in Consortium (if applicable)	Brief scope of work in the consortium

B. Certificate of Incorporation (required for both bidder and consortium member)

C. Financial Turnover(required for both bidder and consortium member)

The financial turnover of the company is provided as follows:

	2014 - 15	2015 -16	2016 -17
Annual Turnover			

Copy of audited financial statements or declaration from the appointed statutory auditor to be

Positive net worth of the last five financial years as on 31.03.2017. Copy of self-certified statutory auditor certificate to be submitted along with the bid

D. Certifications (required for both bidder and consortium member)

Provide copy of valid certification for ISO certifications as required in Pre-Qualification criteria as on release date of the RFP.

6.4 Declaration of Non-Blacklisting

(To be provided on the Company letter head)

Declaration for Lead Bidder:

Place

Date

To,
The Managing Director,
Belagavi Smart City Limited

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

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

Dear Sir,

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

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

Declaration for Consortium Member:

(To be provided on the Company letter head)

{Place}

{Date}

To,

The Managing Director,

Belagavi Smart City Limited

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

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

Dear Sir,

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

(Signature of the Consortium Member)

Printed Name

Designation

Seal

Date:

Place: Business Address:

6.5 No Deviation Certificate

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

(Authorised Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

6.6 Total Responsibility Certificate

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

(Authorised Signatory)

Signature:

Name:

Designation:

Address:

Seal:

Date:

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

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

Name of the Project	
Client's Name, Contact Number and Complete Address	
Contract Value for the Bidder (in INR)	
Current Status of the Project (Completed / Ongoing)	
Activities Completed by Bidding entity as on Bid Submission Date (Note: Only relevant activities as sought in the Criteria to be included)	
Value of Work completed for which payment has been received from the client.	
Start Date	
Completion Date	

(Authorised Signatory)

Signature:

Name:

Designation:

Bidding entity's name

Address:

Seal:

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

7.1 Technical Bid Check-List

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

7.2 Technical Bid Covering Letter

Date:
dd/mm/yyyy

To,
The Managing Director,
Belagavi Smart City Limited

Subject: Request for Proposal for selection of **System Integrator for Implementation of Belagavi Smart City Solutions**

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

Dear Sir,

I (in case of single bidder) or We, <<name of the undersigned Bidder and consortium members>>, having read and examined in detail all the bidding documents in respect of **“Request for Proposal for Selection of System Integrator for Implementation of Belagavi Smart City Solution”** do hereby propose to provide our services as specified in the bid submitted by us.

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

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

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to Authority,, Government of Karnataka 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 7 (a) of Section 9 of the RFP Volume I.

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

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

Thanking you,

Yours sincerely,

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address:

7.3 Credential Summary

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)
1							
2							
3							
4							
5							
6							
7							

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

7.4 Bidder's Experience - Client Citations

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

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

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

7.5 Overview of Proposed Solution

7.5.1 Structure of Proposed Solution

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

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

Note: The same shall cover all the points mentioned in 3.6.1.c

7.5.2 Project Plan

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

Activity-Wise Timelines							
Sl.No	Item of Activity	Month-wise Program					
		1	2	3	4	5	...
	Project Plan						
1	Activity 1						
1.1	Sub-Activity 1						
1.2	Sub-Activity 2						
2							
2.1							
2.2							
3							
3.1							

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

7.5.3 Manpower Plan

I. Till Go-Live (Implementation)

Manpower distribution

S. No.	Role	Month wise time to be spent by each personnel (in days)						Total	
		Month 1	Month 2	Month 3	Month 12		
1	Project Manager								Onsite
2	Solution Architect (DC)								Onsite
3	Enterprise Architect/IOT Expert								Onsite
4	Networking Architect								Onsite
5	<Add more rows as required>								Onsite
Total									

II. After Go-Live (Operation & Maintenance)

Manpower distribution

S. No.	Manpower	Years					Total
		Year 1	Year 2	Year 3	Year 4	Year 5	
1							Onsite/Offsite
2	<Add more rows as required>						Onsite/Offsite
Total							

7.6 Details of Resources proposed

7.6.1 Summary of Resources proposed

SL.No	Name of the Resource	Proposed Role	Highest Degree	Basic Qualification (E.g. B.Sc. or B.E. or MCA or Diploma)	Certifications (ex. PMI or "ITIL or ITIL or TOGAF or TOGAF or CCNP etc.)	Total Experience (in Years)
1						
2						
3						
4						
5						
6						

7.7 Curriculum Vitae (CV) of Team Members

1.	Name																												
1	Proposed Position or Role	(only one candidate shall be nominated for each position)																											
2	Date of Birth		Nationality																										
3	Education	<table border="1"> <thead> <tr> <th>Qualification</th> <th>Name of School or College or University</th> <th>Degree Obtained</th> <th>Year of Passing</th> <td colspan="2"></td> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td colspan="2"></td> </tr> </tbody> </table>				Qualification	Name of School or College or University	Degree Obtained	Year of Passing																				
Qualification	Name of School or College or University	Degree Obtained	Year of Passing																										
4	Total Years of Experience																												
5	Areas of Expertise and no. of years of Experience in this area	(as required for the Profile)																											
6	Certifications and Trainings attended																												

1.	Name				
7	Employment Record	(Starting with recent Position)			
		Employer	Position	From	To
8	Detailed Task Assigned	(List all task to be performed under this project)			
9	Relevant Work Undertaken that Illustrates the experience as required for the Role				
	Project 1				
	Name of the Assignment				
	Yesr				
	Location				
	Employer				
	Main Project Features				
	Position Held				
	Activities Performed				
	(List all relevant Projects)				

7.8 Compliance to Requirement (Technical / Functional Specifications)

The bidder should provide compliance to the requirement specifications (both technical and functional) specified in the Section 4 of the Volume II of this RFP. The same should be reproduced here, and compliance against each requirement line item should be marked. .

7.9 Proposed Bill of Material

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

7.9.1 Annexure 4 - Bill of Quantity

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
A. Command Control Center						
A.1	Video Wall (along with hardware & software) Solution - 4x2 Display	1				
A.2	Projector for Meeting Room	1				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
A.3	Fire & Smoke Detectors	2				
A.4	Clour Printers	1				
A.5	Core Router	2				
A.6	Internet Router	2				
A.7	Core Switch	2				
A.8	Internal and External Firewall and IPS/IDS	2				
A.9	wan accelerators	-				
A.10	2 Screen –Operators Client Workstations for Command Control Center	10				
A.11	L2 Switch - 24 port	2				
A.12	UPS Online min 40 KVA with Batery Back up of	2				
A.13	Air Conditioning - 10 Ton - A/C	2				
A.14	CCTV camera	5				
A.15	Biometric access control system	1				
A.16	Operating System Licence	10				
A.17	Public IP	-				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
A.18	Networking & cabling	1				
A.19	SAN Switch	-				
A.20	Storage - 100 TB (usable)	-				
A.21	Gen Set - 100 KVA	1				
A.22	Video IP phones	10				
A.23	Civil	-				
A.24	IBMS Solution	1				
B. Data Center						
B.1	Server Racks - 42 U, with complete electrical connections	2				
B.2	Core Router	2				
B.3	Internet Router	2				
B.4	Firewall and IPS/IDS	2				
B.5	Core Switch (L3)	2				
B.6	L2 Switch -24 Port	2				
B.7	San Switch	2				
B.8	Storage - 100 TB (usable)	1				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
B.9	Anti virus Suite / Gateway	1				
B.10	Back up s/w	1				
B.11	LTO (Back Up Drives)	1				
B.12	Blade chassis	2				
B.13	Blade Server	10				
B.14	Virtualization Software (VM ware)	10				
B.15	Cluster Suite	1				
B.16	Multi-tenancy City Operations Platform - IoT Platform/Data Normalization software & City Operation Centre Software	1				
B.17	City Tenant activation license with one lakh device connection	1				
B.18	Integration of various for sensors, applications/systems	1				
B.19	Operator Client License	25				
B.20	Data Center Site Preparation	LS				
B.21	SLA, Helpdeck& EMS Solution	1				
B.22	IBMS Solution	1				
C. Application server						

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
C.1	Smart Water	1				
C.2	Integration of other services	1				
D. Intelligent Poles						
D.1	Intelligent Poles	9				
D.2	Environmental Sensors	9				
D.3	4 line LED Display	9				
D.4	Bill Boards	9				
D.5	Twin speaker @ junction	9				
D.6	UPS -1 KVA	9				
D.7	Fixed Cameras with Video Analytics	18				
D.8	360 Panoramic Camera	9				
D.9	Application Server for all the Above	1				
E. ATMS						
E.1	Traffic signal aspects	20				
E.2	Pedestrian signal aspects	20				
E.3	Timer display	20				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
E.4	Traffic signal controller	20				
E.5	Traffic detector	20				
E.6	Power & communication	20				
E.7	Civil works	LS				
E.8	ATS Software	1				
E.9	Mobile application	1				
E.10	Traffic engineering services	1				
F. Smart Water						
F.1	Existing Bulk Flow Meter - (Water Mine)	7				
F.2	Replacement of non working Bulk flow meters	7				
F.3	Additional Bulk Flow meters	14				
F.4	Installation of pressure transducers at critical zone point	2				
F.5	Sensors at WTP					
F.6	Turbidity measurement	2				
F.7	pH	2				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
F.8	Chlorine Content	2				
F.9	Cloud based Billing Data Base Management	1,00,000				
G. Smart Transport						
G.1	GPS Device for city buses	67				
G.2	RFID receiver for City Buses	67				
G.3	RFID Tagging for bus shelters	31				
G.4	Passenger Information System (VMS)	31				
G.5	LED Display in City buses	17				
G.6	Digital Billboards 2 /Bus shelter (10 Smart Bus shelters)	20				
G.7	Surveillance Camera	10				
G.8	Smart Transport Application Server	1				
	Vechile Scheduling and Despatch System					
	Incident Management Ssystem					
	Web Portal for bus schedule, bus route and ETA					
	Mobile Application					
	Integration with Smart City Dashboard					

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
H. ICT Solid Waste Management						
H.1	Vehicle Tracking System (VTS) GPS Device	102				
H.2	RFID tagging for All House Holds	1,10,000				
H.3	RFID receiver for push carts	34				
H.4	RFID receiver for Auto tippers	50				
H.5	RFID Tagging for Tippers (Waste Treatment Plant)	52				
H.6	RFID Receiver with all accessories at weigh bridge & entry point	1				
H.7	RFID receiver with all accessories at exit point	1				
H.8	Bullet Camera	28				
H.9	ICT enabled Waste Management Software	1				
H.10	Waste Management Monitoring Application					
H.11	Mobile Application					
H.12	Integration with existing Map					
H.13	Weigh bridge integration application					
I. Access Point on Smart Pole						
I.1	Wireless Controller	1				

No	BoM Line Item	Qty	Modification Proposed	Make / Brand	Model Details	Full Compliance with RFP (Y/N)
I.2	Access Point	16				
J.GPS Device for Emergency Services						
J.1	GPS Devive for Ambulances & Fire Engines	102				
K. Project Management &Infrastructure Set-up						
K.1	Control Room Site Preparation covering Partitioning, Enclosures ,Earthing, Power Cabling etc. (safety)	1				
K.2	Cubicles with Table and Chair for operators (As required) - for 25 operators	25				
K.3	Detailed systems/site wise survey study of above Systems	As Required				
K.4	Installation, Configuration and Customization for complete project	As Required				
K.5	Capacity Building and Administrative Expenses	As Required				
K.6	Other item (if Required)					

7.10 Manufacturers'/Producers' Authorization Form

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

Date:

To,
The Managing Director,
Belagavi Smart City Limited

Subject: Manufacturer's Authorization Form

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

Dear Sir,

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

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

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

Thanking you,

Yours faithfully,

(Signature)

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

Authorised Signatory

Name:

Designation:

Place:

Date:

7.11 Anti-Collusion Certificate

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

Anti-Collusion Certificate

We hereby certify and confirm that in the preparation and submission of our Bid for **Request for Proposal for Selection of System Integrator for Implementation of Belagavi Smart City Solutions** in Belagavi, Karnataka against the RFP issued by Authority, We have not acted in concert or in collusion with any other Bidder or other person(s) and also not done any act, deed or thing, which is or could be regarded as anti-competitive. We

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

(Signature of the Lead Bidder)

Printed Name

Designation

Seal

Date:

Place:

Business Address

8. Annexure 5 – Formats for Submission of the Commercial Bid

8.1. Total Price Summary

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

8.2 Annexure 6 - Price component for CAPEX:

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

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply, Installation & Commissioning
1	2	3	4	5	6	7=(5+6)*4
A. Command Control Center						
A.1	Video Wall (along with hardware & software) Solution - 4x2 Display	1				

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply,Installation& Commissioning
1	2	3	4	5	6	7=(5+6)*4
A.2	Projector for Meeting Room	1				
A.3	Fire & Smoke Detectors	2				
A.4	Clour Printers	1				
A.5	Core Router	2				
A.6	Internet Router	2				
A.7	Core Switch	2				
A.8	Internal and External Firewall and IPS/IDS	2				
A.9	2 Screen -Operators Client Workstations for Command Control Center	10				
A.10	L2 Switch - 24 port	2				
A.11	UPS Online min 40 KVA with Batery Back up of	2				
A.12	Air Conditioning - 10 Ton - A/C	2				
A.13	CCTV camera	5				
A.14	Biometric access control system	1				
A.15	Operating System Licence	10				
A.16	Networking & cabling	1				
A.17	Gen Set - 100 KVA	1				
A.18	Video IP phones	10				
A.19	IBMS Solution	1				
B. Data Center						
B.1	Server Racks - 42 U, with complete electrical connections	2				
B.2	Core Router	2				
B.3	Internet Router	2				
B.4	Firewall and IPS/IDS	2				
B.5	Core Switch (L3)	2				
B.6	L2 Switch -24 Port	2				
B.7	San Switch	2				
B.8	Storage - 100 TB (usable)	1				

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply,Installation& Commissioning
1	2	3	4	5	6	7=(5+6)*4
B.9	Anti virus Suite / Gateway	1				
B.10	Back up s/w	1				
B.11	LTO (Back Up Drives)	1				
B.12	Blade chassis	2				
B.13	Blade Server	10				
B.14	Virtualization Software (VM ware)	10				
B.15	Cluster Suite	1				
B.16	Multi-tenancy City Operations Platform - IoT Platform/Data Normalization software & City Operation Centre Software	1				
B.17	City Tenant activation license with one lakh device connection	1				
B.18	Integration of various for sensors, applications/systems	1				
B.19	Operator Client License	25				
B.20	Data Center Site Preparation	1				
B.21	SLA, Helpdeck& EMS Solution	1				
B.22	IBMS Solution	1				
C. Application server						
C.1	Smart Water	1				
C.2	Integration of other services	1				
D. Intelligent Poles						
D.1	Intelligent Poles	9				
D.2	Environmental Sensors	9				
D.3	4 line LED Display	9				
D.4	Bill Boards	9				
D.5	Twin speaker @ junction	9				
D.6	UPS -1 KVA	9				
D.7	Fixed Cameras with Video Analytics	18				
D.8	360 Panoramic Camera	9				
D.9	Application Server for all the Above	1				

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply,Installation& Commissioning
1	2	3	4	5	6	7=(5+6)*4
E. ATMS						
E.1	Traffic signal aspects	20				
E.2	Pedestrian signal aspects	20				
E.3	Timer display	20				
E.4	Traffic signal controller	20				
E.5	Traffic detector	20				
E.6	Power & communication	20				
E.7	Civil works	LS				
E.8	ATS Software	1				
E.9	Mobile application	1				
E.10	Traffic engineering services	1				
F. Smart Water						
F.1	Existing Bulk Flow Meter - (Water Mine)	7				
F.2	Replacement of non working Bulk flow meters	7				
F.3	Additional Bulk Flow meters	14				
F.4	Installation of pressure transducers at critical zone point	2				
F.5	Sensors at WTP					
F.6	Turbidity measurement	2				
F.7	pH	2				
F.8	Chlorine Content	2				
F.9	Cloud based Billing Data Base Management	1,00,000				
G. Smart Transport						
G.1	GPS Device for city buses	67				
G.2	RFID receiver for City Buses	67				
G.3	RFID Tagging for bus sheklers	31				
G.4	Passenger Information System (VMS)	31				

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply,Installation& Commissioning
1	2	3	4	5	6	7=(5+6)*4
G.5	LED Display In city bus	17				
G.6	Digital Billboards -2/Bus Shelters on either sides (10 Bus shelters)	20				
G.7	Surveillance Camera	10				
G.8	Smart Transport Appplication Server	1				
	Vechile Scheduling and Despatch System					
	Incident Management Ssystem					
	Web Portal for bus schedule, bus route and ETA					
	Mobile Application					
	Integration with Smart City Dashboard					
H. ICT Solid Waste Management						
H.1	Vehicle Tracking System (VTS) GPS Device	102				
H.2	RFID tagging for All House Holds	1,10,000				
H.3	RFID receiver for push carts	34				
H.4	RFID receiver for Auto tippers	50				
H.5	RFID Tagging for Tippers (Waste TretamentPlamt)	52				
H.6	RFID Receiver with all accessories at weigh bridge &entry point	1				
H.7	RFID receiver with all accessories at exit point	1				
H.8	Bullet Camera	28				
H.9	ICT enabled Waste Management Software	1				
H.10	Mobile Application					
H.12	Integration with existing Map					
H.13	Weigh bridge integration application					
I.Access Point on Smart Pole						
I.1	Wireless Controller	1				
I.2	Access Point	16				
J.GPS Device for Emergency Services						

No	BoM Line Item	Qty	Modification Proposed	Base Rate	All Taxes and Duties	Total price for supply,Installation& Commissioning
1	2	3	4	5	6	7=(5+6)*4
J.1	GPS Device for Ambulances & Fire Engines	1				
K. Project Management &Infrastructure Set-up						
K.1	Control Room Site Preparation covering Partitioning, Enclosures ,Earthing, Power Cabling etc. (safety)	1				
K.2	Cubicles with Table and Chair for operators (As required) - for 25 operators	25				
K.3	Detailed systems/site wise survey study of above Systems	As Required				
K.4	Installation, Configuration and Customization for complete project	As Required				
K.5	Capacity Building and Administrative Expenses	As Required				
K.6	Other item (if Required)					

8.3. Annexure 7 - Price component for OPEX

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

Sl. #	Components	Year 1 (in INR)	Year 2 (in INR)	Year 3 (in INR)	Year 4 (in INR)	Year 5 (in INR)	Total (Incl. of all taxes)
1	Network as a service						
2	City Operations Centre/City Command Center						
3	Data Center as colocation						
5	ICT enabled solid waste management						
7	Intelligent Traffic Management System						
9	Intelligent Transport system (ITS) with RF at Bus stop						
10	Smart center						
10	Helpdesk (Command Control Center and City Operation Center)						
11	Project Implementation price						
12	Handholding and Training price						
13	Any other price item not included above						
	Total OPEX price						

9 Annexure 7 (a) – Performance Bank Guarantee

Ref: _____

Date _____

Bank Guarantee No. _____

<Name>

<Designation>

<Address><Phone Nos.><Fax Nos.><Email id>

Whereas, <<name of the supplier and address>> (hereinafter called “the System Integrator”) has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide Implementation services for <<name of the assignment>> to [*Belagavi 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 Rs.<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 Rs. <Insert Value> (Rupees <Insert Value in Words> only) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

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

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the

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

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

Notwithstanding anything contained herein:

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

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

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

Date _____

Place _____

Signature _____

Witness _____

Printed name _____

(Bank's common seal)

10 Annexure 7 (b) – Bank Guarantee for Earnest Money Deposit

To,

<Name>

<Designation>

<Address>

<Phone Nos.>

<Fax Nos.>

<Email id>

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

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

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Authority during the period of validity of bid
 - (a) Withdraws his participation from the bid during the period of validity of bid document; or
 - (b) Fails or refuses to participate in the subsequent Tender process after having been short listed;

We undertake to pay to the Authority up to the above amount upon receipt of its first written demand, without the Authority having to substantiate its demand, provided that in its demand the Authority will

note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

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

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

I. Our liability under this Bank Guarantee shall not exceed Rs. <<Amount in figures>> (Rupees<<Amount in words>> only)

II. This Bank Guarantee shall be valid up to <<insert date>>)

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

(Authorized Signatory of the Bank)

Seal:

Date:

11 Annexure 8 – Non-Disclosure Agreement

WHEREAS, we the undersigned Bidder, _____, having our principal place of business or registered office at _____, are desirous of bidding for RFP No. <<>> dated <<DD-MM-2015>> “**Request for Proposal for Selection of System Integrator for Implementation of Belagavi Smart City Solutions** ” (hereinafter called the said 'RFP') to the “[*Belagavi 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 or proprietary to the Authority,

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

It is hereby agreed as under:

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

- d. the Bidder is required to disclose by order of a competent court or regulatory authority;
- e. is released from confidentiality with the written consent of the Authority.

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

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

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

5. The Bidder shall establish and maintain appropriate security measures to provide for the safe custody of the Confidential Information and to prevent unauthorised access to it.
6. The Bidder agrees that upon termination or expiry of this Agreement or at any time during its currency, at the request of the Authority, the Bidder shall promptly deliver to the Authority the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information and promptly certify such destruction.
7. Confidential Information shall at all times remain the sole and exclusive property of the Authority. Upon completion of the Tendering process and or or termination of the contract or at any time during its currency, at the request of the Authority, the Bidder shall promptly deliver to the Authority the Confidential Information and copies thereof in its possession or under its direct or indirect control, and shall destroy all memoranda, notes and other writings prepared by the Bidder or its Affiliates or directors, officers, employees or advisors based on the Confidential Information within a period of sixty days from the date of receipt of notice, or destroyed, if incapable of return. The destruction shall be witnessed and so recorded, in writing, by an authorized representative of the Authority. Without prejudice to the above the Bidder shall promptly certify to the Authority, due and complete destruction and return. Nothing contained herein shall in any manner impair rights of the Authority in respect of the Confidential Information.
8. In the event that the Bidder hereto becomes legally compelled to disclose any Confidential Information, the Bidder shall give sufficient notice and render best effort assistance to the Authority to enable the Authority to prevent or minimize to the extent possible, such disclosure. Bidder shall not disclose to a third party any Confidential Information or the contents of this RFP without the prior written consent of the Authority. The obligations of this Clause shall be satisfied by handling Confidential Information with the same degree of care, which the Bidder applies to its own similar Confidential Information but in no event less than reasonable care.

For and on behalf of:

(BIDDER)

Authorised Signatory Office Seal:

Name: Place:

Designation: Date :

12 Annexure 9 - Consortium Agreement

DRAFT MEMORANDUM OF UNDERSTANDING EXECUTED BY MEMBERS OF THE CONSORTIUM

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

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

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

WHEREAS DIT, Govt. of Karnataka has issued a Request for Proposal dated [Date] (RFP) from the Applicants interested in **Request for Proposal for Selection of System Integrator for Implementation of Belagavi Smart City Solutions for Authority:**

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

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

The purpose of this Agreement is to define the principles of collaboration among the Parties to:

Submit a response jointly to Bid for the "**Request for Proposal for Selection of Agency for Selection of Agency for Implementation of Belagavi Smart City Solutions**" as a Consortium.

Sign Contract in case of award.

Provide and perform the supplies and services which would be ordered by the Authority pursuant to the Contract.

This Agreement shall not be construed as establishing or giving effect to any legal entity such as, but not limited to, a company, a partnership, etc. It shall relate solely towards the Authority for “**Request for Proposal for Selection of Agency for Selection of Agency for Implementation of [City] Smart City Solutions**” for and related execution works to be performed pursuant to the Contract and shall not extend to any other activities.

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.

----- (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:

To ensure the technical, commercial and administrative co-ordination of the work package

To lead the contract negotiations of the work package with the Authority.

The Lead partner is authorized to receive instructions and incur liabilities for and on behalf of all Parties.

In case of an award, act as channel of communication between the Authority and the Parties to execute the Contract

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

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: _____

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.

That this MoU shall be governed in accordance with the laws of India and courts in [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:

13 Annexure 10 - Format for Power of Attorney to Authorize Signatory

POWER OF ATTORNEY

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

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

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

(Add in the case of a Consortium)

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

Dated this the ____ day of ____ 2017

(Signature and Name of authorized signatory)

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

Seal of firm Company

Witness 1: Witness 2:

Notes:

To be executed by all the members individually.

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 11 - 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 _____ 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 _____ 2017

(signature)

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

Witness 1 Witness 2

Notes:

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

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.