Surat Municipal Corporation

ADDENDUM & CORRIGENDUM-7

REQUEST FOR PROPOSAL

FOR

SELECTION OF IMPLEMENTATION AGENCY FOR

INTEGRATED COMMAND AND CONTROL CENTER (ICCC) AND OUTDOOR DIGITAL DISPLAY BOARD(ODDB) IN SURAT CITY

RFP No.: SSCDL-ICCC-RFP-02-2020

Last date for Price Bid Submission: 12.02.2021

Surat SMART CITY

Invited by

Surat Smart City Development Limited

1st Floor, South Zone Office, Surat Municipal Corporation, Opp. Satyanagar, Udhna, Surat-394210, Gujarat, India

Surat Smart City Development Limited
ADDENDUM AND CORRIGENDUM-7
RFP Notification No.: SSCDL-ICCC-RFP-02-2020

The Bidder are requested to take note of the following changes made in the RFP documents, which are to be taken into account while submitting the RFP. They shall be presumed to have done so and submitted the RFP accordingly.

- This Addendum and Corrigendum shall be the part of the RFP documents.

- All items specified in this Addendum and Corrigendum supersede relevant items to that effect as provided in the original RFP documents. All other specifications, terms and conditions of the original RFP document shall remain unchanged.

- Bidder shall read and consider following points, which shall be a part of the RFP documents.

- All the changes mentioned in this document should be read across the RFP, Addendum & Corrigendum, wherever applicable.

- **The queries raised and given by bidders, but the clarifications are not made in this Addendum and Corrigendum shall be considered to remain unchanged as per the terms and conditions mentioned in the original RFP documents.**

Changes with respect to RFP Schedule

Please note that with respect to tendering schedules, the following changes have been effected. Bidders are requested to take note of the same and adhere to the dates specified hereunder with regards to Price Bid Submission and Technical Bid Submission:

Particular	Current Dates	Proposed Dates
Online Price Bid Submission Date	05.02.2021 up to 18:00 hrs	12.02.2021 up to 18:00 hrs.
Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD and other documents	In sealed envelope strictly by RPAD/Postal Speed Post On or before 12.02.2021 to 18:00 hrs. To the Chief Accounts, Surat Municipal Corporation, Muglisara, Surat – 395003, Gujarat by RPAD or Speed Post Only.	In sealed envelope strictly by RPAD/Postal Speed Post On or before 19.02.2021 up to 18:00 hrs. To the Chief Accounts, Surat Municipal Corporation, Muglisara, Surat – 395003, Gujarat by RPAD or Speed Post Only.

#	Section No.	Page No.	Section Name	Reference in RFP/Addendum & Corrigendum No.	Existing Clause	Amended/New Clause
1.	5.1	3	Revised Bidder's Eligibility Criteria	Addendum & Corrigendum 5	-	Please refer to Annexure I for revised Revised Bidder's Eligibility Criteria.
2.	5.2	9	Revised OEM's Eligibility Criteria	Addendum & Corrigendum 2	-	Please refer to Annexure II for revised OEM's Eligibility Criteria.
3.	6.22	7	Revised Technical Evaluation Criteria	Addendum & Corrigendum 5	-	Please refer to Annexure III for revised Technical Evaluation Criteria.
4.	10.7	27	Revised PQ_6 Affidavit	Addendum & Corrigendum 1	-	Please refer to Annexure IV for revised PQ_6 Affidavit
5.	13.2	202	Functional requirements of Outdoor Smart Digital Display Board Application	RFP	-	Please refer to Annexure V for revised Functional requirements of Outdoor Smart Digital Display Board Application.
6.	14.1	77	Video Wall Screen	Addendum & Corrigendum 1	-	Please refer to Annexure VI for revised technical specification of below mentioned components:
7.	14.46	25	Revised Outdoor Digital Display Board (15 ft x 6 ft)	Addendum & Corrigendum 2	-	1. Video Wall Screen 2. Outdoor Digital Display Board (15 ft x 6 ft)

Annexure I

5.1 Revised Bidder's Eligibility Criteria

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

The Pre-Qualification Criteria for the selection of the vendor or consortium are given below. In case of Consortium, please refer the section 6.6.

Note: For evaluation following definition is considered

- The total Project value shall be considered as Capex Cost + Operation & Maintenance Cost.
- OEM experience will not be considered for Pre-Qualification Criteria and Technical Evaluation as bidder's experience unless bidder is also an OEM.
- **Integrated Command & Control Centre (ICCC)/ Command Control Centre (CCC):** ICCC/CCC Project is defined as those projects where Command Centre Application is implemented. ICCC Application at such installation should not only be a viewing platform but should be used for SOP creation and triggering for specific event/incident. Project only pertaining to NOC and/or Data Center Monitoring will not be considered.
- In case of Consortium only 3 partners are allowed including Prime Bidder. For more details on Consortium please refer to the section 6.6.
- R&R refers to roles & responsibilities mentioned in Consortium Agreement.

#	Eligibility Criteria	Proof Document Required	Applicable to Sole Bidder	Applicable to Consortium
1.	The Prime Bidder / Sole Bidder should be registered under the Companies Act 1956 and should be in operation in India for a period of at least 5 years as on publication of bid. In case of Consortium, the Consortium Partner should be registered under the Companies Act 1956 Or a partnership firm registered under LLP Act, 2008	Copy of certification of incorporation issued by competent authority/ Registration Certificate	Yes	Yes
2.	Bidder (consortium)/ Sole Bidder jointly should have a minimum average annual	Copy of the Audited Profit and Loss statement and statutory auditor / CA	Yes	Yes

#	Eligibility Criteria	Proof Document Required	Applicable to Sole Bidder	Applicable to Consortium
	turnover of **Rs. 150 crore** from ICT based business for last three financial years i.e. FY 2019-20, FY 2018-19, 2017-18. In case of consortium, each partner should have minimum average annual turnover of Rs. 30 Cr. The copies of Audited Annual Accounts for last three years to be submitted along with the bid [FY 2019-20, FY 2018-19, 2017-18]. If 2019-20 Financial Statements of any bidder is unaudited then the Audited Financial Statements of 2016-17 along with an undertaking letter from the bidder that the 2019-20 Statements are not audited is to be submitted.	certificate from a regarding turnover. The certificate should be originally signed or notarized.		
3.	Bidder/ Consortium should have a positive net worth as on 31st March 2020 If 2019-20 Financial Statements of any bidder is unaudited then Bidder should have a positive net worth as on 31st March 2019. Moreover, an undertaking letter from the bidder that the 2019-20 Statements are not audited is to be submitted	Certificate from the statutory auditor / CA towards positive net worth of the company. The certificate should be originally signed or notarized	Yes	Yes (All Members of Consortium)
4.	Sole Bidder / Bidder ==(Prime Bidder in case of Consortium as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2)== should have an experience in implementation of Integrated Command & Control Centre (ICCC) / Command Control Center (CCC) in India in last 7 years from the date of publishing this RFP One project costing not less than the amount equal to INR 20 Cr. with ICCC application	• Copy of completion certificate issued by client • In case of an ongoing project, the project must have achieved the respective value in terms of entire project cost and ICCC application respectively from financial perspective. The Certificate to this effect from the client on client's letter head to be provided. If Go-	Yes	Yes ==(Prime Bidder of Consortium)==

#	Eligibility Criteria	Proof Document Required	Applicable to Sole Bidder	Applicable to Consortium
	solution component worth minimum INR 2.5 Cr. OR Two projects costing not less than the amount equal to INR 12 Cr. each with ICCC application solution component worth minimum INR 1.5 Cr. OR Three projects costing not less than the amount equal to INR 10 Cr. each with ICCC application solution component worth minimum INR 1.25 Cr. *Note: ICCC Application cost component shall include:* *1. Licenses cost for ICCC Applications* *2. SITC cost* *3. Integration cost* *4. Operation & Maintenance cost*	Live certificate is to be submitted, the same must clearly specify the information that help ascertain the compliance to the respective evaluation criteria in terms of domains integrated / achievement of value in terms of project cost and ICCC application Solution component respectively from financial perspective. • Copy of Work order / Contract • PQ_12: Format for Use Case Submission from OEM		
5.	Sole Bidder / Bidder (In case of Consortium, as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) should have supplied & installed at least 20 Out-door Digital Display Boards during the last 7 years in India from the date of bid submission. The size of boards must be minimum 2 sq.mt. area (excluding Rental orders) for consideration under this criterion.	• Copy of completion certificate issued by client • Copy of Work order / Contract • In case of an ongoing project, the project must have achieved the respective count in terms of Display Boards installed and commissioned. The Certificate to this effect from the client on client's letter head to be provided. • The supporting documents must clearly specify the information that help	Yes	Yes (As per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2)

#	Eligibility Criteria	Proof Document Required	Applicable to Sole Bidder	Applicable to Consortium
		ascertain the compliance to the respective evaluation criteria.		
6.	Sole Bidder / Bidder (In case of Consortium, as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) should have completed at least 1 (one) project pertaining to setting up of Datacenter / Datacenter Infrastructure in last 7 years as on Bid Submission date of value not less than INR 2 Crore in India. OR at least 2 (two) projects pertaining to setting up of Datacenter / Datacenter Infrastructure in last 7 years as on Bid Submission date of value not less than INR 1.25 Crore in India. OR at least 3 (three) projects pertaining to setting up of Datacenter / Datacenter Infrastructure in last 7 years as on Bid Submission date of value not less than INR 1 Crore in India. Note: In-house projects for own or group companies shall not be considered for above criteria. Data Center Infrastructure cost should be excluding software license cost.	• Copy of completion certificate issued by client • Copy of Work order / Contract • The supporting documents must clearly specify the information that help ascertain the compliance to the respective evaluation criteria.	Yes	Yes (As per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2)
7.	Bidder should be registered for GST number in India.	GST Registration Certificate PAN Card	Yes	Yes (All Members of Consortium)
8.	Bidder should not be blacklisted or debarred by any Government / PSU in India at the time of submission of the bid.	Declaration letter by bidder as per format given in the RFP document	Yes	Yes (All Members of Consortium)

Annexure II

5.2 Revised OEM's Eligibility Criteria

To be considered qualified for evaluation of Technical Proposal, the respective OEM must meet the below mentioned OEM eligibility criteria:

#	Selection criteria for the OEM	Proof Document Required
A	**ICCC OEM**	
1	ICCC OEM Solution should be implemented for at least 2 distinct projects covering at least 3 domains (with minimum 1 use case per domain) from below mentioned list out of which minimum 1 deployment should be within India. 1. Adaptive/Intelligent Traffic Control System (ATCS Signals with or without ANPR, RLVD, Wrong side, Speed detection, etc.) 2. Intelligent Transit Management System / Vehicle Tracking System with minimum 100 VTS Units 3. SCADA System for drinking Water Treatment Plant / Water Distribution Plant 4. SCADA System for Sewage Treatment Plant / Sewage Pumping Station 5. Solid Waste Management integrating smart components like GPS and RFID 6. Grievance Redressal System based on ERP/Custom/Third Party Application 7. CCTV/ Surveillance Network (Excluding Camera considered under Point 1) 8. Sensor/IoT based Smart Street Lighting System to monitor and control on/off and timer controller, etc. 9. Revenue Collection Systems (Property Tax, Water Meter Billing, Other Utility Meter Reading, AFCS etc.) based on ERP/Custom/Third Party Application 10. Electricity/Gas SCADA for utility company or power/gas generation company 11. Network monitoring for large scale WiFi service / dedicated OFC network 12. Sensor/IoT based Smart Parking 13. Public Announcement System / PIS / VMS / Outdoor Digital Display **Note:** Project components considered under one domain will not be considered under other	1. Work order of projects for supply of ICCC Solution 2. Any client document that clearly specifies the domains implemented & integrated as part of solution. The Certificate to this effect from the client on client's letter head to be provided. In case of ongoing project, any client document/certificate should clearly list minimum 3 domains from the list that are implemented as part of the solution. If Go-Live certificate is to be submitted, the same must clearly specify the information that help ascertain the compliance in terms of domains integrated. 3. Self-certificate on OEM's letterhead from authorised signatory clearly defining the use cases implemented under each domain as part of the project as per format prescribed in PQ_12.

#	Selection criteria for the OEM	Proof Document Required
	domain. E.g. VTS installation under Sr. No. 5. Smart Solid Waste Management will not be considered again under Sr. No. 2. Intelligent Transit Management System / Vehicle Tracking System with minimum 100 VTS Units.	
2	**Commitment to Support** The OEM should commit to support the product proposed in the scope of this RFP for at least five (5) years from the date of Go-Live. End of support date should not have been announced for the product proposed.	OEM self-certification as per Section-PQ_10 indicating the commitment to support
B	**Outdoor Digital Display Board OEM**	
1	OEM must have supplied at least 125 Out-door Digital Display Boards (excluding Rental orders) during the last 7 years from the date of bid submission of which minimum 40% quantity must be supplied in India. The size of boards must be minimum 6 sq.mt area with at least 2 X 2 matrix in India (excluding Rental orders) for consideration under this criterion.	1. Copy of Work Order/Contract 2. Completion Certificate
2	The OEM of the offered LED display should have authorized registered service centre in India.	OEM Self-certificate as per Section-PQ_13
3	**Commitment to Support** The OEM should commit to support the product proposed in the scope of this RFP for at least seven (7) years from the date of Go-Live. End of support date should not have been announced for the product proposed.	OEM self-certification as per Section-PQ_10 indicating the commitment to support
C	**ODDB Media Player and Centralised Content Management System**	
1	ODDB Media Player and Centralised Content Management System should be from the same OEM	
2	OEM must have supplied at least 125 Media Players during the last 7 years from the date of bid submission of which minimum 40% quantity must be supplied in India.	1. Copy of Work Order/Contract 2. Completion Certificate
3	OEM must have supplied Centralised Content Management System for 5 distinct projects comprising minimum 20 Media Players per project during the last 7 years from the date of bid submission of which minimum 2 projects must be in India.	1. Copy of Work Order/Contract 3. Completion Certificate
4	The OEM of the offered ODDB Media Player and Centralised Content Management System should have authorized registered service centre in India.	OEM Self-certificate as per Section-PQ_13

#	Selection criteria for the OEM	Proof Document Required
5	**Commitment to Support** The OEM should commit to support the product proposed in the scope of this RFP for at least seven (7) years from the date of Go-Live. End of support date should not have been announced for the product proposed.	OEM self-certification as per Section-PQ_10 indicating the commitment to support

Annexure III

6.22 Revised Technical Evaluation Criteria

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

Section	Evaluation Criteria	Marks
A	Bidders Financial Competence & Organizational Strength	12
B	Project Experience of Bidder	65
C	Proposed IT Products and Solution	23
	Total	**100**

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

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
A	**Bidders Financial Competence & Organizational Strength**		12
1	Bidder's Competence – Turnover	• Bidder (consortium)/ Sole Bidder jointly should have a minimum average annual turnover of **Rs. 150 crore** from ICT based business for last three financial years i.e. FY 2019-20, FY 2018-19, 2017-18. In case of consortium, each partner should have minimum average annual turnover 30 Cr. Average Turnover (in crores) / Marks [Maximum: 8] >= INR 350 Cr. — 8 >= INR 300 Cr and < INR 350 Cr. — 7 >= INR 250 Cr and < INR 300 Cr. — 6 >= INR 200 Cr. and < INR 250 Cr. — 5 >= INR 150 Cr. and < INR 200 Cr. — 4 • Bidder to submit the Certificate from the statutory auditor / CA clearly specifying the annual turnover from ICT for the specified years. Original or Notarized copy of the certificate should be submitted • The copies of Audited Annual Accounts for last three years to be submitted along with the bid [FY 2019-20,FY 2018-19, 2017-18].If 2019-20 Financial Statements of any bidder is unaudited then the Audited Financial Statements of 2016-17 along with an undertaking letter from the bidder that the 2019-20 Statements are not audited is to be submitted	8
2	Bidder's Certification	Certification with the Sole Bidder or any member of consortium (valid as on date of issuance of the bid): a. ISO 9001:2008 b. ISO 20000:2011 for IT Service Management	4

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
		c. ISO 27001:2013 for Information Security Management System d. CMMi Level 3 e. CMMi Level 5	

Certification	Marks [Maximum: 4]
Any one ISO certificate	1
Any two ISO certification or CMMi Level 3	2
All ISO certification or CMMi Level 5 Certification or Any two ISO certification & CMMi Level 3 Certification	3
Any two ISO certification & CMMi Level 5 Certification or All ISO Certification & CMMi Level 3 Certification	4

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
B	**Project Experience of Bidder**		**65**
1	Bidder Experience – Executing Command Control Center Project	Experience of Sole Bidder / Bidder (Prime Bidder in case of Consortium as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) in implementation of Integrated Command & Control Centre (ICCC) /Command Control Center (CCC) in India in last 7 years from the date of publishing this RFP	25

Number of Projects	Marks [Maximum: 25]
For satisfying PQ criteria	10
Additional project over and above the projects submitted under PQ criteria	
Every additional project costing not less than the mount equal to INR 20 Cr. with ICCC application worth minimum INR 2.5 Cr.	7.5
Every additional costing not less than the amount equal to INR 12 Cr. each with ICCC application worth minimum INR 1.5 Cr.	5
Every additional project costing not less than the amount equal to INR 10 Cr. each with ICCC application worth minimum INR 1.25 Cr.	2.5

Bidder is required to submit:
1. Copy of completion certificate issued by client

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
		2. In case of an ongoing project, the project must have achieved the respective value in terms of entire project cost and ICCC application Solution component respectively from financial perspective. The Certificate to this effect from the client on client's letter head to be provided. If Go-Live certificate is to be submitted, the same must clearly specify the information that help ascertain the compliance to the respective evaluation criteria in terms of domains integrated / achievement of value in terms of project cost and ICCC application Solution component respectively from financial perspective. 3. Copy of Work order / Contract 4. PQ_12: Format for Use Case Submission from OEM	
2	Bidder Experience – Executing Command Control Center Application	Experience of Sole Bidder / Bidder (Prime Bidder in case of Consortium as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) in implementation of ICCC Solution integrating domains/systems in the last seven (7) years in India. 1. Adaptive/Intelligent Traffic Control System (ATCS Signals with or without ANPR, RLVD, Wrong side, Speed detection, etc.) 2. Intelligent Transit Management System / Vehicle Tracking System with minimum 100 VTS Units 3. SCADA System for drinking Water Treatment Plant / Water Distribution Plant 4. SCADA System for Sewage Treatment Plant / Sewage Pumping Station 5. Solid Waste Management integrating smart components like GPS and RFID 6. Grievance Redressal System based on ERP/Custom/Third Party Application 7. CCTV/ Surveillance Network cameras (Excluding Camera considered under Point 1) 8. Sensor/IoT based Smart Street Lighting System to monitor and control on/off and timer controller, etc. 9. Revenue Collection Systems (Property Tax, Water Meter Billing, Other Utility Meter Reading, AFCS etc.) based on ERP/Custom/Third Party Application 10. Electricity/Gas SCADA for utility company or power/gas generation company 11. Network monitoring for large scale WiFi service / dedicated OFC network	15

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
		12. Sensor/IoT based Smart Parking 13. Public Announcement System / PIS / VMS / Outdoor Digital Display **Note:** Project components considered under one domain will not be considered under other domain. E.g. VTS installation under Sr. No. 5. Smart Solid Waste Management will not be considered again under Sr. No. 2. Intelligent Transit Management System / Vehicle Tracking System with minimum 100 VTS Units.	

Particular		Marks
One project integrating any domains/systems mentioned above	5	7.5
One project integrating any domains/systems mentioned above	4	5
One project integrating any domains/systems mentioned above	3	2.5
Maximum Marks: 15		

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
		Bidder is required to submit: 1. Copy of Work order / Contract 2. Copy of completion certificate issued by client 3. In case of an ongoing project, the claimed domains/systems must have been integrated. The Certificate to this effect from the client on client's letter head to be provided. If Go-Live certificate is to be submitted, the same must clearly specify the information that help ascertain the compliance in terms of domains integrated 4. PQ_12: Format for Use Case Submission from OEM.	
3	Bidder Experience – No of Outdoor LED Display Board Implemented	Relevant experience of Sole Bidder / Bidder (In case of Consortium, as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) in SITC of Digital Display Boards in last 7 years in India from the date of publishing the RFP. The size of boards must be minimum 2 sq.mt. area (excluding Rental orders) for consideration under this criterion.	15

Particular	Marks
One project for SITC of minimum 15 Digital Display Boards (indoor and/or outdoor)	7.5
One project for SITC of minimum 10 Digital Display Boards (indoor and/or outdoor)	5
One project for SITC of minimum 5 Digital Display Boards (indoor and/or outdoor)	2.5
Maximum Marks: 15	

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
		Bidder is required to submit: 1. Copy of Work Order/ Contract 2. Copy of completion certificate issued by client 3. In case of an ongoing project, the project must have achieved the respective count in terms of Display Boards installed and commissioned. The Certificate to this effect from the client on client's letter head to be provided. 4. The supporting documents must clearly specify the information that help ascertain the compliance to the respective evaluation criteria.	
4	Bidder Experience –Outdoor LED Display Board Projects	Relevant experience of Sole Bidder / Bidder (In case of Consortium, as per R&R defined in Consortium Agreement & Section 6.6 in Addendum & Corrigendum 2) in SITC of Digital Display Boards in last 7 years in India from the date of publishing the RFP.	10

Particular	Marks
One project costing not less than the amount equal to INR 5 Cr.	5
One project costing not less than the amount equal to INR 4 Cr.	4
One project costing not less than the amount equal to INR 3 Cr.	3
One project costing not less than the amount equal to INR 2 Cr.	2
One project costing not less than the amount equal to INR 1 Cr.	1
Maximum Marks: 10	

Bidder is required to submit:

1. Copy of Work Order/ Contract

2. Copy of completion certificate issued by client

3. In case of an ongoing project, the project must have achieved the respective value in terms of Display Board solution components installed and commissioned from financial perspective. The Certificate to this effect from the client on client's letter head to be provided.

4. The supporting documents must clearly specify the information that help ascertain the compliance to the respective evaluation criteria.

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
C	**Proposed IT Products and Solution**		**23**
1	Active Network Equipment (Network Switches)		4

#	Technical Evaluation Criteria	Technical Evaluation parameter		Marks
		Particular	**Marks**	
		Proposed OEM listed in **Leaders Quadrant** of the latest Gartner Magic Quadrant for **Wired and Wireless LAN Access Infrastructure**	4	
		Proposed OEM listed in **Challengers Quadrant** of the latest Gartner Magic Quadrant for **Wired and Wireless LAN Access Infrastructure**	2	
		Proposed OEM listed in **Visionaries Quadrant** of the latest Gartner Magic Quadrant for Wired and Wireless LAN Access Infrastructure	1	
		Proposed OEM for **Wired and Wireless LAN Access Infrastructure doesn't belong to above Gartner Magic Quadrant** as per the latest published report	0	
2	Servers			6
		Particular	**Marks**	
		Proposed OEM listed in **Leaders Quadrant** of the latest Gartner Magic Quadrant for **Modular Servers**	6	
		Proposed OEM listed in **Challengers Quadrant** of the latest Gartner Magic Quadrant for **Modular Servers**	4	
		Proposed OEM listed in **Visionaries Quadrant** of the latest Gartner Magic Quadrant for **Modular Servers**	2	
		Proposed OEM for **Modular Servers doesn't belong to Gartner Magic Quadrant** as per the latest published report	0	
3	Storage			6
		Particular	**Marks**	
		Proposed OEM listed in **Leaders Quadrant** of the latest Gartner Magic Quadrant for Primary storage	6	
		Proposed OEM listed in **Challengers Quadrant** of the latest Gartner Magic Quadrant for Primary storage	4	
		Proposed OEM listed in **Visionaries Quadrant** of the latest Gartner Magic Quadrant for Primary storage	2	
		Proposed OEM for Primary storage **doesn't belong to Gartner Magic Quadrant** as per the latest published report	0	

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
4	Enterprise Security Solution for Servers		4

Particular	Marks
Proposed OEM listed in **Leaders Quadrant** of the latest Gartner Magic Quadrant for Endpoint Protection Platforms	4
Proposed OEM listed in **Challengers Quadrant** of the latest Gartner Magic Quadrant for Endpoint Protection Platforms	2
Proposed OEM listed in **Visionaries Quadrant** of the latest Gartner Magic Quadrant for Endpoint Protection Platforms	1
Proposed OEM for Endpoint Protection Platforms **doesn't belong to Gartner Magic Quadrant** as per the latest published report	0

#	Technical Evaluation Criteria	Technical Evaluation parameter	Marks
5	Outdoor Digital Display Board solution		3

Particular	Marks
Proposed OEM has supplied at least **SMD (3 in 1 technology)** based **60 Out-door Digital Display Boards** (excluding Rental orders) during the last 7 years from the date of bid submission	3
Proposed OEM has supplied at least **SMD (3 in 1 technology)** based **30 Out-door Digital Display Boards** (excluding Rental orders) during the last 7 years from the date of bid submission	2
Proposed OEM has supplied at least **SMD (3 in 1 technology)** based **15 Out-door Digital Display Boards** (excluding Rental orders) during the last 7 years from the date of bid submission	1

Bidder is required to submit:

1. Copy of Work Order/ Contract

2. Copy of completion certificate issued by client

3. The supporting documents must clearly specify the information that help ascertain the compliance to the respective evaluation criteria

Annexure IV

10.7 Revised PQ_6: Affidavit

The affidavit format as indicated below to be furnished on non-judicial stamp paper of Rs. 300 (duly notarized) by bidder (or each member of consortium, in case of consortium)

Name of work: Selection of Implementing Agency for Integrated Command and Control Center (ICCC) and Outdoor Digital Display Boards (ODDB) in Surat.

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.

2. The undersigned also hereby certifies that neither our firm M/s ....
.... nor any of its constituent partners have abandoned any work in India nor any contract awarded to us for such works has been rescinded during last five years, from the date of this bid submission I hereby certify that presently our Company is not blacklisted or debarred by any Government / PSU on the date of Bid Submission.

3. The undersigned hereby authorize(s) and request(s) any bank, person, authorities, government or public limited institutions, firm or corporation to furnish pertinent information deemed necessary and requested by the SSCDL/SMC to verify our statements or our competence and general reputation.

4. The undersigned hereby declares that I have read clause regarding restriction on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

> I certify that M/s <<name of Company>> is not from such a country.
> OR
> I certify that M/s <<name of Company>> belongs to such a country and has been registered with the Competent Authority (i.e. Registration committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)) and the copy of valid registration from competent authority has been attached in this regard.

I on behalf of M/s <<name of Company>> further undertake that we will not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

I hereby certify that M/s <<name of Company>> fulfils all requirements in this regard and is eligible to be considered.

5. The undersigned understands and agreed that further qualifying information may be requested and agrees to furnish any such information at the request of the SSCDL/SMC.

6. We hereby confirm that all the components/parts/assembly which we shall supply on award of contract shall be original new components /parts/assembly from respective OEMs of the products and that no refurbished/duplicate/second hand components/parts/assembly shall be used.

7. The SMC/SSCDL and its authorized representative are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this application and to seek clarification from our bankers and clients regarding any financial and technical aspects. This Affidavit will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such

Sign

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information deemed necessary and requested by you to verify statements and information provided in the tender or with regard to the resources, experience and competence of the Applicant.

8. My/ our offer shall not be considered in case of fake/ forged document(s) found during verification at any stage or at any stage of contract. I/ We are agreed to whatever action (s) taken by competent authority of corporation in the aforesaid circumstances such as forfeiture of security deposit and debarring from participation in future tenders for the period/ years as deemed fit by the corporation and informing the same to all other state/ central level Government/ semi government organizations.

Signed by the Authorized Signatory of the firm _____

Title of the office: _____

Name of the firm: _____

Date: _____

Annexure V

13.2. Revised Functional requirements of Outdoor Smart Digital Display Board Application

Following are the functional requirements:

#	Functional Requirements	Bidder Compliance (Yes/No)
1.	The proposed ODDB Application Solution should be industry standard COTs based solution with wide implementation.	
2.	Selected SI will be required to ensure necessary customization to the proposed COTs based solution to meet the RFP requirements.	
3.	Admin Module	

i.	User & Role Management Module
	   a. The software solution should have facility to register users capturing necessary user details.
	   b. Define roles and associated privileges
	   c. Create/Edit/Delete user role with specific privileges (The solution should have capability to show/hide screens based on user roles.)
	   d. The administrator user should have feature to reset password for users.
	   e. The administrator user should have feature to enable/disable or delete any user.	

ii.	The application should have capabilities to create various roles for various users like view only, transactional user, super user, administrator, etc.	
iii.	From content management perspective, it should enable creation of users like content creator, content approver and publisher, etc.	
iv.	Create & manage masters pertaining to zone, wards, size, agency	
v.	Created & Manage Advertisement Agency (whom will be managing ODDB) capturing various details like agency name, contact person, address, GST no., contract start date and end date, etc.	
vi.	Create & Manage Outdoor Digital Display Board (ODDB) capturing various details like size, date of installation, warranty details, location, structure type, IP address, etc.	
vii.	Create & manage group and subgroup of ODDB (e.g. zone wise, ward wise, agency wise, size wise, etc.)	
viii.	Assignment of ODDB or group of ODDB to Advertisement Agency capturing various details like start date, end date, etc.	
ix.	Creation of users with appropriate role & rights for Advertisement Agency	
x.	The application should have functionality to create new users with specific role along with role assignment date and expiry date	
xi.	There should be provision to define the user role and associated login mechanism	

#	Functional Requirements	Bidder Compliance (Yes/No)
	a. UserID & Password only b. UserID & Password with OTP c. UserID & Password with OTP & USB Token	
xii.	The login to the system should be secured with USB access key or software based.	
xiii.	All access logs of every user should be captured and should be available.	
xiv.	System should have capability to create access and approval hierarchy (levels) for users.	
xv.	There must be provision to maintain and retrieve historic data with necessary audit trail. The login and user activity data w.r.t. failed or successful login along with necessary information such as start time, end time, IP address, etc. must be properly preserved for complete audit trail of activities.	
xvi.	All activities related to ODDB management covering user activities, media playback, uptime, etc. should be recorded and preserved for audit trail and reporting purpose.	
4.	**Outdoor Digital Display Board (ODDB) Management**	
i.	The centralized application should have capability to view various parameters of Outdoor Digital Display Boards (ODDB) about its functioning and health of board covering parameters like power status, connectivity status, individual cube functioning, LED failure within a cube (Desirable), media player functioning, etc.	
ii.	The centralized application should have capability to remotely turn on / off the ODDB. It should also enable scheduling the power on/off for respective ODDB.	
iii.	The centralised application should have capability to adjust the brightness and contrast of respective ODDB.	
iv.	Application should have ability to set the brightness & contrast of respective ODDB based on the time of the day (i.e. medium brightness in morning hours, higher brightness during afternoon, lower brightness during night, etc.)	
v.	The centralized application should also have capability to remotely preview the content being played / displayed on respective ODDB.	
5.	**Layout Management**	
i.	The application should have capability to create different layouts which would enable partitioning of the ODDB into different blocks/frames/zones of different size and it should be possible to display independent content under each block/frame as per requirement.	
ii.	It should be able to display different type of content like (image, video, text, live stream, HTML, etc.) under each block or entire ODDB.	
iii.	It should be possible to overlap the text over the video/image or two different type of contents.	
iv.	It should be possible to display text, ticker, date/time, weather information etc. on the ODDB.	
v.	It should be possible to store the different layouts for its reusability.	
vi.	It should be possible to schedule different layouts for different time slots. E.g. one time slot may use layout 1 (single screen) and other time slot may use layout 2(Split screen) etc.	

#	Functional Requirements	Bidder Compliance (Yes/No)
vii.	It should be possible to reuse the layout created for one ODDB and assign it to other ODDB and group of ODDBs.	
6.	**Content Management**	
i.	The application should have facility to browse and upload the content.	
ii.	It should be possible to define the content parameters like name, item/brand name, category, agency name, campaign, content type, etc. System should enable easy management of media files based on content parameters.	
iii.	It should enable content filtering and search tools to easily locate the content.	
iv.	It should be possible to create the playlist covering different media files and specify play duration or repeat frequency for each content.	
v.	It should be possible to schedule one or more playlists as per requirement defining the recurrence, time duration, start time-end time, start date and end date, day of the week, etc.	
vi.	System should support display of different contents like image, video, text, live stream, HTML, etc. with common media formats like JPEG, PNG, MP4, MKV, MPEG, AVI, HTML, CSS, JS, PDF, etc.	
vii.	System should allow playback of content directly from browser	
viii.	It should be possible to assign the playlist to one or more ODDB along with scheduling functionalities like start date, end date, recurrence, play time duration, duration in days, day of the week, etc.	
ix.	In case the ODDB is divided into multiple blocks, it should be possible to manage the content at block level as per above.	
x.	The application should have calendar functionality to view and manage the time slots along with content. It should be possible to use the existing content playlist and with necessary modification to create new playlist or schedule.	
xi.	The application should have capability to group multiple ODDB and to assign them to specific user for content management.	
xii.	The content template/playlist/layout once prepared by content creator user should be sent for approval of content approver/publisher.	
xiii.	Users should be able to preview and playback the content.	
xiv.	It should be possible to select a playlist or layout, choose the ODDB or group of ODDBs required to update, and publish it for immediate playback or at a future date and time.	
xv.	The content once approved by content approver/publisher should be synchronised with respective one or more ODDB(s).	
xvi.	To optimally utilise the storage, at centralised as well as at ODDB level, media file once created, the reference of the same should be used in creating different playlists instead of creating multiple copies of the same media.	
xvii.	It should be possible to override the display of one/multiple/all ODDBs in case of emergency or any other requirement by designated user/super user.	
xviii.	To optimally utilise the network bandwidth, the central application should have details of the existing content/media files availability at each ODDB to ensure that only the new or modified or missing files are transferred to respective ODDB in case of change in playlist or schedule.	

#	Functional Requirements	Bidder Compliance (Yes/No)
xix.	The system should have provision for offline content transfer to ODDB.	
xx.	Necessary security measures must be taken so that the unauthorised access of ODDB or system is prevented, and it is ensured that only the users with appropriate rights can access the system and only the approved content is played.	
xxi.	The system should allow to design the content in terms of defining the transition effects, text, graphics, sound and video, time, ticker, etc.	
xxii.	The system should have support for English, Gujarati, Hindi and other languages with Unicode font support.	
xxiii.	It should be possible to pause the specific content from being played from one or more or all ODDBs.	
xxiv.	It should be possible to unpublish any content from one or more or all ODDBs.	
xxv.	It should be possible to define content for fallback loop in case no other content is scheduled for playback.	
xxvi.	The application should have facility to browse and upload the content.	
7.	**Others**	
i.	It should be possible to remotely manage the media player with basic tasks like restart, send and receive files, install updated, etc.	
ii.	It should be possible to schedule the maintenance task during non-peak/lean hours.	
iii.	Local media player should store information on uptime, downtime and the content played at respective ODDB and synchronise the same with centralise server.	
iv.	It should be possible to capture the live feed (with both audio and video) utilising the software or hardware capability and publish the same in real-time to one or more ODDB.	
v.	It should have the option to include content from remote dynamic sources in real time. This function allows you to automatically broadcast news and other content live, updating it through the web.	
vi.	Provision to display public interest information: traffic information, alerts, detours or delays for road works, parking availability and any other information.	
vii.	The media players should be able to scale down or scale up the content according to the resolution or as per user requirement.	
viii.	System should have multisession and single session support.	
ix.	System should have capability to revoke an ongoing session.	
x.	There should be provision to transfer the data in realtime and in case of network unavailability or power outage the data should be transferred as soon as connectivity is restored or power is resumed.	
xi.	The data transfer should be intelligent and efficient with a view to minimize the bandwidth requirements.	
xii.	The solution must have centralized application and database.	
xiii.	All the ODDB should be controlled from central console.	
xiv.	The console should indicate the status of each and every ODDB along with last reporting time.	
xv.	The solution should have capability to integrate with Email and SMS gateway to send Email and SMS. SSCDL/SMC will provide email and	

#	Functional Requirements	Bidder Compliance (Yes/No)
	SMS gateway with necessary api. SMS and Email gateway integration will be the responsibility of bidder.	
xvi.	The solution should be scalable and should not have any restrictions on number of users using the solution, number of ODDBs managed and number of advertising agencies.	
xvii.	There should be provision for integration of ODDB with other systems for display of content/information either in real-time or as per requirement.	
xviii.	Necessary SDK/APIs for the integration with the devices should be provided.	
xix.	The application console should be compatible with popular browsers (Chrome, Firefox and Edge).	
8.	**Reports**	
i.	It should be possible to generate various report w.r.t. utilisation of ODDB, the content played, agency wise airtime, downtime, etc.	
ii.	Report for a given ODDB or group of ODDB based on zone/content category/content type/advertisement agency/advertiser agency/time slot/day of the week/etc. for content played or scheduled for playing for a given date range with necessary report parameters.	
iii.	Report for a given media/content that was played or scheduled for playing on one or more ODDB for a given date range.	
iv.	Proof of play report.	
v.	Report for a given advertiser whose content is played or planned for play for a given date range on a specific ODDB or multiple ODDB.	
vi.	Uptime and downtime report for a given ODDB or multiple ODDB selected based multilevel filter based on zone, ward, advertisement agency, advertiser agency, time slot, day of the week, etc.	
vii.	Option to include or exclude the partially played content.	
viii.	Facility to schedule the report and email to designated recipient.	
ix.	ODDB dashboard should provide real-time view of the status of each ODDB covering critical parameters like whether screens are ON, whether content is being played, last time for content synchronisation, health condition of ODDB (temperature, memory, etc.)	
x.	Should have various sorting and selection features available to generate the reports i.e. ODDB wise, Location wise, Zone Wise, Advertising Agency Wise, Content wise, Content Category wise, etc.	
xi.	Each report should have option to generate report for a current day, past week, past month, given day and specific date range (from date – to date).	
xii.	Reports should be available in the form of HTML, PDF, Excel, CSV, etc	
9.	**Database**	
i.	Software must be based on leading and proven RDBMS. The RDBMS must be either MS SQL, Oracle, Postgres or MySQL	
ii.	The selected bidder shall be required to bring the license of the RDBMS suitable with their solution.	
iii.	The selected bidder shall be required to install, configure and maintain the database during the contract period.	
iv.	The database credentials must be shared with Surat Municipal Corporation.	

#	Functional Requirements	Bidder Compliance (Yes/No)
v.	Daily/periodic Backup must be configured and stored properly for restoration of database in case of any issue with live database.	
10.	**Licensing**	
i.	The licensing should be per ODDB licensing with no limit on number of users using one or more ODDB under different roles like administrator, content creator, content publisher, etc.	
ii.	There should not be any restriction in terms of no. of entities defined for creation users like different advertisement agencies managing one or group of ODDBs.	
iii.	There should not be any restriction in terms of zones/frames per ODDB or the no. of media, size of media, no. of playlists, etc.	

Annexure VI

14.1. Video Wall Screen

The Video Wall for CCC shall be configured with 14 x 4 matrix formation of the following Professional Display (TV) Screens of DELTA/BARCO/CHRISTIE/PLANAR/NEC/MITSUIBISHI make.

#	Parameter	Minimum Specifications	Compliance (Yes/No)	Remarks, if any
1.	Technology	DLP Display suitable for use in video wall		
2.	Screen Size	70" or higher (14x4 matrix)		
3.	Projection	Rear Projection		
4.	Access	Rear Access		
5.	Light Source	Laser		
6.	Lifetime of Light Source	Minimum 1,00,000 hrs. in eco mode		
7.	Resolution	1920 x 1080 Full high definition (1080p) 16:9 Widescreen or 16:10		
8.	Brightness	Minimum 1700 lumens (ANSI) or Minimum onscreen 500 Cd/m2		
9.	Brightness Uniformity	≥ 95 %		
10.	Response time	8ms		
11.	Power Supply	Dual /redundant power supply		
12.	Screen to Screen Gap	≤ 1 mm at all temperature/humidity conditions		
13.	Input	HDMI and other inputs as per Video Wall solution offered		
14.	Control	- On Screen Display (OSD) - IR remote control (Desirable)		
15.	Chip Type	Single chip DLP		
16.	Operations	24 x 7		
17.	General	All the components/parts/assembly which we shall supply on award of contract shall be original new components/ parts/ assembly and that no refurbished/ duplicate/second-hand components/parts/ assembly shall be used.		
18.	Specify the proposed Make			
19.	Specify the proposed Model No			

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14.46. Outdoor Digital Display Board I (15 ft. x 6 ft.)

#	Parameters	Minimum Specification	Compliance (Yes/No)	Remarks, if any
1.		To supply Full Colour LED Displays with Controller, Power Distribution Unit, Auto Brightness Controller, Power cables and signal cables		
2.	LED Type	SMD 3 in 1		
3.	Pixel Pitch	6 mm		
4.	Pixel Density	Minimum 15,000 dots/m2		
5.	ODDB Size	Minimum 15 ft x 6 ft (WxH)		
6.	Color Type	Real Full Color		
7.	Brightness	Brightness: Minimum 6000 cd/ m² or better		
8.	Contrast Ratio	Minimum 3000:1		
9.	Flicker	No visible flicker to naked eye.		
10.	Viewing Angle	Viewing angle shall ensure readability covering maximum area for approach side Horizontal: >= 140 degree Vertical: >= 90 degree		
11.	Picture Display	a. Synchronized Dot to Dot display. b. Special frontal design to avoid reflection. c. Display shall be UV resistant		
12.	Grey Scale Processing	12 Bit or better		
13.	Ambient Operating Temperature	0° to + 50°C		
14.	Humidity	10% ~90% RH or better		
15.	LEDs Lifetime	>=100,000 Hours (half brightness)		
16.	LED Processor Capacity	Minimum 2.3 million pixels		
17.	Protection	Protection for Overvoltage and fluctuation to be incorporated		
18.	Power Socket	The enclosure shall contain at least two 15 Amp VAC (industrial grade) outlet socket for maintenance purpose.		
19.	Interface/Port	RJ45/FC port/RS232/RS485. SI has to ensure data communication between all the necessary devices, as required.		
20.		a. IP 54 for whole cabinet		

#	Parameters	Minimum Specification	Compliance (Yes/No)	Remarks, if any
	Ingress Protection Rating	b. IP 65 for Front side		
21.	Luminance Control & auto Diming	Should be automatically provide different luminance levels and shall also be controllable from the Command center using software.		
		Auto dimming capability to adjust to ambient light level (sensor based automatic control)		
		Photoelectric sensor to measure ambient light. Capable of being continually exposed to direct sunlight without impairment of performance.		
22.	Cabinet Material & Frame Material	Aluminium or MS with Anti Corrosive Paint		
23.	Self-Test	a. Display shall have self-test diagnostic feature to test for correct operation.		
		b. Display driver boards shall test the status of all display cells in the sign even when Light Emitting diodes are not illuminated.		
		c. All periodic self-test results shall be relayed to the command center in real time to update the status of the Digital Display Board		
24.	Alarms	a. Door Open sensor to Inform Control room during unauthorized access		
		b. LED Pixel failure detection alarm (Desirable)		
25.	Mounting, Installation and finishes	a. Mounting structure shall be of appropriate height of GI Pole (Class B) or suitable structure with 5.5 mtr of minimum vertical clearance from the ground surface.		
		b. The mounting shall be capable of withstanding road side vibrations at site of installation.		
		c. It shall be provided with suitable half walkway for maintenance access.		
		d. The side interior and rear of outer enclosures shall be provided in Aluminium		

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#	Parameters	Minimum Specification	Compliance (Yes/No)	Remarks, if any
		Composite Panel (ACP). The bidder is required to provide the colour for the enclosure as per the colour suggestions from the SMC/SSCDL. All enclosure shall be flat and wipe clean.		
		e. Locking mechanism should be provided for onsite enclosures and cabinets.		
		f. For Structural safety, the successful bidder has to provide structural safety certificate from qualified structural engineers approved/ certified by Govt. Agency.		
26.	Wind Load	WL9 as per EN12966 to withstand high wind speeds and its own load		
27.	Cabling, connections and Labelling.	a. All cable conductors shall be of high-quality standard to ensure safety and performance. It shall be securely fastened, grouped, wherever possible, using tie warps approximately every 10-20 cms. on cable trays.		
		b. All cables shall be clearly labelled with indelible indication that can clearly be identified by maintenance personnel using "As built drawings".		
		c. Lightening arrester shall be installed for safety on each ODDB.		
		d. Electrical Earthing should be done as per IS-3043 standard		
28.	Other	**Display Controller:** The Display Controller of appropriate specification required to configure and manage the ODDB to meet optimum performance and SLAs of RFP.		
		Communication Interface Device: Necessary Communication Interface device required as part of the solution should be provided for each ODDB.		

#	Parameters	Minimum Specification	Compliance (Yes/No)	Remarks, if any
		Offered product model should be available on OEMs web site. Link of offered model –OEM website to submit along with technical bid.		
29.	Certifications	CE, FCC, BIS certification		
30.	Warranty	Five (5) years on-site back to back comprehensive warranty		
31.	General	All the components/parts/assembly which we shall supply on award of contract shall be original new components/ parts/ assembly and that no refurbished/ duplicate/second-hand components/parts/ assembly shall be used.		
32.	Specify the proposed Make			
33.	Specify the proposed Model No			