



**Surat  
Municipal  
Corporation**

**ADDENDUM & CORRIGENDUM-8**

**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**



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-8  
RFP Notification No.: SSCDL-ICCC-RFP-02-2020**

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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.**

**ADDENDUM & CORRIGENDUM-8: Selection of Implementing Agency for Integrated Command Control Center (ICCC) and Outdoor Digital Display Board (ODDB) in Surat [RFP No.: SSCDL-ICCC-RFP-05-2020]**



#	Section No.	Page No.	Section Name	Reference in RFP/Addendum & Corrigendum No.	Existing Clause	Amended/New Clause
1.	12.3	-	Commercial Bid Format	New Table Added		Please refer to <b>Annexure-A</b> for H5. 4K VIDEO WALL WITH 5 YEARS OF WARRANTY SUPPORT FROM THE DATE OF GOLIVE commercial bid format
2.	14	-	Annexure II – Technical requirements for ICT Components	New Specification Added	-	Please refer to <b>Annexure-B</b> for technical specification of below mentioned new components:  14.63. 4K Video Wall Screen 14. 64. Video Wall Controller (From same Video wall OEM) for 4k Video Wall 14.65. 4K Video Wall Management Software

## Annexure-A

### **H5. 4K VIDEO WALL WITH 5 YEARS OF WARRANTY SUPPORT FROM THE DATE OF GOLIVE**

H5. 4k VIDEO WALL WITH 5 YEARS OF WARRANTY SUPPORT							
#	Description	Unit of Measurement	Qty	Unit Rate (w/o GST) in INR	Total w/o GST in INR	Applicable GST	Total with GST in INR
			A	B	C=A*B	G1%	D=C*(G1+100) %
SITC of IT Hardware Components for ICCC							
1	4K Video Wall Cubes- 70/72" DLP (2 video walls of 14 X 4 matrix)	Number	112				
2	Network based Video Wall Controller for 4K Video Wall (for 60 inputs and 60 outputs)	Number	2				
3	4K Video Wall Monitoring Software	Number	1				
<b>Total (INR)- Without GST</b>							
<b>Total (INR)- With GST</b>							

**Note:**

- **It is not mandatory to quote for “4k VIDEO WALL WITH 5 YEARS OF WARRANTY SUPPORT” and allied components as per Table-H5 above.**
- If the bidder has quoted both video wall models (i.e. Full HD and 4K), the video Wall solution with the lowest value will be considered for evaluation.
- If the selected bidder has offered the 4k Video Wall Solution by quoting price in Table-H5, SSCDL/SMC on its own discretion may consider opting 4k Video Wall Cubes instead of Full HD Cubes.

## Annexure-B

### 14.63. 4K Video Wall Screen

The 4K 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/ MITSUBISHI 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	3840 X 2160 4k resolution (2160p) 16:9 Widescreen or 16:10		
8.	Brightness	Minimum 1700 lumens (ANSI) or Minimum onscreen 500 Cd/m <sup>2</sup>		
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			

#	Parameter	Minimum Specifications	Compliance (Yes/No)	Remarks, if any
19.	Specify the proposed Model No			

Note: For this product Bidder to provide the Bidder's Compliance, OEM's Compliance, Datasheet and MAF as per for PQ\_10 format.

### **14.64. Video Wall Controller (From same Video Wall OEM) for 4k Video Wall**

#	Parameters	Minimum Requirements	Compliance (Yes/No)	Remarks, if any
<b>Display Processor</b>				
1.	Features	Supports output up to 3840 X 2160 resolution with 60fps		
		Supports H.264/H.265 decoding immediately		
		Supports up to 64 windows per display		
		Supports Multicasting Windows		
2.	Output	HDMI 1.3, Channel -1, Color depth 8/10 bit		
3.	Image processing	High tap filter for image scaling		
		Accurate synchronization for display wall		
		Support H.264/H.265/MPEG4 decoding		
		Up to 64 free window per display		
		Window title with vector texts		
	Bezel-compensation and overlap			
4.	Network	1000 MB network with redundancy		
		Should support POE (Desirable)		
		Supports protocol - DHCP, UDP, TCP/IP		
		Supports Static IP & Automatic IP		
5.	MTBF	more than 100,000 hours		
6.	Interface	HDMI /DVI-D, RS 232x1, USB x 2, RJ-45 x 2, BNC-F*2 Sync In/Out		
7.	Operating Range	Temperature: 0-40 degree Centigrade, Humidity - 10 to 90% non-condensing		
8.	LED indicator	LED indicators for Power, Status, Network.		

#	Parameters	Minimum Requirements	Compliance (Yes/No)	Remarks, if any
9.	Specify the proposed Make	Make should be same of Video wall display		
10.	Specify the proposed Model No			
<b>HD Input Processor</b>				
11.	Features	Captures signals up to 3840 X 2160 resolution with 60fps		
		Supports four windows at any position and in any size		
		Supports to loopback progressive VGA or HDMI input signal		
		Supports Multicasting Windows		
		Supports Power-on-Ethernet (Desirable)		
		Supports KVM		
12.	Input	DVI -I, Channel -1, Color depth 8 bit		
13.	Output	HDMI 1.3, Channel -1		
14.	Network	1000 MB network with redundancy		
		Should support POE (Desirable)		
		Supports protocol - DHCP, UDP, TCP/IP		
		Supports Static IP & Automatic IP		
15.	Image processing	High tap filter for image scaling		
		Accurate synchronization for display wall		
		Support 4 window simultaneously		
		Supports windows multicasting		
16.	LED indicator	LED indicators for Power, Status, Network.		
17.	Operating Range	Temperature: 0-40 degree Centigrade, Humidity - 10 to 90% non-condensing		
18.	MTBF	more than 100,000 hours		
19.	Interface	HDMI Type A /DVI-I Type A/DVID/DP, RS 232 (DB 9), USB x 2, RJ-45 x 2		
20.	Specify the proposed Make	Make should be same of Video wall display		

#	Parameters	Minimum Requirements	Compliance (Yes/No)	Remarks, if any
21.	Specify the proposed Model No			
<b>Video Wall Solution</b>				
22	Features	<ul style="list-style-type: none"> <li>• Each input source (workstation or direct) shall be connected with an individual encoder device using HDMI/DVI/Display cable.</li> <li>• Each video wall cube to be connected to the decoder individually without looping. Maximum 4 video wall cubes can be connected with one decoder.</li> <li>• The encoder and decoder shall be connected using separate network cable to the dedicated network created for video wall.</li> <li>• Capability to project one or more input sources (workstation or direct) on the entire or part of the video wall or on single cube.</li> <li>• Apart from decoders required to connect 56 video wall cubes, four number of decoders with minimum 1 output to be provided separately to project content from video wall solution to other output devices like LED TV, projector, etc</li> </ul>		
<b>Server Specifications</b>				
23	CPU	Core 2 Duo 2.4 GHz or above		
24	Memory	16 GB or above		
25	Network	2*1 GbE LAN		
26	OS	Windows Server 2008/2010 or latest		
27	HDD	2*1TB SAS HDD with RAID – 1 configuration		
28	Specify the proposed Make			
29	Specify the proposed Model No			



Note: For this product Bidder to provide the Bidder’s Compliance, OEM’s Compliance, Datasheet and MAF as per for PQ\_10 format.

### 14.65. 4K Video Wall Management Software

#	Functionality	Compliance (Yes/No)	Remarks, if any
1.	Ability to pre-configure and store various display layouts and access them at any time with a simple mouse click.		
2.	Ability to display multiple sources anywhere on video wall in any size.		
3.	Ability to configure display layouts in real time without reboot.		
4.	Ability to create the display layout in background without interrupting the live display.		
5.	Ability to create and store different profiles defining one or more source and size for different scenarios.		
6.	Application must be GUI based with easy to use and configure interface.		
7.	Ability to control the Wall Monitoring System through remote PC connected by LAN		
8.	Ability to share the layouts over LAN/WAN Network with display in Meeting room or on Remote Workstations connected on LAN/WAN Network		
9.	Ability to display the screen content of the desktop / workstation connected with the Display Controller on the Display wall.		
10.	The wall management software should support open APIs/ Command list / RS232 command to enable system integrators to integrate it with their Software or other 3 <sup>rd</sup> party devices to control the system.		
11.	Ability to centrally manage configuration parameters.		
12.	Ability to schedule backup and restore the configuration parameters.		
13.	Ability to Drag and Drop of sources.		
14.	Ability to create event log of user access with time stamp.		
15.	Role based user creation and management.		

Note: For this product Bidder to provide the Bidder’s Compliance, OEM’s Compliance, Datasheet and MAF as per for PQ\_10 format.