

### ADDENDUM AND CORRIGENDUM-1





#### Name of the work: - Bid for Supply, Installation & Configuration of video Conferencing Equipments [SSCDL-Network-04-2020]

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

- This Addendum and Corrigendum-1 shall be the part of the bid documents.
- All items specified in this Addendum and Corrigendum-1 supersede relevant items to that effect as provided in the original bid documents. All other specifications, terms and conditions of the original bid document shall remain unchanged.
- The queries raised and given by bidders, but the clarifications are not made in this Addendum and Corrigendum-1 shall be considered to remain unchanged as per the terms and conditions mentioned in the original bid documents.
- **The bidders who have already submitted Technical and/or Price bid need to resubmit them.**

Highlighted Colour	What does it indicate?
No highlight	Indicates content as per original RFP document
Highlighted in Yellow	Indicates amendment as per this Addendum and Corrigendum

**Bidders shall read and consider following points, which shall be a part of the bid documents.**

Sr. No.	Tender Reference	Existing Clause	Amended / New Clause
1.	Notice Inviting Bid Page-2	 <p><b>Surat Smart City Development Limited (SSCDL)</b> 1st Floor, South Zone Office, Surat Municipal Corporation, Opp. Satyanagar, Udhna, Surat-394210.</p> <p><b>Bid for Supply, Installation &amp; Configuration of video Conferencing Equipments [SSCDL-Network-04-2020]</b></p> 	 <p><b>Surat Smart City Development Limited (SSCDL)</b> 1st Floor, South Zone Office, Surat Municipal Corporation, Opp. Satyanagar, Udhna, Surat-394210.</p> <p><b>Bid for Supply, Installation &amp; Configuration of video Conferencing Equipments [SSCDL-Network-04-2020]</b></p> 
		<p>Bid for Supply, Installation &amp; Configuration of Video Conferencing Equipments is being published by Surat Smart City Development Ltd (SSCDL) online on <a href="https://smc.nprocure.com">https://smc.nprocure.com</a> from the bidder meeting the basic eligibility criteria as stated in the bid document.</p> <hr/> <p>Bid Fee (Non-refundable) • Rs. 1,680/- (Rs. 1,500/- + 12% GST) (by DD or Banker's Cheque only)</p> <hr/> <p>EMD • Rs. 30,000/- (by DD or Banker's Cheque only)</p> <hr/> <p>Last date to submit the Online Pre-Bid Queries • Bidders shall have to post queries by email to <a href="mailto:ceo@suratsmartcity.com">ceo@suratsmartcity.com</a> on or before</p>	<p>Bid for Supply, Installation &amp; Configuration of Video Conferencing Equipments is being published by Surat Smart City Development Ltd (SSCDL) online on <a href="https://smc.nprocure.com">https://smc.nprocure.com</a> from the bidder meeting the basic eligibility criteria as stated in the bid document.</p> <hr/> <p>Bid Fee (Non-refundable) • Rs. 1,680/- (Rs. 1,500/- + 12% GST) (by DD or Banker's Cheque only)</p> <hr/> <p>EMD • Rs. 30,000/- (by DD or Banker's Cheque only)</p> <hr/> <p>Last date to submit the Online Pre-Bid Queries • Bidders shall have to post queries by email to <a href="mailto:ceo@suratsmartcity.com">ceo@suratsmartcity.com</a> on or before</p>

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3.	2.11 Sealing, marking and submission of the Bid Fee, EMD: Page no. 9	<p>Following documents shall only be submitted in Hard Copy to Surat Smart City Development Limited/SMC by the bidder:</p> <ul style="list-style-type: none"> <li>- Earnest Money Deposit (EMD)</li> <li>- Bid Fee</li> </ul> <p>The "Bid Fee, EMD" shall be put in an envelope containing Bid Fee, Earnest Money Deposit (EMD) and shall be super scribed as "<b>Bid Fee, EMD</b>"</p> <p>The envelope must be sealed and super scribed and must be sent as under:</p> <table border="1"> <thead> <tr> <th colspan="2">Details to be mentioned exactly on sealed envelop</th> </tr> </thead> <tbody> <tr> <td> <b>TENDER DETAILS</b> <ul style="list-style-type: none"> <li>• Notice No.: SSCDL-Network-04-2020</li> <li>• Bid for Supply, Installation, &amp; Configuration of Video Conferencing Equipments.</li> <li>• Last date of Online Submission: <b>08/09/2020</b> up to 18:00 hrs.</li> <li>• Last date of Physical Submission: <b>15/09/2020</b> up to 18:00 hrs.</li> </ul> </td> <td>                     To,  <b>The Chief Accountant,</b>  <b>Surat Municipal Corporation,</b>                      Mahanagar Seva Sadan,                      Gordhandas Chokhawala Marg,                      Muglisara, Surat - 395 003,                      Gujarat, INDIA.                 </td> </tr> </tbody> </table> <p>The envelope containing EMD, Bid Fee must be sent <b>strictly by Postal Speed Post or Registered Post AD</b> only so as to reach on or before <b>15/09/2020 up to 18:00 hrs.</b></p> <p><b>Bids received in any other manner or mode (like courier, in person, etc.) will not be considered. SSCDL/SMC won't be responsible for postal delays.</b></p> <p><b>TECHNICAL BID &amp; PRICE BID</b></p>	Details to be mentioned exactly on sealed envelop		<b>TENDER DETAILS</b> <ul style="list-style-type: none"> <li>• Notice No.: SSCDL-Network-04-2020</li> <li>• Bid for Supply, Installation, &amp; Configuration of Video Conferencing Equipments.</li> <li>• Last date of Online Submission: <b>08/09/2020</b> up to 18:00 hrs.</li> <li>• Last date of Physical Submission: <b>15/09/2020</b> up to 18:00 hrs.</li> </ul>	To, <b>The Chief Accountant,</b> <b>Surat Municipal Corporation,</b> Mahanagar Seva Sadan, Gordhandas Chokhawala Marg, Muglisara, Surat - 395 003, Gujarat, INDIA.	<p>Following documents shall only be submitted in Hard Copy to Surat Smart City Development Limited/SMC by the bidder:</p> <ul style="list-style-type: none"> <li>- Earnest Money Deposit (EMD)</li> <li>- Bid Fee</li> </ul> <p>The "Bid Fee, EMD" shall be put in an envelope containing Bid Fee, Earnest Money Deposit (EMD) and shall be super scribed as "<b>Bid Fee, EMD</b>"</p> <p>The envelope must be sealed and super scribed and must be sent as under:</p> <table border="1"> <thead> <tr> <th colspan="2">Details to be mentioned exactly on sealed envelop</th> </tr> </thead> <tbody> <tr> <td> <b>TENDER DETAILS</b> <ul style="list-style-type: none"> <li>• Notice No.: SSCDL-Network-04-2020</li> <li>• Bid for Supply, Installation, &amp; Configuration of Video Conferencing Equipments.</li> <li>• Last date of Online Submission: <b>10/09/2020</b> up to 18:00 hrs.</li> <li>• Last date of Physical Submission: <b>17/09/2020</b> up to 18:00 hrs.</li> </ul> </td> <td>                     To,  <b>The Chief Accountant,</b>  <b>Surat Municipal Corporation,</b>                      Mahanagar Seva Sadan,                      Gordhandas Chokhawala Marg,                      Muglisara, Surat - 395 003,                      Gujarat, INDIA.                 </td> </tr> </tbody> </table> <p>The envelope containing EMD, Bid Fee must be sent <b>strictly by Postal Speed Post or Registered Post AD</b> only so as to reach on or before <b>17/09/2020 up to 18:00 hrs.</b></p> <p><b>Bids received in any other manner or mode (like courier, in person, etc.) will not be considered. SSCDL/SMC won't be responsible for postal delays.</b></p>	Details to be mentioned exactly on sealed envelop		<b>TENDER DETAILS</b> <ul style="list-style-type: none"> <li>• Notice No.: SSCDL-Network-04-2020</li> <li>• Bid for Supply, Installation, &amp; Configuration of Video Conferencing Equipments.</li> <li>• Last date of Online Submission: <b>10/09/2020</b> up to 18:00 hrs.</li> <li>• Last date of Physical Submission: <b>17/09/2020</b> up to 18:00 hrs.</li> </ul>	To, <b>The Chief Accountant,</b> <b>Surat Municipal Corporation,</b> Mahanagar Seva Sadan, Gordhandas Chokhawala Marg, Muglisara, Surat - 395 003, Gujarat, INDIA.								
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Place :

Signature of Authorized Person

Date :

Designation :

Company stamp :

Name :

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**Section-6: Technical Specifications of original bid document shall be read and replaced as under:  
(Note: The Technical Specifications are to be provided as per the below revised table only.)**

## 6. Technical (minimum) Specification

- The Bidder may participate in the bid by quoting for one, more or all the items depending on his techno-commercial capability to supply & support that range of products. Bidders are required to mention Make & Model of the product.
- The bidder can quote only one option (i.e. only one product can be quoted) against each item meeting or exceeding the below mentioned minimum specification.
- The bidder must clearly specify the features of the offered product vis-à-vis specification and deviation if any in the Column-C and Column-D of Table-I respectively.
- The exact make and model of the product offered must be specified in the Table-II provided.
- The technical spec sheet and the product brochure of the product offered should also be submitted along with technical bid.
- In case the space provided is not enough then a separate paper as per the format below can be annexed to the bid. The same must be duly signed and stamped.
- The Technical Specification Sheet must be submitted separately on OEM's letter head as well as on Bidder's letter head (for all items). The same must be duly signed and stamped by authorized person of respective entity.

Table-1			
Item	Description and Minimum Specification	Compliance [Yes/No]	Deviation from Specification /Remarks if Any
A	B	C	D
I	<b>Video Conferencing Equipment (Codec with Camera &amp; Mic)</b> (Make: _____) (Model: _____)		
1	<b>Primary PTZ Camera</b>		
	2-megapixel PTZ camera		
	Zoom:18 X total zoom (including 12 X Optical zoom)		
	Pan: +/-100°		
	Tilt:+25°/-25		
	Horizontal angle of view 70° (Wide end) - 6° (Tele end) Vertical angle of view 40° (Wide end) - 3.5° (Tele end)		
	Camera should support Upside-Down feature, de-noise/noise suppression feature, min. 9 Presets, Auto focus / Exposure / White balance, FECC.		
	<b>Video Resolution:</b> up to full HD 1080P(1980 x 1080) at 30 fps		
2	<b>Codec Functionality</b>		
	<b>Content Sharing Resolution:</b> up to 1080P(1980 x 1080) at 30 fps		
	<b>Support for External Secondary Camera</b> Codec should support any HDMI camera as a secondary camera.		
	Codec should have provision for connecting the camera proposed at Item No. II along with provision to control the same through remote control of the codec.		

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<p><b>Simultaneous Transmission:</b> Codec should support simultaneous transmission of multiple feed through camera (both primary and secondary camera) and presentation source in side-by-side or picture-in-picture mode.</p>		
<p><b>MCU:</b> Built in MCU with license to connect minimum 15 sites in video conference.</p>		
<p><b>Video Standards Support</b></p> <ul style="list-style-type: none"> <li>• H.264, H.264 HP, H.263+, H.263</li> <li>• Dual video streams: H.239(H.323) BFCP(SIP)</li> <li>• Forward Error Correction (FEC)</li> <li>• RTMP for live video streaming (optional)</li> </ul>		
<p><b>Video inputs:</b></p> <ul style="list-style-type: none"> <li>• Primary PTZ camera</li> <li>• HDMI or USB for Secondary camera</li> <li>• HDMI or DVI for presentation</li> </ul>		
<p><b>Video outputs:</b> Minimum 2 output with one HDMI port and other HDMI or VGA port</p>		
<p><b>Audio Standards Support:</b> min. G.711, G.722</p>		
<p><b>Audio inputs:</b> microphone daisy chain up to 4, HDMI, Line-in (3.5 mm)</p>		
<p><b>Audio output:</b> HDMI, Line-out (3.5 mm)</p>		
<p><b>Communications</b></p> <ul style="list-style-type: none"> <li>• H.323, SIP standards, SIP TLS</li> <li>• Microsoft Teams (optional)</li> <li>• WebRTC (optional)</li> </ul>		
<p><b>Network &amp; other interface</b></p> <ul style="list-style-type: none"> <li>• 10/100/1000Mbps</li> <li>• NAT/firewall traversal</li> <li>• IPv4 and IPv6 support</li> <li>• Network Test</li> <li>• Quality of service (QoS)</li> <li>• Manual bandwidth settings</li> <li>• VLAN (802.1Q / 802.1P)</li> <li>• EAP 802.1x</li> <li>• Wake-on-LAN (WOL) support (optional)</li> <li>• USB port for direct recording using pen drive/HDD</li> </ul>		
<p><b>Security</b></p> <ul style="list-style-type: none"> <li>• AES (Advanced Encryption Standard) function (128-bit)</li> <li>• Password protection for system settings</li> <li>• Password protection for remote system management</li> </ul>		
<p><b>Web Management Tool</b></p> <ul style="list-style-type: none"> <li>• Remote management</li> <li>• Live monitoring</li> <li>• Firmware update</li> <li>• Phonebook download/upload/edit</li> <li>• Restore system settings</li> <li>• Export call history</li> </ul>		

	<p><b>Recording</b></p> <ul style="list-style-type: none"> <li>Recording of Video conferencing session including video, audio and shared content.</li> <li>Should support Snapshot feature.</li> <li>Should support external storage devices like USB flash drive / USB HDD for recording.</li> <li>External Playback: Software should be supplied along with the codec to playback recorded videos in Laptop / Desktop.</li> </ul>		
	<p><b>Gatekeeper:</b> Codec has H.323 gatekeeper setting for video conferencing through H.323 protocol.</p>		
	<p><b>SIP server (optional):</b> Built-in SIP server (Up to 100 Registrations, 50 Pair calling) &amp; Supports SIP voice calls also. SIP Client software shall be provided along with the codec from OEM to do Video call within themselves without affecting video conferencing session.</p>		
	<p><b>Live Streaming (optional):</b> Should support RTMP Live streaming to any third party Streaming Server. (e.g. Youtube, Facebook etc.)</p>		
	<p><b>Codec Remote Control:</b> Codec should be controlled from Remote control.</p>		
3	<p><b>Microphone:</b> Microphone pickup range of minimum 4 meter, daisy chain up to 4</p>		
4	<p><b>Warranty:</b> Minimum <b>5 Years OEM Comprehensive</b> Replacement warranty with onsite support &amp; subscription of all modules/software/components if any required to utilize the product/solution with above all features enabled.</p>		
5	<p><b>Min. Package contents:</b></p> <ul style="list-style-type: none"> <li>Main system unit (codec) (As described above)</li> <li>Primary Camera (As described above)</li> <li>microphone array (As described above)</li> <li>IR remote control with batteries</li> <li>Power Cord (Indian standard: AC 100V ~ 240V)</li> <li>VGA cable</li> <li>Camera cable</li> <li>Microphone cable</li> <li>Network cable</li> <li>HDMI cable X 2</li> <li>DVI to HDMI Converter</li> <li>DVI to VGA Converter</li> <li>HDMI to VGA Converter</li> <li>Warranty card</li> </ul> <p><b>Note :</b> If required accessories are not part of standard package, bidder needs to provide the remaining item as per minimum package content.</p>		
<b>II</b>	<p><b>Video Conferencing HDMI Camera</b>                  (Make: _____ )                  (Model: _____ )</p>		
1	<p><b>Camera features</b></p>		
	2-megapixel PTZ camera		
	Minimum 9 camera presets (through remote control)		
	<b>Zoom:</b> 18 X total zoom (including 12 X Optical zoom)		
	Horizontal angle of view 70° (Wide end) - 6° (Tele end)		
	Vertical angle of view 40° (Wide end) - 3.5° (Tele end)		
	F1.8 (Wide end) - F2.8 (Tele end)		
	<b>Pan:</b> ±130°		

Duly Sign & Stamp

Bid for Supply, Installation & Configuration of video Conferencing Equipments [SSCDL-Network-04-2020]

	<p><b>Tilt:</b> +90° (up) -25° (down)</p> <p>Support image Mirror, flip, AE, white balance</p>		
2	<p><b>Video features:</b></p> <ul style="list-style-type: none"> <li>Support for min. video compression format of H.264.</li> <li>Min. Resolution: Full HD (1920*1080), HD (1280*720), VGA (640*480) at 30, 15 fps</li> </ul>		
3	<p><b>Ports &amp; Communication:</b></p> <ul style="list-style-type: none"> <li>USB port (backward compatible with USB 2.0)</li> <li>UVC (USB video class) 1.1</li> <li>HDMI (Up to 1080p 30fps)</li> </ul>		
4	<p><b>Min. Package Contents:</b></p> <ul style="list-style-type: none"> <li>Camera (As described above)</li> <li>Remote control (IR (Infrared), min. 9 camera presets)</li> <li>USB type-A connection cable</li> <li>Power Cord (Indian standard: AC 100V ~ 240V)</li> <li>Warranty card</li> <li>Tabletop/wall/ceiling mount kit</li> <li>HDMI cable</li> </ul> <p><b>Note :</b> If required accessories are not part of standard package, bidder needs to provide the remaining item as per minimum package content.</p>		
5	<p><b>Software:</b> OEM has to provide software for camera setting, camera control, firmware upgrade, diagnostic, live video view, etc. with perpetual license.</p>		
6	<p><b>Compatible applications:</b> Support for popular video conferencing application like Skype, Google Meet, Cisco Webex, Zoom, Microsoft Teams, Vidyo, etc.</p>		
7	<p>Proposed camera should also act as a secondary camera for connection with codec proposed under Item No. I.</p>		
8	<p><b>Warranty:</b> Minimum 5 Years OEM Comprehensive Replacement warranty with onsite support &amp; subscription of all modules/software/components if any required to utilize the product/solution with above all features enabled.</p>		
<p><b>III Video Conferencing USB Camera</b>  <b>(Make: _____)</b>  <b>(Model: _____)</b></p>			
1	<p><b>Camera features</b></p> <p>2-megapixel PTZ camera</p> <p>Minimum 9 camera presets (through remote control)</p> <p><b>Zoom:</b> 18 X total zoom (including 12 X Optical zoom)</p> <p><b>Pan:</b> ±130°</p> <p><b>Tilt:</b> +90°/-25°</p> <p>Horizontal angle of view 70° (Wide end) - 6° (Tele end)          Vertical angle of view 40° (Wide end) - 3.5° (Tele end)</p> <p>Support image Mirror, Flip, Backlight Compensation, de-noise/noise suppression feature, Auto Iris etc.</p>		
2	<p><b>Video features:</b></p> <ul style="list-style-type: none"> <li>Support for min. video compression format of H.264.</li> <li>Min. Resolution: Full HD (1920*1080), HD (1280*720), VGA (640*480) at 30, 15 fps.</li> </ul>		
3	<p><b>Ports &amp; Communication:</b></p> <ul style="list-style-type: none"> <li>USB port (backward compatible with USB 2.0)</li> <li>UVC (USB Video Class) 1.1 with H.264 extension</li> </ul>		

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Bid for Supply, Installation & Configuration of video Conferencing Equipments [SSCDL-Network-04-2020]



4	<p><b>Min. Package contents:</b></p> <ul style="list-style-type: none"> <li>• Camera (As described above)</li> <li>• Remote control (IR (Infrared), min. 9 camera presets)</li> <li>• USB type-A connection cable</li> <li>• Power Cord (Indian standard: AC 100V ~ 240V)</li> <li>• Tabletop/wall/ceiling mount kit</li> <li>• Warranty Card</li> </ul> <p><b>Note :</b> If required accessories are not part of standard package, bidder needs to provide the remaining item as per minimum package content.</p>		
5	<b>Software:</b> OEM has to provide software for camera setting, camera control, firmware upgrade, diagnostic, View live video etc.		
6	<b>Compatible applications:</b> Support for popular video conferencing application like Skype, Google Meet, Cisco Webex, Zoom, Microsoft Teams, Vidy, etc.		
7	<b>Warranty:</b> Minimum 5 Years OEM Comprehensive Replacement warranty with onsite support & subscription of all modules/software/components if any required to utilize the product/solution with above all features enabled.		
<b>IV</b>	<b>Video Conferencing Software</b>		
	<b>(Make: _____ )</b>		
	<b>(Name: _____ )</b>		
<b>#</b>	<b>Minimum Specification</b>		
1	Software being Virtual Video Conference Endpoint to connect video call through H.323 & SIP communication protocol & ensure to give high-quality video conferencing by clear Audio and Video.		
2	Software having SIP server-client setting for video conferencing through SIP protocol.		
3	Software having H.323 gatekeeper setting for video conferencing through H.323 protocol.		
4	Software having NAT and Firewall setting such that video conferencing can be done via intranet and internet.		
5	Software to communicate to any H.323 & SIP enabled video conferencing systems/devices.		
6	<ul style="list-style-type: none"> <li>• Connect with H.264/H.264 High Profile video codec</li> <li>• Receive resolution up to full HD 1080p 30fps</li> <li>• Transmit resolution up to full HD 1080p 30fps</li> <li>• Support content sharing, capture and recording</li> </ul>		
7	Software having perpetual/life time license for minimum 15 users/devices and must have support for windows based desktop/laptop for installation and operations.		

<b>Table-II: Summary of Products Proposed</b>		
<b>Item</b>	<b>Description</b>	<b>Make, Model, Part Code</b>
I	Video Conferencing Equipment (Codec with Camera & Mic)	
II	Video Conferencing HDMI Camera	
III	Video Conferencing USB Camera	
IV	Video Conferencing Software	

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Place:

Signature of Authorized Person:

Date:

Designation:

Company stamp:

Name:

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[SSCDL-Network-04-2020]