

Response to the Pre-bid Queries

Bid for Selection of Agency for providing live web streaming (audio, video, record, viewing & other services) on behalf of Office of the Chief Electoral Officer, Gandhinagar (Tender No. HWT121017470)

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Venders	Responses to Vendors
	Page No./Section No./ Clause No.	Tender Description		
1	Additional		When can we expect exact booth locations?	It has been discussed & clarified in the Pre-bid meeting.
2	Additional		The hardware camera specs are those final or small deviations having majority features intact would that work	As per RFP
3	Additional		Kindly share more details on interface required at all the centers where the feeds will be monitored	Bidder has to Decide
4	Additional		Kindly advise if we are looking at Mobile/Data-card bandwidth at all the polling booths or wired internet connection as with mobile/Data-card connection there is a possibility of network drops	You are free to use available connectivity. However you have to meet SLA
5	Additional		When will polling booths be given to us for installation?	Sufficient time will be given.
6	Additional		Is there any logistics support provided for last minute travel between centers?	As per RFP
7	Additional		How many human resources will be allowed in polling booths?	As per RFP
8	Additional		Would GIL release some advances, if yes, what percentage, if no, what will be net credit period	No
9	Additional		Can we bid for districts and or only one zone	No, you have to quote for whole zone.
10	Additional		What will be the maximum duration of Video for each center as that will help us plan the cloud storage accordingly?	Maximum 24 hours
11	Additional		According to RFP you are asking for 10x zoom in each camera which can be controlled remotely, who'll manage this	Technical Manpower provided by the bidder.
12	Task1/ Page 13	12. Upon browser based video recording commencement, generic desktop lock must be engaged to disable all other applications from launching and connecting to the internet.	Upon browser based video recording commencement, generic desktop lock must be engaged to disable all other applications from launching and connecting to the internet - Page 13 (Point is not clear)	Your query is not clear.

13	Additional		The camera should support 16-4096 kbps code rate, support constant bit rate/variable frame rate of up to 30 fps. Image Control: Backlight compression, Automatic white balance, 3D digital noise reduction. The display should be supported is 1920x1080. - Page 14 (How is video display spec is related to Camera as the it will not have any display locally)	Please see the Revised Bid.
14	SLA /Page 21		Page 21 - SLA according to me will be for sure less than 90 % and we should plan accordingly.	As per RFP
15	Scope of Work/Page 11	<p>Scope of Work</p> <p>The Successful bidder has to undertake the live web streaming (both audio & video) on polling day and counting day events during the General Election to Gujarat Legislative Assembly 2017 on turnkey basis, with the installation of the necessary suitable, proven web based web streaming software along with the supply of Other related items as per the detailed Scope of work given below.</p> <p>3. Supply and installation of IP based HD web cameras along with one manpower per counting center, for use in the counting centers, on counting day, to web stream the counting day activities in each counting center.</p>	The authority has asked to have IP based HD Web Camera, and keeping in view requirement prescribed in the Tender Documents, please make it more clear that whether Smart Phone or Tablets are allowed or not ?	It has been discussed & clarified in the Pre-bid meeting that Tablet & Smart Phones are not allowed.
16	Services expected on a Polling Day event/Page 12	<p>Page No. 12-13</p> <p>Task 1: Hosting of the web based streaming software: The bidder shall suitably secure proven web based software that has the ability to record both audio and video.</p> <p>4. The web camera should be so placed to cover the maximum possible area in polling station without hampering the secrecy of vote. The light and glare should be minimum and should be capable of zooming in as per the requirements.</p>	Facility for Zooming at which location and by whom to facilitate? i.e. from Booth itself or from the Control Room?	Depending upon the requirement.
17	Services expected on a Polling Day event/Page 12	5. during recording the assembly constituency (AC No.) and polling station no. (PS No.) Should be visible clearly in camera view.	For the purpose of AC No. and polling station No. (PS No.) to be made visible clearly in camera view, the Banner has to be inside Polling Booth or on Ballot Box. Will it be ensured accordingly?	As per RFP
18	Services expected on a Polling Day event/Page 13	23. At the end of each event the web streamed data along with required reports, shall be made available within 4 days to the client in a Hard Disk for later retrieval and usage as necessary.	Q. Please clarify and confirm whether streamed data along with required reports to be made available within 4 days – since the process involved sorting of data i.e. District-wise, AC Wise & Booth wise etc.	As per RFP

19	Services expected on a Polling Day event/Page 13	26. The bidder shall also develop an application software which monitors the data feed from each polling Station on the polling day and also from each HD camera in the counting center on the counting day based on which the performance status of the data feed, and the live streaming at the offices of the	Q. What is exact requirement by the authority is not clear to us. Please elaborate more for better understanding about this requirement.	It has been discussed & clarified in the Pre-bid meeting.
20	Task 2/ Page 14	3. The bidder has to supply and install the IP based web cameras, as per the minimum specifications in the identified polling stations. The web camera should have facility of local recording, with minimum of 3 Megapixel camera resolution. The camera should be having capability of 10x zooming. The camera should have minimum illumination of .05 lux. 4. The camera should support 16-4096 kbps code rate, support constant bit rate/variable frame rate of up to 30 fps. Image Control: Backlight compression, Automatic white balance, 3D digital noise reduction. The display should be supported is 1920x1080.	Q. While referring technical aspects of point Nos. 3 & 4, in our opinion, neither Smart Phone nor Tablet can support the give configuration, and hence, neither Smart Phone nor Tablet devices can satisfy the project requirements. Pl confirm.	Please see the Revised Bid.
21	Task 2/ Page 14	9. The bidder shall also provide the following, in the offices of RO, DEO & CEO to view the live feeds of the polling day activities smooth on existing TV of respective offices. 13. After the event is over on polling day, the supplied LED TV's and internet connectivity, have to be taken back and manpower has to be withdrawn by the bidder.	Q. We understand that existing TV will be available at respective offices as mentioned in Point No.9. But in Point No.13, it is narrated that after the event is over on polling day, the supplied LED TV's and Internet connectivity, have to be taken back and manpower has to be withdrawn by the bidder. Please clarify whether Bidder is required to provide LED TVs or the authority will manage LEF TVs? If so, No. of TV Sets to be arranged/managed by the Bidder. Moreover, for Internet Connectivity facility whether PC or Laptop Devices will be made available by the Authority concerned or the Bidder shall have to manage from their own sources?	Bidder is not required to provide LED TV. Desktop/Laptop or any other devices to carryout web streaming from polling booth/counting station will be the responsibility of Bidder.
22	Task 2/ Page 15	18. In case of any disruption due to internet connectivity, the streaming data has to be stored in the local Hard Disk and the same shall be made available in DVD at the end of the day to the day to the officials concerned	Q. Please clarify quantity / how many copies of records to be provided? Requirement	Minimum 1 nos. of Copy

23			<p>1) We have successfully covered and completed web streaming of 50000 (app.) polling stations during State Elections since 2014 , spreading to Tamilnadu, A.P., Punjab, Manipur and Goa along with Counting canter pertaining to 232 Assembly Constituencies (in 2014 & 2016) in Tamilnadu and 48 A.C.s in Manipur (2017) State, using more than 4000 Cameras.</p> <p>In Tamilnadu, we have used web cams supported by Laptops and in Punjab, Goa & Manipur, we have used Android phones. In both the cases, the mechanism has been user friendly, providing enviable results during both the polling and counting sessions and accepted by respective State Election Departments.</p> <p>We want to reiterate the fact the above usage of Laptops and Android phones is nowhere lesser in quality compared to that of I.P. Cameras, giving the expected clarity.</p> <p>In the ongoing Tender towards web streaming for Himachal Pradesh State Elections-2017 also, L1 bidder is allowed to use "tabs" in lieu of I.P.Cameras.</p> <p>Hence we request that usage of Android phones, which possesses the required megapixel, zooming, audio recording and night vision facilities, may kindly be permitted in lieu of I.P. Cameras.</p>	Please see the Revised Bid.
24			<p>2) Minimum resolution for streaming has to be specified. The current tender only specifies the resolution of camera and its technical specification. However the minimum resolution to be maintained during polling and counting needs to be specified separately.</p>	As per RFP Minimum Resolution for streaming should be such that while viewing clarity of picture should be available.
25			<p>3) Fixing Cameras in the wall leads to lot of inconveniences. Fixing the brackets in the wall and dismantling after the event may cause damage to the costly cameras. Besides, it is expected to be installed in all polling stations 5days in advance, covering two trial runs and the event, which requires safety of the equipment. Hence we request that tripods with the required height may be allowed to support the cameras. This will be highly useful to tilt the cameras to the required directions, whenever necessary.</p>	As per RFP
26			<p>4) Web streaming of polling stations to be provided only during the start and end of polling time. (From 5AM till End of polling and sealing of EVM Machine). Providing live streaming previous night unheard and has never been asked for in any previous Election web streaming.</p>	As per RFP
27			<p>5) All the Presiding Officers of the respective Booths may kindly be instructed to allow the operators to enter the polling stations during installation of cameras, trial runs and the event well in advance. Operators' presence is essential during the entire tenure of the above events.</p>	As per RFP

28	Page no. 21 of 31		6) It is very confusing to redefine the buffer, mentioned in the page 21 of 31. Logging of buffering is very challenging hence clarity may be provided on buffering and its impact on penalty.	Please see the Revised Bid.
29			7) All the States in India, who are going for Tender towards web streaming of polling stations during Elections, have hitherto centralized the conduct of the Event and disbursement of payment through their Nodal Agencies like ELCOT-Chennai, Punjab Infotech-Chandigarh, Manipur IT Department, ITG-GOA etc. or by Office of the CEO itself.. It will be highly laborious to submit the data to all the respective Collectorates and to wait endlessly for receiving payments, one by one. Hence it is requested that the payment towards web streaming may kindly be centralized from GIL or Election Department-Gujarat.	Not Accepted As per RFP
30			It is requested that sufficient experience can be given priority in addition to "rates quoted" while evaluating the L1 bidder, in order to successful completion of the Event.	As per RFP
31	Page No. 22 Technical Specifications of the camera	Minimum illumination of .05 lux and 10X zooming	This feature is related to control over total darkness (no light) and camera can capture the images. This may not be in our case as in polling booth light, natural sun lights etc. are available. Also 10X zoom will available with traditional CCTV camera which need much higher bandwidth for all location. For polling booth room 3 MP camera will have a sufficient quality and resolutions. Request to consider this.	Please see the Revised Bid.
32		Image control: Backlight compression, Automatic white balance, 3D digital noise reduction	3D noise reduction 3DNR technology enables to suppress noise and retain good video quality in low light conditions. This feature is related to above (1) and can be avoid. However our software based app is supporting the echo and voice compression with excellent video and audio quality. Request to change and update the statements to – Good video and audio quality.	Please see the Revised Bid.
33		Display should be supported is 1920x1080	This is a HD resolutions and available with high end bandwidth only (on booth location and viewing location as well, 1 mbps minimum needed) . Requesting you to put few other resolutions which can match all conditions of bandwidth: 640 * 480, 1024 * 768, 1920 * 1080 etc. We need to match any one of them depending on available bandwidth from polling booth and viewing locations.	Please see the Revised Bid.
34		Night Vision capability	This might not be required as polling booth always under light conditions. This shall be only available under traditional CCTV camera which may not stream on less bandwidth and need much high end internet bandwidth.	Please see the Revised Bid.

35			<ol style="list-style-type: none">1. We intend to bid for the aforesaid tender.2. Please note that we have successfully implemented live webcasting vide our 1.3MP camera in last General Assembly Election in Uttarakhand. We intend to use the same for this project as well.3. Our camera supports up to 720P HD resolutions.4. A detailed specification of the camera we intend to use is attached herewith.5. Our solution does not support rewind of real time video feed, only live viewing is possible.6. Our solution also does not support auto rotation of video feed. Our viewing portal will have video feeds from maximum eight polling stations at a time, for more you need to click on next page.7. Our camera do not support 10X digital zoom.	As per RFP
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