



EAST DELHI MUNICIPAL CORPORATION
(Information Technology Deptt.)
Udyog Sadan, 419, First Floor,
Patparganj, Industrial Area,
Delhi-110092.

No.AC(IT)/EDMC/2020/D-297

Date: - 24.1.2020

Subject:- Tender for "Supply, Installation, Commissioning and Maintenance of CCTVs and Public Address System in 217 School buildings of EDMC"- **Reply of pre bid queries and Extension of Last Date of Submission of bid.**

Reference :- Online Tender No. 318303 (Tender Reference No. D-269/2020)

Sr. No.	Queries	Reply
1	Technical Specification of PTZ camera and NVR not mentioned in the tender or neither in the Ministry of Home Affairs Office Memorandum No: D-32018/3/2015/SSO (pt) dated 16th/20th April 2015 or higher	Specification of PTZ camera and NVR are enclosed.
2	Dome and Bullet Camera quantity not define separately. Both models have pricing difference. Kindly provide the quantity of Dome and Bullet Camera separately.	As per tender document. However, prospective bidder(s) are requested to survey the schools as per list attached for gathering the actual requirement.
3	30 days recording asked in NVR at each school. Do you need additional 30 days recording at control room as per Sr. No- C if yes also confirm the recording resolution. This will be required for calculating bandwidth in Control room.	Yes, Full HD or higher resolution, please refer tender document.
4	Do you also required live feed of all cameras in control room if yes then this will help in calculating bandwidth requirement in control room. Please confirm number of cameras want to see in control room for bandwidth calculation?	Live feed, recording etc of all cameras are required in control room.
5	Is providing Bandwidth at all 217 schools and the central control room in the scope of SI or EDMC will provide the bandwidth at their own. Please clarify.	Providing of bandwidth at all 217 schools and Central control room is in the scope of prospective bidder. (refer tender document)
6	How many Maximum simultaneous accesses of one particular camera is required. This will be required for calculating maximum load on the streaming server	In school itself, all parents/guardian of students of a particular class and higher authorities of EDMC.
7	Is Consortium/Partnership allowed?	Can be accepted. However, only in between Central PSUs or Central PSU and OEMs subject to following conditions :-


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Applications submitted by a Consortium should comply with the following additional requirements:

- *Consortium shall be lead by the PSU only.*
- *Number of members in a consortium would be limited to three (3) (PSU + OEMs of CCTV and/or PA system)*
- *The Application should contain the information required for each member of the Consortium;*
- *The Application should include a description of the roles and responsibilities of individual members;*
- *An individual Applicant cannot at the same time be member of other Consortium applying for this Project. Further, a member of a particular Consortium cannot be member of any other Consortium applying for this Project; an undertaking towards this end needs to be submitted by all members.*

The nomination(s) shall be supported by a Power of Attorney.

Members of the Consortium shall enter into a Memorandum of Understanding (MoU) for the purpose of making the Application and submitting a Proposal in the event of being short-listed. The MoU shall, inter alia, also convey the intent to form a joint venture company, with shareholding commitment(s), which would enter into the Concession Agreement and subsequently carry out all the responsibilities as contractor in terms of the Agreement, in case the Project is awarded to the Consortium. The MoU shall also clearly outline the proposed roles and responsibilities of each


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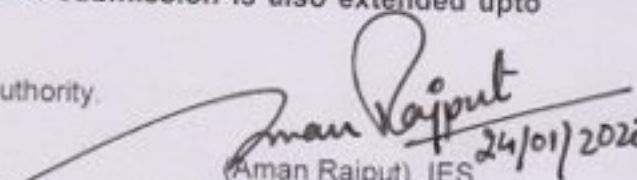
		<i>member at each stage. A copy of the MoU [Memorandum of Understanding] should be submitted with the Application.</i>
8	Requesting you to incorporate Public Procurement (Preference to Make in India) (PPP-MII) Order 2019 issued by DPIIT and 2018 by DOT.	EDMC encourages the prospective vendors/PSUs to use and promote Make in India Products.
9	Test report of the equipment offered issued by Govt./ recognized lab must be submitted with the tender if available. Can we submit the same at the time of POC.	All test reports of the hardware/equipments are to be submitted alongwith bid document.
10	Please Suggest the of Size of videowall. As per tender document department asked for sufficient no of 42 inch display , Which is not quantative , please specify the Size of videowall and Nits for Videowall	Minimum 9 numbers of 42" display or higher.
11	Please do clarify if there is already an application in place for the parents to view that needs to be integrated with the CCTV system or the entire solution to be considered fresh.	Entire solution to be considered fresh.
12	Please define the exact no. of manpower required for support at Control room and also their timing and tenure period. As it will be having significant impact on pricing.	As Control Room will function 24X7, minimum two manpower supports must be available at all time.
13	Please clarify about duration of CAMC.	Total project period is five years. CAMC period is four years and will start after expiry of one year warranty period.
14	As per the MHA guideline and specifications- Solution asked is server based with VMS while in the tender it is asked for NVR based standalone solution. It is contradictory to MHA guideline & specifications. Suggest to change the same to server based video management software as its more scalable, reliable	As per tender document. However, bidder is free to submit server based solution.
15	To have participation of reputed OEM in CCTV. Kindly add "The OEM products should have BIS (Bureau of Indian Standards) Certificate for the Models and also BIS Lab Report has to be submitted to ensure the products are from direct Manufacturer and it should not be a Label brand. And also to ensure the products can sustain Indian Environment."	As per tender document. Please see that Regulatory Approval for CCTV is already mentioned in MHA guidelines.
16	Bidder has to ensure quoted brand is an Original Equipment Manufacturer of the product bided in the tender. It should be manufactured by Same Brand as quoted Brand in Tender. By any chance tender committee comes across that the products are not manufactured by bided brand then bidder and brand both will get disqualified and respective actions will be taken against	As per tender document. However, it is the responsibility of the prospective bidders to ensure that bidding hardware must be manufactured by same OEM.

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the brand for manipulation. This will ensure bidding brands are manufactured by Original Manufacturing Facilities only and manipulation is not possible in datasheet, features etc., FAT report from OEM factory will be needed before supply of materials. It will also ensure standard OEM quality.

Last date for online bid preparation and hash submission is also extended upto 3.2.2020 (1200hrs)

This is issued with the approval of competent authority.


(Aman Rajput), IES
Assistant Commissioner (IT)

To :-

1. Railtel Corporation of India Ltd.
2. Bharat Sanchar Nigam Ltd, New Business Cell, Corporate Office Janpath, New Delhi -110001
3. ITI Limited, Flat No. 201-202, Rohit House, 3-Tolstoy Marg, New Delhi-110001
4. RITES Limited, RITES BHAWAN, No.1, Sector-29, Gurgaon - 122001
5. Telecommunications Consultants India Limited (TCIL)
6. Bharat Electronics Ltd., Nagavara, Outer Ring Road, Bengalure - 560045
7. Central Electronic Limited, 4, Industrial Area, Sahibabad-201010 (UP)
8. Engineering Projects India Ltd.
9. BECIL, 14-B, Ring Road, Indraprastha Estate, New Delhi-110002

Copy for information to :-

1. HoD(IT)
2. OSD to Commissioner, EDMC
3. PA to Additional Commissioner-I
4. Director (IT), SDMC with request to upload on online tender portal.
5. Website of EDMC under tender/etender.

Specification of PTZ Camera

- 1 1/4" CCD/CMOS F=4.3mm to 125mm 30X optical zoom or better plus 12x digital zoom or better. Day/Night Wide dynamic range, electronic image stabilization. HD Camera
- 2 Scalable resolution: HD/Full HD at 30 FPS (NTSC), 25 FPS (PAL). (to be defined by the user)
- 3 Minimum illumination 0.2 lux color and 0.05 lux B/W
- 4 Video compression: **H.264 and Mjpeg**
- 5 Digital signal processing
- 6 Image Settings: Compression, Contrast, Brightness, Chroma, Saturation, Sharpness, White Balance, Exposure Control, Customizable Presets, Backlight Compensation, Day/Night Rotation 0
- 7 Supported Protocols: IPv4/v6, HTTP, FTP, SMTP, DNS, DDNS, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, UPNP, PELCO "P", PELCO "D"
- 8 Focus, Iris, BLC should have Auto/Manual
- 9 Pan range 360° continuous, Tilt 10° ~ +100° (with auto-flip)
- 10 Manual Pan / Tilt speed 300 / 150 /sec
Preset Pan/Tilt speed 350 / 150 /sec
- 11 255 presets positions or more (Presets may be defined by the user)
- 12 4 alarm inputs, 1 relay outputs
- 13 Privacy masking zones
- 14 Bidirectional audio capability with external audio input and output and required licenses
- 15 Remote access for configuration, viewing and control via standard web browser
- 16 RTP/RP, UDP/IP, TCP/IP, or multicast IP, DNS and DHCP client
- 17 Flash memory for upgrade of video codec and application firmware over the network
- 18 Ethernet 10/100/1000 Base-T Auto sensing, Half/Full Duplex (RJ45)
- 19 Operating temp: 20° C to 55° C
- 20 Outdoor vandal proof IP66 enclosure, metal construction, wall/pole mount
- 21 Humidity: 90% or more (Non-condensing)
- 22 EN/UL, FCC and CE certified
- 23 Camera should be ONVIF 2.0 compliant

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Specification of 4/8/16/32/64 Channel Network Video Recorder (NVR)

1	Network Video Recorder shall provide a live view, storage and playback of 4/8/16/32/64 IP camera and must be ONVIF with minimum support of Bandwidth upto 320 Mbps (play back for 4/8/16/32/64)	
2	NVR should support H.265, H.264, MJPEG support	
3	It should have 1/4/9/16/32 channel display mode	
4	It should have 25fps @ 4MP	
5	Must support Resolution: 3840*2160, 1920*1080, 1280*1024, 1280*720, 1024*768	
6	Must support recording resolution up to 12MP	
7	Must support Continuous, Alarm, Motion, Instant, Panic Recording Mode	
8	Must support two way audio	
9	When alarm recording is enabled and an event occurs, you can click the alarm icon on monitoring page to view the alert details. The snapshot function is supported on monitoring and playback page	
10	The Network Video Recorder (NVR) shall be configured to send email. Whenever a system message is created or an alarm event occurs, The email server shall be a valid SMTP server. Each recipient email address shall be configured to receive any combination of critical, warning, or informational messages or alarm notifications. When an alarm occurs, the email message includes the NVR name, time of alarm and a list of camera that is configured to record upon alarm	
11	It should support Network Support: HTTP, TCP/IP, SMTP, DHCP, DNS, DDNS, FTP, NTP, UPnP, Multi IP Setting. Convert multiple recording files to one avi/MP4 file	
12	Intelligent auto power on when power resumes after power outage.	
13	Storage	It should be compatible for 30 days recording of 25fps @ 4MP.
14	Connectivity interface	2 Nos. x 10/100/1000 Base-T Lan Port
15	Backup interface	Its should have upto 3Nosx USB port for backup.
16	Power supply	Should support AC100-240V, 50/60Hz
17	Operating conditions	10°C to 50°C, humidity 80% (max) (non-condensing)
18	Standards	CE, FCC, RoHS, UL Certified
19	Video Output	2 HDMI, 1 VGA
20		Web, Mobile app for alerts and viewing
21	Protocols	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, ONVIF
22	Alarm	Alarm- 4/1 Ch In/ Out



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