

**NOTICE INVITING TENDER**

1. Online e-tenders are invited by Dy.General Manager, SCOPE on behalf of Constituents of SCOPE MINAR, Laxmi Nagar Delhi- 110092 for the following work up to 31.10.2018, 3.00PM and will be opened on the same day 4.00PM.

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|------|---|---|
| 1.1  | Name of the work                            | : Supply, Installation, Testing & Commissioning of IP based CCTV Surveillance System at SCOPE Minar, Laxmi Nagar, Delhi-110092. |
| 1.2  | Estimated Cost                              | : Rs.16,43,000/-plus GST @ 18%.   |
| 1.3  | Earnest Money                               | : Rs.40,000/-   |
| 1.4  | Tender Processing fee                       | : Rs1,454/-   |
| 1.5  | Time for completion                         | : Three Months from the date of issue of LOI.   |
| 1.6  | Cost of Tender                              | : Rs. 590/-   |
| 1.7  | Commencement of downloading E-Bid           | : 10/10/2018 from 10.00AM   |
| 1.8  | Last date of downloading of E-Bid           | : 31/10/2018 Up to 10.00AM  |
| 1.9  | Last date of E-Bid submission               | : 31/10/2018 Up to 03:00PM.   |
| 1.10 | Last date of submission of hard copy of EMD | : 31/10/2018 Up to 03.00PM  |
| 1.12 | Tender opening date & time(technical)       | : 31/10/2018 at 04.00PM   |
| 1.13 | Tender Opening date & time (Financial)      | : To be intimated later   |

2. Bidders have to download the Bid documents from the e-procurement portal i.e. [www.tenderwizard.com/SCOPE](http://www.tenderwizard.com/SCOPE) after registering themselves on portal and submit e-bids after payment of bid processing fee & Bid document fee before last date & at time of downloading the e-bids online. Bidder can also view the NIT, scope of work on [www.scopeonline.in](http://www.scopeonline.in).

3. Bids shall be submitted through e-bidding mode only. No other mode of bid submission shall be accepted.

4. Tender document shall be issued only to the OEM i.e. **ARECONTVISION,AXIS, MOBOTIX** and their authorized system integrators / channel partners on production of authorization Letter /certificate working with CPWD/PWD/MES/Railway/PSUs/Autonomous Bodies/SCOPE who fulfill following pre-qualification criteria & showing the original document in this regard:

- 4.1 Proof of having successfully completed similar works during the last 5 years ending last day of the month previous to the one in which applications are invited:  
Three similar completed works, each costing not less than the amount equal to 40% of estimated cost put to tender.  
OR  
Two similar completed works, each costing not less than the amount equal to 60% of the estimated cost put to tender.  
OR  
One similar completed works of aggregate cost not less than the amount equal to 80% of the estimated cost.
- 4.2 The tenderer must be registered under ESI, PF, GST & Income Tax act and should have valid PAN No. copies of registration papers along with details need to be furnished latest ESI & PF deposit with challan authority is also needed.
- 4.3 Average annual financial turn over should be at least 1.5 times of the estimated cost during the immediate last 3 consecutive financial year.
- 4.4 Balance sheet for previous three years with ITR.
- 4.5 Copies of similar works executed / in hand for multi-storied office building & industry during last three years along with work order & clients performance certificate.
- 5 The tender shall be submitted: thorough only portal i.e. [www.tenderwizard.com/SCOPE](http://www.tenderwizard.com/SCOPE).
- 6 Tenderers are invited to submit their offers strictly based on the terms & conditions and specifications given in the tender document and instruction to bidder.
- 7 Tenders are invited to submit their offers strictly based on the layout, design parameters, specific requirements, terms & conditions and specifications given in the tenders documents.
- 8 Earnest money mentioned above should be paid by crossed Demand Draft/Pay orders from any nationalized /Schedule Bank in favor of "MMO SCOPE Minar ". Tenders without Earnest Money Deposit will be summarily rejected and the representative of such tenderers will not be allowed to attend tender opening.
- 9 Pre-bid Conference shall be held at 4:00PM on 25.10.2018 if required.
- 10 SCOPE reserves the right to reject any or all tenders without assigning any reasons.

**Dy. General Manager-Engg**

## **SCOPE OF WORK**

Supply, Installation, Testing & Commissioning of IP based CCTV Surveillance System as per schedule of items and its required accessories for Security Surveillance at SCOPE Minar, Laxmi Nagar, Delhi-110092.

1. Bidder / Contractor have to visit the site necessarily before quoting the PRICE BID. Also clear its doubt about the location and area which is to be on surveillance.
2. Supply of all components at SCOPE Minar as per BOQ/ (Schedule of quantity).
3. Successful bidder shall conduct site survey of SCOPE Minar building and evaluate the best possible way of mounting video surveillance equipment to cover the area /places of SCOPE Minar building and as per direction of per engineer in charge
4. Any structure, permanent or temporary, dismantled or damaged during the execution of the work shall be replaced or restored to its previous condition by the network vendor at its own cost.
5. Contractors have to full fill all compliance as mentioned in the technical specification of tender.
6. It is to be noted again that supply, Installation and commissioning of the system with all accessories, auxiliaries and any item not covered in the specification but essential for proper installation, operation and maintenance of the CCTV system shall be included and executed by the vendor with no extra cost.
7. The work will not be deemed complete until commissioning trial of the whole system is carried out by the vendor at SCOPE Minar, laxminagar site successfully.
8. Surveillance CCTV system is required to ensure effective surveillance of an area as well as create a tamperproof record for post event analysis. The System shall provide an online display of video images on monitors located in Central as well as Local control rooms, mobile phone through suitable App.
9. System should facilitate viewing of live and recorded images and controlling of all cameras by the authorized users present in the LAN.
10. Proposed CCTV system shall be an open standard based integrated system with IP network centric functional and management architecture aimed at providing high-speed manual/automatic operation for best performance.
11. The NVR shall be embedded type. However the NVR software shall run on common off the shelf available servers /NVR (Camera server & Database server).
12. System shall provide sufficient storage of all the camera recordings for a period of 60 days or more @ 25 FPS or better quality using necessary compression techniques for all cameras (extended capacity of cameras i.e. present capacity + 25 %).

13. The Area under surveillance shall be monitored and controlled from Central/Local Control Room(s) through workstations and Joystick controllers.
14. Surveillance CCTV System shall operate on 230 V, 50 Hz single -phase power supply. If any equipment operates on any voltage other than the supply voltage and supply frequency, necessary conversion/correction device for supply shall be supplied along with the equipment with no extra cost.
15. All the control equipments e.g. servers, POE, NVR, decoders etc. shall be provided in standard Racks.
16. The contractor/ bidder has to attached detail specification sheet with all necessary certificates with technical bid at time of tender submission.
17. Outdoor cameras shall be either with fixed/vari focal length lens or with Pan/Tilt & Zoom lens as per site requirement. All outdoor Cameras shall be Day/Night cameras.
18. Housing of cameras meant for outdoor camera housing shall be of IP66 or better rating. These must be integrated by the camera manufacturer.
19. System must provide built-in facility of watermarking or Digital certificate to ensure tamperproof recording so that these can be used as evidence at a later date, if so desired. The recording shall support audit trail feature.
20. All camera recordings shall have Camera ID & location/area of recording as well as date/time stamp. Camera ID, Location/Area of recording & date/time shall be programmable by the system administrator with User ID & Password.
21. Facility of camera recording in real-time mode 25 FPS or better FPS as well as in any desired combination must be available in the system.
22. System to have facility of additional camera installation beyond the originally planned capacity.
23. In order to optimize the memory, while recording, video shall be compressed using H.264 or better standard and streamed over the IP network. Once on the network, video can be viewed on a Control room workstation or on analogue monitor using a hardware decoder (H.264/compatible standard Receiver).
24. Storage and bandwidth and power calculation sheet shall be provided with tender submission by bidder/contractor.
25. In case of external IR is quoted the maker of external IR is of same OEM as of camera.
26. System shall be triplex i.e. it should provide facility of Viewing, Recording & Replay simultaneously.
27. The offered system shall have facility to export the desired portion of clipping (from a desired date/time to another desired date/time) on CD or DVD. Viewing of this recording shall be possible on standard PC using standard software like windows media player etc.
28. The CCTV solution should have web-based access. Users should be able to access live streaming for all or selected cameras in a dashboard through web.

29. System shall have facility to download and access the footage on mobile.
30. Any fabrication /civil work/mounting work such as pole, mounting arrangement shall be in bidder scope.
31. System shall have provision of WAN/LAN connectivity for remote monitoring.
32. Each camera should be connected to a Hardware Encoder, through cable, which shall support minimum dual streams. Alternatively, the camera shall be IP based, UTP ready. The encoders should be capable of producing streams @ 25/30 fps for each camera for viewing on LAN and on monitors and also recording into the NVR user selectable as per requirement, for each individual camera.
33. Central/Local Control Room will have workstations along with controllers for Camera operation. For monitoring purposes, Video monitors/Plasma monitors/Video wall shall be setup with suitable mounting arrangements, as per user requirements. Facility for viewing and controlling all the cameras at various other locations, as required, shall be provided.
34. Monitoring at Local control rooms may be restricted to operation of certain cameras only & system administrator should be able to configure the system, accordingly. More than one Local Control rooms may be required in the proposed system with individual configuration.
35. Video stream from individual cameras shall be recorded on respective NVR. System shall have provision to automatically over-write the new information after the period of 60 days & necessary script/algorithm must be available in the Application.
36. All the workstations in LAN should be provided with software to view and control the cameras, encoders and retrieve the recorded video images from the NVR/CAMERA SERVER/NAS/Raid backup device seamlessly.