

Ref No.: SCOPEMINAR/MMO/17-18/172

Date: 15/12/2017

NOTICE INVITING TENDER

Subject: Supply, Installation, Testing & Commissioning of IP based CCTV surveillance System at SCOPE Minar, Laxmi Nagar, Delhi-110092.

1. Sealed item rate tenders are invited by Dy. General Manager(Engg.), SCOPE on behalf of Constituents of SCOPE MINAR, Laxmi Nagar Delhi-110092 for the following work up to 10.01.2018 at 3.00PM and will be opened on same day at 3.30PM.

Name of the work : Supply, Installation, Testing & Commissioning of IP based CCTV Surveillance System at SCOPE Minar, Laxmi Nagar, Delhi-110092.

Estimated Cost : Rs. 27,41,139/- +GST @ 18%

Earnest Money : Rs.64,700/-

Cost of Tender : Rs.1000(Non-Refundable)

Time of Completion : 3 Months

2. Tender paper containing schedule of quantity, terms and conditions etc. may be obtained from the office of the **Dy.General Manager(Engg.), SCOPE Minar MMO** on any working day between 10.00AM to 3.00 PM from **18.01.2017 to 09.01.2018** against the payment of Rs. 1000/- (Non Refundable)The Earnest Money will be accepted only in form of Demand draft /pay order in favour of “**SCOPE Minar MMO**” and drawn from Nationalized Bank.
3. Tender document shall be issued only to the approved **CCTV OEM of BOSCH,AVIGILON,ARECONTVISION,AXIS,PELCO** or their authorized system integrators (with 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:
 - 3.1 Experience of having successfully completed similar works with work order and completion letter in PSUs/Govt./Govt. undertaking/SCOPE/Autonomous Bodies 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.

- 3.2 The bidder must be registered with ESI, PF, GST should have PAN No.
 - 3.3 Average annual financial turnover on CCTV surveillance works should be at least 1.5 times the estimated cost of the immediate last 3 consecutive financial year.
 - 3.4 Balance sheet for previous three years with ITR.
 - 3.5 Copies of similar works executed during last 5 years with work order and completion certificate/letter in hand for multi-storied office building & industry along with work order & clients performance certificate.
 - 3.6 All the above certificate / documents shall be submitted by the firm duly signed & self attested subject to verification with original documents.
4. NIT & Tender details shall also be available on SCOPE's website www.scopeonline.in stipulating the terms & conditions for the benefit of intending bidders to understand the scope of work, specifications etc. However, bids will be acceptable only if issued from the office of Dy.General Manager-Engg, SCOPE MMO and purchased by the bidders after verification of the specified pre-qualification criteria.
 5. The tender shall be submitted in the following manner, in three separate sealed envelopes, duly super scribed the name of work along with following details:-

Envelope-I	“EMD”
Envelope-II	“Technical and Un-priced Commercial Bid”

Envelope-III "Price Bid"

Envelope – I shall contain 'EMD'. Envelope-II shall contain tender containing Technical & Un-priced Commercial Bid duly signed and stamped on all pages. Envelope-III shall contain only prices duly signed, i.e., schedule of rates duly filled in. It is to be noted that the sealed envelope containing Price Bid (Envelope-III) shall contain only the prices without any conditions whatsoever.

6. Tenderers are advised to submit their offers strictly based on the layout, design parameters, specific requirements, terms & conditions and specifications given in the tender document.
7. Earnest Money mentioned above should be paid by crossed Demand Draft / Pay order from any Nationalized / Scheduled 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.
8. The tender Envelope (II) containing Technical & Un-priced Commercial Bids shall be opened on the due date i.e. on 8.01.2018 in the presence of tenderers or their authorized representatives who wish to remain present. The price bids (Envelop - III) shall be opened after all the technical bids are brought at par.
9. Pre-bid Conference shall be held **at 2.00PM on 02.01.2018** , 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. Resolution of camera should be 1080p, 2MP or better with 100dB WDR and IR.
12. The NVR shall be embedded type. However the NVR software shall run on common off the shelf available servers /NVR (Camera server & Database server).

13. 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 %).
14. The Area under surveillance shall be monitored and controlled from Central/Local Control Room(s) through workstations and Joystick controllers.
15. 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.
16. All the control equipments e.g. servers, POE, NVR, decoders etc. shall be provided in standard Racks.
17. The contractor/ bidder has to attached detail specification sheet with all necessary certificates with technical bid at time of tender submission.
18. 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.
19. Housing of cameras meant for outdoor camera housing shall be of IP66 or better rating. These must be integrated by the camera manufacturer.
20. 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.
21. 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.
22. 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.
23. System to have facility of additional camera installation beyond the originally planned capacity.
24. 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) and shall be recorded on NVR.
25. Storage and bandwidth and power calculation sheet shall be provided with tender submission by bidder/contractor.
26. In case of external IR is quoted the maker of external IR is of same OEM as of camera.
27. System shall be triplex i.e. it should provide facility of Viewing, Recording & Replay simultaneously.

28. 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.
29. 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.
30. System shall have facility to download and access the footage on mobile.
31. Any fabrication /civil work/mounting work such as pole, mounting arrangement shall be in bidder scope.

TESTING AND COMMISSIONING

1. After installation and configuration of each and every subsystem, integrating various systems and providing various services, tests shall be conducted for system performance as a whole.
2. Commissioning shall mean end-to-end commissioning of the complete CCTV Security Surveillance with testing of live applications. Test parameters, commitments etc shall be submitted along with implementation plan, which shall be approved by SCOPE
3. Upon Testing and Commissioning, the system shall be offered to SCOPE for inspection.
4. The successful Bidder, along with SCOPE shall prepare an inspection and schedule with details of each activity.

INSPECTION & ACCEPTANCE:

Acceptance Test will be conducted as follows:

- a. The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance.
- b. Final Acceptance Test (FAT): After successful installation of the equipment/Material in accordance with the requirements as mentioned in Contract, Final Acceptance Test will be conducted. After successful testing, Acceptance Test Certificate will be issued by SCOPE or any Team constituted by SCOPE.
- c. The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the Equipment/Material.
- d. Any delay by the contractor shall render the contractor liable to the imposition of appropriate Penalties.

- e. All goods and services should have approval of TEC with ISI or other certification, as applicable, to prove the quality standards applicable in India.
- f. Vendor shall provide details of Acceptance Test Procedure (ATP) to SCOPE as per tender specifications & will demonstrate system specifications as per ATP to SCOPE. During ATP vendor shall use their own tools, equipment. SCOPE will not provide any test instrument/tools.
- g. Final payment will be made after satisfactory testing, commissioning and acceptance of the complete system.
- h. **The system will be considered as installed and accepted only after successful uninterrupted operation of the entire system at site for period of minimum 15 days.**

DOCUMENTATION

1. Providing original manuals of all hardware items supplied.
2. Implementation plan, to be approved by SCOPE before initializing the installation and configuration activity.
3. Test parameters, commitments etc for acceptance testing to be enclosed along with implementation plan.
4. Operator manual for shutdown/start of the active resources.
5. Acceptance test reports, performance test reports of all components.
6. Any other Relevant Documentation.

TRAINING

1. Training on the design and functioning, operational aspect and maintenance of the complete system.
2. One day Training program without any additional charge.
3. Course material for the above (one copy each per participant) to be provided free of cost.

WARRANTY & ANNUAL MAINTENANCE CONTRACT

Providing comprehensive onsite warranty for the entire CCTV system being set up for a period of 5 years from the date of commissioning and undertaking from the OEM warranty of 5 years.

1. The bidder must have a maintenance base in Delhi/NCR to provide maintenance service, efficiently and promptly. If the performance of any individual equipment or system fails to meet the contract specifications then the same shall be replaced by the Supplier free of cost during the term of the warranty and AMC.
2. The Bidder shall provide repair and maintenance service at the site immediately (within 24 hours) upon receiving breakdown call from

SCOPE staff and such services should be available for a period of 8 hours from 10 a.m. to 6 p.m. on all working days (Mon-Sat).

3. THE BIDDER shall ensure 24 hours response time (i.e. total time taken by THE BIDDER between registering the complaint and attending the complaint).
4. THE BIDDER shall ensure call resolution time of 48 hours (i.e. total time taken by THE BIDDER between registering the complaint and rectifying the fault). This time includes time taken to reach the site, diagnose, repair/ replace the faulty component/module/device & network equipment that are covered under the contract.
5. In case of major defects requiring the defective item to be taken to the Supplier's workshop, it should be returned within two weeks duly repaired/(replaced by a new item) and an immediate (within 48 hrs. from registering the complaint) substitute item to be provided by the contractor for the smooth operation of the System.
6. Apart from the service/repair calls, the service engineer deputed by the Supplier will visit the site once in every month to carry out the Preventive Maintenance and diagnostics of the system during the warranty and AMC Period. If the Supplier fails to repair or replace the defective item, IHC will be free to get the same repaired/replaced from the market and its cost will be adjusted from the Supplier's Performance Bank Guarantee & security deposit.
7. The cost of the repairing or replacement of faulty part/component/device during warranty & AMC period of 05 year has to be entirely borne by the contractor.
8. All expenses related to part/component/device, including hiring of specialized technical expertise, in case required, has to be borne by the contractor during AMC period.