

**F. No. CCA/DC(T)/2007-11**

**Government of India**

**Ministry of Communications & Information Technology (MoC&IT)**

**Department of Electronics & Information Technology (DeitY)**

**Office of Controller of Certifying Authorities (CCA)**

**Electronics Niketan, 6 CGO Complex, Lodhi Road, New Delhi -110003.**

**Tender Inquiry No. F. No. CCA/DC(T)/2007-11**

**SHORT TERM TENDER NOTICE**

CCA licenses Certifying Authorities (CAs) to issue Digital Signature Certificates (DSC) under the IT Act, 2000. Office of CCA proposes to implement Surveillance, Access Control, Temperature, Humidity & Water Detection Systems.

Sealed tenders are invited from reputed suppliers for supply, installation & maintenance of Surveillance & Access Control, Temperature, Humidity & Water Detection Systems.

The last date for receiving tenders is 30 days from the date of publication of this advertisement. The detailed terms & conditions may be downloaded from the website of CCA (<http://cca.gov.in>). Any further notification in this regard will be made available **only** on the website [cca.gov.in](http://cca.gov.in).

Sd/-xxxxxxx  
(Col RM Joshi)  
Director (Fin & Admn)  
Ph. No. 24367650/24301330

davp 06108/11/0001/1617

**Government of India  
Ministry of Communications and Information Technology  
Department of Electronics and Information Technology  
CONTROLLER OF CERTIFYING AUTHORITIES  
Electronics Niketan,6, CGO Complex, Lodi Road  
New Delhi – 110 003**

**TENDER DOCUMENT**

**FOR**

**Supply, Installation and Maintenance of Surveillance and Access  
Control and Temperature, Humidity & Water Detection Systems**

**Last Date of submission : 23.08.2016**

**Last date of Clarification : 03.08.2016**

For clarification please contact on email:- [rmjoshi@cca.gov.in](mailto:rmjoshi@cca.gov.in)

Bids to be submitted to:

**Col R M Joshi  
Director (F&A)  
Room No 3030, Office of Controller of Certifying Authorities  
Department of Electronics & Information Technology, Electronics Niketan,  
6, CGO Complex, Lodi Road, New Delhi – 110 003  
Phone:24367650  
FAX:24369542 Email: [rmjoshi@cca.gov.in](mailto:rmjoshi@cca.gov.in)**

## **I. INTRODUCTION**

The Controller of Certifying Authorities (CCA) has been appointed by the Central Government with the aim of promoting the growth of E-Commerce and E-Governance through the wide use of digital signatures.

Office of Controller of Certifying Authorities, issues licences to CAs and signs/certifies their public keys. As the Root CA of India, it certifies the public keys of the CAs, lays down the standards to be maintained by the CAs and performs several other functions to regulate the functioning of the licensed CAs in the country. Licensed CAs issue Digital Signature Certificates.

## **2. SCOPE OF THE PROJECT**

### **A. Supply and Installation of**

- (i) “Biometric Access Control System,
- (ii) Closed Circuit system (DVR) for Monitoring and
- (iii) Temperature, Humidity & Water Detection System

as per the technical specifications given in enclosed Annexure I and

**B. Annual maintenance of the above for a period of five years (one year warranty & four year AMC).**

## **3. ELIGIBILITY CRITERIA**

- a) Bidders should have installed DVR & Access Control system in at least three different sites of Government/Public sector Data centers during the last three years. The client details such as name, contact address, email, phone number etc., should be provided. Proof of installation should be submitted along with the copy of the scope of the order for each client.
- b) Bidder should have had a minimum annual sales turnover of Rs.1 Crore during the last financial year. Self-certified copies of annual report/relevant documents should be enclosed.
- c) The bidder should submit relevant and necessary documents along with the technical bid.
- d) Bidder should support the items for a minimum of 5 years from the date of acceptance.
- e) Bidder should be a reputed Original Equipment Manufacturer (OEM) or its authorized direct distributor / system integrator (DVR & Access Control). In case of an authorized distributor an undertaking, in original, must be submitted from the OEM (DVR & Access Control), in a letter clearly stating that the bidder is an authorized dealer of OEM and that they (OEM) would facilitate the bidder on regular basis with technology / product updates

& also extend support during the maintenance period, is required to be submitted. In the absence of such undertaking, the bid is liable to be rejected.

- f) OEM (DVR & Access Control) support office must be available in NCR to ensure satisfactory after sales service support.
- g) Proof of necessary statutory requirements like registration of Sales Tax, Service Tax, etc., must be enclosed.
- h) The OEM for Camera, DVR and Access control system should have registered company in India and all three items(Camera, DVR and Access control) should be from a single OEM.

**Note: Before submission of the tender, please verify that all the eligibility criteria are being met and ensure that all the terms and conditions are fulfilled.**

#### **4. SELECTION PROCESS:**

The bidders who meet the eligibility criteria and product functional requirements will be considered for financial evaluation. The financial bids of the successful bidders will be evaluated by a committee. The selection of an agency will be on the basis of L1.

#### **5. PRODUCT SPECIFICATIONS & COMPLIANCE STATEMENT**

- a) The bidder should quote only for the latest PRODUCTS OF REPUTED AND WELL KNOWN BRAND / MAKE meeting national / international standards which are in compliance to the technical specifications mentioned in the tender document.
- b) Any deviations must be specifically and clearly mentioned in the form of a COMPLIANCE STATEMENT, as per Annexure I enclosed. In the absence of this, the quotation is liable to be rejected. Complete technical details along with Make, Model and product literature should be enclosed. The compliance statement should be supported by attaching published product literature. The bidder should provide specific References in the compliance statement
- c) Each page of the bid and corrections shall be duly signed and stamped by the bidder. Failure to comply with this requirement may result in the bid being rejected.
- d) In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail. If there is a discrepancy between the unit price and the total price, the unit price shall prevail and the total price shall be corrected.

#### **6. TERMS AND CONDITIONS**

1. The proposals should be submitted with EMD of an amount of Rs. 100000/- in the form of demand draft/pay order/bank guarantee in favor of "**Pay & Accounts Officer, Department of Electronics & Information Technology**", payable at New Delhi. Please write your

name, address and Tel. No. at the back of the demand draft/ bank Guarantee. Tender submitted without EMD will be rejected

2. Offers must be submitted, in two separate sealed covers (Part I and Part II). The first sealed cover duly superscribed "Part I –Technical Bid" should contain details sought in Annexure I and EMD. EMD, as prescribed, shall be deposited in a separate sealed cover along with the Technical Bid. The envelope containing EMD shall be opened first and in case the EMD is not found in order, the tender of the defaulting tenderer shall not be considered. The second sealed cover duly superscribed "Part-II – Financial Bids" should contain copy of financial bid detailing price of each item separately. The financial bid will be opened only if the technical bid is cleared and accepted. Both the above covers may be placed in a third sealed cover superscribed "Supply, Installation and Maintenance of Surveillance and Access Control and Temperature, Humidity & Water Detection Systems".
3. Bids not conforming to the above instructions are liable to be rejected at the discretion of Office of CCA
4. The proposal should reach Director(F&A), Room No 3030, Office of Controller of Certifying Authorities, Ministry of Communications and Information Technology, Electronics Niketan, 6, CGO Complex, New Delhi (Tel: 24301330/24367650) by 1500 hrs. on or before 23.08.2016 Proposals received after the due date and time will not be considered.
5. In the case of agencies whose proposals are not considered for placing order, the Earnest Money Deposit will be refunded (without any interest) after the final decision is taken.
6. Proposals submitted by the bidders shall remain valid for a minimum period of 3 months from the date of opening of the proposal.
7. The Office of CCA will not be responsible for postal delays.
8. The Competent Authority reserves the right to reject any proposal or all proposals, if any of the conditions is not fulfilled or without assigning any reason.
9. Opening of Bids: The bids received within the due date and time will be opened on 23.08.2016, at 03:30 PM, at Room No 3030, in the presence of authorized representatives of bidders.
10. For supply, installation and commissioning, payment will be made on completion and acceptance of work.
11. Bidder needs to submit (within 1 month, after issuance of work order) 10% of the bid amount as performance bank guarantee for a period of 5 years. The performance bank guarantee will be released after successful completion of support period (1 Year warranty + 4 years AMC).
12. The bid shall be on a fixed price basis. Prices should be exclusive of all taxes. Taxes will be paid separately as per prevailing rules of Government of India.
13. The Office of CCA shall be under no obligation to accept the lowest or any other tender received in response to this tender notice.
14. The bid shall not have any pre-condition by bidder. The bid with pre-condition shall be rejected.
15. Office of CCA has the right to cancel the tender in its totality or in parts at its discretion.
16. The supplied Items should be under one year free warranty support service from the date of installation and acceptance and subsequent 4 years under AMC
17. The following conditions should be fulfilled during warranty & AMC:-

- a) The selected bidder must provide 24 x 7 provision (call/web) for registering complaints.
  - b) The selected bidder must initiate action within 6 hours and must arrange for a site visit if required.
  - c) The selected bidder must resolve the registered complaints within 3 working days from the date of registration of the complaint. Beyond this, failure to adhere to the above service requirements will attract penalty of 1% of quarterly AMC charge for every day.
  - d) All software/firmware patches and updates released by the manufactures for the supplied products must be provided timely and be installed free of charge during the support period (1 Year warranty + 4 years AMC).
18. The selected bidder will have to provide details of escalation levels.
  19. In the event of the bidder's Company or the concerned division of the company being taken over/bought over by another company, all the obligations under the agreement with office of CCA should be passed on for compliance to the new company/new division.
  20. The prices (in Indian Rupees) should be quoted as per specifications given in Annexure II .The bidder shall quote for post warranty Annual Maintenance Contract (AMC) for 4 year. Total 5 Years support is required (1 year warranty + 4 years AMC).
  21. After evaluation of all accepted proposals by the evaluation committee, the contract shall be awarded to the bidder having lowest financial bid based on cost of installation and AMC for 4 years.
  22. The delivery and installation should be completed strictly within 8 weeks time from the date of purchase order.
  23. The bidder should provide a technical requirements compliance sheet with a reference to their product specification.
  24. The bidder should also provide layout diagram of the component installed along with cabling free of cost after installation.
  25. The bidder should also provide manual and training free of cost.
  26. AMC payment will be made quarterly on satisfactory service.

**TECHNICAL BID****1. BIOMETRIC ACCESS CONTROL SYSTEM – 4 DOORS**

<b>SL</b>	<b>ITEM</b>	<b>QUANTITY</b>
1	IP-enabled 2 - door intelligent controller with a 32-bit CPU architecture, TCP/IP protocol support, flash memory for firmware and large local card holder database with CE, FCC and C-TICK approvals	4 Doors
2	A Reader which is capable of doing 3 levels of authentication Biometric IP Based Finger Print RFID Reader/Controller, Mullion Mount for both entry & exit Smart/Proximity Card Pin (keypad)	8 Readers
3	Smart/Proximity Card	15 Numbers
4	600 lbs Electromagnetic locks	4 Doors
5	12V, 5A Power Supply for controllers, readers and locks	As required
6	Emergency Door Release	4
7	Magnetic contact/ Door position sensor	4
8	Access Control System software package with real time access event monitoring, control and response, door Modes, advanced reporting facility, Anti pass-back processing and other comprehensive security solution features	1
9	Computer system with 21” LCD monitor for above mentioned access control	1
10	Finger Print Reader enrolment kit	1
11	Proximity card enrolment Kit	1
12	Required Cabling	As required
13	Provision for reports printing	Integrated Software based
14	Any other pre requisites to make the access control system operational at the proposed site	

## 2. VIDEO SURVEILLANCE SYSTEM

S L	ITEM	QUANTITY
1	IP fixed Dome Camera with Network True Day & Night vision , 1/4" Progressive Scan, CMOS, 720p Resolution Camera, 3.3-12 mm VFAI, 24 VAC or PoE IEEE 802.3af, PAL	14 Nos
2	Video Management Software with a support of minimum 16 cameras, which supports RAID 5 , IP Based, ONVIF Compliant, running on industry standard Microsoft OS	1
3	Computer system with 21" LED monitor for above mentioned Surveillance System with 2 TB (or above) HDD.	1
4	24 Port PoE switch for the cameras	1
5	Cabling : Use co-axial cable/ Cat-5e or Cat-6x cables and Metallic conduct shielded	As required
6	21" LED Colour monitor for the external surveillance display	1
7	<p>50" Full HD Color Display for the internal surveillance</p> <p><b>Note:</b> The outputs of the CCTV cameras and other outputs/notification shall be multiplexed/integrated in such a way that all the outputs can be viewed on a single monitor inside the facility and also at security desk.</p> <p>1.Active Screen Diagonal - 50" or higher</p> <p>2.Technology - LED Based</p> <p>3.Resolution - minimum 1920x1080(full HD), Colors - 16.8 million, aspect ratio - 16:9</p> <p>4.Viewing angle - 178 degrees or higher</p> <p>5.Response time - less than 8 secs</p> <p>6.Dots per inch – Minimum 52dpi or more</p> <p>7.Standard inputs - DVI,VGA(D15), S-Video, Composite Video, Component Video (YPbPr, YCbCr),HDMI,USB</p> <p>8.Supported resolution - On composite, S-video and component inputs</p> <p>9.PAL - Secam 576i, NTSC 480i</p> <p>10.On DVI and VGA inputs: VESA: VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA; SMPTE-296M(1280 x 720p); SMPTE-274M (1920 x 1080i and 1920 x 1080p)</p> <p>11.Control - RS232, On screen display, IR Remote control</p> <p>12.Mounts - VESA MIS F, 600, 200, 8</p>	1
8	Any other pre requisites to make the DVR system operational at the proposed site	

## ESSENTIAL REQUIREMENTS

SL	REQUIREMENTS	COMPLIANCE
1.	The recorder shall have a built in watchdog that will automatically restart after a power failure and begins to record as per its configured settings.	
2.	The recorder shall provide the ability to manually 'back up' recorded data to hard disk or DVD / RAID while the unit continues to record.	
3.	The recorder shall be programmed using a keyboard and mouse via on screen menus.	
4.	The recording of the recorders are watermarked and compressed (for storage)	



	requiring backup software to open and view them. In addition, images backed up in bitmap or JPEG format can be verified for authenticity. The recording can be played using Microsoft windows based players.	
5.	The DVR shall have 100% system compatibility with the cameras. All the components in the DVR including hard disc etc. shall be provided for the manufactures factory not locally assembled. 100 % finished goods shall be supplied from the manufacturer.	
6.	The DVR shall have each channel individually programmable.	

### 3. HUMIDITY & TEMPERATURE MONITORING SYSTEM

SL	ITEM	QUANTITY
1	Humidity & Temperature Detection system	2
2	Cabling	As required
3	Alarm and display	2

The temperature and Humidity shall be monitored by the system continuously. The real time data shall be displayed on the display unit where other outputs are displayed for Control and monitoring purpose and alarm as pre set by the user shall be triggered by the system if sudden changes are detected by the system. The system should be capable of logging the event/alarm also.

### 4. WATER DETECTION SYSTEM

SL	ITEM	QUANTITY
1	Water Detection System	6
2	Cabling	As required
3	Alarm	2

### ESSENTIAL REQUIREMENTS

SI	Requirements	compliance
1.	The water leak detector shall be able to detect accumulation of water in the Server Room area and alert the Security desk through alarm module.	
2.	Water Leak Detection system should consist of water leak detection module, cable and an alarm.	
3.	The water leak detection module shall be installed in the floor areas around the Server Room and should be able to alert Security Desk using alarm	
4.	Water Leak Detection system should be able to detect 1 cm height of water on the floor of the Server Room.	

**PRICE BID**

1. Name of the bidder with address:

**2. PRICE QUOTE-INSTALLATION AND WARRENTY**

Sl no	SYSTEMS	Price
1.	BIOMETRIC ACCESS CONTROL SYSTEM	
2.	VIDEO SURVEILLANCE SYSTEM	
3.	HUMIDITY & TEMPERATURE MONITORING SYSTEM	
4.	WATER DETECTION SYSTEM	
9.	*Cabling Cost (1000mts)	
10.	*Conduit Cost (PVC)(1000mts)	
	Total (A)	

**PRICE QUOTE - AMC ( Including Cable Replacement)**

Sl. No.	Item Description	Post Warranty First Year AMC	Post Warranty Second Year AMC	Post Warranty Third Year AMC	Post Warranty Fourth Year AMC
		Rs	Rs	Rs	Rs
		(a)	(b)	(c)	(d)
1.					
2.	Grand Total installation Warranty(1year) & AMC for (4 years) (B):				

**TOTAL PRICE QUOTE (A)+(B)= \_\_\_\_\_**

*Note: All prices must be exclusive of all taxes.*

*The applicable tax will be paid by Office of CCA.*

*The selection of L1 will be on the basis of lowest of (A) +(B)*

*\* Cable & Conduit Cost will be as per actual*