

F. No. CCA/DC(T)/2012-03

Government of India

MINISTRY OF COMMUNICATIONS & INFORMATION TECHNOLOGY  
DEPARTMENT OF ELECTRONICS & INFORMATION TECHNOLOGY

**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)/2012-03**

**SHORT TERM TENDER NOTICE**

CCA licenses Certifying Authorities (CA) to issue Digital Signature Certificates under the IT Act, 2000. Office of CCA proposes to implement Online Certificate Status Protocol (OCSP) service for checking revocation status of CA certificates issued by CCA to licensed CAs.

Sealed tenders are invited from reputed suppliers of cryptographic Hardware Security Module (HSM) & Online Certificate Status Protocol (OCSP) Software for providing OCSP solution integrated with HSM to launch the OCSP service.

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/- (Col R.M, Joshi)

Director (F&A)

Ph. No. 24301330/24367650

**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, Testing and Commissioning of  
Hardware Security Modules(HSMs)**

**Last Date of submission : 12.02.2016**

**Last date of Clarification (if any) : 25.01.2016**

**Col R.M Joshi,**  
**Room No 330, Office of Controller of Certifying Authorities**  
**Department of Electronics & Information Technology, Electronics Niketan,**  
**6, CGO Complex, Lodi Road, New Delhi – 110 003**

## SHORT TERM NOTICE INVITING TENDER

Sealed tenders, valid for 90 days from the date of opening, are invited from experienced and reputed firms for Supply, Installation, Testing and Commissioning of Hardware Security Modules(HSMs) with the following configuration for Office of CCA, Electronics Niketan, 6, CGO Complex, New Delhi. -110003

<b>HSM Specification</b>	
Operating System	Support for Microsoft Windows 2012
Physical Characteristics	Should Support PCIe (enhanced PCI)
Host Connectivity	PCIe x4(preferably should support PCIe x1 and PCIe x4) with Smart Card Reader. Should be Suitable for Rack Mount Server
Application Program Interfaces (APIs)	PKCS#11, Java (JCE), Microsoft CAPI
Support Availability in India	Support should be available in NCR and should be able to provide support at Hyderabad NIC datacenter.
Cryptography	Asymmetric public key algorithms: RSA (2048, 4096 or higher) with optional ECC support
Hash/message digest:	SHA-2 (224, 256, 384, 512bit)
Safety, Security and Environmental Compliance	FIPS 140- Level 3, NIST SP 800-131A.
RSA Signing transactions per second for Key Length 2048 bit	130
Qty Required	Total =3

**Table 1 HSM Specification**

Following shall be the terms and conditions of the tender:-

1. The HSM Original Equipment Manufactures (OEMs) or their authorized agents in India should quote directly.
2. List of organizations where HSM are installed and maintained in India over the past 5 years should be provided as reference.
3. Letter of assurance from the OEM stating support for next 6 years or till the end of Life of HSM, whichever is maximum, should be included.
4. The bidders should submit documentary evidence and confirmation regarding the above along with the **Technical Bids**.
5. **Submission of Offers:** The tender should be submitted alongwith EMD for an amount of Rs 1.00 Lakhs in the form of Demand Draft/Bank Guarantee from nationalized/scheduled bank 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 Demand Draft/ Bank Guarantee will be rejected.**

6. 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 two copies of Item details along with specifications, EMD and company profile. EMD, as prescribed, shall be deposited in a separate sealed cover alongwith 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 "**Tender for Supply, Installation, Testing and Commissioning of HSMs for Office of CCA, Electronics Niketan, 6,CGO Complex, Delhi**".
7. Bids not conforming to the above instructions are liable to be rejected at the discretion of Office of CCA.
8. The tender should reach The Director, Room No 330, Office of Controller of Certifying Authorities, Department of Electronics & Information Technology, Ministry of Communications and Information Technology, Electronics Niketan, 6 CGO Complex, New Delhi in a sealed cover by **1500 hrs. on or before 12.02.2016**. Bids received after the above due date and time will not be considered.
9. **Opening of Bids:** The bids received within the due date and time will be opened by the Tender Opening Committee at **15.30 hrs. on 12.02.2016 in the Office of CCA** in the presence of authorized representatives of bidders.
10. The quantity of items to be purchased, as indicated above, can vary.
11. The Office of CCA shall not be responsible for postal delays.
12. The Competent Authority reserves the right to reject the tender, if any of the conditions is not fulfilled or without assigning any reason.
13. HSM along with Card readers and interface software should be under one year free on-site warranty support service from the date of installation and acceptance at Site, including free provision of spare parts, kits as and when necessary.
14. The following conditions should be fulfilled during Warranty & AMC:-
  - a. The response time for providing solution/fixing the issues raised shall be less than 4 hours from the time of reporting.
15. The decision of Office of CCA arrived at as above will be final and no representation of any kind will be entertained on the above. Any attempt by any bidder to bring pressure of any kind, may disqualify the bidder.
16. The bidder should have a strong technical and maintenance support base in Delhi or NCR. Details of the same must be provided.
17. 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 by the new company/new Division in the negotiation for their transfer.

18. The prices in Indian rupees should be quoted as per specifications given in the Table 1 inclusive of Interfaces, smart cards and readers, Documents such as Systems and Operating Manuals, Packing, Forwarding, Freight, Excise and installation charges. Sales Tax, if applicable, may be shown separately. The format for price bid is given in the annexure-I
19. The supply, installation and commissioning of all items, as mentioned in Table I , will have to be made within 6 weeks from the date of issue of Purchase Order.
20. On receipt of the purchase order, the bidder shall obtain all the necessary documents for the State Entry Permit in respective States wherever required by them for complete and safe delivery of the ordered products, so as to avoid any delays on account of these formalities.
21. The bidder shall quote for post warranty Annual Maintenance Contract (AMC) for 5 year. Total 6 Years support is desired (1 Year warranty + 5 years AMC).
22. 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 equipment plus 5 years AMC.
23. The HSMs should be able to be installed in rack mount server (2U).
24. The vendor should provide assistance for integrating with OCSP software application.
25. After Initial installation, HSMs should be able to work without need for human intervention.
26. Apart from the Item and AMC cost there should not be any direct and indirect cost which includes, but is not limited to backup, replication, firmware upgrade etc

## Bill of Material and AMC Charges

### 1. List of Items

Sl. No	Components	Qty	Rate	TAX	Total
1.	HSM and all related peripherals	3 nos			
<b>Grand Total excluding TAX (a)</b>					

### 2. AMC

Sl. No.	Item Description	Post Warranty First Year AMC	Post Warranty Second Year AMC	Post Warranty Third Year AMC	Post Warranty Fourth Year AMC	Post Warranty Fifth Year AMC
		Rs	Rs	Rs	Rs	Rs
		(i)	(ii)	(iii)	(iv)	(v)
1.	HSM and all related peripherals					
2.	Total					
<b>Grand Total AMC for 5 years excluding TAX (b):</b>						

Grand Total (a+b) = Rs : \_\_\_\_\_  
 Amount in words : \_\_\_\_\_

**Note:** Prices should be exclusive of all taxes. Taxes will be paid separately as per prevailing Govt of India rule.