

**Unique Identification Authority of India (UIDAI)
Planning Commission, Government of India**

Reference Number: K-11020/55/2012-UIDAI (Auth)



**Limited Tender
For
Procurement of USB Fingerprint Biometric Devices**

November 02, 2012

Last Date for Receipt of Tender: 23-11-2012, 15.00Hrs.

Opening of Tender: 23-11-2012, 15.30Hrs.

**Unique Identification Authority of India
Planning Commission, Govt of India
3rd Floor, Tower II, Jeevan Bhariti Building,
Connaught Circus, New Delhi-110 001**



To,

M/s

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No: - K-11020/55/2012-UIDAI

Dated: 02-11-2012

Sub: Limited tender for “Procurement of USB Fingerprint Biometric Devices”

ON BEHALF OF PRESIDENT OF INDIA, Unique Identification Authority of India, Planning Commission, Govt. of India, invites the Wax/Tape sealed tenders under two-bid system (Technical Bid & Commercial Bid) from experienced and reputed Biometric Device vendors for “Procurement of USB Fingerprint Biometric Devices”. The bids will be received in the office of ADG (Authentication), 9th Floor, Jeevan Bhariti Building, Connaught Circus, New Delhi-110 001 up to 15:00 hrs. of 23-11-2012 and Technical Bids will be opened on same date at 15:30 hrs. in the presence of bidders or their authorized representatives.

The schedule of requirement is given below: -

Sl No	Name of Items	Quantity Required	Estimated Cost (for total devices)	EMD	Quoted Rate* per set
1.	FAP 20 Fingerprint USB Biometric Device for Windows, Android and Linux platforms (Capacitive/Optical/ Multispectral sensor technologies)	55 Nos.	Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousands)	Rs. 6,875/- (Rupees Six Thousand Eight Hundred Seventy five only)	(a) In Figure Rs..... (b) In words (Rs).....
2.	FAP 10 Fingerprint USB device for Windows, Android and Linux platforms (Capacitive/Optical/ Multispectral	30 Nos.	Rs. 90,000/- (Rupees Ninety Thousands)	Rs. 2,250/- (Rupees Two thousand two hundred fifty only)	(a) In Figure Rs..... (b) In words (Rs).....

	sensor technologies)				
3.	FAP 10 Fingerprint USB device for Windows, Android and Linux platforms (Optical/ Multispectral sensor technologies)	35 Nos.	Rs. 1,05000/- (Rupees One Lakh Five thousand)	Rs. 2,625/- (Rupees Two thousand Six hundred twenty Five only)	(a) In Figure Rs..... (b) In words (Rs).....
4.	Biometric Fingerprint sensors with STQC FRR to be equal to 1% or below 1%. (Windows platform is mandatory and other platforms are optional)	25 Nos.	Rs. 75,000/- (Rupees seventy five thousand)	Re. 1,875/- (Rupees One thousand eight hundred and Seventy five only)	a) In Figure Rs..... (b) In words (Rs).....

'*' Rates will be composite i.e. Inclusive of all taxes, octories, transport etc.

Signature of Bidder with Seal

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A. Terms & Conditions

- 1. Wax sealed Tender (complete signed and sealed tender document) should be addressed to ADG(Authentication) , 9th Floor, Jeevan Bhariti Building, Connaught Circus, New Delhi-110 001. The envelope should bear the words at the top "Limited tender Procurement of USB Fingerprint Biometric Devices".**
- 2. The bids will be received in the office of ADG(Authentication) , 9th Floor, Jeevan Bhariti Building, Connaught Circus, New Delhi-110 001 up to 15:00 hrs. of 23-11-2012 and Technical bids will be opened on same date at 15:30 hrs. in the presence of bidders or their authorized representatives.**
- 3. The intending tenderers have to deposit EMD for respective item (mentioned in the schedule of requirement on pages 3 & 4) separately by A/C payee Demand Draft in favour of "PAO, UIDAI, New Delhi" payable at New Delhi. The tender without EMD will be rejected straight way.**
- 4. A bidder can submit proposal for one or more items, but each proposal should be submitted separately (in separate envelop) and each item will be evaluated separately.**
- 5. The Bidder must put his signature and seal in all pages of document and must fill Specifications offered in para-C (Device Hardware Requirement) of tender document at page No.10-11. Without this, bid will not be considered.**
- 6. The tenderers are advised not to mutilate or erase in figures, the tender on this A/C are liable to be rejected.**
- 7. No interest shall be payable by UIDAI on EMD.**
- 8. EMD of the tenderer shall be forfeited, if he withdraws his offer before finalization of tender or deny signing the contract/ agreement if his offer is accepted and approved by competent authority.**
- 9. The EMD of the successful tenderer will be returned after submission of Performance Bank Guarantee which detail is given in the payment terms (clause 21.2) .**
- 10. The Sales tax if any as applicable will be deducted from the supplier's bill.**
- 11. The Income Tax as applicable will be deducted from the supplier's bill.**

12. Supply of devices may be made within a period of four weeks from issue of work order.
13. In case of supply of sub standard items, this office has full authority to reject the approved tender and discontinue the transaction and the SD/ PBG will be forfeited.
14. If the supplier fails to complete the supply of devices within stipulated period a penalty of @ 2.5% per week subject to maximum of the 10% of total cost will be imposed. However in case of any natural calamity, disturbances in Town or any other reason to prove genuine cause of delay in work, Director General, UIDAI or any other officer nominated by him shall be empowered to grant extension in stipulated period.
15. Bill may be submitted to Authentication Division, UIDAI HQ in duplicate. Payments will be made subject to availability of funds after deduction of Income Tax & other taxes as applicable.
16. The supplier will be bound to follow instruction issued by the UIDAI Office on the subject matter from time to time as per requirement of the department.
17. UIDAI has right to cancel any or all tenders without assigning any reason what so ever.
18. The tenderer will have to provide Sale Tax Registration, Service Tax Registration, and Income Tax PAN No.
19. The rates in words & figures should be quoted on the prescribed tender form (page Nos. 3 of document) only. Quoting the rates on other documents will not be entertained.
20. Court case, if any, shall be entertained in Delhi jurisdiction only.

21. Payment Terms:

21.1 Payment shall be made only after completion of supply and acceptance testing of the devices above, to the entire satisfaction of UIDAI or any other agency nominated by UIDAI.

21.2 No payment shall, however, accrue until after the Performance Guarantee Bond in the form of a Bank Guarantee (BG), which shall be equal to 10 % of the value of the order and valid up to six months of the expiry of warranty period, has been furnished. This BG shall be submitted by the selected Vendor within 10 days of issue of the firm purchase order by this office.

21.3 It should be noted that acceptance testing, have to be duly certified by the committee approved by the DG, UIDAI for release of payments as per 21.1 and 21.2 above.

22. The items supplied would be under **Three Years Comprehensive Warranty (Software & Hardware)**. The vendor should fulfill the following condition during the warranty period:

- (a) Any failure in the Device or in Software (Device driver, SDK or Extractor) thereof should be rectified within maximum period of 24 hours of lodging complaint.
- (b) If any of the system/subsystem is down beyond 24 hours, penalty will be charged per hour per Device/software at the rate of Rs. 100/- (Rupees One hundred only.)

23. Vendor solution should support licensing of any associated software/drivers on any number of devices without any restriction.

- a. In the event the license terms require any hardware details for activating the license, during the support period vendor should activate the license upon receiving the service request with hardware details.
- b. If activation activity is not done beyond 24 hours, penalty will be charged per hour per system at the rate of Rs.100/- (Rupees One hundred only.)

24. Vendor shall provide the CD of Device Driver, SDK and Fingerprint Extractor for all the required Operating System.

25. Submission of Bids:

a) Sealing and Marking of Bids

- 1. The Bidders shall seal the envelopes in separate inner envelopes, duly marking the envelopes as "Envelope No.1 – Technical Bid" and "Envelope No.2 Commercial Bid" along with the RFP name and reference number. Bidder shall then place these envelopes in an outer envelope. All inner envelopes and outer envelope should be addressed to:

ADG, Authentication

Unique Identification Authority of India (UIDAI),
Planning Commission, Govt. of India (Gol),
9th Floor, Tower I, Jeevan Bharati Building,
Connaught Circus, New Delhi – 110001.

- 2. A bidder can submit proposal for one or more item, but each proposal should be submitted separately (in separate envelop) and separate EMD is required for each item.
- 3. Demand Draft of EMD should be placed in outer envelope along with inner envelopes.
- 4. All inner envelopes shall indicate the name and address of the Bidder.
- 5. If the outer and inner envelopes are not sealed and marked, the Tendering Authority will assume no responsibility for the Bid's misplacement or premature opening.
- 6. Telex, cable or facsimile bids will be rejected.

26. Consignee Details :

Selected vendor has to submit devices along with CD of Device Drives, SDK, extractor SDK and sample source codes to ADG, Authentication, UDAI HQ, and New Delhi.

27. Selected vendor has to give training of operation and maintenance of device and integration of device driver and extractor software without any extra charges.

28. Opening of Bids:

Technical bids of bidder will be opened by Bid Opening Committee in the presence of bidder's representatives.

29. Evaluation of Bids:

Technical bids of the bidders will be evaluated by evaluation committee based upon specifications defined in the RFP document. Commercial bids of only those bidders who will qualify in the Technical bids. Commercial bids will be evaluated based upon price quoted by bidders. Finally the work will be awarded to L-1 bidder (Technically qualified and lowest quoted in Commercial bid).

Name & Signature of Bidder

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B. Requirement

The following provides an overview of the requirement.

The Unique Identification Authority of India (UIDAI) through its Regional Offices (ROs) proposes to perform Aadhaar authentication demonstrations to various AUAs to conduct fingerprint authentication, UIDAI would require to procure devices to perform biometric authentication using PC or equivalent devices. For demonstration purpose, UIDAI will use existing demonstration authentication client application which may be used for Aadhaar authentication. The selected bidder will need to further integrate biometric sensors with the Authentication Application.

Devices are also required for conducting various field studies, proof concept and demonstration of various applications and schemes.

Brief introduction to Aadhaar authentication is provided in the paragraphs below.

Aadhaar Authentication

Aadhaar authentication is the process wherein Aadhaar Number, along with other attributes, including biometrics, are submitted online to the UIDAI's CIDR for its verification on the basis of information or data or documents available with it.

For more details refer to [Aadhaar Authentication API 1.6](http://uidai.gov.in/images/FrontPageUpdates/aadhaar_authentication_api_1_6.pdf) published by UIDAI at http://uidai.gov.in/images/FrontPageUpdates/aadhaar_authentication_api_1_6.pdf

Brief introduction to Aadhaar authentication is provided in the paragraphs below.

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C. Device hardware requirements

The following table specifies minimal hardware requirements.

Biometric scanner specifications

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. All the parameters of Biometric Sensor /Extractor should as per latest STQC specification of Biometric Authentication devices.</p> <p>2. Sensor / Extractor should be Certified/ Provisionally Certified by STQC.</p> |
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Software/Application specifications and scope of services

Component	Minimum Requirement	Specifications Offered
OS support	For requirements 1,2 and 3, software must support installation on Windows /Linux and Android environments. For Requirement 4, device must support all windows platforms.	
API Support	All fingerprint sensors must provide DLLs on windows platform which provides compliance to Biometric Fingerprint API Version 0.93 for Sensor Integration. API specification document is attached for reference.	
Warranty and Support	<p>3 year warranty and on-field support on software/applications including software updates and upgrades to future revisions of the Biometric Fingerprint API must be supported on Windows/Android/Linux platforms, as and when revised, during the period.</p> <p>Vendor will provide the support of upgraded version of all the required Operating Systems during currency of warranty.</p>	

Vendor has to provide following details:

<i>Sl No.</i>	<i>Required detail</i>	<i>Vendor response</i>
1.	Name and address of Vendor	
2.	Contact person name, email and mobile number.	
3.	Device make, model and version	
4.	Platen Size (FPA 10 or FAP 20)	
5.	STQC FRR value	
6.	Type of Sensor (Optical, capacitive or multispectral)	
7.	Extractor detail (OEM and version)	
8.	Operating System Supported (Windows , Android, Linux etc.)	

Name & Signature of Bidder

[Biometric Fingerprint API Version 0.93 for Sensor Integration](#)