

No.PC-29/001/FSL-EQPTS/NIA/2016-17/ 4856-67  
National Investigation Agency  
Government of India  
Ministry of Home Affairs  
6<sup>TH</sup> & 7<sup>TH</sup> Floor, NDCC-II  
Palika Kendra, Jai Singh Road  
New Delhi -110001


Dated: 06<sup>th</sup> April 2017

LIMITED TENDER NOTICE

The Director General, National Investigation Agency, Govt. of India, Ministry of Home Affairs, 6<sup>th</sup> & 7<sup>th</sup> Floor, NDCC-II, Palika Kendra, Jaisingh Road, New Delhi invites sealed quotations from OEMs (Original Equipment Manufacturers) or OEM authorized distributors for procurement of 10 Nos Finger Print Enrolment Device and 01 No Live Scanner System for NIA. The technical specification of the equipment's is attached as per Annexure-A" and "B". The Finger Print Enrolment Device is required to be installed one (01) each at NIA Branch Office Kochi, Hyderabad, Mumbai, Lucknow, Kolkata, Guwahati, Raipur, Jammu and 02 Nos (Two) at NIA HQ New Delhi. The Live scanner system is to be installed at NIA HQ New Delhi.

2. The Tender Document can also be downloaded from the NIA website <http://www.nia.nic.in>. In this case, the Bid (Technical) should be accompanied by a Demand Draft of Rs.500/- (Rupees five hundred only) on account of tender evaluation fee which is non-refundable drawn on any Nationalised Bank in favour of "Pay & Accounts Officer", National Investigation Agency, payable at New Delhi.

3. Sealed quotations, duly super-scribed "Quotation for supply of Finger Print Enrolment Devices & Live Scanner System" and addressed to the undersigned, may be deposited in the Tender Box kept at Main Reception, National Investigation Agency, 7<sup>th</sup> Floor, NDCC-II, Palika Kendra, Jaisingh Road, New Delhi-01 **not later than 14:00 Hrs. on 28<sup>th</sup> April 2017.** The quotations may also be sent by post so as to reach the undersigned by due date and time. Quotations received after stipulated date/time shall not be entertained.



DIG (Adm)

National Investigation Agency

Encl.: Tender Document dated 06<sup>th</sup> April 2017.

DETAILED INFORMATION/TERMS & CONDITIONS IN CONNECTION  
WITH THE TENDER FOR SUPPLY OF FINGER PRINT ENROLMENT DEVICE  
AND LIVE SCANNER SYSTEM TO NIA

Sealed Bids are invited by the National Investigation Agency, for supply of 10 Nos Finger Print Enrolment Device and 01 Live Scanner System to NIA. The time schedule is as under:-

Closing Date & Time for Receipt of Tender: **28<sup>th</sup> April 2017 (14:00 Hrs.)**

Place for Submitting of Tender: Tender Box kept at Main Reception,  
National Investigation Agency,  
7<sup>th</sup> Floor, NDCC-II  
Jaisingh Road, Palika Kendra  
New Delhi-01

Tender Opening (Technical Bid) Date & Time: **28<sup>th</sup> April 2017 at 16:00 Hrs.**

Place of Tender Opening: Conference Hall,  
National Investigation Agency,  
7<sup>th</sup> Floor, NDCC-II  
Jaisingh Road, Palika Kendra  
New Delhi-01

The Technical Bid should be accompanied by a Demand Draft of Rs.500/- (Non – Refundable) on account of tender evaluation fee drawn in favour of PAO, NIA (MHA) payable at New Delhi. This Tender Documents may also be downloaded from the NIA website <http://www.nia.nic.in>.

2. **SUBMISSION OF BIDS** :- The Bid, in the prescribed format in a sealed cover, duly super scribed "Quotation for supply of Finger Print Enrolment Device and Live Scanner System to NIA" and addressed to the DIG (Adm), National Investigation Agency, 7<sup>th</sup> Floor, NDCC-II, Jaisingh Road, Palika Kendra, New Delhi-01 should be sent by Registered Post or deposited in the Tender Box kept at Main Reception Gate, 7<sup>th</sup> Floor, NDCC-II, Jaisingh Road, Palika Kendra, New Delhi-01, not later than 14:00 Hrs on **28<sup>th</sup> April 2017**, containing two separate sealed covers – One containing "TECHNICAL BID" and another containing "FINANCIAL BID".

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2.1 **TECHNICAL BID** :- First sealed cover super scribed as "TECHNICAL BID for Supply of Finger Print Enrolment Device and Live Scanner System to NIA" should contain following documents:-

- a) VAT / Sales Tax Registration Certificate along with TIN Number.
- b) Authorization certificate from the OEM (Original Equipment Manufacturer).
- b) Earnest Money Deposit for Rs.15,000/- (Rupees Fifteen thousand only) as per clause no.4 of the Tender Enquiry Document.
- c) Tender Fee, in the prescribed form, in case of the Tender Document is downloaded from website.
- d) Copies of Income Tax Return filed along with balance sheets for the last three financial years.
- f) Bidders should not have been blacklisted by Departments/Ministries of the Govt of India. Letter should be submitted as per **Annexure-C**.

2.2 **FINANCIAL BID** :-

Second sealed cover super scribed as "Financial Bid" should contain price schedule, duly signed and stamped on each page, in the prescribed format. Unstamped and / or unsigned Bids will not be entertained. The price bid should be in the same format as per **Annexure – D (Without VAT)** and the percentage of VAT to be mentioned separately against the quoted price. The rates are also to be inclusive of all i.e., cost of item, delivery charges and all other taxes except VAT.

2.3 The bidders should quote their unconditional rates, strictly as per the tender format. Cutting / overwriting, if any, should be countersigned.

2.4 The tenderer has to quote the rates of each of the items mentioned in Annexure – III otherwise, the Financial Bid would not be considered by the department.

### 3. **OPENING OF THE BIDS**

3.1 The Technical Bids will be opened on the date indicated at para – 1 above at 16:00 Hrs on **28<sup>th</sup> April 2017** at Conference Hall, 7<sup>th</sup> Floor, NDCC-II, Palika Kendra, Jaisingh Road, New Delhi-01 in the presence of the bidders or their representatives who may like to be present.

3.2 Financial Bids of the eligible bidders who are technically qualified will be opened on a later date. The date, time and venue for opening of financial bids will be informed later.

3.3 Late Bids: Bids received after the specified date and time, as indicated in para – 1 above, will not be considered.

3.4 The technical bids will be evaluated by a duly constituted Tender Process Committee.

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#### 4. EARNEST MONEY DEPOSIT (EMD) / BID SECURITY

- 4.1 EMD of Rs.15,000/- (Rupees fifteen thousand only) in the form of demand draft/banker's cheque from any commercial bank payable in favour of the Pay and Accounts Officer, NIA (MHA), New Delhi, must accompany the Technical Bid. The Bidder may write the tender No., name and address of the bidder on the reverse of EMD Draft/Banker Cheque. The Tenders received without EMD / Bid Security will be summarily rejected.
- 4.2 The firms registered with DGS&D/National Small Industries Corporation (NSIC) /Ministry of Home Affairs are exempted from depositing bid security. However, they have to enclose valid registration certificate (s) with their tender in a sealed envelope super scribed "BID SECURITY DEPOSIT".
- 4.3 EMD of all the unsuccessful bidders will be returned to them within one month after finalisation of the contract. EMD of the successful bidders will be returned only after receipt of the Performance Security. In case of successful tenderers, the Bid Security may be adjusted towards the Performance Security Deposit to be payable, on request.
- 4.4 The amount remitted towards Bid Security is liable to be forfeited if the tenderer resigns from the offer after submission of the tender or after the acceptance of the offer by the department or fails to sign the contract or to remit the Performance Security Deposit.
- 4.5 No interest will be paid by the department on the BID / Performance Security deposited /remitted.
- 4.6 The EMD may be forfeited, if a Bidder withdraw his bid during the period of bid validity, specified by the Bidder in the Bid and/or on submission of false documents/under taking.
- 4.7 The submission of EMD is compulsory for all the bidders and no exemption will be granted for submission of EMD in any case.

#### 5. PERFORMANCE SECURITY

- 5.1 The successful bidder will have to furnish **10% of the total cost of the stores as Performance Security** in the form of FDR/Bank Guarantee or demand draft from any of the commercial bank, in favour of the Pay and Accounts Officer, NIA, (MHA), New Delhi, within 15 working days of the award of the contract.
- 5.2 Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
- 5.3 Performance Security will be forfeited if the firm fails to perform any of the terms or conditions of the contract.
- 5.4 In case, the firm fails to supply any of the items within specified delivery period, the materials will be procured from open market and the difference of cost, if any, will be recovered from Security Money or from pending bill of defaulting firm or from both in case the recoverable amount exceeds the amount of Performance Security.

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6. **Period of Validity of Tender**

The tender will remain valid for 90 days. A tender for a shorter period shall be rejected by the department, being non-responsive. The rate quoted excluding VAT should remain same during the entire contract period. No demand for revision of rate on any account shall be entertained during the contract period. It will be open to the DG NIA to extend the term agreement for a further period, if necessary.

7. **LIQUIDATED DAMAGES**

The date of delivery and quality of equipment stipulated in the acceptance of tenders should be deemed to be essence of the contract and delivery must be completed not later than the dates specified therein. Extension will not be given except in exceptional circumstances. Should, however, deliveries made after expiry of the contracted delivery period, without prior concurrence of the department and be accepted by the consignee, such delivery will not deprive the department of its right to levy a penalty @ 0.5% per week or part thereof, on the total value of the late delivered quantity for the period by which it exceeds the stipulated 15 (fifteen) working days' time period, from the date of issue of each supply order, subject to a maximum of 5%. In the event of delay of more than 6 weeks, purchaser will have the right of revoking purchase order and forfeiting the Security Deposit.

8. **PAYMENT TERMS**

The payment will be made after successful delivery of all the stores to the consignee(s) on production of following documents:-

- 8.1 Receipt from the concerned officer in the location for having received the material with quantity of each item.
- 8.2 Bills in triplicate should be sent later and the payment shall be released only after it is ensured that the items / quality of the items supplied are to the entire satisfaction of the department. If any item is found to be defective, or not of the desired quality etc., the same shall be replaced by the firm(s) immediately for which no extra payment shall be made.
9. In case the bidders / successful bidder(s) are found in breach of any condition(s) at any stage of the tender, legal action as per rules / laws shall be initiated against the agency concerned. In that case, Earnest Money / Performance Security Money, deposited shall be forfeited after giving proper opportunity through show cause notice.
10. The Tender Processing Committee, in order to satisfy itself, may conduct a spot enquiry to verify soundness, capability and viability with regard to capacity to execute the orders placed on the firms(s) and also may check the godowns of the firm(s).
11. Due to criticality of the requirement, this office may, if it feels necessary, split any / all the supply orders to more than one firm at the rate quoted by L-1 firm. A committee will consider the option for splitting the supply to more than one

*James*  
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firm after assessing the bids. In case the supply is split among two firms, the ratio will be 60% from L-1 and 40% from the other sequential firm (L/2, L/3, L/4 etc.). The splitting of the supply order at 60% and 40% may be quantity-wise, item-wise or amount-wise. However the department reserves the right to alter this ratio if it is found that there is a deficiency in the service provided by either vendor.

12. The DG, NIA reserves the right to accept or reject any or all the tenders in part or in full, without assigning any reason thereof and NIA is not bound to accept the lowest or any tender.
13. The department reserves the right to relax / amend / withdraw any of the terms and conditions contained in the Tender Documents without assigning any reason thereof. Any inquiry after submission of the quotation will not be entertained.

14. **OTHER TERMS AND CONDITIONS :-**

- 14.1 The owner / manager of the firm should be available on his / her own direct telephone (office as well as residence) and also on mobile phone so as to call in emergent case. The mobile number should also be given.
- 14.2 No advance payment will be made in any case.
- 14.3 Income Tax : Deductable at source from supplier's bill, as applicable.
- 14.4 The firm must have an annual turnover of at least **Rupees Fifteen lacs** each for the last two years. The firm must attach audited balance sheet of last two years, along with the Technical Bid in this regard.
- 14.5 The complaint should invariable be attended to by the firm within 4 hours of lodging the same and must be resolved within 24 hours. The engineer of the firm/OEM will attend the complaint at the location of the item(s).
- 14.6 The firm may be **blacklisted** for further business with National Investigation Agency owing to non-performance of satisfactory and timely service.
- 14.7 If there is any damage during transportation, the same would be borne by the supplier firm. The damaged item should be replaced by the supplier.
- 14.8 The tender document is not transferable.

15. **TERMINATION FOR INSOLVENCY**

The department may at any time terminate the Contract Agreement by giving a written notice to the successful firm, without compensation to the firm, if the firm becomes bankrupt or otherwise insolvent as declared by the competent Court, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the department.

16. **WARRANTY OF QUALITY AND QUANTITY OF EQUIPMENTS**

- 16.1 The awardee shall give warranty that all the stores/items are as per specification, conforming to the specified design and there are no defects in the process of manufacturing, packaging, transportation and delivery.

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16.2 Upon receipt of notice from department for defective material, the firm shall within 7 days of receipt of the notice, replace the defective material, free of cost at the destination. The firm shall take over the defective material at the time of their replacement. No claim whatsoever shall lie on the department for the replaced goods thereafter. If the firm fails to replace the defective goods within a reasonable period, the department may proceed to take such remedial actions as may be necessary, at the company's risk and expense.

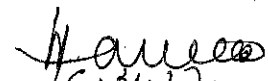
17. **FORCE MAJEURE**

17.1 Should any force majeure circumstances arise, each of the contracting parties be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party within 15 days of its occurrence informs in a written form the other party.

17.2 Force Majeure shall mean fire, flood, natural disaster or other acts such as war, turmoil, sabotage, explosions, epidemics, quarantine restriction, strikes, lockouts beyond the control of either party.

17.3. **ARBITRATION**

In the event of any question, dispute or difference arising between the department and the company relating to any matter arising out of or connected with the manufacturing, packaging and delivery, job assigned to the firm for execution under the contract agreement, the same shall be referred to the sole arbitration of an officer to be nominated by The Deputy Inspector General (Adm), NIA (MHA). The arbitration shall be conducted in accordance with the provisions of the **Arbitration and Conciliation Act, 1996 (26 of 1996)** or any statutory modifications or re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceeding under this clause. The decision of the arbitrator shall be final and binding on both the parties to the agreement.

  
G. M. J. J.  
DIG (Adm)

National Investigation Agency

SIGNATURE AND SEAL OF TENDERER  
NAME IN BLOCK LETTERS  
FULL ADDRESS

DECLARATION

From

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To

The Director General  
National Investigation Agency  
7<sup>th</sup> Floor, NDCC-II Building  
Palika Kendra, Jai Singh Road  
New Delhi

Sir,

I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender document.

2. I/We also confirm that in the event of my/our tender being accepted, I/We hereby undertake to furnish Performance Security Deposit (PSD), as applicable, in the form of Demand Draft/Bank Guarantee within the stipulated period.

3. I/We hereby declare that neither firm nor any of the Proprietor/Partner/Director of the firm have ever been black listed/suspended for business by any Department of Government of India/Public Undertaking.

Yours faithfully

Signature, name & address  
of authorized signatory of the firm with seal

Dated \_\_\_\_\_



PRICE SCHEDULE

Ref: DIG (Adm), NIA HQ New Delhi letter No.PC-29/001/FSL-EQPTS/NIA/2016-17  
dated \_\_\_\_ 2017

S/No	Name of items	A/U	Rate per unit	VAT/ Service Tax	Grand Total
1.	Finger Print Enrolment Device (As per specifications mentioned in the tender notice)	No			
2.	Live Scanner System (As per specifications mentioned in the tender notice)	No			

ANNEXURE 'A'

Technical specifications for Fingerprint Enrolment Device , (FED)

1. PLATEN SIZE:

Single platen and single prism 3.2 \* 3.0 architecture (81 mm \*76 mm) uniformly illuminated capture area

2. SCANNING AREA: 3.2" x 3.0"

3. TEMPERATURE

Operating: From 0°C to +49°C.

Storage temperature 0 to 60 degree centigrade (preferred)

4. HUMIDITY

From 10 to 90% (non-condensing)

5. WEIGHT

Maximum 3.0 Kg .Lesser weight will be preferred

The system should be portable for field operation with notebook computer

6. ACQUISITION FEATURES

Optical resolution – 500 ppi

Grey scale - 256 (0 to 255)

Scanning time 4sec , slap 5sec with segmentation .

7. Capture Format

Single fingerprint rolls, single fingerprint flats, four finger slaps, two thumbs.

8. COMPUTER INTERFACE

USB 2.0 or better.

Preferably dual power supply along with USB 2.0 interface

9. QUALITY STANDARDS AND FORMATS

- FBI Certified / NIST standards

10. DEVICE/ ACQUISITION QUALITY CHECK

- Calibration and Diagnostic Test: factory calibrated and sealed with self-test / diagnostic at device start up

- The system should be able to notify regarding the quality of acquiring FPs prior to the capturing of next acquisition.

11. AUTO CAPTURE

Sensing of slap/single finger placement on the scanner and auto capture of prints before going to next acquisition.

12. SLAP SEGMENTATION/ AUTOMATIC SEQUENCE CHECKING AND CORRECTION:

- Real time and display Automatic segmentation of four- slap and two thumbs fingerprint images in single flat images. Real time display of slap segmentation on acquisition screen. Slanted slaps should be automatically segmented

: 2 :

- System should be able to spot sequence error and should be able to place wrong sequence to correct sequence in 10 digits slip.
- Slap segmentation algorithm should comply with the NIST Standards.

13. ELIMINATION OF LATENT/GHOST PRINTS

- Elimination of latent/ghost prints originated from recent/past scans. This is most important for operating under Indian condition as platen always contains the ghost or latent print.

14. ROLLED FINGERPRINT CAPTURING

- Display in real-time, self-adaptive to rolling speed and directions, seamless composite image generation, automatic stop detection and acquisition.

15. IMAGE QUALITY CHECKING

- Dynamic estimation and notification of fingerprint image quality during scanning process; NISTIR7151 compliant
- Real time Quality check and notification of acquiring FP: Quality check such as nail to nail rolling, smudging, non correct placement, poor quality acquisition etc
- Detects deformations of fingerprints due to sliding during acquisition.
- Highest quality image selection during flat fingerprints scanning.

16. IMAGE COMPRESSION:

- WSQ Compression - FBI certified software/algorithm to compress the fingerprint images.
- JPEG2000 Compression for Mug-Shots.

17. CONNECTIVITY:

- Should be able to connect NAFIS and State AFIS system through NIST format.
- The Application software should have Remote Biometric Data Submission Module for submitting captured Fingerprints, Mug-Shots & Demographic data to the Central Data Center.

18. MUG-SHOT CAPTURING:

- System should capture mug shot (JPG 2000 compliant) of the subject, front, left and right. Should be compatible with Face recognition system. Face Acquisition through Minimum 2MP (not greater than 4MP) web Camera.

19. GENERAL FEATURES:

- Should have capability of producing and accurately printing ten digit and plain FP slip with mug shot and other demographic data.
- Option for marking amputated and bandaged /webbed fingers, it should reflect in the printout of 10 digit slips.

-The application software should have capability to perform search on single finger in local database ( this will help to build local data base of active criminals), the size of local database should be at least 10000 criminals (ten FP data along with demographic details inclusive of Mug-Shots)

-Option for deletion of record by administrator only but record should remain archived in main database.

-The system should have biometric user access management module, application login and database level for authorized usage

-Should have mechanism to capture FP in all weather and all types (dry and Wet)

-Should have power and acquisition status indicator on the device.

20. Operating system

Windows/Linux Latest version.

ANNEXURE 'B'

TECHNICAL SPECIFICATION OF PALM PRINT/SLAP/ROLLED LIVE SCANNER SYSTEM

Architecture	Optoelectronic, Single Platen Design (no moving parts)
Palm	The system should be able to capture Upper, Lower and Writer's Palm
Slap (4)	The system should be able to capture simultaneous flat of two to four fingers and both thumbs.
Capturing Rolled prints	Rolled prints capture at any speed of rolling, using nail-to nail technique to centering and then rocking side-to-side.
Active (Effective) Palm/Rolled/Finger Print / Slap Capture area	5.5 inch x 5.5 inch
Output FP/Palm print image	Non WSQ Compressed NIST compliant for maximum minutia extraction.
Sequence Check	Slap-to-roll comparison software to ensure correct sequencing.
Real time scanning display support	High resolution live video display of platen surface on the PC /Network during Palm/Rolled /Slap capture; real time image quality assurance for evaluating images and providing instant feedback.
Gray Scale	256 Gray level
Scanning time	< 2 Second for Flats and Palms < 3 Second for Rolled finger prints.
Resolution	Minimum 500 ppi for finger print capturing and maximum 1000 ppi for Palm print capturing.
Dynamic Range	200 minimum
Distortion	< 1 %
Interface	USB 2.0
Application protocol interface /Software development kit support (API/SDK)	The vendor should supply all the necessary application protocol interface /software development kit (API/SDK) in order to integrate the supplied scanner in the AFPIS application. SDK/API should be provided on MS Windows - 7 and above.
Operating temperature and Storage temperature	0 C to 55 C
Relative Humidity	Upto 95%
Operating System	Window 7 and above
IP Rating	IP 54 ( For protection from dust , debris and Liquid)
Carrying Case	The equipment should be provided with a proper carrying case for easy and safe transportation.
Warranty	Warranty -03 years. Sufficient spares should be available in stock with the supplier and certificate from the manufacturer for

	availability of spares in Delhi for at least 07 years after the warranty period.
Weight	Easy to carry manually transportable.
Power	External Power Supply adapter 100 – 240 V, 50-60 HZ , auto – adjusting .
Miscellaneous	The firm should be able to provide the following along with the equipment : <ol style="list-style-type: none"><li>1. Operation Software or driver etc. if required to operate.</li><li>2. Training tools- training brochure, training work model, video films on demonstrations and use etc.</li><li>3. Technical manual giving full description of the item. Practical training at least 2 times in a year continuing during warranty period.</li><li>4. User`s handbook and literature on preservation/maintenance as applicable.</li></ol>