



**GOVERNMENT OF PAKISTAN,  
MINISTRY OF INTERIOR  
NATIONAL DATABASE AND REGISTRATION AUTHORITY (NADRA)  
3<sup>rd</sup> Floor, PMO, RHO, G-10/4 ISLAMABAD  
Tele:- +92-51-9039-2853 Fax:- +92-51- 9108352**

RFQ No. PK-NADRA-314105-GO-RFQ

Dated 09-09-2022

**Request for Quotation for Procurement of 75x Biometric Thumb Digitizers (4-4-2), TDP-ERP**

National Database and Registration Authority has received credit from International Development Association (IDA) in the form of a Loan credit No. 57190-PK towards the cost of FATA Temporarily Displaced Persons Early Recovery Project (TDP-ERP). It is intended to apply a part of the proceeds of this credit to eligible payments under the contract for **Procurement of 75x Biometric Thumb Digitizers (4-4-2), TDP-ERP**.

FATA TDP-ERP now invites sealed quotations from reputed firms having previous experience of above work to quote their competitive prices as per attached Specifications **Flag-A**.

The request for quotations along with the accompanying documents on TDP-ERP address i.e. **Plot# 30, 3<sup>rd</sup> Floor, Project Office, NADRA Regional Head Office, G-10/4, Islamabad** not later than **19<sup>th</sup> September, 2022 at 04:00 p.m.**

**Terms and Conditions:**

- i. The Quotation must be submitted according to the attached specifications.
- ii. The supplier must be GST registered and an active taxpayer. The supplier must write NTN number on the quotations.
- iii. Taxes will be deducted according to government rules.
- iv. Please quote only one offer. The currency is Pakistani Rupee (PKR).
- v. Quotation must be typewritten.
- vi. Equipment must be delivered within **twelve (12) weeks** after issuance of Purchase Order.
- vii. The Prices indicated in the quotation shall be delivered duty paid (DDP). The price of other (incidental) services, if any, may be mentioned separately.
- viii. The suppliers are requested to give their best and final prices as no negotiations are expected.
- ix. Quotations shall be valid for a period of 30 days after submission.
- x. Hundred (100) percent payment on monthly basis shall be made in Pak Rupees within 28 days after receipt of invoice and certificate from the purchaser declaring that all contracted services have been performed.

  
Procurement Specialist  
(FATA TDP-ERP)



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**4-4-2 Live Fingerprint Scanner Specifications**

**Mandatory Requirements:-**

Following is a list of mandatory requirements for the Live Fingerprint Scanner: -

1. Provides Live/Fake Fingerprint Detection Capability
2. Must provide fingerprint images in 500dpi or above resolution
3. Scanning time must be less than 2 seconds in automatic mode
4. Must provide fingerprint images in WSQ format
5. Must provide templates in ISO 19794-2/4 format, or ANSI/INCITS 378/381 format
6. Provides automatic capturing mode
7. Provides real time quality of captured finger-prints using NIST quality criteria i.e. NFIQ 1 and NFIQ 2
8. Provides automatic segmentation of four finger slap image and two thumb images into discrete single finger images
9. Provides real time fingerprint image quality checking with support to handle damaged, bandaged or amputated fingers
10. Allows specific finger skipping in multiple fingers capturing mode
11. Support for auto capture on slap/fingers placement as well as manual mode
12. MTBF must be more than 50,000 hours
13. USB 2.0 or higher interface
14. Comply with FBI IAFIS-IQS Appendix F and FIPS 201 PIV certified
15. Protection rating must be IP43 or higher
16. Compatible with Windows 7/8/10/11 (x86 and x64) , Linux and Android architectures
17. SDK for Microsoft Dot Net C#
18. SDK for java (Windows and Linux)
19. SDK for Android
20. Must provide NIST MINEX III certified 1:1 fingerprint matcher in SDK
21. Demo application with source code for Microsoft Dot Net C#, Java and Android
22. Built-in license or license management for bulk deployment
23. Support documents for integration and API's details.

**Optional Requirements:**

- a. Support for integration in Web Applications/Websites using standard internet browsers i.e. Chrome, Firefox and Edge etc.
- b. Fingerprint scanner should provide fingerprint images in common image formats like RAW, BMP, JPEG etc.

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**Special Requirements:-**

Following are special requirements for Live Fingerprint Scanner in addition to the requirements described in the tender notice: -

1. Bidder MUST submit quotation of Live Fingerprint Scanner that meets all the mandatory technical requirements listed in the RFQ.
2. The sample device fully complying with the mandatory requirements will be obtained from the lowest bidder. If the provided sample fails the testing, sample will be obtained from the 2<sup>nd</sup> rank bidder and same process will continue for the 3<sup>rd</sup> rank bidder.
3. The lowest bidder must submit sample demo applications, documentation, API, sample code and other supporting material to assist in the technical evaluation of the Live Fingerprint Scanner.
4. The lowest bidder must provide technical support during the technical evaluation of the Live Fingerprint Scanner.