



ION **MOST IMMEDIATE**
(OPERATIONS DIVISION)
IOOD



Subject: **Technical Evaluation for Procurement of Offline Card Readers (Tender # NADRA-HQ-RFB-27/2026)**

Reference Admin-Procurement ION number NADRA-HQ-RFB-27/2026-ANDUQ2 dated April 08, 2026 and new document ID NADRA-HQ-RFB-27/2026-andynb dated March 10, 2026.

1. Technical evaluation report duly signed by the president and members of board of officers with reference to your ION referred above is enclosed herewith.
2. Submitted for information and further necessary action as desired, please.

(Hassan Mirza)
President of Board / HOD
IOOD

NADRA/Pak ID/Meeting/TenderRFB-27/2026 dated April 15th 2026

To: Procurement Department (Admin Dte)

Info: CSD
VAS, C&IT Svcs
T&D Dte
Operations Division

Technical Evaluation for Purchase of Offline Card Readers
Tender # NADRA-HQ-RFB-27/2026

		M/s Digital Data System SecuGen Hamsters Pro Duo SC/PIV
Technical specifications for Fingerprint + Smart Card Reader Device. The device shall integrate both a biometric fingerprint reader and a smart card reader (contact) into a single compact unit. The selected vendor shall provide devices, drivers, SDKs, and technical documentation for integration with existing systems.		Yes
Parameter	Minimum Requirement	
Fingerprint Sensor Type	Optical or capacitive, scratch resistant surface	Yes
Capture Area	Minimum 14 × 22 mm	Yes
Image Resolution	≥ 500 dpi, 256 grey levels	Yes
Image Format	RAW, BMP, WSQ, ISO 19794-4 compliant	Yes
Template Format	ANSI 378, ISO 19794-2 (Both Compact Card Format and Normal Size Format)	Yes
Fake Finger Detection	Yes, anti-spoofing / LFD capability	Yes
Smart Card Interface	ISO 7816 Class A/B/C contact interface (5 V, 3 V, 1.8 V)	Yes
Protocols	T=0, T=1	Yes
Communication Interface	USB 2.0 or higher	Yes
Supported OS	Windows 10/11	Yes
SDK Support	.NET, C#, Java	Yes
Certifications	CE, FCC, RoHS, ISO 19794-4	Yes
Power Supply	USB bus-powered (≤ 500 mA)	Yes
Operating Temperature	0 °C to +50 °C	Yes
Humidity	Up to 90% RH non-condensing	Yes
Warranty	Minimum 1 year with local technical support	Yes
Software and Integration: Vendors must provide drivers, SDKs and APIs to enable integration with existing systems. The SDK should support fingerprint capture, template extraction, matching, and smart card operations. Sample applications and developer documentation must be provided.		Yes
Qualified/Disqualified		Qualified

NOTE: SDK is License, every terminal requires a license. Discuss with vendor how will he provide licenses. For technical evaluation a USB Dongle based license was provided.

Member
Masood Farooq

Member
Ikram Kakar

Member
Shabbir Ahmed

President
Hassan Mirza

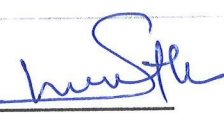
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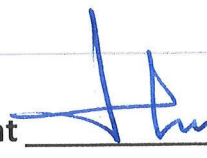
Ser.	Requirement	M/s Digital Data System
1	Firm has a Valid NTN Registration	Yes
2	Firm has a Valid GST Registration	Yes
3	Firm is active on ATL list of FBR	Yes
4	Undertaking for Non-Blacklisting	Yes
5	Letter of Bid Technical (attached with technical bid)	Yes
6	Letter of Bid Financial (attached with financial bid)	*
7	Warranty (standard)	Yes
8	Bid Security	*
9	Firm must submit a sample device before opening of the bid as per published specification for compatibility / testing with NADRA application.	Yes
10	Firm must provide purchase orders of providing IT equipment. Attach purchase order of last 2x years (23-24 & 24-25)	Yes
11	Contact details of technical person to address queries during testing of the device / application (name, E-mail, Mobile No.)	Yes
	Qualified/Disqualified	Qualified

* Procurement deptt to check compliance of serial no. 6 & 8.

Member 
Masood Farooq
DD (T&D)

Member 
Ikram Kakar
DD (CSD)

Member 
Shabbir Ahmed
AD (VAS C&IT)

President 
Hassan Mirza
Director IOOD