

## مستند رقم ٢

(مرفق بالإعلان التوضيحي رقم ٢)

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### Official Clarification — Fingerprint-Matching System

#### 1. Purpose and legal basis

Pursuant to Article 21(3) of Public Procurement Law No. 244/2021, and further to Addendum No. 1 — which provides that the project comprises the design and implementation of a fully new (Greenfield) digital platform replacing the current system, together with a comprehensive and full migration of the existing system's databases to the new platform — the Authority issues the following clarification regarding the fingerprint-matching component. It is communicated to all bidders, published on the central electronic platform of the Public Procurement Authority and on the Authority's website, and forms an integral part of the bidding documents.

**For the avoidance of doubt, and consistent with Addendum No. 1, this clarification confirms that the fingerprint-matching system is supplied NEW and its database is fully migrated — and it SUPERSEDES any earlier wording treating that system on an integration-only basis, including any reference in the technical annex to integrating with the existing fingerprint-matching system. To the extent of any conflict, Addendum No. 1 and this clarification prevail.**

#### 2. Scope of the fingerprint-matching component

The fingerprint-matching system is within the contractor's supply scope. The contractor shall:

- Supply a NEW fingerprint-matching system (not integrate with, or rely upon, the existing one);
- Perform a full migration of the existing fingerprint database into the new system, on the Authority's premises, including fingerprint deduplication; and
- Incorporate the new matcher within its proposed Greenfield solution to perform 1:many identification of driving-licence applicants.

#### 3. Existing System and database

Item*	Value
Person records	978,447
Single fingerprints	13,205,948 (the authority used to enroll applicants more than once so that some applicants have more than one TP. This procedure has stopped since ٢٠٢٤/١٠/٢٢)
Database size	141 GB

\*up to 9-6-2026

Note that: the existing fingerprint solution is developed by Neurotechnology.

#### 4. New database and daily-throughput sizing

Parameter	Requirement
Type	Fingerprint Matcher
TenPrint (TP) capacity	4,000,000
TP/TP (10-finger) search	1,500 / day (operating hours 08:00–15:30)
Response time	< 1 minute (end to end)
Matching time	< 3 seconds

#### 5. Specific requirements

The proposal shall include:

- Full and proper data migration performed on the Authority's site (records shall not be taken outside the Authority's premises, for security reasons), including fingerprint duplication detection (deduplication).
- The latest fingerprint-matcher version available on the market as at the contract-signature date.
- Incorporation of the new fingerprint matcher within the proposed solution to perform identification of new driving-licence applicants (1:many).
- Enrollment-workstations (live fingerprint scanners (4-4-2), cameras, etc.) in all branches, at no less than the following minimum quantities:

Branch	Quantity (minimum)
Dekwaneh	10
Ouzai	3
Jounieh	2
Aley	2
Zahle	2
Tripoli	2
Sidon	2
Nabatieh	2
<b>Total</b>	<b>25</b>

The provided solution shall remain open to accommodate any additional workstations the Authority may request in the future.

- The provider shall guarantee that the proposed solution is able, in the future, to interface with any other ecosystems of the Ministry of Interior and Municipalities (MoIM) and/or to extend its sizing and performance.

#### 6. General condition

The proposed biometric-matching algorithm shall have proven performance in recognized international benchmarks, including NIST evaluations, within the last five (5) years.

#### 7. Publication and binding effect

This clarification is published on the central electronic platform of the Public Procurement Authority and on the Authority's website, communicated to all bidders who have obtained the bidding documents, and is binding upon them. Bidders shall take it into account in preparing their offers; the procedural deadlines remain as set out in Addendum No. 1.

مدير عام هيئة إدارة السير والآليات والمركبات

بيروت في

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