



Israel National Police

Deputy Commissioner /Technology Administration

Request for Proposals (R.F.P)
For an AFIS System
(Automated Fingerprint Identification System)

PUBLIC TENDER No. 8/2012

TABLE OF CONTENTS

Chapter	Topic	page
0	Administration	5
0.0	List of critical dates	5
0.1	General (M)	5
0.2	Definition of Terms (I)	6
0.3	Administration	7
0.4	Specifications	9
0.5	Classification of Specification Items (M)	10
0.6	Undertakings and Confirmations relating to Bid Submission (M)	11
0.7	Undertakings and Certificates Required of the Winning Bidder (M)	14
0.8	General Conditions (M)	16
0.9	The Client's Rights (M)	19
0.10	The Bids (M)	19
0.11	Ownership of Specifications, Access to Winning Bid (M)	20
0.12	Integrity of the Bid and Overall Liability (M)	21
0.13	Determination of the Winning Bid (M)	21
0.14	Jurisdiction (M)	22
0.15	Prices (M)	23
0.16	Security Classification (M)	23
0.17	Industrial Collaboration	23
1.	Goals (I)	24
1.0	General – Highlights	24
1.1	The Client as Application Expert	24
1.2	Goals and Targets	24
1.3	Issues and Concerns	25
1.4	Timeframe	25
2	The Application – The Nature of the System (S)	26
2.0	General Architecture - Highlights (I)	26
2.1	General Features (I)	26
2.2	Users and Interfacing systems (I)	28
2.3	Subsystems (S)	29
2.4	User Interface (S)	34
2.5	Processes (M)	34
2.6	NA	42
2.7	NA	42
2.8	NA	42
2.9	NA	42
2.10	Coding Tables (S)	42
2.11	NA	42
2.12	Database Architecture (M)	42
2.13	NA	43
2.14	Reports and Queries (M)	43

Chapter	Topic	page
2.15	NA	43
2.16	NA	43
2.17	NA	43
2.18	NA	43
2.19	Information Security (M)	43
2.20	NA	45
2.21	Volume, Work Loads, and Capacity (M)	45
2.22	Interfaces and Links (M)	46
3	Technology (S)	49
3.0	General Architecture – Highlights (I)	49
3.1	Main Hardware (M)	49
3.2	Main Data Storage (M)	50
3.3	End-User Equipment (M)	50
3.4	Peripherals (M)	57
3.5	Consumables (S)	58
3.6	Infrastructure (M)	58
3.7	Operating Systems (M)	59
3.8	Development and Maintenance Tools (S)	60
3.9	Database (M)	60
3.10	Operating Tools (S)	60
3.11	N/A	61
3.12	N/A	61
3.13	N/A	61
3.14	Local Network Communications	61
3.15	Wide Area Network (S)	61
3.16	Public Networks (I)	61
4	Implementation (S)	62
4.0	General – Highlights (M)	62
4.1	Involved Parties (S)	62
4.2	Work Plan (M)	65
4.3	NA	66
4.4	Ongoing Operations (M)	66
4.5	N/A	66
4.6	Warranty, Service, Maintenance (M)	67
4.7	System Deployment (M)	71
4.8	Robustness and Reliability (M)	74
5	Cost - Resources (M)	76
5.0	General	76
5.1	Summary of Costs – Highlights	77
5.2	Pricelist	78
5.3	Payment Milestones and Partial Payment Schedules	83
6	Determination of the Winning Bidder (M)	86
6.0	Two-Stage Determination of the Winning Bidder	86
6.1	Formula for Weighting the Bids	86
6.2	Weighting System Costs	87
6.3	Weighting the Qualitative Parameters	87

Chapter	Topic	page
6.4	Benchmarking	88
6.5	Final Summation of Bid Evaluations	90
6.6	Determining the Winner/Alternate Winner	90
7	List of Appendices	91
	Appendix 0.3.2. – Information Sheet for Tender Document Buyers	92
	Appendix 0.5.2. – Checklist of Pre-Qualification Conditions	93
	Appendix 0.6 – Bid Submission Form	145
	Appendix 0.6.1 – Bidder Guarantee	148
	Appendix 0.6.2.4 – List of Clients	149
	Appendix 0.6.9 –Declaration of the Winning Bidder Concerning the Award	150
	Appendix 0.7.4 – Agreement/Contract	151
	Appendix 0.7.5 – Insurance Appendix	183
	Appendix 0.8.2 – Proprietary Rights	189
	Appendix 0.17 – Industrial Cooperation	190
	Appendix 5.1.13 – Linkage to Tender No., 8/2012, which constitutes an integral part of this Tender	196
	Appendix 6.3 – Weighting of Qualitative Parameters	198
	Appendix 6.4 –Benchmarking	210
	Appendix 6.5 – Dynamic Online Tender	215
	Addendum to Appendix 6.5 – Bidder’s Declaration of Representatives for Dynamic Online Tender	220

0 Administration**0.0 List of critical dates (M):**

Action	Item	Date	Time (Israel time)
Tender Publication Date		5/3/12	
Final Date for Submission of Questions	0.3.4	15/4/12	14:00
Final Publication Date of Responses to Bidders' Questions	0.3.4	22/4/12	
Final Date for Submission of Technical Bids including bank guarantee (placement in Tender Box)	0.3.5	1/5/12	14:00
Expiry Date of Bid Guarantee	0.1.2.3.	1/12/12	

- **In the event of any inconsistency between the above dates and other dates specified in the Tender Documents, the dates above prevail.**
- **If a date is amended after the Tender Publication Date, the amended date prevails.**

0.1 General (M)**0.1.1 General**

1. The INP requests offers for the delivery, installation, and maintenance of an automated criminal AFIS-type system for automatic identification and comparison of finger and palm prints.
2. The proposed system will be a criminal AFIS that meets generally accepted global and domestic IT industry standards and the requirements specified in this document.
3. The proposed system or a system that is most similar has been installed in at least one operational site.
4. This Tender is a manufacturers' (OEM) tender. Bidders must be manufacturers of criminal AFIS systems.
5. The Winner will grant a full warranty in respect of all system components in effect for a period of three years from the system's operational activation and an option to purchase maintenance services for an additional 7-year period.
6. Bids to this Tender shall be submitted in a dynamic online tender procedure on the Internet, during which Bidders may submit and adjust their Bids according to the rules of the dynamic online tender procedure, described in Appendix 6.5 hereinafter.
7. A maximum price, as stated in Section 5.1 of this Tender, has been determined for the price of the System, including all its components, and for the cost of the maintenance services. **Bids in excess of the maximum price will not be taken into consideration.**
8. An English translation of all the documents is attached to this Tender; It is hereby emphasized that the **Hebrew** version is the legally binding version.

0.1.2 Pre-Qualification Conditions for Participating in the Tender (M)

1. The Bidder is a **manufacturer** (OEM) of criminal AFIS systems.

2. The Bidder has at least 10 years of experience in the manufacture, installation and maintenance of criminal AFIS systems.
3. The Bidder has at least 10 customers, with whom the Bidder has delivered and installed a criminal AFIS system, and to whom the Bidder has provided full maintenance services in the past five years at least.
4. In the past five years, the Bidder has delivered and installed at least three criminal AFIS systems in EU member countries and/or the United States and/or Canada and/or Australia and/or New Zealand.
5. In the past seven years, the Bidder delivered and installed at least three systems that currently each contain at least 1,000,000 fingerprint cards of distinct individuals, at least one of which was installed in the last three years.
6. In the past seven years, the Bidder delivered and installed at least three systems that currently contain at least 250,000 palm print records of pairs of palm prints of distinct individuals.
7. In the past seven years, the Bidder delivered and installed at least three systems that contain a database of more than 100,000 unsolved crime scene finger and palm print latents.
8. The Bidder's criminal AFIS system was the subject of at least one benchmark test conducted by NIST in the past three years.
9. The Bidder attached an autonomous, unconditional guarantee on behalf of the Bidder, issued by **a bank in Israel**, or a guarantee issued by an insurance company certified by the Israeli Ministry of Finance for this matter, in favor of the Israel National Police (INP), to guarantee compliance with the terms of the Tender, in the amount of 1,000,000 NIS, in effect beginning on the Final Tender Bid Submission Date and ending on the date specified in the table of List of Critical Dates hereinabove.

Bids that are not accompanied by a guarantee in the original as required will be disqualified.

- **Notes concerning the bank guarantee appear in 0.6.1 of the Tender.**

0.2 Definition of Terms (I)

- 0.2.1 **MAZAP:** Division of Identification & Forensic Science (DIFS)
- 0.2.2 **MANAT:** Technology Administration (TA)
- 0.2.3 **The Tender/Specifications/RFP:** This document including all appendices, requirements, terms, and sections, and clarification files, if any.
- 0.2.4 **The Bid/Proposal/Response:** The Bidder's response to this Tender, including all administrative, technical, and financial sections, appendices, and any accompanying certificates, documents, and clarifications thereof, if any.
- 0.2.5 **The Proposed System:** All components, including hardware, software, and services, that the Winner is required to deliver to the INP as part of the project contemplated by this Tender.
- 0.2.6 **The Client:** The Israel National Police (INP).
- 0.2.7 **The Bidder:** A company that submits a Bid to this Tender.
- 0.2.8 **The Winner:** The Bidder that is awarded the Tender.
- 0.2.9 **Subcontractor:** Any supplier that provides products or services on behalf

of the Winner in compliance with one or more of the Specification requirements.

0.2.10 **The Agreement/Contract:** Appendix 0.7.4.

0.2.11 **The Site:** The building in which the system, or any part thereof, is installed or is required to be installed.

For additional terms and definitions, see Section 2.1.4.

0.3 Administration (M)

0.3.1 Purchase of Tender Documents

1. Tender documents are available for purchase for a fee of NIS 12,000, from the date specified above in the **List of Critical Dates in Section 0.0.**
2. Payment will be made only by cash deposit into **INP bank account number 025106-7** at the Postal Bank, noting the Tender No. on the deposit slip. Payments are non-refundable.

0.3.2 Receipt of Tender Documents

1. Tender Documents are available beginning on the date specified in the List of Critical Dates, at the INP Purchasing Department, 41 Ba'alei Hamelacha Street, Ramleh Industrial Zone.
2. Contact person for Tender Documents: **Superintendent Mirit Yehiel, Tel:+972-8-912-4453.**
3. To receive the Tender Documents, the Tender Document Purchaser must provide the following information: name, address, corporate identity, contact person in the organization for matters related to the Tender, telephone number, cellphone number, fax number, and email for transmission of additional clarifications and/or information
4. Purchase of the Tender Documents is a condition for participating in this Tender.
5. Tender Documents may be downloaded from the INP website at www.police.gov.il, at no cost. To remove all doubt, the determining version is the version given to participants at the Purchasing Department (including any updates or amendments that apply and of which all parties who purchase the Tender Documents are notified). Tender Bids may be submitted on duly purchased Tender Documents only.
6. Bidders who purchase the Tender Documents are requested to send an email message to the Tender Administrators (contact information appears in the following paragraph) with details of the email addresses of their representatives, for notification purposes, as necessary.

- 0.3.3. **Entities responsible for this RFP and contact persons:**
Please address any questions and inquiries relating to the Tender to the following two entities:

1. Superintendent Shachar Menashe – INP Contact

Purchasing Department

Tel: +972-8-912-4457 Fax: +972-8-6476147

Email: sm@police.gov.il

2. Superintendent Dalia Levy –Tender Administrator, INP

MANAT - Technology Administration, Infrastructure Development Department

Tel: +972-2-542-6575 Fax: +972-2-542-6644

Email: dalial@police.gov.il

0.3.4. **Procedure for submitting questions and inquiries**

1. Questions and comments, at all stages of the tender process, should be addressed in writing to one of the INP representative whose details appear in Section 0.3.3 above.
2. Questions and comments may be submitted by fax, email or personal delivery, no later than the date specified **in the List of Critical Dates, Section 0.0 above** by email or fax or delivery by messenger, but not orally.
3. Bidders are responsible for confirming that their questions and comments are received in entirety by the contact person.
4. Queries should be articulated clearly and contain the specific item number and the text, to which the question applies. Queries should be submitted in the following format:

Query no.	Section No.	Heading and wording of the Section	Question

5. Answers to queries will be issued in writing, and distributed to all Tender Document purchasers.
6. Only answers in writing and signed by the INP representative constitute binding answers.
7. The written answers issued by the INP representative are the sole binding answers.
8. Bidders who believe that a defect/faulty/inconsistency/or omission appears in the Tender Documents must notify the INP representative in writing, pursuant to Section 0.3.3. Any failure to do so constitutes a waiver of any claim for damages of expenses that might be caused to the Bidder as a result of the defect/faulty/inconsistency/or omission in the Tender Documents, and said Bidder will not be entitled to claim or demand any indemnification concerning the above from the Client, independent of being awarded the Tender.

0.3.5 Submission of Bids (M)

1. The final date for submission of bids is the date appearing in the **List of Critical Dates in Section 0.0.**
2. Bids should be submitted in a single package (envelope or box) marked with the Tender No only. Packages should not bear any details of the Bidder or any other identifying mark of the Bidder. Bids should be placed in the **Tender Box** that is located at:

Israel National Police
National Headquarters Ramleh
 Purchasing Department **Office (First Floor)**
41 Ba'alei Hamelacha Street
Industrial Zone, Ramleh

3. The Tender Committee will examine only Bids that are in the Tender Box at the Final Bid Submission Date, as specified in the List of Critical Dates. Bidders should note that the Tender Box will be locked precisely at the designated time. **No bids will be accepted after the designated time.**
4. Placement of Bids in the Tender Box is the exclusive responsibility of the Bidder.
5. Bids may be submitted in Hebrew or English, and accompanied by CD/DVD media containing all the Bid Documents in MS-WORD format. In the event of any inconsistency between the Bid in magnetic media form and the hard copy of the Bid, the hard copy of the Bid will prevail and will be legally binding on the Bidder.
6. The INP may, at its discretion, postpone the Final Bid Submission Date. All Tender Document Purchasers will receive notice of any postponement.

0.4 Specifications**0.4.1** The Specifications section contains six sub-sections:

- Chapter 0 – Administration
- Chapters 1–4 - Technical and professional Specifications
- Chapter 5 – Cost (the Price Bid)
- Chapter 6 – Manner of Determination of Winning Bid
- Chapter 7 – Appendices
- Appendix 0.3.2 – Details of the Tender Document Purchaser
- Appendix 0.5.2- Pre-Qualifying Conditions - Checklist
- Appendix 0.6 – Bid Submission Form
- Appendix 0.6.1– Bid Guarantee
- Appendix 0.6.2.4 – List of customers
- Appendix 0.7.4 – Agreement/Contract
- Appendix 0.7.5 – Insurance Appendix
- Appendix 0.8.2 – Proprietary Rights
- Appendix 0.17 – Industrial Cooperation
- Appendix 5.1.13 – Linkage
- Appendix 6.3 – Weighting Quality Parameters
- Appendix 6.4 – Benchmark - Accuracy Test
- Appendix 6.5 – Rules of the Dynamic Online Tender

0.5 Classification of Specification Items (M)

0.5.1 Specification items are marked according to the following categories:

I(information) Items for information only. Bidders respond as follows: “We have read, understood and accept this item.” Any reservations or comments must be noted.

G(general) Items that require a general answer in a relatively unrestricted format. Typically, these items are open-ended items to which Bidders may offer creative solutions or suggestions (as explained in Section 0.9 hereinafter), provided that a clear response to the requirement is given, key features are emphasized, the exact nature of proposed solution is clarified, and a distinction is made between existing and proposed components/elements.

S(specific) Items that require precise, detailed responses, using the specified format noted, such as details, completion of a table, attachment of certificates, etc. These are typically closed items. Bidders may add information beyond the information requested in G-type items. In the event of an extensive amount of information, such additional information should be attached as an appropriately marked appendix.

M(mandatory) Pre-requisite (Go/No Go) or mandatory items.

Responses to M items are:

1. We have read, understood and accept this item, **or**
2. We have read, understood, and will comply with this item, **or**
3. A complete response (such as required for S items), or
4. Approval/certification furnished as required, according to the matter and content of the item.

Any failure to respond to an M item or failure to provide a response that does not satisfy the requirement, or any incomplete or inadequate response to an M item may lead to the disqualification of the Bid, at the absolute discretion of the Tender Committee.

N(Non-Relevant) Non-Relevant items signify elements that have been intentionally omitted from the Tender and require no response. This notation is designed to signify that the omission is intentional.

0.5.2 Attached to Appendix 0.5.2 is a list of mandatory (M) Tender requirements of the System. .

This list is designed to assist the Tender Bidders and Checkers, **and it is the Bidders’ responsibility to verify that their Bid fully meets all the pre-qualifying conditions specified in the Tender.**

- 0.5.3** To remove all doubt, Bids (and Proposed Systems) must satisfy all the mandatory conditions classified M. Bidders must verify that they meet all the requirements before submitting their Bids. If a Bidder believes a specific mandatory item should be amended, the Bidder will apply in writing to the INP representative for questions and inquires, no later than the Final Date for Submission of Questions and explain the reason for the requested amendment. The INP, at its exclusive discretion, may amend classifications of Sections or amend the contents of Sections.
- 0.5.4** Classification of an upper-level section or chapter applies to all subsumed sections and items contained therein, unless noted otherwise. In other words, items that have a classification mark alongside them – are bound by said classification. Items that have no classification marking alongside them, follow the classification of their immediate upper level item.
- 0.5.5** In addition to classification marks, each item also contains instructions and requirements with which Bidders must comply.

0.6 Undertakings and Confirmations relating to Bid Submission (M)

Bidders should submit their Bids and attach all the following documents no later than the Final Date for Submission of Bids:

0.6.1 Tender Guarantee

1. One original form of a Tender Guarantee as required in paragraph 0.1.2, in the example attached to Appendix 0.6.1. To remove all doubt, the following is emphasized:
 - a) **Failure to attach an original bank guarantee as required will disqualify the Bid.**
 - b) It is hereby clarified that the material instructions stated in the format of the Guarantee attached hereto in Appendix 0.6.1 are legally binding and any deviation from these instructions shall disqualify the Bid. It is advised to attach a Guarantee that conforms precisely to the format of the Guarantee proposed in the aforementioned Section.
 - c) According to a recent Israeli Supreme Court decision, guarantees in an amount that is excessive (greater than required either in amount or duration) should be disqualified. To prevent disqualification of your guarantee, please ensure that the guarantee attached to the Bid is drafted in the correct amount and specifies the correct dates.
 - d) No modification to the term of the guarantee should be made without explicit instructions from the Tender Administration, even in the event that the final bid submission date is postponed
 - e) **Bidders who wish to do so may submit to the INP representative, up to 10 days prior to the Final Bid Submission Date, a draft of the guarantee they intend to attach to their Bid, for the purpose of approval. Such approval shall be conveyed to the Bidders within three days (excluding Friday and Saturday) from the receipt of the draft. In any case, the original Guarantee form attached to the Tender Documents is the**

guarantee that is examined for compliance with the Pre-Qualification Conditions.

- f) Personal checks will not be accepted.
- g) Guarantees will be returned to the Bidders (with the exception of the Winner) after determination of Winning Bid.
- h) **Note** that the Tender guarantee is not required to be linked to the CPI.
- i) The INP has no objection to a guarantee clause that requires any demand to exercise the guarantee to be made through means other than a facsimile, if the issuing bank so demands.
- j) In the event that the Final Tender Submission Date is postponed, the INP reserves its right to demand that the required Tender Guarantee Expiry Date be updated.

All the material terms of the Tender Guarantee (such as attachment of the original guarantee, expiry date, guarantee amount, unconditional status, etc.) are material terms of the guarantee, and failure to meet any condition will disqualify the Bid.

0.6.2 **Various Certificates and Affirmations**

1. Documentation that confirms the signatory rights of the Bidder, certified by an attorney, CPA, or other legal instance.
2. Receipt or other documentation attesting to payment for the Tender Documents.
3. Details of the Bidder's bank account, signed by the Bidder's bank.
4. The Bidder will attach to the Bid a list of customers to which the Bidder has sold and installed criminal AFIS systems, of the Bidder's manufacture, in the last 10 years.
5. The Bidder will attach to the Bid a list of at least 10 different whom the Bidder installed a criminal AFIS system of its manufacture, and to whom it provided full maintenance services in the past five years at least.
6. The Bidder will attach to the Bid a list of at least three systems that have been installed in the past five years in one or more EU member countries and/or USA and/or Canada and/or Australia and/or New Zealand.
7. The Bidder will attach to the Bid a list of at least three systems that currently containing over 1,000,000 unique fingerprint records, at least one of which was installed in the last three years.
8. The Bidder will attach to the Bid a list of at least three systems contain over 250,000 pairs of unique palm print records.
9. The Bidder will attach to the Bid a list of at least three systems that currently containing a database of more than 100,000 unsolved crime scene finger and palm print latents.
10. Documentation attesting to the Bidder's participation in NIST benchmark testing in the last 3 years
11. Details of the clients (at least one client) for whom the Bidder installed the proposed system or a system that is most similar to the proposed system as possible.

12. For the purpose of the Bidder's compliance with the pre-qualifications and requirements, the Israel Police will recognize the experience of a subsidiary or company acquired by or merged into the Bidder (hereinafter, "the Subsidiary") as the Bidder's experience. For this purpose, the Bidder must furnish one or more of the following documents:
- a) Affirmation of the authorized regulatory agency in the Bidder's country of registration that the Bidder is the owner of at least 75% of the shares of the Subsidiary.
 - b) Affirmation of an accountant that the Bidder acquired or merged with the Subsidiary and the Subsidiary continues the operations that it conducted prior to the acquisition, and that over 75% of the employees previously employed by the Subsidiary are now employed by the Bidder or the merged company. Furthermore, the accountant's affirmation will include an affirmation that the Bidder continues to bear liability toward all clients of the Subsidiary in respect of any and all liabilities of the Subsidiary prior to the acquisition/merger.

0.6.3 **Conflict of Interests**

In this Section, the Bidder confirms that:

"To the best of our knowledge, nothing in the submission of this Bid and the execution of this project (if awarded to us) creates any conflict of personal or business interest for us or our employees, our sub-contractors, or any third-party company involved in this Bid or the execution thereof."

0.6.4 **Supplementary information, demonstration, presentations**

The Tender Administrator reserves the right to demand of any Bidder to specify in detail or supplement any required information, either in writing or through a demonstration before the Tender Committee or its representatives. The Bidder will comply with such requests according to the schedule determined for such by the Tender Administrator.

0.6.5 **Service, Maintenance, and Spare Parts**

The following declaration shall be attached to the Bid:

"All elements of the Proposed Solution are covered by ongoing warranties and service agreements. To the best of our knowledge and the knowledge of all the Sub-contractors involved in this Bid, cessation of support for these elements is not planned, and there is no impediment to deliver spare parts and new releases for a period of at least 10 years after installation."

0.6.6 **Bidder's declaration:**

The Bidder confirms in writing, in Appendix 0.6. that he/she has read and understands the requirements of the Tender, and that his/her Bid satisfies these requirements (including the Specifications and the clarifications to questions), and the Bidder has read, understands, and accepts the award determination procedure described in Chapter 6.

0.6.7 **Bidder's declaration of experience**

The Bidder will attach to the Bid, a declaration of his/her experience, as required in the qualification requirements specified in Section 0.1.2,

- according to the format attached as Appendix 0.6.
- 0.6.8 The Bidder will confirm, in Appendix 0.6, that he/she is professionally prepared and equipped, in terms of its scope and quality of human resources, and the other resources required to provide the ongoing services, including any supplement, modification or adjustment to the needs of the INP, and to comply with the obligations required in these Specifications, and that he/she will allocate the human and other resources as required to perform the service.
- 0.6.9 The Bidder must submit the signed Contract (Appendix 0.7.4), initialized on each page of the Bid and the Tender Documents, and including full signatures on the Contract, as required.
- 0.6.10 The Bidder must undertake in Appendix 0.6 as follows: "Upon being awarded the Tender, the Bidder will furnish all the approvals, and meet all the terms and conditions required in this section, without prejudice to the provisions of the Contract."

It is emphasized: Although all the approvals and documents are required to be attached to the Bid, the Tender Committee, at its exclusive discretion, may, but is not obligated to, permit any Bidder who failed to attach any required approval and/or document to furnish said approval and/or document within a period of time determined by the Committee, provided that it clearly emerges that said approvals and/or documents existed and were in effect on the Technical Bid submission date, as required by the terms and conditions of the Tender. **This provision does not apply to the Bank Guarantee. Failure to attach the Bank Guarantee on the Bid Submission Date will disqualify the Bid.**

- 0.7 Undertakings and Certificates Required of the Winning Bidder (M)**
- 0.7.1 Bank guarantees in respect of execution of the Tender:
1. The Winning Bidder will be required to furnish the following guarantees:
 - a) A Performance Bond in the amount of 5% of the cost of the contracted system, as specified in Section 0.7.2.
 - b) A guarantee against payment of Tender Milestones 1,2, and 3, as specified in Section 5.3.
 - c) A warranty bond in the amount of 5% of the cost of the contracted system. This bond will be reduced to 2.5% of the estimated System cost 18 months after the system is declared operable, as specified in Section 0.7.3.
 2. All guarantees required in this Section will follow the format of "Guarantee to Secure Performance of the Contract" that appears in Appendix 4 to the Contract, Section 0.7.4 to the Tender.
 3. All guarantees required in this Section will be linked to the CPI of Israel, where the base index is the known index on the date of signing the Contract, or the operational activation date, according to the required guarantee.
 4. All guarantees required in this Section shall be issued by a bank in Israel or an insurance company certified by the Accountant General of the Ministry of Finance for this purpose.

5. If the Winning Bidder is entitled to payment from the INP, and has not yet submitted a bank guarantee as required, the INP may delay said payment up to an amount equal to the performance bond amount outstanding on the effective payment date.

0.7.2 **Performance Bond**

1. As a condition for the issue of a Purchase Order, the Winning Bidder will be required to furnish an unconditional bank guarantee in the amount of 5% of the cost of the contracted system (including VAT), in favor of the INP, to guarantee performance of all his/her obligations under the Tender (“Performance Bond”).
2. The Performance Bond will be in effect until the elapse of 90 days from the scheduled date on which the system is declared operable, based on the schedule set forth in Section 4.2 of the Tender. Any delay exceeding 30 days in the specified dates will obligate the Winning Bidder to extend the effect of the Performance Bond accordingly.
3. The Performance Bond will replace the guarantee furnished to the Client under Section 0.6.1 above. Furnishing the Performance Bond is a condition for the issue of a Purchase Order.

0.7.3 To secure the provision of warranty services in full as required by the Tender, the Winning Bidder will furnish the following guarantees:

1. No later than 30 days after the system is declared operable, and as a condition for payment of the final milestone (completion of assimilation) and return of the Performance Bond required in Section 0.7.2. above, the Winning Bidder will furnish an unconditional bank guarantee in favor of the INP, in an amount equal to 5% of the contracted system cost (including VAT), to secure performance of the warranty services required pursuant to the Tender. This guarantee will be in effect for a period of no less than 20 months from its issue date.
2. 18 months after the guarantee described in (1) above is furnished, and as a condition for return of the guarantee required in (1) above, the Winning Bidder will furnish an unconditional bank guarantee in favor of the INP, in an amount equal to 2.5% of the contracted system cost (including VAT), to secure performance of the warranty services required pursuant to the Tender. This guarantee will be in effect for a period of no less than 39 months from the date the system is declared operable.
3. **Guarantee in respect of Maintenance Services**
To secure the performance of maintenance services required in the Tender pursuant to the Tender Requirements, and as a condition for returning the Guarantee for the warranty, the Winner will furnish the following Guarantee:

Within 30 days from the expiry of the System’s warranty, the Winner will furnish an unconditional bank guarantee in favor of the Israel National Police, in an amount equal to 5% of the cost of the annual maintenance services (including VAT) pursuant to the

warranty period. The guarantee shall remain in effect for a period of at least 26 months from its issue date.

0.7.4 **Contract/Agreement and Technical Appendix**

1. These Specifications, Appendices, the Bid submitted by the Winning Bidder, and its appendices, constitute an integral part of the Contract to be signed, and the contents of the same are designed to supplement rather than to detract from the Contract. The form of the Contract is presented in Appendix 0.7.4.
2. The Winning Bidder undertakes to sign the attached Contract, with the necessary modifications following the award, within 28 days of being requested to do so by the INP. If the Winning Bidder fails to submit the signed Contract to the INP within the said period, the INP may cancel the award, exercise the guarantee, and proceed with the Tender procedure, at its exclusive discretion.
3. It is hereby clarified that the INP's notice to a Bidder that it has been declared the Winning Bidder, does not constitute an agreement between them, and such agreement will come into effect only when the Contract is signed by the authorized signatories of both parties, and a Purchase Order is issued and approved by the INP.

0.7.5 **Insurance**

1. As a condition for issue of a Purchase Order and signing the Contract, the Winning Bidder will furnish an insurance policy or certificate of insurance, pursuant to the requirements specified in Appendix 0.7.5 of the Tender.

0.7.6 **Overall Liability**

1. The Winning Bidder bears overall responsibility to perform the services, including all the aspects thereof. By submitting a bid, the Bidder undertakes to assume such overall responsibility, if it is announced the Winning Bidder, including liability for the sub-contractors working on his behalf and in collaboration with the Bidder in performing the work.

0.8 **General Conditions (M)**

0.8.1 **Expiry of the Bid**

1. Bids that meet the conditions of this Tender will remain in effect for 180 days from the Final Bid Submission Date. The Bid expiry date may be extended for an additional periods, subject to the parties' consent.
2. In case of an extension, the Bidder will be required to defer the expiry date of the Tender Guarantee accordingly. Failure to defer the expiry date of the Tender Guarantee will disqualify the Bid.

0.8.2 **Property Rights**

1. In Appendix 0.8.2, the Bidder will declare that the Bidder owns the copyrights, patent rights and all property or contractual rights to the elements of the proposed solution, and is entitled to disseminate them, or the Bidder possesses all the necessary approvals on behalf of the owner/s of the said rights, entitling the Bidder to disseminate the rights and enter into the Contract. The Bidder further declares that nothing in entering into the Contract following the award of

this Tender pursuant to these Specifications detracts from any copyright, commercial secret, intellectual property right, patent right, or any other right of any third party, and no legal suit concerning any violation of said rights has been filed.

2. In the event that the proprietary rights, in entirety or in part, belong to a third party, the Bidder will specify this in the Bid and explain the source of the Bidder's entitlement to offer the proposed solution directly to the INP without involvement of the said third party.
3. The Bidder further undertakes, if he is awarded the Tender, to indemnify the INP in respect of any legal claim by a third party based on grounds related to the rights in the proposed solution set forth in the Agreement/Contract.
4. The Bidder will further affirm, in his response to this Section, that any software program used in rendering the services contemplated in this Tender shall be original software only.
5. The Bidder undertakes to deposit the source code of all the elements of the proposed system in escrow ("source code escrow" as specified in Section 15.5.2 of the Contract[Appendix 0.7.4]), and to revise said deposited source codes according to modifications made to the system.

0.8.3 **Contract Term**

1. The Contract Term begins upon the signing of the Contract by the final INP signatory, and shall remain in effect for a period of three years from the operational activation of the System that will be purchased.
2. The INP reserves the option to extend the Contract Period by one additional year, or any part thereof, up to a maximum of seven additional years.
3. Performance\consummation of the Contract, including during the Option period, will be subject to approval of the Tender Committee and a Purchase Order signed by the INP authorized signatory.
4. The Contract is subject to a trial period of the first six months of service performance and/or delivery of products ("the Trial Period"), during which the INP will evaluate the products delivered and services rendered by the Winning Bidder, and full compliance of the Winning Bidder with his/her obligations. Fulfillment of the Winning Bidders' obligations in full constitutes a condition precedent for the final consummation of the contract.
The INP reserves the right to refrain from finalizing its engagement with the Winning Bidder during or at the end of the Trial Period. In this case, the INP may enter into an engagement with the second-best Bidder ("The Alternate Winner").

0.8.4 Security Clearance

1. The Winning Bidder's employees, who will be required to enter INP installations or gain access to sensitive/confidential information in order to perform work under the Contract, will be required to obtain appropriate security clearance. The Bidder must obtain in advance security clearances for his employees and employees of sub-contractors and for any person sent on the Bidder's behalf to work on the project and undertake to obtain such security clearances in a manner that causes no delay to the performance of the work.
2. The Winning Bidder will attach, for each Project employee, a Certificate of Good Standing issued by the authorized entity in his country, a photocopy of the employee's passport, and a signed NDA.
3. System maintenance, or any other activity relating to the Contract, will be performed exclusively by individuals who have obtained appropriate security clearance and INP approval.

0.8.5 Maintenance and Service Warranty

1. **Warranty Period:** For each item of equipment listed in Chapter 4 "Performance," a three-year Warranty Period commences at the end of the Delivery and Installation Period of the item and after issue of INP approval in writing that the system is operationally active. During this period, the Winning Bidder will render, at no extra cost, all the support and maintenance services required for ongoing and proper operation of the equipment, pursuant to the terms of the Tender and the Contract.
2. **Maintenance Period:** The Maintenance Period commences exclusively at the INP's demand, at the end of the Warranty Period. During this period, the Winning Bidder will render all the support and maintenance services required for ongoing and proper operation of the equipment, at the demand of the INP, as set forth in Chapter 4 "Performance," and pursuant to the terms of the Contract.
3. The Warranty Period for the Main System will commence on the date on which the entire system is operationally active. The Warranty Period in respect of any equipment purchased after this date will commence on the operational activation date of said equipment and its duration will be three years.

0.8.6 Requirements of the Maintenance Company

Maintenance services may be rendered by the manufacturer or by an Israeli sub-contractor on the manufacturer's behalf, which meets the following cumulative conditions:

1. The Sub-contractor has at least 10 years of experience in rendering maintenance services to automated systems that integrate software and hardware.
2. The Sub-contractor's annual turnover in 2009-10 was at least NIS 30 million (including VAT) in each year.
3. In 2010, the Sub-contractor employed at least 2 engineers and 6 technicians.

0.9 The Client's Rights (M)

- 0.9.1 The Client is not obligated to accept the lowest Bid, or any Bid, either in entirety or in part.
- 0.9.2 The Client may disqualify any Bid that is unreasonable in terms of price or quality, compared to the Tender and its Terms and Conditions.
- 0.9.3 In considering the Bids, the INP reserves the right to request additional clarifications and to interview key employees of any Bidder whose Bid is found to be suitable. The Client may disqualify unsuitable employees without any obligation to justify its decision. Bidders are required to submit responses to INP requests for clarifications within 2 days of date of demand.
- 0.9.4 The Client may expand or reduce the scope of the Tender, or execute the Tender in phases, in part or in entirety, due to budgetary or other considerations, before and/or after signing a Contract with the Winning Bidder.
- 0.9.5 Notices of award or rejection of Bids will be made exclusively in writing. Any oral notification is not binding on the INP. It is emphasized that no award notice constitutes acceptance of a Bid or a commitment to the Winning Bidder. The Contract Term commences on the date of signing of the Contract.
- 0.9.6 The Client may, without advance notice, cancel this Request for Proposals, either in entirety or in part, or issue a new Tender, at its discretion, and is not obligated to provide any reasoning to Bidders or any other party. Notice of cancellation will be sent in writing to all Tender Document Purchasers. No damages will be paid in respect of any notice of cancellation.

0.10 The Bids (M)**0.10.1 General Structure**

1. Technical Bids will be submitted no later than the Final Date for Submission of Bids, according to the instructions in the Tender Documents. The Technical Bid must be initialized by the Bidder's authorized signatories, with the company's seal, on each page of the Tender Documents and its appendices.
2. The structure of the Bid will correspond exactly (1:1) to the structure of the Specifications. For example: Section 4.1 of the Bid will contain the response to item 4.1 of the Specifications, Section 4.2 of the Bid will contain the response to item 4.2 of the Specifications, and so forth.
3. No amendment may be made to the Tender Documents furnished by the INP, and no reservation may be noted with respect to any requirement contained in the Tender Documents, either by adding text to the documents and/or in an accompanying letter and/or in any other manner. Such reservations may cause the disqualification of the Bid. Bidders who wish to express a reservation and/or make a change in the Tender Documents, should apply in writing to the INP representative specified in Section 0.3.3.
4. Structure of the Technical Bids:
In addition to the fundamental requirement of exact correspondence between the Bidder's Bid and the Specifications

(see Section 0.10.1.2 above), the following instructions should be followed in preparing the Bid:

- a. The precise content and structure of the response to each element (and sub-element) will correspond to the item's classification (I, G, M, or S) as defined in Section 0.5 above. For items marked G, the Bidder shall emphasize whether a solution to the item exists, and briefly specify key features only, using free text. For items marked S, the Bidder shall provide a detailed answer, provided that it is clearly an answer to the appropriate demand.
- b. Distinguish between "close-ended" items that require a Yes/No answer or completion of a specific table, and "open-ended" items that allow answers to be formulated in free text. In open-ended items, Bidders may add comments and suggestions by adding a section.
- c. The Chapters and Appendices in the Bid should be separated by index tabs printed with the Chapter/Appendix title and number. Appendices should be titled according to the number of the item to which they refer.
- d. Bids should include a table of contents. Pages should be numbered in the following format: Page X of Y.

0.10.2 **Number of Copies**

1. Bids should be submitted in 5 complete printed hard copies including all Tender Documents (Chapters 0-6 and Appendices), and accompanied by copies on CD/DVD media.
2. Chapter 0 "Administration" and Chapter 5 "Cost" shall be signed by the Bidder's authorized signatories on each page.

0.11 **Ownership of Specifications, Access to Winning Bid (M)**

0.11.1 **Ownership and Use of the Specifications**

The Tender Documents and all additional materials given to Bidders remain the property of the Client, and are furnished to the Bidders solely for the purpose of participating in this Tender. Bidders will make no use of the Tender documents and/or any information furnished to Bidders for the purpose of responding to this Tender, for any purpose or vis a vis any third party other than the Client.

0.11.2 **Ownership and Use of the Bid**

The Bids (responses to the RFP) are the property of the Bidders. The INP may use the Bids and the information contained therein for any purpose related to the RFP procedure, up a Contract is consummated.

0.11.3 **Access to the Winning Bid**

1. Under Israeli law, Bidders who are not awarded the Tender may apply to peruse the Tender Committee's protocols and the decisions concerning the Winning Bid, as well as the Winning Bid itself. A Bidder may note in advance, in his response to this Section, any items in the Bid that are confidential and would be inaccessible to other Bidders by reason of professional or trade secret, including an explanation for such designation. In the event that a Bidder fails to note any section, the Bidder will be deemed to have agreed to grant access to his entire Bid. The Tender Committee may, at its

discretion, furnish to Bidders other than the Winning Bidder, any document that does not, in its professional opinion, constitute a professional or commercial secret, even if so designated by the Bidder. The Committee will not take into consideration any generalized confidentiality designation for groups of sections, and will not take into consideration confidentiality designations that are not accompanied by a relevant explanation.

2. The Bidder will emphasize and mark the confidential sections of his Bid, and will also attach to his Bid a list of the confidential sections including the reasons for such confidentiality.
3. In no case will price quotes constitute a professional or trade secret, and price quotes will be accessible by all Bidders.

0.12 Integrity of the Bid and Overall Liability (M)

- 0.12.1 In the response to this item, the Bidder confirms that the submitted Bid is complete and proposed as a single integrated operational unit, and all the services specified in the Specifications are offered in entirety in the Bid, including the standard of service required of such services.
- 0.12.2 The Winning Bidder bears full liability toward the Client for all the elements of the Bid, whether they are supplied directly by the Winning Bidder or by a Subcontractor. Any Contract signed by the INP and any undertaking made by the INP with reference to this Tender, will be solely with the Bidder.
- 0.12.3 The Bidder may not assign his/her rights or obligations under this Tender, either in entirety or in part, without written approval by the INP in advance.
- 0.12.4 The INP may contract directly with a Subcontractor of the Winning Bidder, if the Winning Bidder is precluded, for any reason, from delivering any element that it was obligated to furnish, or from fulfilling any of his/her obligations under this Tender.
- 0.12.5 Bidders must confirm that he/she provides full warranty coverage for the Proposed System and all elements included in the Bid.
- 0.12.6 For each item involving a Sub-contractor, Bidders must list details of all the subcontractors that are planned to participate in project execution, including the Sub-contractor's identity and role in execution.

0.13 Determination of the Winning Bid (I)

The Tender will be conducted in two stages:

- 0.13.1 Stage I: Examining and Evaluating the Bids
 1. Bids will be examined for compliance with pre-qualifications: Bids will be examined for compliance with the Tender pre-qualifications and items marked M, and attachment of all the required undertakings and certifications required to be attached to the Bid.
 2. The Israel Police reserves the right to accept, at the discretion of the Tender Committee, Bids that do not comply with no more than 10 mandatory paragraphs that are not material in nature.
 3. Evaluation of the quality of the proposed System and weighting of the qualitative parameters: as described in Section 6.3 herein.
 4. Benchmark tests: Qualifying bids will undergo a benchmark test, as described in Section 6.4 herein.

5. It is clarified that at the conclusion of the examination of all the relevant bids, each Bidder will be informed of his Bid's score and of the results of the benchmark test performed on the system he submitted for testing.

0.13.2 Stage II: The Dynamic Online Tender

1. Bidders who are judged by the Tender Committee as having met the conditions and requirements set forth in Stage I will receive notice in writing from the Tender Committee and will be invited to participate in the Dynamic Online Tender that will be conducted on the Tender website at:

<https://card.tender.gov.il>

A link to this tender will appear on the tender website (the webpage accessible by the general public). Bidders will access the link to participate in the online tender, after entering their identifying data, described in Appendix 6.5 herein

2. It is emphasized that in the Dynamic Online Tender, Bidders may lower the bid for each component of Bid separately. It is further emphasized that Bidders must submit a bid for each of the Bid components (items 1 through 17 in the Bid Form). Partial Bids shall not be accepted.
3. At the conclusion of the Dynamic Tender procedure, the Bid with the highest weighted score will be declared the Winner as described in section 6 of the tender..
4. The Tender Committee will award the Tender to the best Bid, after Bids are weighted by standards of quality, price and benchmark results, as set forth in Chapter 6 of the Tender (Manner of Determination of Winning Bidder), subject to Section 0.9 hereinabove.
5. Upon approval of the Winning Bidder, notification will be sent to all Bidders, including the Winning Bidder who will be invited to sign the Contract.
6. The INP reserves the right to modify the tender procedure at any time, at its exclusive discretion, from a dynamic online tender to written bidding or any other method.

0.14 Jurisdiction (M)

- 0.14.1 By submitting a Bid, Bidders accept the exclusive and local jurisdiction of the competent court in the state of Israel and no other court, regarding the Tender and any dispute or difference of opinion arising from or related to the Tender. Submission of a Bid to the Tender further constitutes the Bidder's consent that the Tender and the Contract contemplated therein shall be governed by the laws of Israel.

0.15 Prices (M)

- 0.15.1 The Bidder's complete price quote will be submitted in the Dynamic Online Tender procedure. The INP will disregard any cost specified in any other section (with the exception of the cost of optional accessories, as described hereinafter), either explicitly or implied, and no such information will bind the INP.
- 0.15.2 Prices submitted in the Dynamic Online Tender procedure will be denoted in **Israeli shekels** only.

0.16 Security Classification (M)**0.16.1 Project Classification**

1. The project is classified ""Confidential.""
2. The Vendor, the Vendor's employees involved in the project, and all information and documents related to the project will be classified accordingly, based on the instructions of the Security Clearance Department.
3. Upon conclusion of the project, or termination of the Vendor's work in the project, for any cause, the Vendor will return to the INP all documents or materials related to the project, including all copies and backup copies, and will delete all said information from any magnetic media in the Vendor's possession.

0.16.2 Security Classification

1. It is the Vendor's responsibility to obtain security classification for his employees and all individuals sent on his behalf to work on the project. The Vendor must undertake that obtaining such classification will not delay the performance of the work.
2. The INP may disqualify any bidder for security reasons. Approval of the Winning Bidder is subject to approval of the INP Security Clearance Unit.

0.17 Industrial Collaboration

1. The Vendor undertakes to maintain Industrial Collaboration pursuant to the provisions of Appendix 0.17, subject to the exclusive approval of the Industrial Cooperation Authority(ICA), in the form of investments, R&D, knowledge transfer or purchase of goods manufactured in Israel, labor or services in Israel, or in any other manner approved by the Industrial Cooperation Authority (ICA).

1. Goals (I)**1.0 General – Highlights**

- 1.0.1 Purchase of a new criminal AFIS system with new and advanced technological capabilities.
- 1.0.2 Decentralization of AFIS system features to police units in the field using end-user work stations/readers/scanners (FP and PP acquisition, image capture for mug-shot album, Fast-ID and Remote Crime Scene Evidence Transmission Station).
- 1.0.3 Interfaces to internal systems and interfaces to external systems
- 1.0.4 A system that meets operational and professional needs for a period of at least 10 years.

1.1 The Client as Application Expert**1.1.1 The Client/Main User**

- 1. The Client in this project is the Division of Identification & Forensic Science (DIFS) of the Israel National Police.
- 2. The AFIS system will be used by the DIFS Fingerprint Comparison and Identification Laboratory and a variety of INP units in the field.

1.1.2 Application Expert(s)

- 1. Chief Superintendent David Attias/ DIFS Fingerprint Comparison and Identification Laboratory [MAZAP]
- 2. Mr. Mark Iancu /DIFS [MAZAP]
- 3. Superintendent Dalia Levy / PIM / MANAT
- 4. Ms. Carmit Beckler / Technology Administration (TA).

1.1.3 User Teams

Various INP units

1.2 Goals and Targets

The goals of the AFIS (Automated Fingerprint Identification System) system are as follows:

- 1.2.1 To perform all system-wide FP- and PP-related tasks (acquisition, processing, storage, retrieval, comparison, verification, and identification) concerning suspects and unsolved crime scene latents, and other identification data such as mug-shots, demographic data, etc.
- 1.2.2 To enhance INP ability to process evidence, and to apprehend and prosecute suspects.
- 1.2.3 To perform fingerprint-based identification of individuals/suspects in real time, while suspects are still in police custody (in the field, in a patrol car, or in a police station).
- 1.2.4 To solve past crimes while suspects are still in police custody.
- 1.2.5 To solve new crimes within a minimum period of time elapsing from commission.
- 1.2.6 To classify and compare crime scene latents with the aim of eliminating authorized individuals from the list of suspects.
- 1.2.7 To identify victims in disaster events.
- 1.2.8 To increase database size and daily throughput, improve accuracy rates, and reduce system response time.
- 1.2.9 To increase the number and scope of interfaces with internal and external systems.

1.3 Issues and Concerns

The proposed system is expected to resolve the following [current] concerns:

- 1.3.1 Limited existing storage capacity
- 1.3.2 Accuracy levels
- 1.3.3 Absence of technologies to capture high-quality latent prints from crime identification units, at an AFIS-appropriate standard and format.
- 1.3.4 Absence of a computerized elimination procedure for experts working at an AFIS workstation.
- 1.3.5 Lack of database capability to store several FP/PP forms of different quality for a single suspect.
- 1.3.6 Inability to use additional biometric data such as finger joints, and writers' palms.
- 1.3.7 Need to incorporate additional biometric data and integrate biometric capabilities into system features (smartcard ID reader, handsets, and other Rapid-ID devices, etc.).
- 1.3.8 Need to add tools to experts' AFIS toolbox, including more convenient and more efficient print image analysis (improved user interface).
- 1.3.9 Increase the capabilities and usage of automated FP search processes in the database.
- 1.3.10 Need for interface capability with other AFIS systems.
- 1.3.11 Need to perform automated actions to import data from other biometric systems.
- 1.3.12 Need to incorporate a high-quality mug-shot album (database) in the suspect identification procedure (fingerprinting, etc.).

1.4 Timeframe

- 1.4.1 The INP wishes to purchase a new AFIS system, including all its key and peripheral components, and maintenance services for at least 10 years from the delivery date of each component.

2 The Application – The Nature of the System (S)**2.0 General Architecture - Highlights (I)**

- 2.0.1 The proposed AFIS will operate as a stand-alone system performing all acquisition, comparison, verification, identification, and other actions on FP and PP, and will include all the components required to perform such actions.
- 2.0.2 The proposed AFIS system will operate as a centralized system: The various end stations will be connected to the central site, where main system operations will be performed.
- 2.0.3 The Main System will be designed as a duplicated system –on the central site and on the backup site.
- 2.0.4 The resolution of FP and PP data currently stored in the system is 500 dpi. The proposed system will enable storage of data at a resolution of 1,000 dpi as well as 500 dpi.
- 2.0.5 The system will include managerial tools to control, supervise, and monitor all the components of the Main System and decentralized units from the central site.
- 2.0.6 The proposed AFIS system will interface with internal police systems using API/Services.
- 2.0.7 The proposed AFIS system will interface with external systems (i.e. FBI, Interpol) to import and export required data to and from the AFIS system, and will meet generally accepted standards in the field of AFIS (i.e., ANSI/NIST).

2.1 General Features (I)**2.1.1 Existing Situation**

1. The INP currently uses a MetaMorpho® system Version 4.01, manufactured by Sagem.
2. The system uses an ORACLE database, Version 9i. The database contains FP (rolled and plain) and PP cards of offenders and other individuals, as well as crime scene latent FP and PP, mug-shot images, and other data.
3. Existing system components:

	Description	Qty.
1	Full Work Station	8
2	Live-Scan, Booking Station	22
3	Morpho-Touch (Stationary Fast-ID work station, installed in police stations)	100
4	Rapid ID (Fast-ID portable handsets)	3
5	Administration Station	2
6	Batch Scanner	1
7	Mobile Victim FP Capture Station (developed by INP)	3

2.1.2 System Type and Class

The system is a nation-wide operational system of strategic significance in the war against crime and terror. The system renders identification services to all INP units in Israel as well as other governmental law enforcement agencies, and as such is accessible 24 ×7× 365.

2.1.3 N/A

2.1.4 Glossary of terms

ANSI	American National Standards Institute	
API	Application Programming Interface	
ARO	After Receiving Order	
ATP	Acceptance Test Plan	
B.S./L.S	Booking Station / Live Scan	Electro-optic station for FP/PP acquisition
BAZEL	FP database of daily workers	
Benchmark		Assessments of system accuracy performance
CCH	Criminal Case History	INP criminal application system.
Close search	Search against a closed group of candidates	
D.B	Data Base	
Down-time	Period of time when the System is not operating	
DRP	Disaster Recovery Plan	
Electronic Case	An electronic (NIST) file that contains all the information documenting crime-scene findings, such as latents, fingerprints of authorized individuals and suspects.	
Form 3004	Suspect Details Form	
F.W	Firewall	
FAT	Factory Acceptance Test to be performed by the manufacturer with the customer	
FP	Fingerprint	
G.U.I	Graphical User Interface	
INP	Israel National Police	
LP	Latent palm print	
LP-PP	Latent Palm print against Palm Prints	
LP-UP	Latent palm print against unsolved palm prints	
LT	Latent finger print	
LT-TP	Latent fingerprints against Ten Prints	
LT-UL	Latent fingerprints against unsolved latent fingerprints	
Legal Access Persons	Finger/palm prints of persons who have legal access to a crime scene	
MAGIC/LIMS Software	DIFS File Management System	
MAOZ	Foreign Workers FP database	
Meta-data		

Minutiae	Points of characterization	
MTBF	Mean Time Between Failures	
NIST	National Institute of Standards and Technology	
PELE	National Investigation Case File Management System	
PP	Palm Print	
PP-ULP	Palm print against unsolved latent palm prints	
Q.C	Quality Control	
S.O.W	Scope of Work	
SAN	Storage Area Network	
SAT	System Acceptance Test to be performed on INP site	
SDK	Software Development Kit	
SLA	Service Level Agreement	
T.C.P/I.P	Transport Control Protocol/Internet Protocol	
TP	Ten Print	
TP-TP	Ten Print against Ten Print	
UL	Unsolved latent fingerprints	
UL-TP	Ten print against unsolved latent fingerprints	
TALI	Israel Police Network	
UP	Unsolved latent palm print	
Writer's Palms	Marginal of hypothenar palms	
W.L	Wanted List	

2.2 Users and Interfacing Systems (I)

2.2.1 Users

The system's main users are DIFS staff members who work in various INP units. Specific AFIS applications are used directly or indirectly by a broader user base within the entire police force.

2.2.2 Internal Police Interfacing Systems

The Proposed AFIS System will interface with the following INP systems, as described in Section 2.22.

1. CCH – Criminal Case History system
2. ADAM– Retrieval of individual demographic data and confirmation that system contains individual's FP data
3. PELE/PELE ID – Investigation case file management system
4. ALBUM – Mug-shot retrieval and transmission
5. Police intelligence system
6. Computerized patrol car system
7. MAGIC/LIMS software – Laboratory case file management system

2.2.3 External Interfacing Systems

- 1 Systems of law enforcement agencies in other countries (i.e., FBI, Interpol)
- 2 External domestic systems (BAZEL, MAOZ, Ministry of Interior,

IDF) (standard WSQ format)

2.3 Subsystems (S)

2.3.1 General Description of the Main System (M)

- 1 The system will operate as a centralized system installed at an INP site.
- 2 The Main System will contain all the processing and memory components necessary for the performance of all system operations, based on the specification requirements described in this Tender
- 3 The system will have one DRP installation site that functions as a hot backup site. In the event that the main system or any part thereof fails, the system will automatically switch to the backup system, with no adverse impact on the database or system performance.

2.3.2 The following stations will be installed at the Main Site and constitute part of the Main System (M):

1. Full Work Station

- a) The Full Work Station will be used by FP experts and will include all the equipment necessary to capture, process, update, and compare FP/PP cards and crime scene latents, and electronic case files from identification units in the field. The Work Station will also allow users to prepare sketches for presentation in court.
- b) The Work Station will allow users to open an electronic case file and perform a preliminary latent quality evaluation and conducting a close search against the FP and PP of legally authorized individuals (for elimination) and/or fingerprints of potential suspects in the investigation file.
- c) The Full Work Station will include all the tools necessary to perform these actions at the Station. The Bidder shall list all the tools included in the Work Station.
- d) The Work Station will allow information to be received from and transmitted to INP systems through Services, API.
- e) The Work Station will include a printer that prints high quality latents on a scale of 1:1 or greater, on high-quality, durable photo paper, and at a resolution identical to the resolution of the original.
- f) The Bidder will supply a user-friendly graphic interface (GUI) for the performance of all the expert's work tasks.

2. Administration, Command, and Control Station

- a) The Administration Station will be used by the system administrator to manage, control, and monitor the Main System and all the connected end-user equipment, and all work processes.
- b) The Administration Station will include all the tools necessary for system administration.
- c) The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all the system administrator's work tasks.

3. Batch Scanner

- a) The Batch Scanner is designed for rapid, two-sided scanning of FP/PP cards, and will include all the necessary equipment for this purpose.
- b) The Batch Scanner will include all the tools necessary for

scanning operations.

c) The Bidder will supply a user-friendly graphical interface (GUI) to perform all scanning operations.

4. **Central Site Server for Collection and Management of Electronic File Queue**

a) This Server will receive from field work stations electronic files containing latent FP/PP prints collected in crime scenes, FP/PP forms of individuals with legal access and potential suspects. The Server will also receive all documentation related to the case, including various reports and files.

b) This Server will monitor the electronic file queue pending treatment, in various cross-sections.

c) The Server will allow electronic files to be saved.

d) The Server will operate a system service for investigation case management and revision of electronic file case status (returned from lab, retrieved from queue for examination, etc.).

2.3.3 **The following types of end-user stations will be installed at various mobile or stationary sites (M):**

1. **Remote Crime Scene Evidence Transmission Station**

a) The Station will be used by crime scene investigators to transmit electronic case files including latent FP/PP prints from various sources (lifted, scanners, cameras, etc), FP/PP forms of individuals who have authorized access to the crime scene, documentation including report files, images, etc., to the Main System, in the shortest time possible.

b) The Station in the field will maintain a record of, and will monitor, all evidence transmitted to the AFIS system for processing.

c) The Station will contain all the tools necessary for performing all the operations at the Station. The Bidder will list all the tools included in the Station.

d) The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all the operations at the Station.

e) The Station will support transmission of information to and from INP units through API/Services (S).

2. **Live-Scan Booking Station (Stationary electro-optic booking station in police stations) –**

These stations are designed for acquisition of FP, PP, mug-shots, and Fast-ID of suspects. The operating officer will use the Live-Scan Booking Stations to perform the following functions:

a) The operating officer will operate the Station using biometric identification (FP). (S)

b) To verify ID / perform Fast-ID of individuals based on one or more fingerprints.(S)

c) Acquisition of plain and rolled FP including joints, PP, and writers' palms.

d) The Station will support PP capture including sequence checks and association to FP (S).

- e) Capture of rolled FP is not conditional upon maintaining sequence order (S)
- f) The station will include an automated mechanism to identify the location of FP on the capture surface. (S)
- g) The Station will include a QC mechanism and allow acquisition of best FP among a series of repeated acquisitions of a single finger (either automatically or manually, at the user's discretion).(S)
- h) The Station will support photography of the captured image from several angles and at a high quality for storage in a mug-shot album, and will support the use of a biometric face recognition system.
- i) The camera will be controlled by an application installed on the Booking Station, which will constitute an integral part of the booking process, and will include features such as automatic zoom, red-eye prevention, etc.
- j) The Station will include all the tools required to perform the actions at the Station. The Bidder will list all the tools included in the Station.
- k) The Bidder will supply a user-friendly GUI for all tasks performed at the Station.
- l) The application installed on the Station will include an interface that supports receipt of demographic and other data from other INP systems (CCH or ADAM) through services (API, services).
- m) The application installed on the Station will allow users to enter demographic data manually in the event that the interface to INP systems is unavailable.
- n) The application installed on the Station will allow users to manually enter descriptions of suspects for the mug-shot album, including height, weight, skin color, tattoos, etc.
- o) The application installed on the Station will transmit suspect descriptions and images to the police mug-shot album through services (API, services).
- p) The system will store, for a period of at least three months, suspects' PP/FP and mug-shots collected in the field, and subsequently transmit them as a file to the Main System.
- q) Back-up of stored data will automatically be saved on the computer hard drive and on external media (DVD).
- r) The application installed on the Station will include a bi-directional interface through which users receive search results from the Main AFIS System.
- s) The Station will support email applications connecting the various stations and the Main System, for transmission and receipt of NIST files
- t) The INP wishes to examine the option of using its existing stations (22) in the future, at a resolution of 500 dpi and maximal use of existing hardware. The Bidder will propose an upgrade to adapt said booking stations to the new work format, in addition to the new stations. (S).

3. **Portable Live-Scan Station (M)**
 - a) The Station will be used for acquisition of FP, PP, mug-shots, and Fast-ID of suspects.
 - b) The Station will include all the capabilities of the LiveScan Booking Station described in 2.3.3 (2) above.
 - c) The Station will contain all the tools necessary for performing all the operations at the Station. The Bidder will list all the tools included in the Station.
 - d) The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all the operations at the Station.
 - e) The system will support transmission of captured data to the Main System either on a cellular network and/or police intranet.
4. **Optical Fingerprint Sensor/Reader for Investigator Station(M)**
 - a) This Sensor/Reader is designed for verification and identification tasks. The Sensor/Reader will be installed on the investigator's P.S.
 - b) The Sensor/Reader supports capture of one or more fingerprints for use on Investigation Form (3004) which is stored in the investigation file management system (PELE), and supports printing of the form including the FP.
 - c) The Bidder will supply a user-friendly graphical interface (GUI) for the performance all acquisition activities, including a QC mechanism for captured FP.
 - d) The user will transmit FP to the AFIS system for identification/verification process using API/Services. Matching results will be returned to the investigation file management system (PELE) using API/Services.
5. **Fast-ID Handset (M)**
 - a) The Handset will be used to identify individuals or verify their identification.
 - b) The Handset will compare prints against the local database (Wanted List) of at least 100,000 records and against the centralized database, using police intranet or cellular communications.
 - c) The Handset will support installation of police applications that are unrelated to FP checks.
 - d) The Handset will support transmission of FP to the AFIS system using verification/identification services. Results will be returned to the Handset through API/Services.
 - e) The Handset will include a built-in smartcard reader and support comparison of the fingerprint sample to the fingerprint embedded on a smartcard (1:1).
 - f) The Handset will include a built-in photography component which can be used to photograph mug-shots of suspects (S).
6. **Wireless Fast-ID Electronic Component (Bluetooth) (M)**
 - a) The component is designed for Fast-ID of an individual using FP.
 - b) The wireless component will include an optical FP scanning surface and will have a scanning resolution of 500 dpi.
 - c) The component will include a display for test results.
 - d)The component will include Bluetooth communication capability.
 - e) The component will support transmission of images of FPs to

- computers, laptops, patrol car computers, smartphones, and Bluetooth-enabled walkie-talkies.
- f) The results of the identification will be transmitted to the computers, laptops, patrol car computers, smartphones, and walkie-talkie units that initiated the processing request.
7. **Patrol Car Fast-ID Component (S)**
- a) The component is designed to identify or verify the identification of suspects. The component will be installed in the computerized patrol car system.
- b) The component will be used by police officers in computerized patrol cars, to scan and transmit FP to the Main System for verification or identification, and will receive a match/no-match reply.
- c) The Bidder will supply a user-friendly graphical interface (GUI) for sampling, including a QC mechanism for captured FP.
- d) The user will transmit FP to the AFIS system for identification/verification using API/Services. Results will be returned to the patrol car system using API/Services.
8. **Mobile Victim FP Capture Station (S)**
- a) The Station is designed for FP capture from deceased victims.
- b) The Bidder will supply a user-friendly graphical interface (GUI) for acquisition, including a QC mechanism for captured FP.
- c) The Station will support local storage of FP as NIST files, and transmission to the AFIS system for identification and verification.
- d) The Station will transmit captured data to the Main System by cellular or INP intranet communications.
- e) The Station will support printing of FP forms on a scale of 1:1 at a high quality appropriate for comparison processing by experts.
9. **Smartcard Biometric ID Reader (M)**
- a) Smartcard Biometric ID Readers will be installed in the Investigator Station and in computerized patrol cars, to allow biometric verification against biometric identity cards (smartcards containing the card owner's biometric data).
- b) The Smartcard Biometric ID Readers will interface with applications installed on Investigator Stations and patrol cars.
10. **Mobile Crime Scene FP Image Capture Component**
- a) The Bidder will propose a mobile component for photographing FP at crime scenes at a resolution of 500 dpi or greater and on a scale of 1:1.
- b) Use of this component to photograph FP at crime scenes will not require special lighting.
- c) The component will support transmission of photographs attached with crime scene identification data to the AFIS system, by cellular transmission and/or by internal police networks in order to perform a search in the main database.

2.4 User Interface (S)**2.4.1 Human Engineering (M)**

1. The system shall be Windows and/or Web-oriented, according to Station type, and operation shall be consistent with Windows-environment user interfaces that are generally accepted in software programming today.
2. In all work stations, the user interface will be oriented to Windows systems.
3. The interface shall be of user-friendly GUI type. Bidder shall specify and supply illustrations of interfaces and descriptions of various screens.
4. In all work stations in the field, the interface language will be Hebrew (booking stations, crime scene investigator stations, investigator stations, handsets, victim capture stations, patrol cars, etc.).
5. For all applications in full work stations and Batch Scanner stations, the interface language will be Hebrew or English, with priority given to an interface in the Hebrew language. (S)

2.4.2 Action screens (S)

The Bidder will specify and describe the actions screens for each system user (experts, investigators, system administrators, etc.).

2.5 Processes (M)**2.5.1 General****Main AFIS system procedures:**

1. **Acquisition/capture/importation** of a suspect's FP and PP from various sources.
2. Management of latent FP and PP from crime scenes
3. Receipt of electronic files containing latents from crime scene identification units in the field, and performance of elimination (based on FP of individuals with legal access to the crime scene).
4. **Matching** - Search against existing database for suspect verification, identification, and updating.
5. **Crime Solving** - Analysis of crime scene latent FP/PP.
6. **Crime Links** - Linking unsolved crime scene latents FP/PP from different crime scenes.
7. Fast ID **authentication** and/or **identification** of suspects.
8. **FP classification, coding, and QC**
9. **FP analysis** by expert
10. Preparation of identification charts by experts for presentation in court.
11. Report generation.

2.5.2 Acquisition/capture/import Processes (M)

1. The system will support capture, storage, and retrieval of FP cards of rolled and plain prints of all ten fingers, knuckles, palm prints and writers' palms that are suitable for criminal identification.
2. The system will support substitution of more recent FP/PP by generating a virtual FP card that always contains the most recent and accurate biometric data.

3. The system will support storage in the database of at least three of the highest quality FP/PP forms per suspect (multi-registration/multiple record).
4. The system will support capture of FP/PP cards from various sources:
 - a) Scans of FP captured in ink
 - b) From large batches of FP/PP cards using a batch scanner with automatic feeder.
 - c) From files imported from other AFIS systems (i.e., Interpol, FBI, etc.) including FP and PP, complying with generally accepted standards (NIST).
 - d) From electro-optic systems (LiveScan Booking Stations)
 - e) From the victim capture system.
5. The Bidder will specify any additional means used to capture FP/PP (S).
6. The system will support retrieval of information exposed by police systems using API/Services.
7. The system will support entry of demographic information contained in FP cards and latent FP, using a barcode reader.
8. **Adding suspects' mug-shots**
 - a) The system will allow a suspect's mug-shot to be added to the FP/PP card when printing.
 - b) A copy of the mug-shot will be transmitted for storage in the AFIS system, as part of the enrollee's identity data.
 - c) The system will allow photography and storage of several photographs of a suspect from different dates.
 - d) When FP/PP are acquired using the Live-Scan Booking Stations the system will allow: (S)
 - (1)The suspect to be photographed from various angles and photographs will be stored in the main mug-shot album.
 - (2) Entry of data that describe the suspect, which will be stored in the mug-shot album.
 - e) A copy of the mug-shots will be transmitted to other police systems. The Bidder will specify image transmission mode, with preference given to image transmission using exposed police system API/services. (S).
9. When FP/PP are acquired using the Live-Scan \ Booking Stations, an image of the suspect's signature may be added to the FP card (The suspect will provide a signature sample using an electronic signature pad).
10. **Acquisition of Latents at the Expert Station**
 - a) The system will support capture, storage and retrieval of latent FP/PP of various sizes from crime scenes and from different sources (scanners, electronic case files, camera, portable media, Inter-AFIS, and other AFIS systems).
 - b) The Bidder will specify all possible acquisition options for latent FP/PP (S).
11. **Future integration of facial-recognition-based biometric identification (S)**

- a) The system will support integration of biometric identification of suspects based on facial images, and storage of facial image files in a retrieval database (for future use in facial recognition).
 - b) The system will support construction of a 3D model from photographs taken of the suspect.
- 12 Upon completion of the acquisition process, the search procedures described below will be activated automatically, unless otherwise decided by the user.

2.5.3 Search processes against the existing database: verification, identification, and updating (M)

1 TP-TP (tenprint against tenprint)

Tenprint card is checked against Tenprint Database

a) ID Query (Verification)

(1) After the suspect's FP card is captured, the system checks whether the suspect's ID number exists in the system. If it does exist, the system will display the TP card associated with the ID number in the database, which the expert will compare to the acquired TP, and determine a match/no match.

(2) In the case of a match, the system will automatically perform the Merge/Update function, selecting the highest quality FP/PP from both cards. System will also offer experts the option to manually intervene and select the highest quality prints for updating the database. The system will also support storage of several forms for any individual.

b) TP-TP Identification

(1) If there is no match between the FP on the two cards, the system will search and compare the individual's prints with the existing TP database (TP-TP).

(2) If candidates for a match are found, the system will display a candidate list of up to three of the closest matching fingerprints, for analysis by an expert.

(3) If a match is found with the suspect's FP, the system will automatically perform the Merge/Update function, selecting the highest quality FP/PP from both cards. System will also offer experts the option to manually intervene and select the highest quality prints for updating the database.

(4) Whenever the suspect's FP are stored, the system will allow user to select full/partial Merge-Update, migration, or deletion functions.

(5) Whenever a suspect's ID number does not exist in the database, the suspect's FP will be processed using the TP-TP identification procedure as described above.

2 PP-PP Function (Palmprint against palm prints)

a) If FP are permanently or temporarily unavailable for acquisition (due to bandages, amputation, etc.), the system will identify the suspect using PP, if any exist.

b) The system produces a candidate list based on PP matching, for analysis by an expert.

c) Whenever the suspect's PP are stored, the system will allow user to select full/partial Merge-Update, migration, or deletion functions

2.5.4 Crime Solving (M)

- 1 **LT-TP Function (Latent Fingerprints against Ten Prints)**
 - a) The system will search and compare every newly captured latent FP against the existing database.
 - b) Matching will compare against the entire database or a defined list of FP records, based on suspect ID or archive number (Close Search), to be entered by the expert or generated by demographic filters to be exposed by the police systems (Filtering).
 - c) Before processing, the expert may limit the data base size for searching by entering additional parameters relating to the latent FP. These data may include finger number, pattern type, delta and center location, and pattern types of adjacent or other fingers that can be determined to belong to the same hand or another hand of the same individual. The system will also support allow the search to be restricted using various cross sections.
 - d) Any deviation in the print angle of 30⁰ or more to either side will not affect the system's search capabilities. In the absence of information on the print orientation, the system will support a 360⁰ search.
 - e) The Bidder will specify any additional processing parameters to be defined in the search process. (S)
 - f) The system will generate a list of 10-15 candidates with the highest match value, displayed in descending match score order.
 - g) The system will allow the expert to select up to 50 candidates for display in the candidate list.
 - h) If the expert determines that the latent prints do not match any candidate, an initiated search of the unsolved latent FP maybe performed in the unsolved latent database (UL), at the expert's discretion.
 - i) If the expert determines that the latent prints do not match any candidate, the latent will be automatically be stored in the UL (Unsolved Latent) database.
 - j) If the expert determines that a match (HIT) with one or more FP latents is obtained, the latent will be stored in the system, but not in the Matcher components.
 - k) The system will update the search results status in the police systems by activating services.
- 2 **LP-PP Function (Latent palm prints against palm prints)**
 - a) Upon capture of a latent LP, the system will process and search against all PP records in the PP database.
 - b) The LP will be compared against the entire database or a list of PP records, either defined by the expert based on suspect ID/archive number (Close Search), or generated by demographic filters or other police services to be exposed by the police systems. (Filtering).
 - c) Before processing, the expert may reduce the data base size for searching by entering additional parameters relating to the latent prints. These data include right or left palm, location, and pattern types of fingers associated to the palm, if any exist. The system will also support allow the search to be restricted using various cross

sections.

d) Any deviation in the print angle of 30⁰ or more to either side will not affect the system's search capabilities. In the absence of information on print orientation, the system will support a 360⁰ search.

e) The Bidder will specify any additional search parameters (S).

f) The system will generate a list of 10-15 candidates with the highest match value, displayed in descending match score order.

g) The system will allow the expert to select up to 50 candidates for display in the candidate list.

h) If the expert determines that no match against any candidate was found an initiated search of the unsolved latent PP may be performed in the unsolved latent database (UL), at the expert's discretion.

i) If the expert determines that no match against any candidate was found, the latent will automatically stored in the UP (Unsolved Latent Palmprint) database.

j) If the expert determines that a match was found (HIT) with one or more PP latents in the candidate list, the latent PP will be stored in the system, but not in Matcher components.

3 **TP-UL Function Tenprint against unsolved latent fingerprints**

a) When a suspect's FP record is captured or updated, the system will automatically process and search it against all UL fingerprints (the Default option).

b) Comparison is against the entire UL database.

c) If necessary, comparison is performed against a specific group of latent case files (Close Search) (S).

d) The system will display all unsolved latent fingerprints that meet the defined minimum criteria, together with a visual display of the crime scene prints and the suspect's relevant fingerprints, for analysis by the expert.

e) The system will generate a list of candidates with the highest match value, displayed decreasing match value order. The candidate list will not be limited in length, and will contain all the unsolved latent fingerprints that meet the minimum match criteria.

f) If for a fingerprint record will appear in the candidate list two or more latents associated with a specific case (Multi), the system will display a visual alert. The Bidder will specify the alert mode.

g) If the expert determines that a match was found (HIT) to one or more latents on the candidate list, the solved latent will be stored in the system but will be removed from the Matcher component.

4 **PP-UP Function Palmprint against unsolved latent palmprints**

a) When a suspect's PP record is captured or updated, the system will automatically process and search against all UP fingerprints (the Default option).

b) Comparison is against the entire UP database.

c) If necessary, comparison will be performed against a specific group of latent files (Close Search) (S).

d) The system will display all latent palm prints from the UP

database that meet the defined criteria, together with a visual display of the crime scene palm prints, and suspect's relevant prints, for analysis and decision by the expert.

e) If for a PP record will appear in the candidate list two or more latents associated with a specific case (Multi), the system will display a visual alert. The Bidder will specify the alert mode.

f) If the expert determines that a match was found (HIT) to one or more latent PP on the candidate list, the solved latent PP will be stored in the system but will be removed from the Matcher component.

2.5.5 **Crime Linking (M)**

1 **LT-UL Function Latent fingerprints against unsolved latent fingerprints**

a) The system will allow the expert to initiate a search and comparison of FP latents against all unsolved fingerprint latents in the UL database.

b) Comparison will be against the entire database.

c) If necessary, comparison will be performed against a specific group of cases with unsolved latent prints (Close Search). (S)

d) Before processing, the expert may enter different filters relating to the latent prints to reduce the data base size to be searched. These data include: finger number, pattern type, delta and center location, and pattern types of adjacent or other fingers. The system will also support filtering of the search using various cross sections.

e) Any deviation in latent print angle of 30^0 or more to either side will not affect the system's search capabilities. In the absence of information on print orientation, the system will support a 360^0 search.

f) The Bidder will specify additional search parameters (S).

g) If a match is found between latents associated with two or more cases, this information will be stored in the system and will be added to the demographic information of both case files (S).

2 **LP-UP Function -Latent palm prints against unsolved latent palm prints**

a) The system will allow the expert to initiate a search and comparison of PPs against all unsolved latent prints in the UP database.

b) Comparison will be against the entire database.

c) If necessary, comparison will be performed against a specific group of cases with UP (Close Search). (S)

d) Before processing, the expert may restrict the data base size to be searched, by entering additional parameters relating to the latent prints. These data include right or left palm, location, and pattern types of adjacent or other fingers associated to the palm if exist. The system will also support filtering of the search using various cross sections.

e) Any deviation in latent print angle of 30^0 or more to either side will not affect the system's search capabilities. In the absence of information on printing orientation, the system will support a 360^0

search.

f) The Bidder will specify additional search criteria. (S)

g) If a match is found between latent PPs in two or more case files, this information will be stored in the system and will be added to the demographic information of the relevant case files. (S)

2.5.6 **Verification and/or Fast ID based on one or more FP (M)**

1 The system will support real-time suspect identity verification (1:1) and/or identification (1:N) against the central database and against the local database (Wanted List) in user stations that have access to such information.

2 The system will support use of stationary or mobile end equipment, such as Fast-ID components in investigator stations and/or patrol cars, and Fast-ID handsets, which will operate by police intranet and/or cellular communications. The system will also support Fast-ID component operating on a wireless (Bluetooth) connection.

3 **Optical Fingerprint Sensor/Reader(Investigator Station) Procedures**

a) The investigator captures the suspect's fingerprint using the optical fingerprint sensor/reader. The investigator uses the GUI to perform the capture, and applies the QC mechanism to the captured FP.

b) The FP is transmitted by API/Services to the PELE (Investigation File Management) system, where an image of the FP is stored as a JPEG file on the form.

c) The FP is transmitted to the AFIS system using verification/identification services. Results are returned to the PELE (Investigation File Management) system by API/Services.

4 **Fast-ID Handset Procedures**

a) The user captures the suspect's FP.

b) The FP are checked against the local database (Wanted List) or transmitted by police intranet or cellular communications for search against the central database.

c) Results are returned to the police application installed on the Fast-ID handset, using API/Services.

5. **Patrol Car Procedures**

a) The user captures the suspect's FP.

b) The FP is transmitted by cellular communications for processing against the central database.

c) Results are returned to the police application installed in the patrol car, using API/Services.

6. **Fast-ID procedures using a wireless (Bluetooth) component**

a) The user captures the suspect's FP.

b) The FP is transmitted by Bluetooth to a defined communications component, such as patrol car computer, laptop, handset, smartphone, or other, which transmits the FP by police intranet or cellular communications for processing against the national database.

c) Results are returned to the police application installed in the patrol car, using API/Services.

2.5.7 Processing by an Expert

- 1 The system will include a variety of graphic tools (GUI) that experts can use to process images, apply various filters, etc, to obtain the most professional results possible at each stage of the process: capture, QC, comparison, verification, identification, etc.
- 2 The Bidder will specify the graphic tools available to experts for processing FP/PP, and include a comprehensive detailed explanation of their functionality and integration. (S)
- 3 The Bidder will specify all the tools available to experts for preparing and processing the information for presentation in court (Charting), and include a detailed explanation of available features (S).

2.5.8 Minutiae Coding, Pattern Classification, and QC (M)

- 1 **Pattern Classification**
 - a) Pattern classification is performed automatically; experts may add patterns.
- 2 **Latent Pattern Classification**
 - a) Latent pattern classification is performed manually by an expert. The Bidder will specify additional features for automated processes.
3. **QC – Quality Control**
 - a) As its default option, the system will automatically transmit suspects' FP/PP cards (as needed) to a QC process. This feature will include an option for manual intervention by an expert.
 - b) Quality control of the system will include, among other things, an automated procedure that tests sequence of printing, including an option for expert intervention in the process.
- 4 **Minutiae Coding**
 - a) The system will automatically code suspects' FP and PP.
 - b) The system will identify prints that do not meet minimum quality criteria and divert them to a QC process by an expert.
 - c) The system will allow manual modification of coding by the expert for FP/PP transmitted to the QC system.
- 5 **Latent Coding**
 - a) The system will support automatic coding of latents including the option of manual intervention by an expert, as necessary.
 - b) The system will automatically identify and mark the location of the FP/s or PP/s on the latents, including an option of manual intervention by the expert (auto-segmentation). (S)

2.5.9 Management and Control Processes (Administration)(M)

- 1 The Administrator Station will include a GUI that offers the following functionality to the system administrator:
 - a) Use management.
 - b) Queue monitoring and management in the various work procedures (WIP)
 - c) Monitoring and tracking system and user performance
 - d) Maintenance activities and system backups
 - e) Remote control and command over end units
 - f) Generation of statistical system reports

- g) Design new reports using a report generator
- h) Work environment management (servers, work stations, various types of end equipment)
- i) Track irregular system activities
- j) Track work procedures by user station and other identifying data
- k) Access, retrieval, and display data from audit files (logs)

2.6 NA

2.7 NA

2.8 NA

2.9 NA

2.10 Coding Tables (S)

2.10.1 Preference will be given to solutions that incorporate the code tables used by the INP.

2.10.2 Details of the tables will be furnished when detailed specifications and SOW are furnished.

2.10.3 Bidders will specify proposed table revision method.

2.10.4 INP code tables are SQL tables incorporated into the organizational database.

2.10.5 The Bidder will be required to migrate the existing code tables used by the current system (M).

2.11 NA

2.12 Database Architecture (M)

2.12.1 The system will create a logical distinction between prints from different sources (i.e., division between criminal and civil databases).

2.12.2 On the operational activation date, the storage system will include the required capacity and extendible storage capacity according to police requirements.

2.12.3 The BASEL and MAOZ system databases are civilian databases and shall be maintained separately. Databases that are received from the FBI or Interpol will similarly be maintained separately.

2.12.4 Definitions of types and scopes of searches against the various databases will be determined according to law.

2.12.5 The system will support an increase in the quantity of data, as specified in the following table:

The following table is based solely on estimations and quantities may change from time to time.

	Data Description	Data	End 2011	Required capacity (Day 1)
1	Rolled tenprints	TP	900,000	1,500,000
2	Palm prints	PP	400,000	1,100,000
3	Writers' palms	WPP	0	600,000
4	Slap/Plain tenprints	STP	250,000	1,100,000
5	*Plain FP – 2 fingers (from external system: BASEL MAOZ) (Civilian databases – to be maintained separately)	2 Finger	*0	1,000,000

6	Rolled and plain tenprint and PP from external system (Interpol, FBI, etc.)	TP+PP+STP	**0	250,000
7	Unsolved latent FP	UL	140,000	230,000
	Unsolved latent PP	UP	80,000	150,000
8	Facial images (all enrollees)	--	80,000	600,000

*** The Bidder will be required to provide a solution for importing data from the MAOZ and BASEL databases (app. 300,000 records from each system).**

**** The Bidder will be required to provide a solution for importing data from FBI/Interpol AFIS systems (app. 50,000 records from each system).**

2.13 NA

2.14 Reports and Queries (M)

- 2.14.1 The Bidder will specify the default reports included in the system.
- 2.14.2 The Bidder will develop at least 10 report formats based on INP definitions.
- 2.14.3 The system will include an integrated report generator. Preference will be given to Bidders using one or more of the following report service platforms: Microsoft SQL Server, Web Focus (IBI Information Buildings USA) (S).
- 2.14.4 The system will support generation of reports of all the data contained in, and actions performed by the system.
- 2.14.5 The system will support generation of reports by cross-sections, i.e. ID number, population group, data source, user ID, data category, etc, and by combinations of parameters, including longitudinal data.
- 2.14.6 The system will support generation of statistical reports of the database, i.e., growth within a range of dates, by data entry ID.
- 2.14.7 The system will produce graphic displays of data defined by various cross-sections (corresponding to the report parameters described above) and include graph display options that are similar to Excel-based graphs, and additional information, if required.
- 2.14.8 The system will support exporting of the reports in various formats (PDF, Excel, Word).
- 2.14.9 The system will support generation of comparative historic reports on operations, traffic, storage volume, loads, and statistical data.
- 2.14.10 The system will support generation of historical reports of faults by site, frequency, and other parameters.
- 2.14.11 The system will support generation of operating reports by various parameters (activity type, activity results, etc.).
- 2.14.12 The Bidder will specify the system's report generation capability in terms of cross-sectional data.
- 2.14.13 The Bidder will specify reports, export/routing capabilities to printers, screens, files, email, etc.
- 2.14.14 The system will allow the system administrator to define reports according to his/her needs (S).
- 2.14.15 The Bidder will attach sample reports to his Bid.

2.15 NA

2.16 NA

2.17 NA

2.18 NA

2.19 Information Security (M)

2.19.1 The Bidder will meet conventional INP requirements concerning Information Security (IS).

The Bidder will specify user authentication method (password, token, smartcard, biometrics, etc.), with reference to the existing INP user authentication system (Active Directory). (S)

2.19.2 The Bidder will specify the system's capabilities concerning password management (modification, blocking repeat failed access attempts, complexity, limit on number of repeat password selection cycles, etc).

2.19.3 The Bidder will specify the methods of secured access to the management system (HTTPS).

2.19.4 The Bidder will specify the existing system mechanisms for protecting information integrity against faulty changes or unauthorized deletion.

2.19.5 The Bidder will furnish detailed documentation of hardening procedures for all the components that comprise the system (servers, workstations, equipment, networking components, databases, etc.).

2.19.6 The Bidder will specify the security features of the interfaces between all the system's components including servers, workstations, equipment, networking components, databases, etc. (mutual authentication, certificates, etc.).

2.19.7 The Bidder will specify the security features of the external interfaces between the system and INP systems.

2.19.8 The Bidder will specify the system's features of identity and permission management, including permission levels, permission scope defined for each user role; and the systems' ability to define work procedures for any defined user permission structure. Identity management will be performed globally against existing INP authentication mechanisms. As of the publication date of the Tender, the INP uses an IDM system specifically developed for this purpose.

2.19.9 The proposed system will authenticate users' identity against the INP IDM system as part of its identification procedure.

2.19.10 The Bidder will specify the system's ability to prevent unauthorized access to the system's databases. Additional points will be awarded for a system that support encryption of the data stored in its database. The Bidder will specify the symmetric or asymmetric encryption capabilities that exist in the database that stores the system's reference database.

2.19.11 The Bidder will specify system features related to system operation audits, such as a dedicated event log, audit files that log events such as task execution time, task type executed (deletion, modification, addition), user logins and logouts, modification of administrator passwords, modification and addition of permissions actions that were executed by users, procedures and applications.

2.19.12 The Bidder will specify whether users' sessions are terminated after a period of non-activity.

2.19.13 User identification at login – Users will identify themselves to the system using biometric two-factor authentication (FP). The Bidder will specify the

mechanism used to implement this authentication procedure.

- 2.19.14 The proposed system will be capable of interfacing with the INP PKI infrastructure, and will include optional smartcard user authentication in compliance with Standard X509V3.
- 2.19.15 The Bidder will specify the anti-virus mechanisms integrated into the proposed system. In any event, the INP reserves its right to integrate into the system-wide anti-virus solutions used by the INP.
Note: The INP uses Trend Micro Office Scan software on work stations, and McAfee on servers.
- 2.19.16 Additional points will be awarded for a system that is certified by international information security standards. The Bidder will specify the IS standards that the proposed system is certified for on the bid submission date, such as EAL 2 or higher (ISO/IEC 15408), or whether the system is undergoing certification and anticipates certification within one year from the bid submission date.
- 2.19.17 The Bidder will specify any additional means of security and defense in the proposed system designed to accomplish the above goal.

2.20 NA

2.21 Volume, Work Loads, and Capacity (M)

2.21.1 Required Daily System Throughput

- 1 **The proposed system must meet the following minimum daily work throughput rates from Day 1 (the first operating date). Calculations are based on 8 hours of operation per day:**

	Daily Throughput	Processing	Current daily production quantity	Required daily production quantity
1	Capture, search and compare tenprint card to database	TP-TP	200	500
2	Capture, Palm Print card to database	PP	200	500
3	Compare FP to unsolved latent database	TP-UL	200	500
4	Compare PP to unsolved latent database	PP-ULP	200	500
5	Compare latent FP to database	LT-TP	60	200
6	Compare latent PP to database	LP-PP	30	150
7	Compare latent FP to unsolved latent FP database	LT-UL	10	20
8	Compare latent PP to unsolved latent PP database	LP-UP	10	20
9	Capture of plain 2-fingers and compare	TP-TP	200	1000

	to 2-finger and tenprint database			
10	Fast ID against the entire DB	Fast ID	2,000	10,000

2.21.2 Required System Response Times

1. **Response times in the proposed system will not exceed the following maximum response times:**

Task	Maximum Required Response Times (at peak)
TP-TP	1 minute
Remote DB-2-Finger Fast ID – search against the entire DB	1:N –30 seconds 1:1 –15 seconds
Local DB – 2-Finger Fast ID – search against a DB of 100,000	1:N – 30 seconds 1:1 –5 seconds
TP-UL, PP-UL	5minutes
LT-TP, LP-PP	5minutes
LT-UL, LP-UP	5minutes

Note: Response times defined above do not include communication link time.

2.21.3 Accuracy

- 1 The system will meet minimum accuracy levels defined in Section 6.4 and Appendix 6.4.

2.22 Interfaces and Links (M)

2.22.1 List of linked systems (I)

- 1 ADAM – Demographic data retrieval and transmission, including indication about FP present in DB.
- 2 CCH - criminal case system
- 3 PELE – Case File Management System
- 4 ALBUM
- 5 INP Intelligence System
- 6 Computerized Patrol Car System
- 7 MAGIC/LIMS Laboratory Information Management System
- 8 Foreign systems (FBI, Interpol, etc.)
- 9 External domestic systems (BASEL, MAOZ, Prison Service, Ministry of Interior, IDF)

2.22.2 ADAM System – Retrieval of demographic data about person and transmission of FP data about the person.

1. Demographic data are received from ADAM by activating services of the INP systems.
2. The AFIS system will create a unique archive number for each new enrollee based on his ID number, or fictitious number, or passport number and country, or anonymous code.
3. Information on existence/absence of FPs for an individual and the quality of the FPs will be transferred to the INP systems through services to be exposed by AFIS.
4. The AFIS system will allow receipt of a file that contains a defined

list to be used to establish a local DB (Wanted List), using services to be exposed by the INP systems.

2.22.3 **Interface with Criminal Case System**

- 1 The INP is currently replacing its Criminal Case System (I).
- 2 The existing system is a M/F system that does not support API/Services (I)
- 3 At the detailed specification stage, a decision will be made on whether the proposed system will also interface with the existing Criminal System.
- 4 **Specifications in the event that the proposed system will also communicate with the existing Criminal Case System:**
 - a) The proposed system will receive demographic data from the CCH System based on ID number (or in absence of an ID number, CCH registration number for individuals who are not holders of an Israel ID card). The number will be entered at the AFIS system work station/Booking Station. Results from the CCH will be displayed in the appropriate fields on the work station/Booking Station screen.
 - b) The AFIS system will transmit all updates concerning FP, PP and mug-shots to the CCH System, including existence of prints, changes in the quality of enrolled FP, addition of FP not previously enrolled, addition of previously non-existing PP, modification of status (from juvenile to adult), change of gender, FP\PP deletion. A precise list of fields in the file will be determined at the detailed specification stage.
 - c) Transfer of unique files from the CCH System to the AFIS system in an ongoing manner, including list of wanted offenders and suspects wanted for investigation, in order to create a unique local database of FP (Wanted List) for Fast ID.

2.22.4 **ALBUM System (S)**

1. The AFIS system will activate INP album services for retrieval and display of mug-shots.
2. The AFIS system will transmit images captured in the acquisition and booking process at the electronic booking station to the ALBUM system through services.
3. The AFIS system will transmit the physical description entered in the acquisition and booking process at the electronic booking station to ALBUM through services.

2.22.5 **MAGIC/LIMS Forensic Lab Management System (S)**

1. The INP has a system that manages the forensic lab's work performed by the labs, the test procedures, and their results. The existing system is based on MAGIC and an SQL 2005 database.
2. The INP is currently replacing the above system to a LIMS-type off-the-shelf product.
3. Communications with the forensic lab management system (MAGIC/LIMS) are needed to receive and transmit information on the case under investigation, and to transmit information on the test

results in the AFIS system.

2.22.6 The AFIS system will expose standard API/services for FP receipt and return of results to INP applications. The Bidder will specify the API including all the services contained therein.

- 1 The API/services exposed by the Bidder will be Web Services(Preferably services developed in WCF)or COM+.
- 2 Preference will be given to services that receive and transmit information in XML (S).
3. The AFIS system will expose at least the services described below:(S)

Function	Input	Output
Authentication (1:1)	FP for verification	IDexists and ID and FP match ID exists and FP does not match ID does not exist
Identification (1:N)	FP for matching	FP that exist + ID that found FP does not exist
Retrieval of indication that FP exists/ does not exist	ID number	Indication that FP exists FP quality Archive number exists

2.22.7 The AFIS system will support activation of standard services to be exposed by INP systems (Web Services[preferably services developed in WCF], or COM+). The Bidder will specify manner of connection to these services. (S)

2.22.8 The final specifications of all system interfaces with the INP systems will be determined at the detailed specification stage.

2.22.9 **Interfaces to External Services (M)**

- 1 The interfaces will be based on FBI- and Interpol-approved standards (NIST files).
- 2 FP files received from external sources will include demographic data, FP\PP images, identifying FP metadata, and mug-shots.
- 3 The data will be processed by the AFIS system and a reply returned to the external system.

3 Technology (S)**3.0 General Architecture – Highlights (I)**

3.01 The proposed system will be based on advanced technology, specifically developed for this application.

3.0.2 All the delivered equipment will be new, A-grade equipment in original packaging, representing the latest updated engineering version, and that was not previously used in any other system.

3.0.3 The system will operate as a centralized system (Main System) and will include all the processing and memory components required for the operations of the entire system functions.

3.0.4 The Main System will be designed as a duplicated system – part of the system will be on the central site and part will be on the backup site (DRP).

3.0.5 Reliability Standards (M)

1. The proposed system will be based on the Bidder's most recent, updated version.

2. The system's servers and work stations will be based on standard, accepted equipment in the commercial/industrial market.

3.0.6 Compliance with Standards (M)

1 All the proposed systems will meet current generally accepted global FP/PP and facial recognition standards (ANSI/NIST-ITL, FRVT and ICAO).

2 The system will meet the most updated standards approved for use by the FBI.

3.1 Main Hardware (M)

3.1.1 The Main System hardware will include all the processing, memory and management components required for the operations of the entire system (servers, matchers, coders, storage, etc.) in a manner that is consistent with the Detailed Specifications of this Tender.

3.1.2 The Bidder will describe all the components of the proposed system, and include schematic figures of the proposed solution, indicating the various components and their operational features.

3.1.3 Requirements of Servers

1 The Bidder will specify the configuration of the servers included in the Bid (listed by application and environment). Server specifications will include:

a) Hardware type – Server manufacture and model, specification of drivers.

b) Server configuration (controllers, slots, etc)

c) CPU – At least 64-bit architecture

d) RAM, at least 8GB

2. Servers with Microsoft OS will have installed Windows R2 2008 server or higher or the latest server version available on the market.

3. Servers with OS other than Microsoft will have installed the latest server version available on the market.

4. List of all additional components included in the tower (backup, communication cards, drivers, etc.)

5. The proposed server array will provide maximum system availability (NLB configuration) under BIG-IP.

6. The proposed hardware will include all the features and operating systems required to operate the system.
7. The required servers will be high-availability servers (dual power supply).
8. The foundation for the entire array of services will be virtual (vmware).

3.2 Main Data Storage (M)

- 3.2.1 The main storage array will support storage of all the data defined in these Specifications, and performance of all procedures within the response times defined in Section 2 above.
- 3.2.2 The Bidder will describe the main storage array in the proposed system, including hardware type, storage volume, and redundancy.
- 3.2.3 The Bidder will attach an explanation of data organization, archiving, and retrieval, from the stage of data capture to retrieval stage by users.

3.3 End-User Equipment (M)

- 3.3.1 All end-user equipment will be of the latest, advanced versions available on the market at system delivery.

3.3.2 Full Work Station

- 1 The station will be used by FP experts and will include all the equipment necessary to perform all the station functions as defined in these Specifications.
- 2 The Bidder will specify the station configuration and all ancillary equipment.
- 3 The station will operate on Windows 7 or a more recent version.
- 4 **The station will include the following equipment, at minimum:**
 - a) A computer installed in a compact desktop case, with computation and memory sufficient to operate AFIS applications.
 - b) TFT monitor with at least:
 - (1) 22" screen
 - (2) High resolution
 - (3) Refresh rate of 5 ms
 - c) English-Hebrew keyboard
 - d) Optical mouse
 - e) DVD burner
 - f) Scanner as described in Section 3.4.4
 - g) Digital camera for FP capture, as described in Section 3.4.7.
 - h) Demographic data barcode reader (1D)
 - i) Optical reader for biometric (FP) authentication of users at login.

3.3.3 Administration Station

- 1 The station will be used by the system administrator to manage, control, and monitor the Main System and all the connected end-user equipment.
- 2 The Bidder will specify the configuration of the Administration Station and all ancillary equipment.
3. The OS will be Windows 7 or a more recent version.
- 4 The station will include the following equipment, at minimum:
 - a) Computer with computation and memory sufficient to operate AFIS applications and system administration applications.

- b) TFT monitor with at least:
 - (1) 22" screen
 - (2) High resolution
 - (3) Refresh rate of 5 ms
- c) English-Hebrew keyboard
- d) Optical mouse
- e) DVD burner
- f) Demographic data barcode reader
- g) Optical reader for biometric (FP) authentication of users at login

3.3.4 **Batch Scanner**

- 1 The station will be used for rapid, two-sided scanning of FP/PP cards (ink-captured)
- 2 The Bidder will specify the configuration of the batch scanner station and all ancillary equipment.
3. The OS will be Windows 7. or a more recent version.
- 4 The station will include the following equipment, at minimum:
 - a) Computer with computation and memory sufficient to operate AFIS applications and scanning applications.
 - b) TFT monitor with at least:
 - (1) 22" screen
 - (2) high resolution
 - (3) Refresh rate of 5 ms
 - c) English-Hebrew keyboard
 - d) Optical mouse
 - e) DVD burner
 - f) Rapid scanner (see Section 3.4.5)
 - g) Demographic data barcode reader
 - h) Optical reader for biometric (FP) authentication of users at login

3.3.5 **Crime Scene Investigation Work Station for Transmission of Electronic Files to AFIS (FP/PP latents, FP forms, reports, etc.) (Remote transmission of crime scene evidence)**

1. The station will be used by various crime scene investigators to transmit electronic files of crime scene information, including latents from various sources obtained in the process of crime scene evidence collection, FP/PP forms of suspects and legal access persons , reports, images, etc. (scans, files, etc.).
2. The Bidder will specify the configuration of the station and all ancillary equipment.
3. The OS will be Windows 7 or newer.
- 4 The station will include the following equipment, at minimum:
 - a) Computer with compact desktop tower, and computation and memory sufficient to operate station applications, and a memory card reader.
 - b) TFT monitor with at least:
 - (1) 22" screen
 - (2) High resolution
 - (3) Refresh rate of 5 ms
 - c) English-Hebrew keyboard
 - d) Optical mouse

- e) DVD burner
- f) A rapid scanner for latents (see Section 3.4.6).
- g) Demographic data barcode reader

3.3.6 **Live-Scan Booking Station (Stationary Electro-Optical Booking Station in Police Stations)**

- 1 The station will be used to acquire plain and rolled fingerprints, palm prints, mug-shots, and perform Fast-ID of suspects.
- 2 The Bidder will specify the configuration of the Live-Scan station and all ancillary equipment.
3. The OS will be Windows 7, or newer.
- 4 The station will include the following equipment, at minimum:
 - a) Computer with compact desktop tower, and computation and memory sufficient to operate booking station applications.
 - b) TFT touch screen with at least (S):
 - (1) 22" screen
 - (2) High resolution
 - (3) Refresh rate of 5 ms
 - c) English-Hebrew keyboard
 - d) Optical mouse
 - e) DVD burner
- 5 Live-Scan scanner will have minimum resolution of 1000dpi.
- 6 The Live-Scan station will include a B/W laser printer as described in See Section 3.4.2.
- 7 The Live-Scan station will be installed in an anti-vandal case, and all system components will be tamper-proof.
- 8 The Live-Scan station will include foot pedals (left and right) which will function as Enter keys.
- 9 The Live-Scan station will include an electronic signature pad.
10. The station will include a UPS that will maintain operability of the station and allow the station to be properly shut down (at least 15 minutes).
11. The station will include, as part of its components, a Check Point UTM-1™ Edge appliances for communications with the main site.
12. The Live-Scan station will include a digital camera which will be used to photograph suspects. The camera will be installed in a tamper\violence-proof case located adjacent to the station, and will include:
 - a) Minimum resolution of 1000 × 700 pixel for facial and profile shots, and 1600 × 800 pixel for full body shots.
 - b) PTZ (pan/tilt/zoom) software-supported capability for optimal image capture.
 - c) Preference will be given to cameras with biometric data capture capability for use with a facial recognition system (S).
 - d) The camera will be supplied with SDK for developing interfaces with the camera.

3.3.7 **Portable Live-Scan Station (M)**

- 1 The station will be used to capture suspects' FP, PP, mug-shots, and perform Fast-ID, and is designed to be installed in dedicated

vehicles, or deployed in the field according to operational requirements.

- 2 The station will include all the components necessary to perform acquisition and photography in the field, using a pedal (ENTER) to confirm acquisition.
- 3 The Live-Scan scanner will have a scanning resolution of at least 1000dpi.
- 4 The station will have the capability to work vis a vis INP applications in performing data retrieval and transmission tasks using API/Services.
- 5 The Bidder will specify the configuration of the portable Live-Scan station and all ancillary equipment.
- 6 The station will be installed in a rugged, easy-to-carry carrying case (with handle and castors) and include all the accessories required for installation in a vehicle.
- 7 The station will be able to withstand the following unique environmental conditions:
 - a) High temperatures (at least 0-50⁰C).
 - b) Humidity
 - c) Travel-related impact and shocks
 - d) Unsterile environments
- 8 The station will be operable on 12VDC and 220VAC.
- 9 The Bidder will also supply cables for connection to a 12V socket.

3.3.8 **Optical Fingerprint Component(Investigator Station)**

- 1 The Sensor/Reader (component) will be used to verify or identify individual's identity.
- 2 The investigator station will be used to capture and transmit FP to the Main System for verification or identification, receive a response (match/no match), save the FP images in the Investigation System, and print FP onto case investigation form .
- 3 The Bidder will describe the proposed sensor/reader.
- 4 The Bidder will specify in the Bid only systems that contain standard API for interface development.
- 5 The proposed sensor/reader will include a standard USB port including driver, which is compatible with Windows XP/Windows 7/Windows 2008 R2SP1 Server, and supports direct communications with the terminal server CITRIX system.
6. The component will be supplied with SDK for development.
7. The sensor/reader will connect to currently existing INP end-user stations (PC) located in police stations.
8. **Scanning/Reading Pad**
 - a) The size of the sensor/reader will be similar to the size of a standard mouse.
 - b) Minimum dimensions of the scanning/fingerprinting area will be 2 cm x 2 cm. Preference will be given to a pad of a larger size.
 - c) Pad resolution will be 500 dpi at minimum.
 - d) Preference will be given to an optical pad that supports acquisition of rolled FP (S).
 - e) Preference will be given to a pad that supports concurrent capture

of more than one finger (S).

3.3.9 **Fast-ID Handset**

- 1 The Handset will be used for verification or identification.
- 2 The Bidder will describe the proposed handset.
- 3 The Handset will be used to perform a search in the local database (WL), and the central database using INP intranet and cellular communications, and will support GSM and UMTS technologies.
- 4 The Handset will include a contact/contactless smartcard reader.
- 5 The Handset will include the most advanced Windows OS available on the market.
- 6 The Handset will have calculation and memory capability sufficient to perform AFIS applications.
7. All handset applications will be controllable by external software such as handset menus, cellular communications, and modem.
8. **Acquisition Pad**
 - a) Minimum dimensions of the scanning/fingerprinting area will be 2 cm x 2 cm. Preference will be given to a pad of a larger size.
 - b) Minimum pad resolution will be 500 dpi.
 - c) Preference will be given to a pad that supports concurrent acquisition of more than one finger (S).
9. The Handset will include a camera with a resolution of 3MP at minimum, to be used to photograph mug-shots.
10. **Handset screen:**
 - a) Color touch screen, minimum 65,000 colors
 - b) Screen lighting that allows work in the dark
 - c) Trans-reflective screen, allows work in direct sunlight
 - d) Screen contrast ratio 1:50 or higher
 - e) Screen resolution 480 × 640 or greater.
 - f) Screen protector
 - g) Screen brightness 70 cd/m² or greater
 - h) Horizontal viewing angle from -35° to +35° or greater
 - i) Water on screen will not set off touch screen
11. **Keyboard**
 - a) The Handset will include a physical or virtual keyboard
 - b) Hebrew and English support is mandatory
 - c) Lighting that supports work in the dark.
 - d) The keyboard will be modifiable according to INP requirements (numeric, alpha-numeric)
 - e) The keyboard will be convenient for use in the field.
12. The Handset will include a flash memory extension card of 2 GB or greater.
13. Flash memory will be easily detachable before Handsets are sent for repairs outside the INP.
14. The Handset will include a standard USB port for connection to various types of media.
15. The Handset will include a GPS (S).
16. The Handset will include an automatic energy-saving mechanism.
17. **Battery**
 - a) The Handset will include a main rechargeable battery that allows

continuous operation of 4–8 hours of operation or more.

b) The Handset and battery will withstand a temperature of 50⁰C for 10 hours or more without any damage caused to the Handset or any component.

c) The Handset will include a separate charger for charging the main battery.

d) The handset will be rechargeable in vehicles.

e) A docking port (stationary recharging dock) will be installed in INP stations and support concurrent recharging of multiple handsets (S).

f) The Handset will include an internal backup battery that will retain data in the event that the main battery is depleted.

g) The battery will display battery charge without hook-up to the Handset (smart battery) (S).

18. Handset weight will not exceed 1.3 kg.

19. Handset will be ruggedized to withstand environmental conditions as follows:

a) Impact-resistant from a height of 1.2 m or more down falls on concrete surface.

b) Moisture- and dust-resistant at a standard of IP54 or higher.

c) Resistant to extreme temperatures of 50⁰C or higher.

20. The Handset will include optional encrypted Bluetooth channel communications with printer (S).

21. The handset will support optional installation of an MS SQL-type database.

22. The Handset will support installation of the latest version available on the market of Check Point Secure Client.

23. The Handset will support biometric (FP) user login.

24. The Handset will constitute an open standard platform and support installation of INP applications not related to FP.

3.3.10 Fast-ID Wireless Component (Bluetooth)

1. Optical scan pad

a) Size of the scan pad will be suitable for acquisition of plain FPs.

b) Scanning resolution will be at least 500 dpi.

2. The component will include a color LCD display.

3. Impermeable to moisture and dust.

4. Bluetooth broadcasting distance - at least 10 meters.

5. The Handset and battery will be able to remain at least 10 hours in an ambient temperature of 50⁰C with no damage to the scanner/reader or any of its components.

6. Handset weight will not exceed 300 grams.

7. Component will be of small dimensions.

3.3.11 Optical Patrol Car Fingerprint Sensor/Reader (S)

1 The Optical Patrol Car Fingerprint Sensor/Reader will be used by police officers in computerized patrol cars to scan and transmit FP to the Main System for verification or identification, and receive a match/no match response.

2 The Bidder will describe the proposed sensor/reader.

3 The Bidder will specify in the Bid only sensor/readers that contain

standard API for interface development.

- 4 The proposed sensor/reader will include a standard USB port including driver, which is compatible with Windows systems and to be connected to the police end user device, and supports direct communications with the terminal server CITRIX system.

5 **Scan pad**

- a) The sensor/reader size will be similar to standard mouse size.
 b) Minimum dimensions of the scanning/fingerprinting area will be 2 cm x 2 cm. Preference will be given to a pad of a larger size.
 c) Minimum pad resolution will be 500 dpi.
 d) Preference will be given to a pad that supports concurrent acquisition of more than one finger.

3.3.12 **Mobile Victim FP Capture Station (S)**

- 1 The INP wishes to receive proposals for a portable station that can be used to capture FPs directly from dead bodies and perform an identification search on local data base and on the main database.
 2 The portable station will include all the components necessary to perform all the actions required to take fingerprints from dead bodies.
 3 The station will include a portable scanner, portable printer, and biometric data reader.
 4 The station will support optional connection to the central AFIS system and other systems by cellular communication.
 5 The station will be portable, for use in performing identification tasks all over the world.
 6 The station will be installed in a convenient carrying case (with handle and castors).
 7 The station will withstand environmental conditions as follows: High temperatures of at least 50⁰C or low temperatures, humidity, travel-related impact and shocks, and unsterile environments.
 8 The station will be operable on 12VDC and 110 VAC/220VAC.

3.3.13 **Smartcard Biometric ID Reader (S)**

- 1 The Smartcard Reader will be installed at Investigator Stations and in the computerized patrol car system, and will be used to verify identification with smartcard (FP) data (Match on Card).
 2 The Bidder will specify the type of proposed reader and mode of use. Preference will be given to contact readers.
 3 The Reader will include a standard USB port including a Windows-compatible driver.

3.3.14. **Mobile Crime Scene FP Photography Component (S)**

1. The component will be used by various crime scene investigators to photograph FPs at the crime scene and transmit them to the Main System by cellular communications, for search in the Database.
 2. The Bidder will propose a mobile crime scene FP Photography component at a resolution of 500 dpi and on a scale of 1:1, or greater.
 3. The component will support photography of FPs at a crime scene with no special lighting.

3.3.15 **System Scope (I)**

The following table is based on estimations only and may be modified according to INP requirements:

No.	Description	Existing qty	Required qty
1	Full Work Station	8	14
2	Administration Station	2	3
3	Batch Scanner	1	1
4	Main Server for Collection and Management of Electronic File Queue	0	1
5	Remote Crime Scene Evidence Transmission Station	0	30
6	Live-Scan Station	22	52
7	Portable Live Scan Station	0	2
8	Optical Fingerprint Sensor/Reader (Investigator Station)	100	2100
9	Fast ID Handset	3	200
10	Wireless Fast-ID Sensor/Reader	0	100
11	Fast-ID Patrol Car Sensor/Reader	0	50
12	Mobile Victim Capture Station	2	20
13	Smartcard Biometric ID Reader	0	350
14	Mobile component for remote transmission of crime scene FP	0	7

3.4 **Peripherals (M)**3.4.1 **FP cards printer for Expert Work Stations**

- 1 A printer will be installed at the central DIFS laboratory and will be used by the Expert Work Stations (Full Work Stations).
- 2 The printer will be a color laser printer and will meet FBI standards for AFIS systems.
- 3 The printer will include an automatic two-sided printing option.

3.4.2 **Live-Scan Booking Station Printer**

- 1 The printer will be installed at each Live-Scan Booking Station.
- 2 The printer will be a B/W laser printer and will meet FBI standards for AFIS systems.
- 3 The printer will include an automatic two-sided printing option.

3.4.3 **Latent Printer**

- 1 A printer will be installed at the Main System Site Work Station for Collection and Management of Crime Scene Investigator Stations Products, in the central DIFS laboratory.
- 2 The printer will meet FBI standards for AFIS systems.
- 3 The printer will be used to print high-quality latent prints on high-quality fade-resistant paper and at a resolution equal or greater than the original.
- 4 The printer will support printing latent prints on a 1:1 scale or greater.

3.4.4 **Scanner for Expert Station**

- 1 A scanner will be installed at all Expert Stations
- 2 The scanner will meet FBI standards for AFIS systems.
- 3 The scanner will have a minimum resolution of 1000 dpi.

3.4.5 **Batch Scanner**

- 1 A Batch Scanner will be installed at the Batch Scan Station in the central DIFS laboratory.
- 2 The Batch Scanner will meet FBI standards for AFIS systems.
- 3 The Batch Scanner will have a minimum resolution of 1000 dpi.
- 4 The Batch Scanner will include an automatic two-sided scanner with a minimum 50-page feeder.
- 5 Scanning speed: 50 pages per hour.
- 6 The scanner will barcode scanning/reading capabilities.

3.4.6 **Latent Scanner**

- 1 A scanner will be installed at all work stations in the field for transmission of electronic files from the crime scene identification units in the field.
- 2 The Latent Scanner will meet FBI standards for AFIS systems.
- 3 The Latent Scanner will have a minimum resolution of 1000 dpi.

3.4.7 **Digital camera for FP image capture**

- 1 A camera will be connected at each Expert Work Station.
- 2 The camera will have a minimum resolution of 10 Mp.
- 3 The camera will support macro capability for FP.

3.4.8 **Scope of Equipment (I)**

The following table is based on estimations only and may be modified according to INP requirements:

Equipment	Station Installed	Qty
FP printer for Expert Station	Full Work Station	4
FP Printer for Live-Scan Booking Station	All Live-Scan stations	52+22
Latent printer	Full workstation	2
Scanner	All Expert Stations	14
Rapid Scanner for FP Form	Batch Scanner work station	1
Latent scanner	Work stations that transmit latents to the Main System	30
Digital FP camera	All Expert Stations	14

3.5 **Consumables (S)**

- 3.5.1 The Bidder will specify the consumables required for the ongoing operation of the proposed system (backup tapes, CDs, toner, etc.).

3.6 **Infrastructure (M)**

- 3.6.1 The proposed system will operate in a regular office, standard environmental with air conditioning.
- 3.6.2 The Bidder will specify all additional environmental conditions required for the optimal operation of the equipment the Bidder supplies.
- 3.6.3 The Bidder will define the electric consumption of the proposed system, including the UPS systems required to maintain the facility in good working order for 15 minutes, including an option for automatic shutdown of the system during a general power outage.
- 3.6.4 The Bidder will include lightening and surge protection for all types of equipment to be installed, including protection for:
- 1 Power sources and electric outlets
 - 2 All additional sensitive interfaces and connections, at the discretion of the Bidder and the INP

- 3.6.5 The system will include a standard rack-mount cabinet appropriate for the specifications of the proposed hardware, with a double-sided lock.
- 3.6.6 The Bidder will propose ergonomic furniture (chairs and desks) suitable for the experts working with the AFIS system (Optional). (S)
- 3.6.7 **Main Site**
- 1 The system will be installed with part at the main INP server farm, and part at the backup site.(I)
 - 2 System servers will be installed at the Main Site. All the systems and infrastructure required for complete ongoing operation and management of the system will be installed at the Main Site. The Bidder will specify the hardware and software required at the Main Site.
 - 3 Distribution of the system between two sites will allow full site-independent system operation at all times.
 - 4 All systems at the Main Site will have a high redundancy rate.
 - 5 The system will have 99.999% survivability and 5 ms downtime per year.
 - 6 The Bidder will specify the configurations required to ensure that these conditions are satisfied.
 - 7 The Bidder will specify the necessary conditions to ensure data security, and will specify the conditions under which data recovery is not possible.
 - 8 The system will support Active/Active configuration; At all the times, the database will be up-to-date on both sites.
- 3.6.8 **DRP – Backup Site**
- 1 The system will include an alternative site that functions as a hot backup site. In the event of a failure of the system or any part thereof, the Main Site system will automatically divert to the backup system without any adverse impact to system performance.
 - 2 The proposed system will provide full backup support for critical hardware components. Failure of any critical component will not terminate system operations.
 - 3 The Bidder will specify the hardware and software required at the backup site.
 - 4 The Bidder will list possible failure conditions, backup measures, and recovery methods in the event of failure of the system or any part thereof (DRP).
 - 5 The backup site will ensure that the INP will not lose any data in the event of collapse of the Main System, and the system will return to normal operations at full capacity within one hour.
 - 6 A Full Work Station will be installed at the backup site, for use during emergencies.
 - 7 An Administration Station will be installed at the backup site, for use during emergencies.
- 3.7 Operating Systems (M)**
- 3.7.1 A WINDOWS 7 or newer OS will be installed in end-user units.
- a) In servers with a Microsoft OS, at least Windows Server 2008 R2 or the latest server version available on the market.
 - b) In servers with a non-Microsoft OS, the latest server version available on

the market.

- 3.7.2 Operating systems installed in all equipment will be of the most recent version and will be delivered as an integral part of the proposed system.

3.8 Development and Maintenance Tools (S)

- 3.8.1 The Bidder will describe all development and maintenance tools supplied with the System.

- 3.8.2 The INP uses Visual Studio and .NET development tools. Preference will be given to Bidders who use these tools to develop and maintain the services specially developed for INP applications.

3.9 Database (M)

- 3.9.1 The Bidder will specify the proposed database structure.

- 3.9.2 The database will be a table-based database of a type commonly used in the IT industry. Preference will be given to an ORACLE-type database.

- 3.9.3 The Bidder undertakes to electronically extract and convert data contained in the existing system databases (based on quantities defined in Table 2.12), including FP, PP, latents (including prints that have been manually analyzed and encoded by INP experts), mug-shots, demographic data, and other documents existing in the system.

- 3.9.4 The data in the existing system are ANSI-NIST.

- 3.9.5 Conversion of data will be performed at an INP site.

- 3.9.6 The database will include IS protection measures against unauthorized access. The Bidder will specify the security mechanisms included in the system for this purpose (S).

3.10 Operating Tools (S)

3.10.1 FP Expert Tools

- 1 The Bidder will describe the range of expert tools included in the system, which are designed to assist the expert in his work.

3.10.2 System Administrator Command and Control Tools (M)

- 1 The Command and Control System will provide complete command and control functionality from the INP Main Site and from supervision sites to be defined by the INP.
- 2 The Command and Control System will include command and control tools for hardware components, as well as for communication networks and application systems.
- 3 The Command and Control System will support transmission of a report of (predefined) malfunctions in the communication network, hardware, and applications.
- 4 The Command and Control System report will be in the form of a screen alert and text message/beeper message, or through any other means defined by the INP in collaboration with the Winning Bidder (S).
- 5 The Bidder will specify the proposed Command and Control System and its components, and the components of the proposed system to which they apply.
- 6 The Command and Control System will interface with the main INP command and control system (CA Unicenter /SCOM type).
- 7 The proposed Command and Control system will monitor and track the Live Scan work stations installed at INP sites.

- 3.10.3 Test and Training Environment

1. The system will include a work station that will be continuously used for users training on maintenance tasks and for checking patches before their installation on the operational system.
2. The Bidder will describe this station and its contents in detail.

3.11 N/A

3.12 N/A

3.13 N/A

3.14 Local Network Communications

3.14.1 The AFIS network is part of the INP communication network, yet is installed on a separate segment. The Bidder will define which network components are required to connect the proposed system.

3.14.2 The Bidder will specify all items of equipment of the Proposed Solution that are required to be installed on the local network.

3.14.3 The local network is the INP "TALI" network, based mainly on up-to-date equipment manufactured by Cisco.

3.15 Wide Area Network (I)

3.15.1 The WAN network is under the responsibility of the INP, and the AFIS system may receive services on this network.

3.15.2 Inter-Site Network (S)

1 Inter-site communications are based on WAN (I).

2 The Bidder will specify the configuration for data transfer between various system end-user units (booking stations, handsets, etc) and the incremental load imposed on the INP WAN.

3.15.3 Protocols (S)

1 The Bidder will specify the protocols used in the proposed system, and the bandwidth required in the various proposed configurations.

3.16 Public Networks (I)

No use will be made of any public network!

4 Implementation (S)**4.0 General – Highlights (M)**

- 4.0.1 This section of this document includes a description of the manner in which the Winning Vendor is required to execute the project. (I)
- 4.0.2 The Winning Vendor is responsible for executing the work through the project team and the subcontractors' teams working on his behalf. The Winning Vendor is required to set up the system according to all the required specifications and schedules specified in this document.
- 4.0.3 Project execution includes all system elements including equipment, software systems, design, management, installations, integration, activation, training, documentation, assimilation, maintenance, and warranty services.
- 4.0.4 All the equipment will be new A-grade equipment in original packaging, representing the latest updated engineering version, and which was not previously in use in any other system
- 4.0.5 The Proposed Solution must be based on the most recent software package versions that have undergone all fields tests, integrated with compatible hardware, in a manner that ensures orderly operations of the total system.
- 4.0.6 The Winning Vendor undertakes to supply new versions of the system's software on a regular basis to ensure that the system meets the terms defined in the Contract.

4.1 Involved Parties (S)**4.1.1 Management**

1. The project involves the following INP representatives (I):

Name	Position	Area/ responsibility	Department
Brigadier General Avi Domb	Head of DIFS		DIFS\MAZAP
Brigadier General Shay Kuperman	Head of Technologies Administration		Technologies Administration (MANAT)
Commander Amos Be'er	Head of Computer Applications Development Department	Technology Director	MANAT / Applications Development
Chief Superintendent David Attias	Head of the FP Identification and Comparison Laboratory	Professional Director	DIFS\MAZAP
Superintendent Dalia Levy	Project Manager	AFIS Tender Administrator Preparation and Management	MANAT / Applications Development
Chief Superintendent (Ret) Iancu Mark	Professional consultant	Professional consultant on the AFIS tender	DIFS\MAZAP
Carmit Beckler	Investigation IT Section Director	Interfaces and integration to INP systems	MANAT / Applications Development
Asaf Ofir	Infrastructure Section Director	Infrastructure	MANAT / Infrastructure Development
Superintendent Shachar Menashe	Head of Tender Team	Economic implications	Purchasing Department
Superintendent Avner Hershkopf	Legal Counsel	Legal implications	Legal counsel

- 2 **The following parties will be involved in the project on behalf of the Vendor:**
- a) The Bidder will specify the manpower required executing the project and the manpower required for ongoing operations, listed by function.
 - b) All the individuals working on the project on behalf of the Vendor or the Sub-contractors must be authorized by all relevant manufacturers to handle the proposed systems.
 - c) The INP may disqualify and request substitution of any worker of the Bidder or Sub-contractor, without any need to provide reasoning for the disqualification. The Bidder undertakes to replace said individual within 10 days of receiving of such request (M).
 - d) Dismissal of any employee of the Winning Vendor or any Sub-contractor by the Winning Vendor will be subject to advance approval of and coordination with the INP (M).
 - e) The Bidder will provide details of the individuals involved in the project on the Bidder's behalf, in the following table:

First Name and Surname	Job Description	ID/ Passport No.

Note: All individuals involved in the project will undergo a security clearance check.

f) Single Point of Contact – Senior representative as contact person

- (1) The Winning Vendor will nominate and place at the disposal of the INP a single contact person who will work vis a vis the INP (M).
- (2) The contact person will be a senior executive of the Winning Vendor, and will accompany the project throughout the Contract Term. Any substitution of the contact person is subject to advance approval of the INP in writing.
- (3) The Winning Vendor will attach a CV and list of references for the contact person.

4.1.2 Professional Teams (M)

1 Project Manager (Winning Vendor)

- a) The Project Manager (on behalf of the Winning Vendor) is the individual directly responsible for the execution of the project in practice.
- b) The Project Manager (on behalf of the Winning Vendor) will report on a daily basis to the INP Project Director, or any individual nominated thereby, and will act pursuant to his authority and/or ongoing instructions/agreements.
- c) The Project Manager (on behalf of the Winning Vendor) will have at least five years of experience in AFIS system project management. The Winning Vendor will list the name, CV and

professional experience of the proposed project manager, including details of his professional experience. The INP may interview the proposed Project Manager (on behalf of the Winning Vendor) or obtain the opinions of references, and may in the refuse to approve the proposed Project Manager or demand termination of his work in the course of project execution.

d) Among other roles, the Project Manager (on behalf of the Winning Vendor) will:

- (1) Function as the Winning Vendor's contact person for the INP and work closely with the INP on an ongoing basis.
- (2) Schedule the development tasks that are the Winning Vendor's responsibility; In other words, he will provide professional guidance through the development team leaders, and determine work plans and schedules based on agreed upon priorities.
- (3) Closely supervise the progress and quality of the work.
- (4) Issue warning, as early as possible, of any anticipated problems or non-compliance with agreed schedules or scope, etc.
- (5) Submit a monthly written report to the Project Administration, on all the issues noted above.

2 Installation Team Manager

a) The Winning Vendor will nominate an Installation Team Manager, who will be responsible for coordinating installation at INP sites, and who will be in charge of coordinating installations with the INP.

3 Security Officer

a) The INP will nominate a Security Officer in charge of security issues related to the project. The Winning Vendor will nominate a corresponding security officer on his own behalf. The two security officers will jointly coordinate all the actions designed to protect and secure information, data, and facilities. There is no need to allocate individuals in a full-time position to this function, provided that no aspect of security is compromised.

b) The Winning Vendor is required to follow the instructions of the INP Security Officer on the following issues, among others:

- (1) Facility and information security
- (2) Approval/disqualification of employees and Sub-contractors

4.1.3 Technical Assistance

- 1 The Winning Vendor will provide all the knowledge and technical assistance required for the success of the project.
- 2 The Winning Vendor will provide technical assistance to INP developers working on the system API. The Winning Vendor will place at the disposal of the project technical resources to work with IT professionals in developing the procedures specified in Chapter 2.

4.1.4 Sub-contractors (S)

- 1 The Winning Vendor may execute part of the required services through Sub-contractors who have expertise that the Winning Vendor lacks. The Winning Vendor will specify the services that will be rendered by Sub-contractors. Bidders should seek to involve

- a minimum number of Sub-contractors in the project.
- 2 The Winning Vendor will provide CVs and references for Sub-contractors in key positions.

4.2 Work Plan (M)

4.2.1 Development Methodology

- 1 The proposed system will be an off-the-shelf product, customized to the needs and requirements of the INP as defined in the System Specifications.

4.2.2 General Work Plan

1. The work plan required for the execution of the project is described below.
2. The Winning Vendor will describe how he plans to meet the schedule set forth in the Work Plan.
3. **Milestones**

Description	Duration (in weeks)	Responsibility
1. Notice of Tender Award (Winning Vendor)	_____	INP
2. Winning Vendor signs Contract Documents	1 week from receipt of award notification	INP & Vendor
3. Budgetary approval; authorized INP signatories sign Contract and issue Purchase Order.	2 weeks from receipt of contract documents signed by the Supplier	INP
4. Project Specifications and SOW+ INP issues approval of execution	8 weeks from award notification date	INP & Vendor
5. RO issued	RO	INP
6. Design and set up of a system in the factory	RO+ 18 weeks	Vendor
7. Main data migration	RO+ 18 weeks	Vendor
8. Development of interfaces to INP systems	RO+ 22 weeks	INP (MANAT) & Vendor
9. Site preparation – preparation of infrastructure at the main site and backup site according to Vendor’s specifications.	RO+ 8 weeks	INP (MANAT)
10. Site preparation – Preparation of infrastructure at sites connected to the Main System (booking stations, latent scanning stations), according to Vendor’s specifications.	RO+ 8 weeks	INP (MANAT)
11. FAT – Acceptance testing at Vendor’s site	2 weeks	INP & Vendor
12. Delivery of equipment to the INP	3 weeks	Vendor
13. Technical training for System Administrators	2 weeks	Vendor
14. Installation of Main System including work stations (Expert Stations, etc.)	3 weeks	Vendor
15. Installation of main end units (booking stations and latent scanning) at new sites	6 weeks	Vendor
16. Installation of stationary and portable end equipment (pilot) at field units (investigator stations,	6 weeks	Vendor

patrol cars, handsets)		
17. Data migration – deltas Stage I	1 weeks	Vendor
18. SAT – Acceptance testing on INP site (including benchmarking and interface testing)	3 weeks	INP & Vendor
19. Main System user training	2 weeks	Vendor
20. Trainers' training on end-user equipment (booking stations and latent scanning)	1 week	Vendor
21. Trainers' training on portable and stationary end equipment (investigator station, handsets, patrol cars)	1 week	Vendor
22. Activation on INP site concurrent with existing system	8 weeks	Vendor
23. Installation of Booking Stations at existing sites	4 weeks	Vendor
24. Data migration – deltas Stage II	1 week	Vendor
25. Operational activation of the system	1 day	Vendor & INP
26. Assimilation and accompaniment by Vendor at INP sites	10 weeks	Vendor
27. Deployment of portable and stationary end equipment in field units (investigator stations, patrol cars, handsets)	10 weeks	INP (MANAT
28. Training for end users, assimilation and accompaniment by Vendor at INP sites	10 weeks	INP (MANAT and DFIS)

4.2.3 Detailed Work Plan

- 1 The general schedule, up to the operational activation of the system, specifies the latest permitted dates. The Vendor may propose a shorter schedule. In no case will the accompaniment and assimilation period be less than 10 weeks.(S)
- 2 The Winning Vendor will attach to his Bid a detailed list of all the stages of system delivery and installation at INP sites.
- 3 The schedule will include all the primary and secondary activities required to execute the project, including activities concerning the specification of work plans, development, testing, data migration, delivery of equipment, installation, training, accompaniment, and assimilation, and all other activities required, even if not specified explicitly in the Tender Documents.

4.3 NA

4.4 Ongoing Operations (M)

- 4.4.1 The Winning Vendor will have overall responsibility to maintain the ongoing operation of the system in full and proper working order.
- 4.4.2 Notwithstanding Section 4.4.1 above, ongoing system operations and problem resolution up to the level of the System Administrator will be performed by the INP operations team.
- 4.4.3 The Winning Vendor will render ongoing support to the INP operations team throughout the Contract Term, to ensure that the system is maintained in full and proper working order.

4.4.4 In any case, the Winning Vendor is liable for system maintenance.

4.5 N/A

4.6 **Warranty, Service, Maintenance (M)**

4.6.1 **Responsibilities of the Vendor**

- 1 The system will include a full 3-year warranty, in effect from operational activation, in respect of each and every component of the proposed system.
- 2 The warranty period of the Main System and all its components will be in effect from operational activation, subject to INP approval of the operational activation.
- 3 The warranty period of components that are added to the Main System after operational activation will be in effect from the date of their activation.
- 4 The warranty period of other system components whose installation is the Winning Vendor's responsibility will be in effect from the date of their operational activation.
- 5 The warranty period of other system components whose installation is the INP's responsibility will be in effect upon their receipt by INP, and in no case will the warranty period begin before operational activation of the system
- 6 If the Bidder commissions maintenance services from a local company, the local company must satisfy the Service and Maintenance Terms specified in this section.

4.6.2 **The Services**

- 1 The Winning Vendor undertakes to render maintenance services for all proposed equipment components for a period of at least seven years, in effect from the end of the warranty period. The INP, however, is not obligated to purchase such services.
- 2 The Winning Vendor undertakes to provide a professional resolution to all issues and/or problems and/or malfunctions and/or demands relating to equipment operation, through the team that it will place at the disposal of the INP, or through experts or external consultants from Israel or abroad, as far as necessary and subject to INP approval.
- 3 The Winning Vendor will furnish to competent INP authorities any and all written and oral documentation and explanations required to enable the INP to independently operate, maintain, and understand the operation of the equipment. The Winning Vendor is responsible for ensuring that documentation of the system components is furnished to the INP and updated regularly.

4.6.3 **Malfunctions - Definition of Terms**

For the purpose of rendering services, malfunctions will be classified as follows:

- 1 **Critical Malfunction**
 - a) An event in which a large proportion of ordinary users are unable to work with the system.
 - b) A malfunction that causes the entire system or a key system function (such as all Expert Stations, or one or more Matcher components) to become inoperable,

2. **Ordinary Malfunction**
 - a) Any malfunction that is not a Critical Malfunction
 - b) Designation of malfunctions will be determined by an authorized INP support representative.
- 4.6.4 **Service Level Agreement (SLA)**
- 1 Response time to telephone calls to the Helpdesk will not exceed 10 minutes.
 - 2 **Critical Malfunctions**
 - a) In the event of a Critical Malfunction, the Winning Vendor undertakes to initiate resolution of the malfunction **within 2 hours** from receipt of notice of the malfunction by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution **within 24 hours** from the receipt of the same on any day, including Saturdays and holidays.
 - b) In the event of a Critical Malfunction in hardware, the malfunction will be repaired or alternative components will be located **within 24 hours**.
 - 3 **Ordinary Malfunctions**
 - a) In the event of an Ordinary Malfunction, the Winning Vendor undertakes to initiate treatment of the malfunction **within 5 hours** after notice of the malfunction is received by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution **within 3 business days** from the receipt of the same, excluding Saturdays and holidays.
 4. **Malfunction of Key End-User Equipment**
 - a) Booking Stations and **Crime Scene Latent Collection Station**
 - (1) The Winning Vendor will resolve the malfunction and the Winning Vendor's representative will resolve the malfunction at the installation site, if necessary.
 - (2)) The Winning Vendor undertakes to initiate treatment of the malfunction within 24 hours after notice of the malfunction is received by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution **within five business days** from the receipt of the same.
 - (3) The Winning Vendor undertakes to perform periodic preventive maintenance services on end-user equipment.
 - 5 **End-user stations – Investigator Stations, Handsets, and Patrol Cars**
 - a) The Winning Vendor's Helpdesk will provide an initial response to resolve the issue by telephone.
 - b) The Winning Vendor will store replacements equipment on INP sites to replace any malfunctioning equipment.

6 **SLA Summary**

SUBJECT	Initiation of resolution - Time from receipt of notice by Helpdesk	Temporary and Final Resolution - Time from receipt of notice by Helpdesk
Response time to telephone call to Helpdesk	10 minutes	
Critical Malfunction	2 hrs	24 hrs
Ordinary Malfunction	5 hrs	3 business days
Malfunction in Key End-User Equipment	24 hrs	5 business days
Malfunction in End-User Units (Patrol Cars, various Handsets, Investigator Stations)	24 hrs	Replacement of equipment

4.6.5 **Helpdesk (Call Center)**

- 1 The AFIS system is defined as a strategic system that provides essential services throughout the day and night, all year. Consequently, services must ensure the operational performance of the system all year round.
- 2 The Winning Vendor undertakes to establish a Helpdesk to respond to INP services calls, and to identify and resolve hardware and software malfunctions, and provide support to users.
- 3 Helpdesk languages – English or Hebrew
- 4 The Winning Vendor will, through the Helpdesk, provide a preliminary solution for the malfunction and/or immediately involve an expert on behalf of the Vendor to provide a solution. The Helpdesk will operate all year, during all hours of the day (365 x 24).
- 5 For Critical Malfunctions only, the Winning Vendor will resolve malfunctions using remote system access on an ADSL link or other, according to INP specifications, subject to INP security policy and approval of the INP Security Unit.
- 6 The Winning Vendor will maintain an automated log of notices of malfunctions and service calls. Each call will be allocated a clear identification number as it is received, and this identification number will be used along the entire resolution process. The log will contain the following details, at minimum: details of the notice, identification of the person making notice, a brief description of the malfunction; details of the actions taken to resolve the malfunction, including the identity of the performing party; details of the INP party approving execution.
- 7 The Winning Vendor will immediately transmit a report to the INP (to be designated) on every notice of a malfunction received
- 8 The Winning Vendor will transmit weekly and monthly reports to the INP, summarizing responses to malfunctions.

4.6.6 Maintenance of the Application (M)

- 1 The Winning Vendor undertakes to update the system's software versions regularly, according to manufacturers' new releases and upgrades, and to adapt each version to the system customized to INP needs.
- 2 The most recent version of any software package will be installed no later than one month after the release of the version by the Winning Vendor.
- 3 The updated version of the software will be installed and tested in a test environment before installation in the operational system.
- 4 The Winning Vendor undertakes to update and upgrade the hardware and software as required by each software update.

4.6.7 Maintenance of Infrastructure and Technology (M)

- 1 In the Warranty Period, and in subsequent the Maintenance Period, the Winning Vendor undertakes to repair and immediately replace any defective component.
- 2 The Winning Vendor will maintain an inventory of current spare parts of all hardware elements in the system, at quantities that are sufficient to ensure ongoing operations based in the malfunction rate and MTBF known to the system manufacturer.
- 3 The spare parts maintained in the Winning Vendor's inventory will be identical in quality and specification to existing equipment.
- 4 The Winning Vendor undertakes to provide efficient and professional support and maintenance services over the Warranty Period and the Maintenance Period, as follows;
 - a) To resolve all malfunctions or issue related to the operational and technical performance of the system.
 - b) To repair software bugs by repairing and/or providing indirect temporary solutions (work-around) until a perfect resolution is achieved.
 - c) To update releases, deliver new releases of off-the-shelf products, and make the necessary changes in applications and documents as a result of said updates.
 - d) To update the documentation, including training manuals and correction of errata.
 - e) No driver/media/ memory component that is discovered to be faulty during a regular service examination will be removed from INP sites.
5. **Periodic Maintenance (preventive maintenance)**
 - a) The Winning Vendor will perform periodic maintenance services at least once every two weeks to check the various systems, perform calibration, and identify and prevent malfunctions, failures, etc.
 - b) The Winning Vendor will perform periodic maintenance services to main end-user equipment (booking stations, **Crime Scene Latent Collection Station** at least once every six months to check the systems and identify and prevent malfunctions, perform calibration, etc.
 - c) Preventive maintenance for all components used for Fast-ID will be performed by the INP according to the Supplier's instructions.

4.7 Deployment and Integration (M)**4.7.1 Training and Assimilation**

- 1 The Winning Vendor, in coordination with the INP, is responsible for conducting training and assimilation of the proposed system for a number of users to be determined jointly with the INP.
- 2 System assimilation is designed to teach and instill work procedures to AFIS system users.
- 3 Assimilation in end-user units (booking stations Crime Scene Latent Collection Station, handsets, patrol cars, and investigator stations) will be the responsibility of INP trainers certified by the Vendor.
4. The Winning Vendor will conduct a training course for INP trainers on work procedures at all stations including investigator stations, patrol cars, handsets, and portable and stationary live-scan stations.
- 5 Assimilation will begin after the Winning Vendor completes a concentrated training course, in coordination with the INP.
- 6 After all users have participated in training, the Winning is required to closely accompany users in the initial steps of system use, to complete training on an individual basis, and resolve issues that arise. Assimilation will proceed by function and will be customized to various job groups.
- 7 The Winning Vendor will prepare and obtain INP's approval for a plan for quality sampling, to test the success of the assimilation.

4.7.2 Training

- 1 The Winning Vendor will train INP officers designated to use the AFIS system.
- 2 The Winning Vendor will conduct training in English or Hebrew.
- 3 Training will include different combinations of course materials at different levels for different job holders, such as administrators and technicians.
- 4 Training programs of all types are subject to INP approval and will be conducted in coordination with INP authorities.
- 5 Training manuals for all training programs will include lesson plans in PowerPoint format, practice work, and qualification tests. Training materials will also be delivered to the INP on digital media and will be used for future training sessions.
- 6 Together with the system, the Winning Vendor will deliver a User Manual that will assist users in operating the system. The Manual will also be furnished on digital media which may be used for independent learning.
- 7 The Winning Vendor will place professional and experienced trainers at the INP's disposal.
- 8 The Winning Vendor will specify the manner in which he intends to perform each of the above training tasks.
- 9 **Technical Training for Administrators**
 - a) The Winning Vendor undertakes to train 4-6 police officers at the Winning Vendor's site, as part of project execution.
 - b) The trainees will be trained and will acquire a broad understanding of the system and its principles; they will be introduced to the menus, learn to operate the functions, software

tools and administration tools; learn to resolve technical issues; data retrieval and analysis; report generation, system shutdown, and other system operations (i.e. system console operation, diagnostic routines, backup and recovery functions), etc.

c) Length of training – at least 10 business days.

10 **Training for Key System Users (Experts)**

a) The Winning Vendor undertakes to train 20 latent and tenprint users.

b) Training will be performed in rounds of up to 10 users, at an INP site.

c) Training will cover at least the following topics:

- (1) Acquisition of new tenprints
 - (2) Import and export of NIST files
 - (3) Capture of crime scene latents (LP+LT)
 - (4) Treatment of electronic files and the elimination process
 - (5) Minutiae placement
 - (6) Quality control
 - (7) Tenprint search and verification
 - (8) Latent search/verification
 - (9) Use of filters
 - (10) Use of enhancement tools
 - (11) Operating charting software
- d) Length of training – at least five days

11 **Advanced training – Tenprint/Latent Supervisors**

a) The Winning Vendor undertakes to train five police officers at an INP site.

b) Trainees will learn and acquire a broad understanding of the system and its principles including menus, features, record updating, record deleting, report generation, etc.

c) Length of course – at least three days.

12 **Training for Trainers**

The Winning Vendor undertakes to train trainers for the following end-user units:

a) **Live-Scan and Crime Scene Latent Collection Station**

(1) The Vendor will train and certify 15 INP officers who will function as trainers.

(2) Training will include at least the following topics:

- (a) Operating a booking station using all acquisition methods
- (b) Photographing mug-shots of enrollees
- (c) User management
- (d) Report generation
- (e) Backups
- (f) Printing
- (g) Operating Crime Scene Latent Collection Station
- (h) Troubleshooting

(3) Length of training – at least 5 days.

b) **Investigator Stations**

(1) The Winning Vendor will train and certify 20 INP officers as

trainers.

(2) Training will include at least the following topics:

- (a) Operating the application for capturing single digits at the Investigator Station
- (b) Receiving responses to queries from the Main System

(3) Length of training - at least two business days.

c) Various handsets and patrol cars

(1) The Winning Vendor will train and certify 20 INP officers as trainers.

(2) Training will include at least the following topics:

- (a) Operating the handset
- (b) Operating the application for capturing single digits
- (c) Receiving responses to queries from the Main System

(3) Length of training - at least two business days.

4.7.3 **Documentation (M)**

1 **The documentation supplied with the system will include:**

- a) A general description of the system and all system components.
- b) A diagram/drawing of the system structure and system deployment on each site, including IP address of each component
- c) DRP – Disaster Recovery Plan
- d) ATP – Acceptance Test Plan
- e) System Backup Plan
- f) Data Migration Plan
- g) Training Plan
- h) Training lessons and presentations
- i) Complete User Manual in Hebrew or English, including summary operation manual in Hebrew, one copy for each Main System user.
- j) Operating Manual for Administration Station operators, in English.
- k) Complete User Manual and summary operation manual in Hebrew, for each user station of the end-user units (booking stations, Crime Scene Latent Collection Station, investigator stations, handsets, and patrol cars).
- l) Technical specification in English of all the expose API /services including precise operating instructions.
- m) All the services specified in Section 4.7 are included in the price of the system, and no additional payment shall be made in respect thereof.

4.7.4 **Migration (M)**

- 1 The Winning Vendor is responsible for performing **electronic migration** of all existing data in the current AFIS system.
- 2 In the bid, the Bidder will describe and specify the proposed migration process, including a detailed schedule for migration, a risk management program, and a description of the quality tests (Data Migration Plan).
- 3 Migration will be performed on an INP site.
- 4 The Receiving responses to queries from the Main System Vendor

will use all means required to ensure complete and faultless migration of the data in the existing system, including fingerprint and palm print coding data and operator manual coding, to the proposed system.

- 5 Migration will include at least the following databases:

	Database	Data	Qty	Current resolution	Compression
1	Roller tenprints	TP	900,000	500dpi	WSQ
2	Palm prints	PP	400,000	500dpi	WSQ
3	Plain tenprints	STP	250,000	500dpi	WSQ
4	Unsolved latent fingerprints	UL	140,000	500dpi	TIFF
	Unsolved latent palm prints	UP	80,000	500dpi	TIFF
5	Mug-shots	--	80,000		

- 6 The Bidder will address the following issues in his Bid:
- Migration of fingerprint/palm print coding data including manual operator coding.
 - Concurrent operation of the existing system during data conversion.
 - Graduated migration plan including system downtime.
 - Meta-data migration
- 7 Upon completion of data migration, the Winning Vendor will perform a complete consistency test on all the data, including redundancy testing, and will verify and confirm that all data in tables and coding were successfully migrated.
- 8 The Winning Vendor will provide detailed progress reports on data migration and its results.
- 9 The Winning Vendor will provide tools to test consistency compatibility between various system databases.

4.8 Robustness and Reliability (M)

4.8.1 Test Plan

- 1 In general, the following series of tests will be conducted:
- FAT – to be conducted by the Winning Vendor at the Vendor’s site, in the presence and under the supervision of INP representatives.
 - SAT - to be conducted by the Winning Vendor at an INP site, in the presence and under the supervision of INP representatives.
 - Functional testing, including benchmarking, by INP at INP site
- 2 The Winning Vendor will specify all the tests and scenarios included in the ATP to be presented to the INP.
- 3 The INP will examine and approve the ATP.
- 4 The INP may add additional tests to the ATP at its discretion.
- 5 The ATP will specify the approach used to verify all the

requirements in the Specifications Document.

- 6 The ATP will define the means and methods used to perform SAT tests, without any adverse impact on ongoing system operations.
- 7 Completion of ATP is subject to INP approval. In the absence of AT approval, the INP may operate the system while work is performed to complete the system.
- 8 Operating the system without final approval does not constitute approval that the system was completed.
- 9 ATP will be documented in test reports that will include the following data, for each test:
 - a) Test environment (complete description of the system including the database)
 - b) Date and time
 - c) Test administrator
 - d) Procedure (including data entered into the system)
 - e) Actual vs. predicted results
 - f) Analysis of results

4.8.2 **Concurrent operation of existing system and proposed system**

- 1 After conducting acceptance tests, the system will be activated by the INP concurrently with the existing system.
- 2 In this period, the entire system will be activated using real-life scenarios; System faults will be monitored.
- 3 All system faults will be recorded and resolved, according to severity and impact on system operations.
- 4 The Concurrent Operation Period will continue for three months.

4.8.3 **Availability and survivability**

- 1 Due to the strategic significance of the system for INP's ongoing operations, the system is required to meet particularly high standards of reliability and rapid fault recovery.
- 2 The Winning Vendor will specify the mechanisms incorporated in the system to ensure reliability and to optimize faulty recovery capabilities.
- 3 The system is required to meet all requirements relating to backups, data and system recovery as specified in Chapter 3 (Technology), and specifically to prevent any situation in which a single fault in a component causes the failure of the entire system or major parts thereof.

5 Cost (M)**5.0 General**

- 5.0.1 This Chapter includes a list of the components of the Bid cost for executing the project.
- 5.0.2 The Bid will include all the components required for the complete operation of the Proposed System, even if any such component is not mentioned in the INP's RFP. If it emerges in the course of the system execution that such or other component is necessary, or if some additional integration work is necessary, all such work and components will be performed by the Bidder at no extra cost to the INP.
- 5.0.3 The Bidder will confirm that the entire scope of work he proposes is included in his Bid and is priced accordingly.
- 5.0.4 Bids shall be submitted in a dynamic online tender procedure involving the bidders who qualify for this stage (after their proposed systems have passed the qualitative tests and benchmarking).
- 5.0.5 **Due to the technical limitations of the dynamic online tender procedure, bids should be submitted in Israeli currency (New Israeli Shekels) only.**
- 5.0.6 Each bid includes two sections:
1. The cost of the Main System and additional system components, including system maintenance for a period of seven years beyond the warranty period. This bid shall be submitted in the dynamic online tender procedure.
 2. The cost of optional elements, listed in Section 5.2.3 of the Tender, whose costs will not be weighted together with the remaining bid components. The cost for these items should be submitted together with the technical bid, no later than the Final Submission Date for Technical Bids.
- 5.0.7 **In the dynamic online tender procedure, Bidders must submit a bid for each component listed in the Bid Form. This Form includes items 1 through 17 in the table in Section 5.2 of this Tender. Incomplete Bids (Bids that do not contain quotes for all the listed components) will be disqualified.**

5.1 Summary of Costs – Highlights

5.1.1 Maximum Price

1. Maximum Price: The sum of **40,000,000 NIS (not including VAT)** has been determined as the maximum bid for the Main System and its additional accessories and components, including system maintenance for a period of seven additional years, beyond the warranty period (items 1 through 17 in the Bid Form).
2. It is clarified that the total cost of all the items listed in the Bid Form, 1 through 17, cannot exceed this amount.

Bids that exceed the maximum bid will be disqualified!

5.1.2 Bidders shall submit their Bids in a dynamic tender procedure conducted on the Internet, as described in Section 6.5 to this Tender. Prices for the System components that are quoted in the Bid include a full 3-year warranty on all system components, and all direct and indirect costs stemming from the delivery, installation, and integration of all System components, up to the date on which the system is declared to be operational, including all required taxes and fees required (import tax, customs, purchase tax, etc.; **excluding VAT**), including shipment, storage and customs release costs, transportation and storage costs in Israel, and all costs relating to labor, installations, equipment, materials, guarantees, and insurance of all kinds, travel expenses, work hours, licenses, training, etc. **No additional payment will be made unless stated explicitly otherwise in the Tender documents.**

5.1.3 It is clarified that the scope of the commissioned system, including all its accessories, together with peripheral equipment and services ordered in practice, will be according to INP needs and budgetary resources.

5.1.4 It is clarified that the estimated quantities for purchase that appear in the Tender documents are for the purpose of the Bids only, and such quantities do not constitute any obligation on part of the INP to place orders of such or any quantity of services/goods.

5.1.5 It is brought to the Bidders' attention that the INP intends, but is not obligated, to purchase smartcard readers (for biometric identification) in the future, subject to customization of existing INP computer systems to work with such readers.

5.1.6 Throughout the Contract Term, the INP may extend the list of services and goods to be delivered according to this Tender, which are directly related to and complement this Tender. The price for the additional services/goods will be determined exclusively by tender and/or negotiations between the parties, and in any case the total additional consideration will not exceed 20% of the Contract value.

5.1.7 Entering into a Contract according to this Tender is subject to the INP's available funding and/or budgetary resources. It is agreed that the Winning Bidder will have no claims against any party in respect of any failure to execute the Contract, in part or in entirety, as a result of funding and/or budgetary limitations.

5.1.8 The INP reserves the right to purchase any quantity of the components at the Bid price. The Vendor shall have no claim in respect of the scope of purchases of said components.

- 5.1.9 The INP reserves its right to purchase servers independently, through other than the Winning Bidder, based on recommended specifications provided by the Winning Bidder.
- 5.1.10 Prices stated by the Bidder are final, and no payment shall be demanded beyond said prices. All components included in the Proposed Solution will be considered to be included in the Bid Price and in the Bidder's obligations to meet the terms and conditions of the Specifications and the Tender.
- 5.1.11 **Linkage**
1. Prices stated in the Bid for the system and its components and maintenance, shall remain in effect throughout the entire Contract period, and will be final and fixed for the first two years of the Contract (and will not be linked to the CPI, according to the Linkage Appendix). Thereafter, the prices of the components will be lower than the price stated in the bids, and will be determined by negotiation with the Winning Bidder.
 2. The price of new models of the same components will not exceed the prices in the Bid including linkage, based on the Linkage Appendix 5.1.13 attached hereto.

5.2 Pricelist

5.2.1 Bid for the delivery and installation of the Main System

1. In the designated table, the Bidder will enter his Bid price for the Main System appearing in Item 1 of the Table in the Dynamic Online Tender procedure, and for all the additional remaining components listed in the table. The Bid Prices will include all the Bidder's costs relating to the delivery and installation of the System and a full 3-year warranty from the date the system is declared operational (as required in Section 4.6).
2. The Bidder will attach as an appendix to his Technical Bid (to be submitted no later than the Final Date for Submission of Bids) an itemized list of all the components that comprise the Main AFIS System (Item 1 in the Bid Form) and that are included in his Bid Price. The Bid Price shall include the cost of System software and licenses and data conversation. Information should include the component name, model, manufacturer's catalogue number, and quantity.
3. In the appendix submitted with the Technical Bid, the Bidder shall state the relative share of the cost each component of the Main System in the total cost. The sum total of all costs listed in this appendix shall correspond to 100% of the total System cost (Lines 1 and 2 in the table in Section 5.2.3).
4. At the Technical Bid submission stage including itemization of the proposed system, no prices shall be proposed for System components. The effective bids for the System components shall be determined at the conclusion of the Dynamic Online Tender procedure.
5. **Special Peripheral Equipment:** The cost of the Main System components specified in the attached table will also include the cost of the peripheral equipment specified in Section 3.4 of the Tender, as required for these components.
6. **Data Migration:** As an integral part of the delivery and installation of the Main System, the Winning Bidder will be required to transfer and

convert (migrate) all the records in the INP's existing AFIS system to the new system supplied by the Winning Bidder. The cost of data migration will be included in the cost of delivery of the "Main System", as specified in Item 1 in the table.

7. **Upgrading Existing Booking Stations:** The INP currently has 22 Electronic Booking Stations. The INP wishes to continue using of these booking stations, provided that they work at a resolution of 500 dpi, and provided this option makes maximum use of existing hardware. In the dynamic online tender procedure, the Bidder will specify a bid price for upgrading the existing stations to the standard required of the new systems.

5.2.2 **Cost of service and maintenance for the Main System and additional System components to be purchased after the conclusion of the warranty period (Item 17 in the Bid Form)**

1. The INP wishes to receive bids for maintaining the Main System and all the additional components purchased under this Tender, for an additional period of 7 years after the warranty period, which is a total of 10 years from the date the system is declared operational.
2. Required maintenance comprises full maintenance services, identical to the services required in the warranty period, as set forth in Section 4.6 of the Tender (Warranty, Maintenance, and Services).
3. The Bid for maintaining the Main System and all the additional components to be effectively purchased shall be stated as a percentage of the cost of each component.
4. The proposed percentage rate for maintenance of the System and all the components and accessories to be purchased, will include all the expenses stemming from maintenance services, as described in Section 4.6 of the Tender, including labor costs of employees at all levels (technical staff, engineers, managers, etc.), travel expenses (including airfare, as necessary), downtime, spare parts, materials, special equipment, Helpdesk maintenance, version updates, software repairs, etc.
5. The percentage bid for the maintenance of the Main System and all the additional components and accessories to be purchased shall be a uniform percentage rate for all System components, and fixed for the entire Agreement Period.
6. The INP reserves the right to add items to the maintenance contract (if purchased) and/or to remove items from the maintenance contract at any stage of the Agreement Period. The additional or reduced maintenance cost will be calculated according to the cost of the components multiplied by the percentage offered for maintenance services in the relevant period.
7. The consideration payable to the Winning Bidder in respect of maintenance for the System and the additional components will be calculated according to the cost of the system

- components that are in use by the INP at the time and included in the maintenance contract, multiplied by the proposed percentage for the relevant maintenance period.
8. As it is possible that additional System accessories will be purchased in the course of the Agreement Period, an inspection shall be conducted at the beginning of each maintenance period to determine the scope of the Main System and its various components, and to determine the maintenance cost for the relevant year.
 9. The INP may refrain from purchasing maintenance services for any additional System component of any kind, or any part thereof. The INP further reserves the right to modify the maintenance method (from comprehensive maintenance to any other method).

5.2.3 Following are the components and the additional accessories of the Main System that will be taken into consideration in weighting the Bids:

	Component	Section in Specifications	Estimated Qty for weighting
1	Main AFIS System, including processing, management and storage components, licenses, special peripheral equipment, including data migration from old to new system	2.3.1, 3.1.3.2, 3.43.68, 4.7.4	1 system
2	DRP including DB storage system	2.3.1, 3.2, 3.1, 3.6.9	1 system
3	Full Work Station	2.3.2.1, 3.3.2	14
4	Administration Station	2.3.2.2, 3.3.3	3
5	Batch Scanner	2.3.2.3, 3.3.4	1
6	Central server for collection and administration of electronic files	2.3.2.4, 3.3.5	1
7	Work stations for remote transmission of crime scene evidence	2.3.3.1, 3.3.6	30
8	New electronic acquisition station – Live Scan	2.3.3.2, 3.3.7	52
9	Updating existing electronic acquisition stations – Live Scan	2.3.3.2, 3.3.7	22
10	Optical fingerprint sensor/reader	2.3.3.4, 3.3.9	2100
11	Fast-ID handset	2.3.3.5, 3.3.10	200
12	Portable Live Scan system	2.3.3.3, 3.3.8	2
13	Mobile victim capture station	2.3.3.7, 3.3.12	10
14	Smartcard reader for biometric identification	2.3.3.8, 3.3.13	350
15	Fast-ID in patrol cars	2.3.3.6, 3.3.11	50
16	Wireless Fast-ID	2.3.3(6)	100
17	Cost of maintenance for one year for the Main System and all additional components and accessories to be purchased, after the conclusion of the warranty period, for a period of seven additional years (as a percentage of the cost of the System that is purchased)	Chapter 4	7

5.2.4

Optional System Components:

- .1 **The Bidder may** offer a price for optional system components. Submission of a bid for said items is subject to the Bidder's discretion, and in no case will said bids not be taken into consideration in weighting the Bids (this section of the tender shall not be priced in the dynamic online tender procedure). Bids for these items **should be attached to the Technical Bids** that are submitted no later than the Final Submission Date.

	Component	Section in Specifications	Estimated qty for purchase	Cost per unit in NIS/Euro/USD (not including VAT)
1	Portable handset for crime scene fingerprint photography	2.3.3(10)	10	
2	Special ergonomic furniture for one work station	3.6.6	14	
3	Electronic archive	5.2.4(4)	1	

2. Bidder must offer a bid for a single unit and specify the currency in the bid. Bids may be stated in Israeli currency, Euro, or US dollars.
3. Special ergonomic furniture: Bidder may but are not obligated to submit a bid for special ergonomic furniture that is customized for the work station, as required in Section 3.6.6.
4. FP Card Archive: Bidder may submit a bid for the delivery and installation of an archive for storing FP cards (1,500,000). This archive will be fire-proof, flood-proof, and tamper-proof, and will support automated searches of FP cards, such as the KARDEX archive or equivalent.
5. It is clarified to the Bidders that purchase of any optional components and the quantity thereof is subject to the INP's budgetary resources and priorities in purchasing, based on the INP's needs.

5.2.5

Purchase of additional System components in the future

In the event that the INP wishes to purchase products that are not listed in the Bid Form, the price of such products shall be determined by negotiations with the company, at a discount of at least 25% off the company's least expensive pricelist.

5.3 Payment Milestones and Payment Terms**5.3.1 The Consideration for Delivery of the System**

1. The consideration for the delivery and installation of the Main System, as specified in the table in Section 5.2.3 of the Tender, and of the additional components to be ordered as specified in the table in Section 5.2.4 of the Tender, and services rendered according to the Tender, will be remitted to the Winning Bidder in Israeli shekels to a bank account in Israel, or in foreign currency (USD or Euro) to a bank account outside Israel. (If bank fees are charged for transfers to the Winning Bidder's bank account outside Israel, such cost will be deducted from the consideration payable to the Winning Bidder). Payment of the consideration is subject to approval of the Contract and the Purchase Order by INP authorized signatories, according to the State Assets Law, and according to the milestone and execution schedule in Section 4.2.2 (Work Plans) in the Specifications, as specified below.

No.	% of Cost	Payment Milestone
1	5%	Request Order
2	21%	FAT
3	25%	Installation of the Main System and main end-user stations. Pilot of end-user stations (handsets, Investigator Station, Patrol Cars)
4	10%	Operational activation of the system
5	10%	Assimilation completed
6	29%	Six months after assimilation completed
Total	100%	

2. Payment for Milestones 1, 2 and 3 is subject to receipt of an unconditional bank guarantee issued by an Israeli bank in an amount of the relevant payment, in favor of the INP, and in the guarantee format attached to the Tender.
 - a) Each guarantee will be in effect for at least 30 days from the operational activation of the System. Any delay in delivery will obligate the Winning Bidder to extend the effect of the guarantee accordingly.
 - b) The guarantees furnished to the INP by the Winning Bidder against payments for milestones are in addition to the performance guarantee and warranty guarantee required to be furnished to the INP by the Winning Bidder as specified in Section 0.7.1 of the Tender.
 - c) The Winning Bidder may demand that the payment/s for milestone 1 and/or 2 will be remitted together with the forthcoming milestone payment, thereby precluding the need to furnish a bank guarantee according to 5.3.1.2(a) above regarding the payment date which was postponed.
 - d) Notwithstanding the provisions above, the INP reserves its rights to advance any or all payments to any date prior to the designated date/s of payment. Upon receiving notice from the Israel Police regarding advancement of payment, the Vendor is required to provide the Israel Police a guarantee in the amount of the scheduled payment.

5.3.2 **The Consideration for Maintenance Services after the Warranty Period.**

1. After the warranty period, the consideration in respect of the maintenance of the Main System and all the components and accessories to be purchased, will be paid according to the Bidder's Bid (the percentage offered multiplied by the System's cost), as submitted in the Dynamic Online Tender procedure.
2. The consideration will be paid at the end of each quarter.

5.3.3 **Terms of Payment**

1. Payment in respect of milestones, services and goods to be supplied to the INP shall be remitted as following, from the date on which the invoice is received in our office, and subject to the conditions set forth above:
2. Invoices submitted to the offices in the first half of any month (between the 1st and 15th day of each month) will be paid at the beginning of the government payment date of the consecutive month, in other words, on the first business day after the 15th of the consecutive month.
3. Invoices submitted to the office between the 16th and the 24th day of each month (including these two days) will be paid between the 16th and 24th of the consecutive month.
4. Invoices submitted to the office between the 25th and the 31th day of each month (including these two days) will be paid on the 24th day of the consecutive month.

5.3.4 In counting these days, periods in which faulty services were rendered and/or erroneous invoices were submitted and/or invoices were submitted otherwise than according to the terms of the contract will not be taken into account.

5.3.5 In the event of a delay in payment that is the exclusive responsibility of the INP, the Supplier may demand, beginning from the 30th day of delay after the payment date as stated in 5.3.3 above, liquidated and exclusive damages in the amount to be calculated according to the "linked interest" rate set by the Accountant General in effect as at the date of the demand. Other than that, the Supplier is not entitled to any additional damages, including wither direct and/or indirect damages incurred as a result of the delay in payment by the INP as stated above.

1. If, in the course of the project, the total cost estimate is amended due to amendments to the SOW, or for any other reason, the amount that should have been paid by that stage according to the revised estimate will be calculated at the next milestone, and the differences in respect of previous payments will be set off or added to the current payment.
2. If the Winning Bidder is entitled to any payment from the INP but the Winning Bidder has not yet furnished the required performance bond, the INP may delay remittance of any such payment, up to the amount of the performance bond (required to

be furnished by the Winning Bidder according to Section 0.7.2 of the Tender) until the date such performance bond is furnished.

6 Determination of the Winning Bidder (M)

6.0 Two-Stage Determination of the Winning Bidder

6.0.1 Stage I: Examining and Evaluating the Bids

1. **Checking Bids for Compliance with Tender Requirements:** Bids will be examined for compliance with pre-qualifications (Section 0.1.2), compliance with mandatory sections (M), and inclusion of all undertakings and approvals required to be attached to the Bid. Bids that do not meet the pre-qualifications shall be disqualified.
2. The INP may contact Bidders for clarifications, if necessary, concerning compliance with the pre-qualifications and mandatory requirements. Only Bidders who properly meet all pre-qualification terms will be passed to the next examination stage.
3. Evaluating system quality: At this stage, the quality of the proposed systems will be evaluated according to the criteria listed in Appendix 6.3 attached herein. Each bid will be examined according to the list of parameters and the evaluation scale that appears alongside each parameter, based on the approvals and documentation attached by the Bidder to the Bid. Several of these parameters will be examined in operation by the INP in the course of benchmark tests.
4. Benchmarking: Relevant Bids will undergo a benchmark test, as described in Appendix 6.4 to the Tender.
5. Bidders who pass the qualitative examination and the benchmark test will receive a letter from the Tender Administrator, listing the results of the examination of the Bidder's proposed system and confirmation that the Bid is passed onto Stage II of the Tender.

6.0.2 Stage II – Dynamic Online Tender Procedure (50%)

1. Bidders who pass the qualitative examination and the benchmark test will receive a letter from the Tender Committee, and will be invited to participate in the dynamic online tender procedure that will be conducted on the tender website at : <https://card.tender.gov.il>.
2. A link to this tender will appear on the tender website (the webpage accessible by the general public). Bidders will access the link to participate in the online tender, after entering their identifying data, described in Appendix 6.5 herein.
3. At this stage, the Bidder will submit their bids for the System components and will be able to adjust the bids repeatedly, in the manner described hereinafter.

6.0.3 The Winner of the Tender will be determined at the conclusion of the dynamic online tender, and after Bidders submitted their final bids and no longer desire to adjust their bids further.

6.1 The Bids will be weighted according to the following formula:

- 6.1.1 **Qualitative parameters:** 25%, as described in Appendix 6.3. Several of these parameters will be examined in operation by the INP in the course of benchmark tests.
- 6.1.2 **Benchmark tests** – 25%, described in Appendix 6.4
- 6.1.3 **Total System cost** – 50%, including components of the Main System, additional System components, and maintenance for all System

components.

6.2 Weighting the Cost of the System

- 6.2.1 **Total System Cost:** Total cost of the System (items 1 through 16 on the Bid Form) shall be calculated by summing the products of the bid price for each item on the Form and the quantity appearing alongside the item.
- 6.2.2 **Total System Maintenance Cost:** Cost of System maintenance for an additional seven-year period, beyond the three-year warranty period included in the purchase price, shall be calculated by multiplying System cost, according to Section 5.2.3 hereinabove, by the proposed percentage representing one year's System maintenance cost (Item 17 on the Bid Form), and multiplied by 7.
- 6.2.3 **Calculating Total System cost:** summing the totals of Sections 6.2.1 and 6.2.2 hereinabove.
- 6.2.4 Bids will be weighted and scored in the following manner:
1. The lowest bid (resulting from the calculations of System cost in Section 6.2.1) will receive 50 points. The remaining Bids will receive a relative score based on the following formula:

$$P = \left\{ \frac{\text{The lowest Bid}}{\text{Bid}} \right\} \times 50$$

2. Each Bid shall receive a score that is rounded to two digits after the decimal point.

6.3 Weighting the qualitative parameters

- 6.3.1 At this stage, the quality of the Bid will be examined, beyond what is required by the mandatory requirements. Technical aspects and criteria will be examined, for adjusting the Bidder according to the Bid, according to Chapters 2- 4 .
- 6.3.2 Bidders must attach all the required and supporting documents to the Bids to obtain a maximum score and the Bidder shall be prepared to the examination during the benchmark..
- 6.3.3 The INP team will examine each Bid according to the attached documentation and the results during the benchmark. Each Bid will receive a score for each parameter defined in Appendix 6.3.
- 6.3.4 A single INP team will examine all the Bids.
- 6.3.5 After scores (between 1 and 100) for all parameters are summed, the total score will be multiplied by 0.25, to create scores ranging from 1- 25.
- 6.3.6 Scores shall be rounded to two digits after the decimal point.
- 6.3.7 The INP reserves the right to refrain from discussing Bids that achieved a score lower than 15 (of a maximum 25).

6.4 Benchmark Tests

- 6.4.1 The INP will conduct benchmark and performance tests only on the relevant Bids and systems that meet all other conditions in this Tender, for the purpose of comparing accuracy levels and performance levels of the proposed systems.
- 6.4.2 At the conclusion of the benchmark tests, each Bid will receive a cumulative score (Z) from 1% to 100%.
- 6.4.3 After the scores of all parameters are summed, and a score from 1-100 is obtained, the score will be multiplied by 0.25 to generate a score from 1-25.
- 6.4.4 Each Bid will receive a score that is rounded to two digits after the decimal point.
- 6.4.5 Pre-qualifications for benchmarking: The minimum score required for a proposed system, after summing the results of all the tests listed in Appendix 6.4 (Z) is 70%. Bids that obtain a score lower than 70% will be disqualified.
- 6.4.6 The Bidders should note that the benchmark kit that will be used by the INP in testing system performance will also be used by the INP in the course of the SAT tests.
- 6.4.7 Bidders shall declare, in the Bids, that there are one or more sites in which an operational criminal AFIS system is installed, and which is as similar as possible in its configuration (in terms of version and database size) to the system proposed to the INP, The INP may use any of such sites to conduct the benchmark tests.
- 6.4.8 The INP will also permit benchmark tests on the manufacturer's premises, provided that the tested system meets the following conditions:
- 1) The ten-print card database contains no less than 800,000 cards of different individuals.
 - 2) The palm-print card database contains no less than 250,000 cards of different individuals.
 - 3) The finger and palm unsolved latents database contains no less than 100,000 different prints.
 - 4) The bidder is ready for the benchmark tests within 30 days from receiving notice from the INP.
 - 5) If the Bidder elects to conduct the tests on an operational site on its client's premises, the Bidder is responsible for coordinating all the parties involved.
 - 6) The test will be conducted by the Bidder's fingerprint experts, in the presence and under the supervision of INP experts.

6.4.9 Determining scores on the performance test

1. The test will be conducted in stages. In each stage, a score will be given according to the test results. Scores will be calculated and weighted into a final score, according to the following weights:

Test Label	Test Type	Weight
T ₁	LT-TP	25%
T ₂	LP-PP	20%
T ₃	TP-UL	20%
T ₄	PP-UP	25%
T ₅	LT-UL	7%
T ₆	LP-ULP	3%

2. **Scoring - P (points) in percentage**

a) The score in all types of tests will comprise a combination of the following two parameters:

- 1) The order of the right candidate on the candidate list
- 2) The need for manual expert intervention to achieve a match.

In all types of tests (PT), the total percentage score will be calculated according to the following formula:

$$\%P_T = \frac{\sum P_T}{\text{Max } P_T}$$

Where:

%PT – Percentage of Points in each test

$\sum P_T$ - Cumulative sum of points from all stages

Max PT – Maximum possible score on test

b. **Final weighting**

1) The final score (Z) will be calculated after summing the scores for each test, according to the following formula:

$$Z = \sum P_{T(1-6)} \times W_{T(1-6)}$$

$$Z = (25\% \times P_{T_1} + 20\% \times P_{T_2} + 20\% \times P_{T_3} + 25\% \times P_{T_4} + 7\% \times P_{T_5} + 3\% \times P_{T_6})$$

6.5 Final Summary of Bidders' Evaluations

6.5.1 At the dynamic online tender procedure stage, the total weighted score of each Bid (quality, benchmarking, and cost) will be calculated each time any Bidder updates his Bid.

6.6 Determining a Winner

6.6.1 The Winner of the Tender will be determined at the conclusion of the dynamic tender, and after all Bidders submitted their final Bid and no longer wish to adjust their Bids.

6.6.2 The INP reserves the right to designate the second highest scoring bid as the Alternate Winner. If so required, with the consent of both parties, the Alternate Winner undertakes to enter into a contract with the INP, under the terms of this Tender, during the eight-month period commencing from the Tender Award Announcement Date.

7 Appendices

Appendix 0.3.2.	Bidder Information Sheet	
Appendix 0.5.2	Pre-Qualifying Conditions - Checklist	
Appendix 0.6	Bid Submission Form	
Appendix 0.6.1	Bidder Guarantee	
Appendix 0.6.2.4	List of Clients	
Appendix 0.7.4	Contract	
Appendix 0.7.5	Insurance Appendix	
Appendix 0.8.2	Proprietary Rights	
Appendix 0.17	Industrial Cooperation	
Appendix 5.1.13	Linkage	
Appendix 6.3	Weighting the Qualitative Parameters	
Appendix 6.4	Benchmarking	
Appendix 6.5	Dynamic Online Tender	

APPENDIX 0.3.2
Tender Document Purchase – Details

Att:

Israel National Police
Procurement and Sales Department (MAROM)
41 Ba'alei Hamelacha Street,
Ramleh Industrial Zone, Israel

I, _____,
Representative of _____ [company name]

Confirm receipt of AFIS Tender 8/2012 for Fingerprint Identification and Comparison, against a receipt of payment.

Contact details of the Vendor purchasing the Tender Documents:

Name:
Address:
Company name:
Contact person for the purpose of this Tender:
Telephone (office):
Telephone (mobile):
Fax:
Email:

Signature: _____

Date: _____

APPENDIX 0.5.2**Pre-Qualifying Conditions - Checklist**

This list is designed to assist the bidder in completing the Bid for the Tender. It is the responsibility of the Bidder to verify that his or her Bid fully meets all the pre-qualifying conditions specified in the Tender.

Do not use this Appendix to complete any information.

As explained in the introduction to Section 0.5, Bidders must respond using one of the following responses:

1. We acknowledge, understand, and accept this condition. Our Bid meets the conditions of this Section.
2. We read and understood this condition; We will comply with the requirements of this Section.
3. A complete descriptive answer.
4. Submission of approvals or certifications as required.

Section	Sub-section	Topics	Requires Bidder's Response	Classification
0		List of critical dates	2	M
0.1.2		Pre-qualification conditions for participating in the tender	4+2	M
0.1.2	1	The Bidder is a manufacturer (OEM) of criminal AFIS systems.	4	M
0.1.2	2	The Bidder has at least 10 years of experience in the manufacture, installation and maintenance of criminal AFIS systems.	4	M
0.1.2	3	The Bidder has at least 10 customers, with whom the Bidder has delivered and installed a criminal AFIS system, and to whom the Bidder has provided full maintenance services in the past five years at least.	4	M
0.1.2	4	In the past five years, the Bidder has delivered and installed at least three criminal AFIS systems in EU member countries and/or the United States and/or Canada and/or Australia and/or New Zealand.	4	M
0.1.2	5	In the past seven years, the Bidder delivered and installed at least three systems that currently each contain at least 1,000,000 fingerprint cards of distinct individuals, at least one of which was installed in the last three years.	4	M
0.1.2	6	In the past seven years, the Bidder delivered and installed at least three systems that currently contain at least 250,000 palm print records of pairs of palm prints of distinct individuals.	4	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
	7	In the past seven years, the Bidder delivered and installed at least three systems that contain a database of more than 100,000 unsolved crime scene finger and palm print latents.		
	8	The Bidder's criminal AFIS system was the subject of at least one benchmark test conducted by NIST in the past three years.		
	9	Attachment of an autonomous, unconditional guarantee		
0.3		Administration	2	M
0.5		Classification of specification items	2	M
0.6		Undertakings and confirmations relating to bid submission	4	M
0.6.1		Tender guarantee	4	M
0.6.2		Various certificates and affirmations	4	M
0.6.3		Conflict of interests	4	M
0.6.4		Supplementary information, demonstration, presentations	2	M
0.6.5		Service, Maintenance, and Spare Parts	4	M
0.6.6		Bidder's declaration	4	M
0.6.7		Bidder's declaration of experience	4	M
0.6.8		The Bidder is professionally prepared and equipped in terms of human resources	4	M
0.6.9		Signed Contract	2	M
0.6.10		An undertaking to furnish all the affirmations and satisfy all the obligations in the event of winning the tender	4	M
0.7		Undertakings and Certificates Required of the Winning Bidder	2	M
0.7.1		Bank guarantees for tender performance	2	M
0.7.2		Performance Bond	2	M
0.7.3		Guarantee for warranty	2	M
0.7.4		Contract/Agreement	2	M
0.7.5		Insurance	2	M
0.7.6		Overall Liability	2	M
0.8		General Conditions	2	M
0.8.1		Expiry of the Bid	2	M
0.8.2		Property Rights	4	M
0.8.3		Contract Term	2	M
0.8.4		Security Clearance	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
0.8.5		Maintenance and Service Warranty	2	M
0.8.6		Requirements of the Maintenance Company	2	M
0.9		The Client's Rights	1	M
0.10		The Bids	1	M
0.11		Ownership of Specifications, Access to Winning Bid	2	M
0.12		Integrity of the Bid and Overall Liability	1	M
0.14		Jurisdiction	2	M
0.15		Prices	1	M
0.16		Security classification	2	M
0.17		Industrial collaboration	2	M
2.3.1		General description of the Main System	2	M
2.3.1.1		The system will operate as a centralized system installed at an INP site.	1	M
2.3.1.2		The Main System includes all the processing and memory components necessary for the overall performance of all system operations, based on the specification requirements described in this Tender	1	M
2.3.1.3		The system will have one DRP installation site	1	M
2.3.2		The following stations will be installed at the Main Site		M
2.3.2.1		Full Work Stations		M
2.3.2.1	a	The Full Work Station will be used by FP experts and will include all the equipment necessary to capture, process, update and compare FP/PP cards and crime scene latents and electronic files sent from crime identification units in the field. The workstation will also support preparation of presentations for use in the courtroom.	3	M
2.3.2.1	b	The Work Station will allow the operator to open an electronic file and perform a preliminary comparison by classifying FPs quality (by the operator) and performing a close search in FP and PP cards of individuals with authorized access to the scene (via elimination) and/or FPs of potential suspects in the investigation case.	3	M
2.3.2.1	c	The Work Station will include all the tools necessary to perform the activities at the station. The Bidder will list all the tools included in the Work Station.	3	M
2.3.2.1	d	The Work Station will allow the operator to receive from and transmit information to police systems through services (Api, services).	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.3.2.1	e	The Work Station will include a printer to allow high quality printing of latents on a 1:1 scale or greater, on high-quality fade-resistant photo paper, at a resolution equal to that of the original.	3	M
2.3.2.1	f	The Bidder will provide a user-friendly graphic interface (GUI) on which all experts tasks can be performed.	3	M
2.3.2.2		Administration station		M
2.3.2.2	a	The Administration Station will be used by the system administrator to manage, control, and monitor the Main System and all the connected end-user equipment	1	M
2.3.2.2	b	The Administration Station will include all the tools necessary for system administration.	3	M
2.3.2.2	c	The Bidder will supply a user-friendly graphic interface (GUI) for the performance of all the system administrator's work tasks.	3	M
2.3.2.3		Batch Scanner		M
2.3.2.3	a	The Batch Scanner is designed for rapid, two-sided scanning of FP/PP cards and will include all the necessary equipment for this task.	3	M
2.3.2.3	b	The Batch Scanner will include all the tools necessary for scanning operations	3	M
2.3.2.3	c	The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all scanning operations.	3	M
2.3.2.4		Central site server for collection electronic files and queue management		M
2.3.2.4	a	This server will know how to receive electronic files containing latent FP/PP prints collected in crime scenes, FP/PP cards of individuals with authorized access and potential suspects. The station will receive all documentation related to the case, such as reports and various files.	3	M
2.3.2.4	b	This server will allow the operator to manage and monitor the queue of pending electronic case files, in various cross sections.	3	M
2.3.2.4	c	This server will allow the electronic case files to be saved.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.3.2.4	d	The server will activate the investigation case management system and provide electronic case file status (lab specimens received, retrieved from queue for examination, etc.).	3	M
2.3.3		The following types of end-user stations will be installed at various mobile and/or stationary sites to allow performance of work in the field		M
2.3.3.1		Remote Crime Scene Evidence Transmission Station	1	M
2.3.3.1	a	The Station will be used by crime scene investigators to transmit electronic case files that contain FP/PP latents from various sources (lifted, scanners, cameras, files, etc.), FP/PP cards of individuals with authorized access/potential suspects, documentation including reports, photographs, etc., to the Main System, in the shortest time possible.	1	M
2.3.3.1	b	The Station will maintain a record of all the electronic case files transmitted to the AFIS system for processing.	3	M
2.3.3.1	c	The Station will contain all the tools necessary for performing all the operations at the Station. The Bidder will list all the tools included in the Station.	3	M
2.3.3.1	d	The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all the operations at the Station.	3	M
2.3.3.1	.e	The station will allow receipt and transmission of information to and from police systems, through services (API, services)	3	M
2.3.3.2		Electro-optic Live-Scan Booking Station		M
2.3.3.2		The station will be used to acquire FPs, PPs, photograph suspects and perform Fast-IDs. The station must be able to perform the following functions:	1	M
2.3.3.2	c	Acquisition of plain, rolled and joints FP, PP and writers' palms.	3	M
2.3.3.2	h	The station will allow the operator to photograph the subject from several angles at a high quality for storage in the mug-shot album, and will support use of a biometric facial recognition system.	3	M
2.3.3.2	i	The camera will be controlled by an application installed on the booking station, and will constitute an integral part of the acquisition process, and will include the use of automatic zoom, red-eye prevention, etc.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.3.3.2	j	The Station will contain all the tools necessary for performing all the operations at the Station. The Bidder will list all the tools included in the Station.	3	M
2.3.3.2	k	The Bidder will supply a user-friendly graphical interface (GUI) for the performance of all the operations at the Station.	3	M
2.3.3.2	l	The application installed on the Station will include an interface that supports receipt of demographic and other data from other INP systems (criminal or ADAM) via services (Api, services)	3	M
2.3.3.2	m	The application installed on the Station will allow users to enter demographic data manually in the event that the interface to INP systems is inaccessible.	3	M
2.3.3.2	n	The application installed on the station will allow users to manually enter suspect descriptions for the mug-shot album, such as height, weight, skin color, tattoos, etc.	3	M
2.3.3.2	o	The application installed on the station will transmit suspect description and image to the police mug-shot album via services (Api, services).	3	M
2.3.3.2	p	The station will know how to save FP/PP and facial shots for at least three months and then transmit them as a file to the Main System.	3	M
2.3.3.2	q	Back-up of stored data will automatically be saved on the computer hard drive and on external media (DVD)	3	M
2.3.3.2	r	The application installed on the Station will include a bi-directional interface through which users receive search results from the Main AFIS System	3	M
2.3.3.2	s	The Station will allow email transmissions to send and receive NIST files among the various stations and the Main System.	3	M
2.3.3.3		Portable Live-Scan Station		M
2.3.3.3	a	The station will be used to acquire FP/PPs, photograph suspects and perform Fast ID.	1	M
2.3.3.3	b	The station will include all the features described in the Live-Scan stations, in item 2.3.3 (2) above.	3	M
2.3.3.3	c	The station will include all the tools necessary to perform the tasks at the station. The supplier will list all the tools included in the station.	3	M
2.3.3.3	d	The Bidder will provide a user-friendly graphic interface (GUI) for performing all the tasks at the stations.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.3.3.3	e	The system will allow the acquired data to be transmitted to the Main System by cellular network and/or the police intranet.	1	M
2.3.3.4		Optical Fingerprint Sensor/Reader for Investigator Station		M
2.3.3.4	a	This Sensor/Reader is designed for verification and identification tasks of suspects.	1	M
2.3.3.4	b	The Sensor/Reader supports capture of one or more fingerprints for use on Investigation Form (Form 3004), storage in the electronic case file management system, and printing of the form including the FPs.	1	M
2.3.3.4	c	The Bidder will supply a user-friendly graphical interface (GUI) for the performance of acquisition activities, including a QC system for the acquired prints.	3	M
2.3.3.4	d	The user will transmit the FPs to the AFIS system for identification/verification process via API/Services. Matching results will be returned to the investigation file management system (PELE) using API/Services	2	M
2.3.3.5		Fast-ID Handset		M
2.3.3.5	a	The Handset will be used to identify individuals or verify their identification.	1	M
2.3.3.5	b	The Handset will compare prints against the local database (Wanted List) of at least 100,000 records, and against the central database, using police intranet or cellular communications.	3	M
2.3.3.5	c	The Handset will support installation of police applications that are unrelated to FP examinations.	3	M
2.3.3.5	d	The Handset will support transmission of FP to the AFIS system for verification/identification, using services. Results will be returned to the Handset through API/Services.	3	M
2.3.3.5	e	The Handset will include a built-in smartcard reader and support comparison of the sampled fingerprint against the fingerprint embedded on a smartcard (1:1).	1	M
2.3.3.6		Wireless Fast-ID component		M
2.3.3.6	a	The component is designed for fast-ID tasks of individuals, using fingerprints.	1	M
2.3.3.6	b	The wireless component will include an optical FP scan pad and will have a scanning resolution of 500 dpi.	3	M
2.3.3.6	c	The component will include a display for displaying the results of the processing.	3	M
2.3.3.6	d	The component will support Bluetooth communications	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.3.3.6	e	The component will allow transmission of files containing FP images to computers, laptops, patrol car computers, smartphones, Bluetooth walkie-talkies.	3	M
2.3.3.6	f	Identification results will be transmitted to the computer, laptop computer, patrol car computer, smartphone, or walkie-talkies that sent the request.	3	M
2.3.3.9		Smartcard Biometric ID Reader		M
2.3.3.9	a	Smartcard Biometric ID Readers will be installed on the Investigator Station and in computerized patrol cars, to allow biometric verification against biometric identity cards (smartcards containing FP).	3	M
2.3.3.9	b	The Smartcard Biometric ID Readers will interface with applications installed on Investigator Stations and patrol cars.	2	M
2.4.1		Human Engineering		M
2.4.1.1		The system shall be Windows and/or Web oriented, according to Station type, and operations shall be consistent with Windows-environment user interfaces that are generally accepted in software programming today	3	M
2.4.1.2		User interface will be oriented to Windows systems	3	M
2.4.1.3		The interface must be a user-friendly graphic interface (GUI). The Bidder will list and provide examples of interfaces and a description of the various screens.	3	M
2.4.1.4		In all work stations in the field, the interface language will be Hebrew (booking stations, crime scene investigator stations, investigator stations, handsets, victim capture stations, patrol cars, etc.).		
2.5		Processes		M
2.5.1		General		M
2.5.2		Acquisition Processes		M
2.5.2.1		The system will support capture, storage, and retrieval of FP cards of rolled and plain prints of all ten fingers, knuckles, palm prints and writers' palms that are suitable for criminal identification.	3	M
2.5.2.2		The system will support substitution of more recent FP/PP by generating a virtual FP card that always contains the most recent and accurate biometric data	3	M
2.5.2.3		The system will support storage in the database of at least three of the highest quality FP/PP forms per suspect (multi-registration/multiple record).		M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.2.4		The system will support capture of FP/PP cards from various sources:	3	M
2.5.2.3	a	Scans of FP captured in ink	3	M
2.5.2.3	b	Capture of large batches of FP/PP cards using a batch scanner with automatic feeder	3	M
2.5.2.3	c	Import of files from other AFIS systems (Interpol, FBI) that include FP/PP, meeting accepted standards (NIST)	3	M
2.5.2.3	d	Capture of FP/PP from electro-optic systems	3	M
2.5.2.3	e	Capture of FP/PP from victim capture system	3	M
2.5.2.6		The system will support retrieval of information exposed by police systems using API/Services	2	M
2.5.2.7		The system will support entry of demographic information contained in FP cards and latent FP, using a barcode reader.	3	M
2.5.2.8		Adding suspects' mug-shots		M
2.5.2.8	a	The system will support addition of a suspect's mug-shot onto the FP/PP card, when printing the card	3	M
2.5.2.8	b	A copy of the mug-shot will be transmitted for storage in the AFIS system, linked to the enrollee's identity data.	3	M
2.5.2.8	c	The system will support the photography and storage of several images of the enrollee's face that were photographed on different dates.	3	M
2.5.2.9		When FP/PP are acquired using the Live-Scan Booking Stations, an image of the suspect's signature may be added to the FP card (enrollee's signature will be captured on an electronic pad)	3	M
2.5.2.10		Acquisition of latents at the Expert Station	3	M
2.5.2.10	a	The station will allow acquisition of FP/PP latents of different sizes from crime scenes and other sources (scanner, electronic case files, files, camera, portable media, Inter AFIS and "other AFIS systems"), including storage and retrieval.	3	M
2.5.2.12		Upon completion of the acquisition process, the search procedures described below will be activated automatically, unless otherwise decided by the user	1	M
2.5.3		Search processes against the existing database for verification, identification, and update	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.3.1		TP-TP (tenprint card against tenprint database)		M
2.5.3.1.8	a	ID Query (Verification)		M
2.5.3.1.8	(1)	After the suspect's FP card is captured, the system checks whether the enrollee's ID number exists. If yes, the system displays the FP card in the database in comparison to the new FP card, for a decision by the expert on whether the prints on both cards are identical.	3	M
2.5.3.1.8	(2)	In the case of a match, the system will automatically perform the Merge/Update function, selecting the highest quality FP/PP from both cards, allowing manual intervention by the expert. In any case, the system allows several cards to be saved for any given individual.	3	M
2.5.3.1.1		TP-TP Identification	3	M
2.5.3.1.1	(1)	If there is no match between the FP on the two cards, the system will search and compare the enrollee's prints with the existing TP database (TP-TP)	3	M
2.5.3.1.1	(2)	If candidates for a match are found, the system will display a candidate list of up to three of the closest matching fingerprints, in descending order of match value	3	M
2.5.3.1.1	(3)	If a match is found with the suspect's FP, the system will automatically perform the Merge/Update function, selecting the highest quality FP/PP from both cards, allowing manual intervention by the expert.	3	M
2.5.3.1.1	(4)	Whenever a suspect's FP are stored, the system will allow user to select a full/partial Merge-Update, migration, or deletion	3	M
2.5.3.1.1	(5)	Whenever a suspect's ID number does not exist in the database, the suspect's FP will be processed using a TP-TP identification procedure as described above.	3	M
2.5.3.2		PP-PP (Palm print card against palm print database)(PP-PP)	3	M
2.5.3.2	a	If FP are permanently or temporarily unavailable for acquisition (due to bandages, amputation, etc.), the system will identify the suspect using PP, if any exist.	3	M
2.5.3.2	b	If a match is found with the suspect's PP the system displays the PP card in the database in comparison to the suspect's PP card, for a decision by the expert on whether the prints on both cards are identical	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.3.2	c	Whenever a suspect's PP are stored, the system will allow user to select a full/partial Merge-Update, migration, or deletion	3	M
2.5.4		Crime Solving	3	M
2.5.4.1		LT-TP (Latent fingerprints against tenprint database)	3	M
2.5.4.1	a	The system will search and compare every newly captured latent FP against the existing database	3	M
2.5.4.1	b	Matching will compare against the entire database or a predefined list of FP records, defined by the user based on suspect ID/archive number (Close Search) or generated by demographic filters or other police services to be exposed by the police systems. (Filtering)	3	M
2.5.4.1	c	Before processing, the user may reduce the database size to be searched, by entering additional parameters relating to the latent FP. These data include: finger number, pattern type, delta and center location, and pattern types of adjacent or other fingers, that can be determined to belong to the same hand or the other hand of the same individual. Search may also be filtered using various cross sections (Filtering).	3	M
2.5.4.1	d	Any deviation in the acquisition angle of 30 ⁰ or more to any side will not affect the system's search capabilities. In absence of information on acquisition orientation, the system will support a search of 360 ⁰ .	3	M
2.5.4.1	f	The system will generate a list of 10-15 candidates with the highest match value, displayed in descending match score order.	3	M
2.5.4.1	g	The system will allow the expert to select the number of candidates for display in the candidate list, at least up to 50 candidates.	3	M
2.5.4.1	h	If the expert determines that the latent prints do not match any candidate, the latent FP will be searched against the UL (Unsolved Latent) database, at the discretion of the expert.	3	M
2.5.4.1	i	If the expert determines that a no match was found, the latent FP will be automatically stored in the UL database.	3	M
2.5.4.1	j	If the expert determines a match (HIT) for one or more of the latents in the case, the latents will be stored in the system but not in the Matcher component.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.4.1	k	The system will revise the search status in the police systems, by activating services.	3	M
2.5.4.2		LP-PP (Latent palm prints against palm print database)	3	M
2.5.4.2	a	Upon capture of a latent LP, the system will search against all PP records in the PP database	3	M
2.5.4.2	b	Search will be performed against the entire database or a predefined list of PP records, either defined by ID or archive number (Close Search), entered by the expert or generated by demographic filters or other police services to be exposed by the police systems. (Filtering).	3	M
2.5.4.2	c	Before processing, the expert may reduce the database size to be searched, by entering additional parameters relating to the latent prints. These parameters are right or left palm print, position, classification of the FP related to the PP. Search may also be defined according to various cross sections.	3	M
2.5.4.2	d	Any deviation in the acquisition angle of 30 ⁰ or more to any side will not affect the system's search capabilities. In absence of information on acquisition orientation, the system will support a search of 360 ⁰ .	3	M
2.5.4.2	f	The system will generate a list of 10-15 candidates with the highest match value, displayed in descending match score order.	3	M
2.5.4.2	g	The system will allow the expert to select the number of candidates for display in the candidate list (at least 50 candidates)	3	M
2.5.4.2	h	If the expert determines that no match against any candidate was found, a search of the latent will be performed in the UP (Unsolved Latent Palm print) database, at the expert's discretion.	3	M
2.5.4.2	i	If the expert determines that no match was found, the latent FP will be automatically stored in the UP database.	3	M
2.5.4.2	j	If the expert determines that a match was found (HIT) with one or more latent PP in the candidate list, the latent PP will be stored in the system, but not in Matcher component.	3	M
2.5.4.3		TP-UL Function (FP cards against unsolved latent database)	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.4.3	a	When a suspect's FP record is captured or updated, the system will automatically process and search against all UL fingerprints	3	M
2.5.4.3	b	Comparison is against the entire UL database.	3	M
2.5.4.3	d	The system will display all unsolved latent fingerprints that meet the defined minimum criteria, together with a visual display of the crime scene prints and the suspect's relevant fingerprints, for analysis by the expert.	3	M
2.5.4.3	e	The system will generate a list of candidates with the highest match value, displayed in a decreasing match value order. The candidate list will not be limited in length, and will contain all the unsolved latent fingerprints that meet the minimum match criteria.	3	M
2.5.4.3	f	If a fingerprint record appears in the candidate list of more than one latent associated with a specific case (Multi), the system will display a visual alert. The Bidder will specify the alert mode.	3	M
2.5.4.3	g	If the expert determines that a match was found (HIT) with one or more latents on the candidate list, the solved latents will be stored in the system but will be removed from the Matcher component.	3	M
2.5.4.4		PP-UP Function (PP cards against unsolved latent database UP)	3	M
2.5.4.4	a	When a suspect's PP record is captured or updated, the system will automatically process and search against the unsolved palm print database.	3	M
2.5.4.4	b	Comparison is against the entire UP database.	3	M
2.5.4.4	d	The system will display all latent palm prints from the UP database that meet the defined criteria, together with a visual display of the suspect's relevant palm print, for determination by the expert.	3	M
2.5.4.4	e	If a PP record appears in the candidate list of more than one latent associated with a specific case (Multi), the system will display a visual alert. The Bidder will specify the alert mode.	3	M
2.5.4.4	f	If the expert determines that a match was found (HIT) to one or more latent PP on the candidate list, the solved latents will be stored in the system but will be removed from the Matcher component.	3	M
2.5.5		Crime Linking	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.5.1		LT-UL (unsolved FP latent against unsolved FP latent database)	3	M
2.5.5.1	a	The system will allow the user to initiate a search and comparison against all unsolved fingerprint latents in the UL database	3	M
2.5.5.1	b	Comparison will be against the entire database.	3	M
2.5.5.1	d	Before processing, the user may reduce the database size to be searched, by entering additional parameters relating to the latent FP. These data include: finger number, pattern type, delta and center location, and pattern types of adjacent or other fingers that can be determined to belong to the same hand or the other hand of the same individual. Search may also be filtered using various cross sections (Filtering).	3	M
2.5.5.1	e	Any deviation in the acquisition angle of 300 or more to any side will not affect the system's search capabilities. In absence of information on acquisition orientation, the system will support a search of 360 ⁰ .	3	M
2.5.5.2		LP-UP (unsolved PP latent against unsolved PP latent database)	3	M
2.5.5.2	a	The system will allow the expert to initiate a search and comparison against all unsolved latent prints in the UP database	3	M
2.5.5.2	b	Comparison will be against the entire database.	3	M
2.5.5.2	d	Before processing, the expert may reduce the database size to be searched, by entering additional parameters relating to the latent prints. These parameters are right or left palm print, position, classification of the FP related to the PP. Search may also be defined according to various cross sections.	3	M
2.5.5.2	e	Any deviation in the acquisition angle of 300 or more to any side will not affect the system's search capabilities. In absence of information on acquisition orientation, the system will support a search of 3600.	3	M
2.5.6		Verification and/or Fast ID based on one or more plain FP	3	M
2.5.6.1		The system will support real-time suspect identity verification (1:1) and/or identification (1:N) against the central database and against the local database (Wanted List) in user stations that contain databases of this kind.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.6.2		The system will support use of stationary or portable end equipment, including Fast-ID handsets, optical fingerprint sensor/readers (in Investigator Stations) and/or patrol cars, connected by police intranet and/or cellular communications, and wireless Fast-ID component (Bluetooth).	3	M
2.5.6.3		Work procedure at the investigator's stations	3	M
2.5.6.3	a	The investigator captures the suspect's fingerprints using an optical fingerprint sensor/reader. The investigator uses the GUI to perform the capture, and applies the QC mechanism to the captured FP.	3	M
2.5.6.3	b	The FP is transmitted by API/Services to the investigation case management system (PELE), where an image of the FP is stored as a JPEG file on Form 3004.	3	M
2.5.6.3	c	The FP is transmitted to the AFIS system using verification/identification services. Results are returned to the PELE (Investigation File Management) system via API/Services	3	M
2.5.6.4		Fast-ID Handset Procedures	3	M
2.5.6.4	a	The user captures an examinee's FP.	3	M
2.5.6.4	b	The FP are checked against the local database (Wanted List) or transmitted by police intranet or cellular communications for search against the central database.	3	M
2.5.6.4	c	Results are returned to the police application installed on the Fast-ID handset, using API/Services.	3	M
2.5.6.5		Patrol Car Procedures	3	M
2.5.6.5	a	The user will sample the enrollee's FP.	3	M
2.5.6.5	b	The FP will be transmitted by cellular communications for a search against the central database.	3	M
2.5.6.5	c	Results of the search will be returned to the police application installed in the patrol car via API/Services.	3	M
2.5.6.6		Fast-ID procedures using a wireless (Bluetooth) component		
2.5.6.6	a	The user captures the suspect's FP.		

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.6.6	b	The FP is transmitted by Bluetooth to a defined communications component, such as patrol car computer, laptop, handset, smartphone, or other, which transmits the FP by police intranet or cellular communications for processing against the national database.		
2.5.6.6	c	Results are returned to the police application installed in the patrol car, using API/Services.		
2.5.7		Processing by an Expert	3	M
2.5.7.1		The system will include a variety of graphic tools (GUI) that experts can use to process images, apply various filters, etc, to optimize the quality of the results of each stage of the process: capture, QC, comparison, verification, identification, etc.	3	M
2.5.8		Minutiae Coding, Pattern Classification, and QC	3	M
2.5.8.1		Pattern Classification	3	M
2.5.8.1	a	Pattern classification is performed automatically; experts may add patterns.	3	M
2.5.8.2		Latent Pattern Classification	3	M
2.5.8.2	a	Latent pattern classification is performed manually by an expert. The Bidder will specify additional options.	3	M
2.5.8.3		QC – Quality Control	3	M
2.5.8.3	a	As its default option, the system will automatically transmit suspects' FP/PP cards (as needed) to a QC process.	3	M
2.5.8.3	b	System QC includes, among other things, an automatic mechanism that checks the continuity of the capture process, and includes optional expert intervention.	3	M
2.5.8.4		Minutiae Coding	3	M
2.5.8.4	a	The system will automatically encode suspects' FP and PP.	3	M
2.5.8.4	b	The system will identify and transmit prints that do not meet minimum quality criteria to a QC process by an expert.	3	M
2.5.8.4	c	The system will allow the expert to modify manually coding of prints transmitted to QC.	3	M
2.5.8.5		Latent Coding	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.5.8.5	a	The system will support automatic coding of latents including manual intervention by an expert as necessary.	3	M
2.5.9		Management and Control Processes (Administration)	3	M
2.5.9.1		The Administrator Station will include a GUI that offers the following functionality to the system administrator:	3	M
2.5.9.1	a	Users management	3	M
2.5.9.1	b	Monitoring of various procedures and queues management system (WIP)	3	M
2.5.9.1	c	Monitoring and tracking system and user performance	3	M
2.5.9.1	d	Maintenance activities and system backups	3	M
2.5.9.1	e	Remote control and command over end units	3	M
2.5.9.1	f	Generation of statistical system reports	3	M
2.5.9.1	g	Design new reports using a report generator	3	M
2.5.9.1	h	Work environment management (servers, work stations, various types of end equipment)	3	M
2.5.9.1	i	Track irregular system activities	3	M
2.5.9.1	j	Track work procedures by user station and other identifying data	3	M
2.5.9.1	k	Track access, retrieval, and display data from audit files (logs)	3	M
2.10.5		The Bidder will be required to migrate the existing code tables in the current system (M).	3	M
2.12		Database Architecture	3	M
2.12.1		The system will logically distinguish prints from different sources (i.e, separation between criminal and civilian databases).	3	M
2.12.2		On the operational activation date, the system will include the required capacity and storage capability and extension options that meet INP requirements.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.12.3		The BAZEL and MAOZ system databases are civilian databases that will stored separately. Databases received from the FBI and Interpol will also be maintained separately.	3	M
2.12.4		Search types and scope in the various databases will be defined according to the law	2	M
2.12.5		The system will support an increase in the quantities of data, as described in the table in Section 2.12.2	3	M
2.14		Reports and Queries	3	M
2.14.1		The Bidder will specify the default reports included in the system.	3	M
2.14.2		The Bidder will develop up to 10 reports based on INP definitions.	3	M
2.14.4		The system will support generation of reports of all the data contained in, and activities performed by the system.	3	M
2.14.5		The system will support generation of reports by cross-sections, i.e. ID number, population group, data source, user ID, data category, etc., and by combinations of parameters, including longitudinal data.	3	M
2.14.6		The system will support generation of statistical reports of the database, i.e., growth over a range of dates and by data entry ID.	3	M
2.14.7		The system will support graphic displays of data in various cross-sections (corresponding to the report parameters described above) and include graphic display options that are similar to Excel-based graphs, including the display of additional information, if required.	3	M
2.14.8		The system will support exporting of the reports in various formats (PDF, Excel, Word).	3	M
2.14.9		The system will support generation of comparative historic reports on operations, traffics, storage volume, loads, and statistical data.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.14.10		The system will support generation of historical reports of malfunctions by site, frequency, and other parameters.	3	M
2.14.11		The system will support generation of operating reports by various parameters (activity type, activity results, mission, etc.).	3	M
2.14.12		The Bidder will specify the system's report generation capability in terms of cross-sectional data.	3	M
2.14.13		The Bidder will specify reports, export/routing capabilities to printers, screens, files, email, etc.	3	M
2.14.15		The Bidder will attach sample reports to Section 2.14 of the Bid.	3	M
2.19		Information Security	3	M
2.19.2		The Bidder will specify the system's capabilities concerning password management (modification, blocking repeat failed access attempts, complexity, limit on number of repeat password selection cycles, etc.).	3	M
2.19.3		The Bidder will specify the secured access to the management system (HTTPS)	3	M
2.19.4		The Bidder will specify the system's existing capabilities concerning safeguarding of information integrity and protection against malfunctions, and unauthorized changes or deletions.	3	M
2.19.5		The Bidder will provide detailed documentation of rigidization procedures for all the system's components (servers, end user stations, end-user equipment, communication components, databases, etc.)	3	M
2.19.6		The Bidder will specify security capabilities in interfacing among all system components, including servers, end stations, end equipment, communication components, databases (mutual authentication, digital certificates, etc.).	3	M
2.19.7		The Bidder will specify security capabilities for interfaces with external police systems,	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.19.8		The Bidder will specify the system's capabilities in identity and access management, access policy, classes of users and access levels per user, the ability to determine a policy for each user according to a structure of permits according to the user's position in the system. Identity management in the system will be operated vis a vis existing INP authentication mechanisms. At the publication date of the Tender, the INP uses a special purpose IDM system developed for this purpose.	3	M
2.19.9		The proposed system is required to authenticate users' identity vis a vis the INP IDM system as part of its authentication process.	3	M
2.19.10		The Bidder will specify the system's capabilities of securing access to the system's databases. Additional points will be awarded if the system encrypts the data stored in the system's databases. The Bidder will specify existing symmetrical or asymmetrical encryption capabilities in the database that stores the systems' referential database.	3	M
2.19.11		The Bidder will specify system capabilities concerning documentation of system operations, such as separate event logs, audit files that document all user activities in a manner that clearly identifies the type activity performed (deletion, modification, addition), logins and logouts of users, admin password changes, modifications and additions to access permits, and activities performed by users, processes, or applications.	3	M
2.19.12		The Bidder will specify the system's ability to disconnect a user after a period of inactivity.	3	M
2.19.13		User identification at login – system users will identify themselves vis a vis a system of access permits using biometric (FP) authentication (two-factor authentication). The Bidder will specify the system used in this authentication procedure.	3	M
2.19.14		The proposed system will be capable of interfacing with the INP PKI system, and will include optional smartcard user authentication in compliance with Standard V3 X509.	3	M
2.19.15		The Bidder will specify the anti-virus mechanisms integrated into the proposed system. In any event, the INP reserves its right to integrate into the system anti-virus solutions used by the INP.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.19.16		Additional points will be awarded for a system certified for international IS standards such as EAL 2 or higher (ISO/IEC 15408). The Bidder will specify the system's IS certification on the bid submission date, or certification that is pending finalization and is expected to be obtained within one year from the bid submission date.	3	M
2.21		Volume, Work Loads, and Capacity	3	M
2.21.1		Required Daily System Throughput	3	M
2.21.2		Required System Response Times	3	M
2.21.3		Accuracy as defined in Section 6.4.	1	M
2.22.2		ADAM system – retrieval of demographic data on an individual and transfer of FP information on an individual		M
2.22.2.1		Demographic data on individuals will be transmitted through services via the INP systems.	1	M
2.22.2.2		The AFIS system will generate a unique archive number for each new individual, based on ID, CCH registration number, passport number and country, and anonymous code.	1	M
2.22.2.3		Information on existence/non-existence and quality of an individual's FP in the system will be transferred to police systems through services to be exposed by AFIS.	1	M
2.22.2.4		The AFIS system will allow receipt of files that contain a predefined list used to create a local Wanted List, through services to be exposed by police systems.	1	M
2.22.3.3		At the detailed specification stage, a decision will be made on whether the proposed system will also interface with the existing Criminal System.	3	M
2.22.3.4		Specifications in the event that the proposed system will also interface with the existing Criminal Case System:	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
2.22.3.4	a	The proposed system will receive demographic data from the CCH System based on ID number (or in absence of an ID number, CCH registration number for individuals who are not holders of an Israel ID card). The number will be entered at the AFIS system work station/Booking Station. Results from the CCH will be displayed in the appropriate fields on the work station/Booking Station screen.	3	M
2.22.3.4	b	The AFIS system will transmit all updates concerning existence of FP (including quality), PP and mug-shots to the CCH System, including the reason for an update, such as changes in the quality of enrolled FP, addition of FP not previously enrolled, addition of previously non-existing PP, modification of status (from juvenile to adult), change of gender, FP\PP deletion. The final list of fields in the file will be determined in the detailed specification stage.	3	M
2.22.3.4	c	Transfer of unique files from the CCH System to the AFIS system, such as list of wanted offenders and suspects wanted for investigation, in order to create a unique local database of FP (Wanted List) for Fast ID.	3	M
2.22.6		AFIS will expose standard services to receive FPs and return search results to INP applications. The Bidder will specify the API exposed, including all the services included therein.	3	M
2.22.6.1		The services exposed by the Bidder will be web services (Preferably services developed in WCF), or COM+.	3	M
2.22.8		The final specifications of all system interfaces with the INP systems will be determined in the detailed specification stage.	1	M
2.22.9		Interfaces to External Services	3	M
2.22.9.1		The interfaces will be based on FBI- and Interpol-approved standards (NIST files).	3	M
2.22.9.2		FP files received from external sources will include demographic data, FP\PP images, identifying FP metadata, and mug-shots.	3	M
2.22.9.3		The data will be processed by the AFIS system and results returned to the external system.	3	M
3.0.5		Reliability Standards (M)	3	M
3.0.5.1		The proposed system will be based on the Bidder's most recent, updated version.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.0.5.2		The system's work stations and servers will be based on common standard equipment for the commercial/industrial market.	3	M
3.0.6		Compliance with Standards (M)	3	M
3.0.6.1		All the proposed systems will meet current generally accepted global FP/PP and facial recognition standards	3	M
3.0.6.2		The system will meet the most updated standards approved for use by the FBI.	3	M
3.1		Main Hardware	3	M
3.1.1		The Main System hardware will include all the processing, memory, and management components required for the operations of the entire system (servers, matchers, coders, storage, etc) in a manner that is consistent with the Detailed Specifications of this Tender.	3	M
3.1.2		The Bidder will describe all the components of the proposed system, and include schematic figures of the proposed solution, indicating the various components and their operational features.	3	M
3.1.3		Requirements of Servers	3	M
3.1.3.1		The Bidder will specify the configuration of the servers included in the Bid (listed by application and environment). Server specifications will include:	3	M
3.1.3.1	a	Hardware type – Server manufacture and model, specification of drivers.	3	M
3.1.3.1	b	Server configuration (controllers, slots, etc.)	3	M
3.1.3.1	c	CPU – At least 64-bit architecture	3	M
3.1.3.1	d	RAM, at least 8 GB	3	M
3.1.3.2		OS – Windows 2003/2008 Server or the latest server version available on the market on servers with a Windows OS.	3	M
3.1.3.3		On servers with non-Windows OS, the latest server version available on the market	3	M
3.1.3.4		List of all additional components included in the tower (backup, communication cards, drivers, etc.)	3	M
3.1.3.5		The proposed server array will provide maximum system availability (NLB configuration) under BIG-IP.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.1.3.6		The proposed hardware will include all the software and operating systems required to operate the system.	3	M
3.1.3.7		The proposed servers will be high-availability servers (dual power units).	3	M
3.1.3.8		The foundation for the entire array of services will be virtual (vmware).	3	M
3.2		Main Data Storage	3	M
3.2.1		The main storage array will support storage of all the data defined in these Specifications, and performance of all procedures within the response times defined in Section 2 above.	3	M
3.2.2		The Bidder will describe the main storage array in the proposed system, including hardware type, storage volume, and redundancy.	3	M
3.2.3		The Bidder will attach an explanation of data organization, archiving, and retrieval stages, from the stage of data capture to retrieval stage by users.	3	M
3.3		End-User Equipment	3	M
3.3.1		All end-user equipment will be of the latest, advanced versions available on the market at system delivery.	3	M
3.3.2		Full Work Station	3	M
3.3.2.1		The station will be used by FP experts and will include all the equipment necessary to perform all the station functions as defined in these Specifications.	3	M
3.3.2.2		The Bidder will specify the station configuration and all ancillary equipment.	3	M
3.3.2.3		The station will operate on Windows 7 or a more recent version.	3	M
3.3.2.4		The station will include the following equipment, at minimum:	3	M
3.3.2.4	a	A computer installed in a compact desktop tower, with computation and memory sufficient to operate AFIS applications.	3	M
3.3.2.4	b	TFT monitor with at least:	3	M
3.3.2.4.	(1)	22" screen	3	M
3.3.2.4	(2)	High resolution	3	M
3.3.2.4.	(3)	Refresh rate of 5 ms	3	M
3.3.2.4	c	English-Hebrew keyboard	3	M
3.3.2.4	d	Optical mouse	3	M
3.3.2.4	e	DVD burner	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.2.4	f	Scanner	3	M
3.3.2.4	g	Digital camera for FP capture, as described in Section 3.4.7.	3	M
3.3.2.4	h	Demographic data barcode reader	3	M
3.3.2.4	i	Optical reader for biometric (FP) authentication of users at login.	3	M
3.3.3		Administration Station	3	M
3.3.3.1		The station will be used by the system administrator to manage, control, and monitor the Main System and all the connected end-user equipment.	3	M
3.3.3.2		The Bidder will specify the configuration of the Administration Station and all ancillary equipment.	3	M
3.3.3.3		The OS will be Windows 7, or newer.	3	M
3.3.3.4		The station will include the following equipment, at minimum:	3	M
3.3.3.4	a	Computer with computation and memory sufficient to operate AFIS applications and system administration applications.	3	M
3.3.3.4	b	TFT monitor with at least:	3	M
3.3.3.4	(1)	22" screen	3	M
3.3.3.4	(2)	High resolution	3	M
3.3.3.4	(3)	Refresh rate of 5 ms	3	M
3.3.3.4	c	English-Hebrew keyboard	3	M
3.3.3.4	d	Optical mouse	3	M
3.3.3.4	e	DVD burner	3	M
3.3.3.4	f	Demographic data barcode reader	3	M
3.3.3.4	g	Optical reader for biometric (FP) authentication of users at login	3	M
3.3.4		Batch Scanner	3	M
3.3.4.1		The station will be used for rapid, two-sided scanning of FP/PP cards (ink-captured)	3	M
3.3.4.2		The Bidder will specify the configuration of the batch scanner station and all ancillary equipment.	3	M
3.3.4.3		The OS will be Windows 7, or newer.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.4.4		The station will include the following equipment, at minimum:	3	M
3.3.4.4.א	a	Computer with computation and memory sufficient to operate AFIS applications and scanning applications.	3	M
3.3.4.4.ב	b	TFT monitor with at least:	3	M
3.3.4.4.ב.1	(1)	22" screen	3	M
3.3.4.4.ב.2	(2)	High resolution	3	M
3.3.4.4.ב.3	(3)	Refresh rate of 5 ms	3	M
3.3.4.4	c	English-Hebrew keyboard	3	M
3.3.4.4	d	Optical mouse	3	M
3.3.4.4	e	DVD burner	3	M
3.3.4.4	f	Rapid scanner	3	M
3.3.4.4	g	Demographic data barcode reader	3	M
3.3.4.4	h	Optical reader for biometric (FP) authentication of users at login	3	M
3.3.5		Crime Scene Investigation Work Station for Transmission of Electronic Files to AFIS (FP/PP latents, FP forms, reports, etc.) (Remote transmission of crime scene evidence)	3	M
3.3.5.1		The station will be used by crime scene investigators to transfer electronic crime scene files, including: latents from various sources obtained in the evidence collection process at the crime scene, FP and PP cards of individuals with authorized access and suspects, reports, images, etc. (scans, files, etc.).	3	M
3.3.5.2		The Bidder will specify the configuration of the work station and all ancillary equipment.	3	M
3.3.5.3		The OS will be Windows XP, Windows 7, or newer.	3	M
3.3.5.3		The station will include the following equipment, at minimum:	3	M
3.3.5.4	a	A computer installed in a compact desktop tower with computation and memory sufficient to operate AFIS applications and scanning applications , including a memory card reader.	3	M
3.3.5.4	b	TFT monitor with at least:	3	M
3.3.5.4.א.1	(1)	22" screen	3	M
3.3.5.4.א.2	(2)	high resolution	3	M
3.3.5.4.א.3	(3)	Refresh rate of 5 ms	3	M
3.3.5.4	c	English-Hebrew keyboard	3	M
3.3.5.4	d	Optical mouse	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.5.4	e	DVD burner	3	M
3.3.5.4	f	Scanner for latents	3	M
3.3.5.4	g	Demographic data barcode reader	3	M
3.3.6		Live-Scan Booking Station (Stationary Electro-Optical Booking Station in Police Stations)	3	M
3.3.6.1		The station will be used to acquire plain and rolled fingerprints, palm prints, mug-shots, and perform Fast-ID of suspects.	3	M
3.3.6.2		The Bidder will specify the configuration of the Live-Scan station and all ancillary equipment.	3	M
3.3.6.3		The OS will be Windows XP, Windows 7, or newer.	3	M
3.3.6.4		The station will include the following equipment, at minimum:	3	M
3.3.6.4	a	Computer with computation and memory sufficient to operate booking station applications.	3	M
3.3.6.4	b	TFT monitor with at least:	3	M
3.3.6.4.1	(1)	22" screen	3	M
3.3.6.4.1	(2)	High resolution	3	M
3.3.6.4.1	(3)	Refresh rate of 5 ms	3	M
3.3.6.4	c	English-Hebrew keyboard	3	M
3.3.6.4	d	Optical mouse	3	M
3.3.6.4	e	DVD burner	3	M
3.3.6.5		Live-Scan scanner will have minimum resolution of 1000 dpi.	3	M
3.3.6.6		The Live-Scan station will include a B/W laser printer	3	M
3.3.6.7		The Live-Scan station will be installed in an anti-vandal case, and all system components will be tamper-proof.	3	M
3.3.6.8		The Live-Scan station will include foot pedals (left and right) which will function as Enter keys.	3	M
3.3.6.9		The Live-Scan station will include an electronic signature pad.	3	M
3.3.6.10		UPS that will maintain the station's power supply until proper shutdown.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.6.11		The booking station will also include Check Point UTM-1™ Edge appliances as part of the means of communications with the Main System.	3	M
3.3.6.12		The Live-Scan station will include a digital camera which will be used to photograph suspects' faces. The camera will be installed as an integral part of the case and will be tamper\violence-proof, and will include:	3	M
3.3.6.12	a	Minimum resolution of 1000 × 700 pixels for face and profile images, and 1600 × 800 for full-body images.	3	M
3.3.6.12	b	PTZ (pan/tilt/zoom) capability for optimal image capture	3	M
3.3.6.12	d	The camera will be supplied with SDK for developing interfaces with the camera.	3	M
3.3.7		Portable Live Scan Booking Station	3	M
3.3.7.1		The station will be used to capture FPs, PPs, photograph suspects, and perform Fast-ID. To be installed in special purpose police cars or to be deployed in the field based on operational requirements.	3	M
3.3.7.2		The system will include all the components necessary to perform acquisition and photography in the field, including a foot pedal that functions as an Enter key to confirm acquisition.	3	M
3.3.7.3		The Live Scan scanner will have a scanning resolution of at least 1000 dpi.	3	M
3.3.7.4		The system will be capable of working vis a vis INP applications for data retrieval and transmission.	3	M
3.3.7.5		The Bidder will specify the configuration of the mobile station and all its ancillary equipment.	3	M
3.3.7.6		The system will be installed in a rigid convenient to carry case (with handles and castors) and include all the accessories necessary for its installation in a vehicle.	3	M
3.3.7.7	a-d	The system will be resistant to extreme environmental conditions.	3	M
3.3.7.8		The system is capable of working at VDC12 and VAC 220.	3	M
3.3.7.9		The Bidder will also supply cables for connection to a 12V socket.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.8		Optical Fingerprint Sensor/Reader (Investigator Station)	3	M
3.3.8.1		The Sensor/Reader will be used to verify or identify individuals.	3	M
3.3.8.2		The investigator station sensor-reader component will be used to capture and transmit FP to the Main System for verification or identification, receive a response (match/no match), save the FP images in the Investigation System, and print FP onto case investigation form (3004).	3	M
3.3.8.3		The Bidder will describe the proposed sensor/reader.	3	M
3.3.8.4		The Bidder will specify in the Bid only systems that contain standard API for interface development.	3	M
3.3.8.5		The proposed sensor/reader will include a standard USB port including driver, which is compatible with Windows XP/Windows 7/Windows 2008 R2SP1 Server, and supports direct communications with the terminal server CITRIX system.	3	M
3.3.8.7		The sensor/reader will connect to currently existing INP end-user stations located in police stations.	3	M
3.3.8.8		FP Reading Pad	3	M
3.3.8.8	a	The size of the sensor/reader will be similar to the size of a standard mouse.	3	M
3.3.8.8	b	Minimum dimensions of the scanning/fingerprinting area will be 2 cm x 2 cm. Preference will be given to a pad of a larger size.	3	M
3.3.8.8	c	Pad resolution will be 500 dpi at minimum.	3	M
3.3.9		Fast-ID Handset	3	M
3.3.9.1		The Handset will be used for verification or identification.	3	M
3.3.9.2		The Bidder will describe the proposed handset.	3	M
3.3.9.3		The Handset will be used to perform a search in the local database (WL), and in the central database using INP intranet and cellular communications, and will support GSM and UMTS technologies.	3	M
3.3.9.4		The Handset will include a contact/contactless smartcard reader.	3	M
3.3.9.5		The Handset will include the most advanced Windows OS available in market.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.9.6		The Handset will have calculation and memory capability sufficient to perform AFIS applications.	3	M
3.3.9.8		Acquisition Pad	3	M
3.3.9.8	a	Minimum dimensions of the scanning/fingerprinting area will be 2 cm x2 cm. Preference will be given to a pad of a larger size.	3	M
3.3.9.8	b	Minimum pad resolution will be 500 dpi.	3	M
3.3.9.10		Handset screen:	3	M
3.3.9.10	a	Color touch screen minimum 65,000 colors	3	M
3.3.9.10	b	Back-lighting that allows work in the dark	3	M
3.3.9.10	c	Trans-reflective screen, allows work in direct sunlight	3	M
3.3.9.10	d	Screen contrast ratio 1:50 or higher	3	M
3.3.9.10	e	Screen resolution 640 X 480 or greater.	3	M
3.3.9.10	f	Screen protector	3	M
3.3.9.10	g	Screen brightness at least 70 cd/m ²	3	M
3.3.9.10	h	Horizontal viewing angle from -35 ⁰ to +35 ⁰ or greater	3	M
3.3.9.11		Keyboard	3	M
3.3.9.11	a	The Handset will include a physical or virtual keyboard	3	M
3.3.9.11	b	Hebrew and English support mandatory	3	M
3.3.9.11	c	Key illumination allows work in the dark	3	M
3.3.9.11	d	Keys may be modified according to INP demand (numeric, alphanumeric)	3	M
3.3.9.11	e	Keyboard convenient for use in the field	3	M
3.3.9.12		The Handset will include a flash memory extension card of 2 GB or greater.	3	M
3.3.9.13		Flash memory will be easily detachable before Handsets are sent for repairs outside the INP.	3	M
3.3.9.14		The Handset will include a standard USB port for connection to various types of media.	3	M
3.3.9.16		The Handset will include an automatic energy-saving mechanism.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.9.17		Battery		M
3.3.9.17	a	The Handset will include a main rechargeable battery that allows continuous operation of 4-8 hours of operation or more.	3	M
3.3.9.17	b	The Handset and battery will withstand a temperature of 50 ⁰ C for 10 hours or more without any damage caused to the Handset or any component.	3	M
3.3.9.17	c	The Handset will include a separate charger for charging the main battery.	3	M
3.3.9.17	d	The handset will be rechargeable in vehicles.	3	M
3.3.9.17	e	The Handset will include an internal backup battery that will retain data in the event that the main battery is depleted.	3	M
3.3.9.18		Handset weight will not exceed 1.3 kg's.	3	M
3.3.9.19		Handset will be ruggedized to withstand environmental conditions as follows:	3	M
3.3.9.19	a	Impact-resistant from a height of 1.2 m or more on concrete surface.	3	M
3.3.9.19	b	Moisture- and dust-resistant at a standard of IP54 or higher.	3	M
3.3.9.19	c	Resistant to extreme temperatures of 50 ⁰ C or higher.	3	M
3.3.9.21		The handset will support optional installation of an MS SQL-type database.	3	M
3.3.9.22		The Handset will support installation of Check Point Secure Client.	3	M
3.3.9.23		The Handset will support biometric (FP) user login.	3	M
3.3.9.24		The Handset will constitute an open standard platform and support installation of INP applications not related to FP.	3	M
3.3.10		Bluetooth Rapid-ID component	3	M
3.3.10.1		Optical scan pad	3	M
3.3.10.1	a	Scan pad size will be appropriate for capturing plain prints.	3	M
3.3.10.1	b	Minimum scanning resolution 500 dpi.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.3.10.2		The component will include a color LCD display	3	M
3.3.10.3		Moisture and dust resistant	3	M
3.3.10.4		Bluetooth transmission distance – minimum 10 meters.	3	M
3.3.10.5		The Handset and battery will withstand a temperature of 50°C for 10 hours or more without any damage caused to the Handset or any component.	3	M
3.3.10.6		Handset weight will not exceed 300 gr.	3	M
3.3.10.7		Dimensions of the handset will be small.	3	M
3.4		Peripherals	3	M
3.4.1		FP cards printer for Expert Work Stations	3	M
3.4.1.1		The printer will be installed at the central fp. laboratory and will be connected to the Expert Work Stations (Full Work Stations).	3	M
3.4.1.2		The printer will be a color laser printer and will meet FBI standards for AFIS systems.	3	M
3.4.1.3		The printer will include an automatic two-sided printing option.	3	M
3.4.2		Live-Scan Booking Station Printer	3	M
3.4.2.1		The printer will be installed at each Live-Scan Booking Station.	3	M
3.4.2.2		The printer will be a B/W laser printer and will meet FBI standards for AFIS systems.	3	M
3.4.2.3		The printer will include an automatic two-sided printing option.	3	M
3.4.3		Latent Printer	3	M
3.4.3.1		The printer will be installed at the central FP. Lab.	3	M
3.4.3.2		The printer will meet FBI standards for AFIS systems.	3	M
3.4.3.3		The printer will be used to print latent prints on high-quality paper to ensure resistance to the effects of time.	3	M
3.4.3.4		The printer will support printing latent prints on a 1:1 scale or greater.	3	M
3.4.4		Scanner for Expert Station	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.4.4.1		A scanner will be installed at all Expert Work Stations	3	M
3.4.4.2		The scanner will meet FBI standards for AFIS systems.	3	M
3.4.4.3		The scanner will have a minimum resolution of 1000 dpi.	3	M
3.4.5		Batch Scanner	3	M
3.4.5.1		A Batch Scanner will be installed at the Batch Scan Station in the central FP. Laboratory.	3	M
3.4.5.2		The Batch Scanner will meet FBI standards for AFIS systems.	3	M
3.4.5.3		The Batch Scanner will have a minimum resolution of 1000 dpi.	3	M
3.4.5.4		The Batch Scanner will include an automatic two-sided scanner with a minimum 50-page feeder.	3	M
3.4.5.5		Scanning speed: 50 pages per hour.	3	M
3.4.5.6		The scanner will barcode scanning/reading capabilities.	3	M
3.4.6		Latent Scanner	3	M
3.4.6.1		A scanner will be installed at all work stations in the field that transmit latents to the Main System	3	M
3.4.6.2		The Latent Scanner will meet FBI standards for AFIS systems.	3	M
3.4.6.3		The Latent Scanner will have a minimum resolution of 1000 dpi.	3	M
3.4.7		Digital camera for FP image capture	3	M
3.4.7.1		A camera will be connected at each Expert Work Station.	3	M
3.4.7.2		The camera will have a minimum resolution of 10 Mp.	3	M
3.4.7.3		The camera will support macro capability for FP.	3	M
3.6		Infrastructure	3	M
3.6.1		The proposed system will operate in a regular office and standard air condition environment.	3	M
3.6.2		The Bidder will specify all additional environmental conditions required for the optimal operation of the equipment the Bidder supplies.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.6.3		The Bidder will define the electric consumption of the proposed system, including the UPS systems required to maintain the facility in good working order for 15 minutes, including an option for automatic shutdown of the system during a general power outage.	3	M
3.6.4		The Bidder will include lightening and surge protection for all types of equipment to be installed, including protection for:	3	M
3.6.4.1		Power sources and electric outlets	3	M
3.6.4.2		All additional sensitive interfaces and connections, at the discretion of the Bidder and the INP	3	M
3.6.5		The system will include a standard rack-mount cabinet appropriate for the specifications of the proposed hardware, with a double-sided lock.	3	M
3.6.7		Main Site	3	M
3.6.7.2		System servers will be installed at the Main Site. All the systems and infrastructure required for complete ongoing operation and management of the system will be installed at the Main Site. The Bidder will specify the hardware and software required at the Main Site.	3	M
3.6.7.3		Distribution of the system between two sites will allow full site-independent system operation at all times.	3	M
3.6.7.4		All systems at the Main Site will have a high redundancy rate.	3	M
3.6.7.5		The system will have 99.999% survivability and 5 minutes downtime per year.	3	M
3.6.7.6		The Bidder will specify the configurations required to ensure that these conditions are satisfied.	3	M
3.6.7.7		The Bidder will specify the necessary conditions to ensure data security, and will specify the conditions under which data recovery is not possible.	3	M
3.6.7.8		The system will support Active/Active configuration; At all the times, the database will be up-to-date on both sites.	3	M
3.6.8		DRP – Backup Site	3	M
3.6.8.1		The system will include an alternative site that functions as a hot backup site. In the event of a failure of the system or any part thereof, the Main Site system will automatically divert to the backup system without any adverse impact to system performance.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.6.8.2		The proposed system will provide full backup support for critical hardware components. Failure of any critical component will not terminate system operations.	3	M
3.6.8.3		The Bidder will specify the hardware and software required at the backup site.	3	M
3.6.8.4		The Bidder will list possible failure conditions, backup measures, and recovery methods in the event of failure of the system or any part thereof (DRP).	3	M
3.6.8.5		The backup site will ensure that the INP will not lose any data in the event of collapse of the Main System, and the system will return to normal operations at full capacity within one hour.	3	M
3.6.8.6		A Full Work Station will be installed at the backup site, for use during emergencies.	3	M
3.6.8.7		An Administration Station will be installed at the backup site, for use during emergencies.	3	M
3.7		Operating Systems	3	M
3.7.1		A Windows 7, or newer OS will be installed in end-user units.	3	M
3.7.1	a	In servers with a Microsoft OS – installation of at least Server Windows 2008 R2 or most recent server version available on the market.	3	M
3.7.1	b	Non-Microsoft OS servers – installation of the latest server version available on the market.	3	M
3.7.2		Operating systems will be the latest version in all equipment supplied as part of the proposed system	3	M
3.9		Database	3	M
3.9.1		The Bidder will specify the proposed database structure.	3	M
3.9.2		The database will be a table-based database of a type commonly used in the IT industry. Preference will be given to an ORACLE-type database.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
3.9.3		The Bidder undertakes to automatically extract and convert data contained in the existing system databases (based on quantities defined in Table 2.12), including FP, PP, latents (including prints that have been manually analyzed and encoded by INP experts), mug-shots, demographic data, and other documents existing in the system.	3	M
3.9.4		The data in the current system are in ANSI-NIST format	3	M
3.9.5		Data conversion will be performed on an INP site	3	M
3.10.2		System Administrator Command and Control Tools	3	M
3.10.2.1		The Command and Control System will provide complete command and control functionality from the INP Main Site and from supervision sites to be defined by the INP.	3	M
3.10.2.2		The Command and Control System will include command and control tools for hardware components, as well as for communication networks and application systems.	3	M
3.10.2.3		The Command and Control System will support transmission of reports of (predefined) malfunctions in the communication network, hardware, and applications.	3	M
3.10.2.5		The Bidder will specify the proposed Command and Control System and its components, and the components of the proposed system to which they apply.	3	M
3.10.2.6		The Control and Command system will interface with the INP's main control and command system which is a MOM/CA Unicenter type.	3	M
3.10.2.7		The proposed Command and Control system will monitor and track the Live Scan work stations installed at various INP sites.	3	M
3.10.3		Test and Training Environment	3	M
3.10.3.1		The system will be used for maintenance training and Patches checking before their installation in the operational system	3	M
4		General – Highlights		M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.0.2	2	The Winning Vendor is responsible for executing the work through the project team and the subcontractors' teams working on his behalf. The Winning Vendor is required to set up the system according to all the required specifications and schedules specified in this document.	2	M
4.0.3	2	Project execution includes all system elements including equipment, software systems, design, management, installations, integration, activation, training, documentation, assimilation, maintenance, and warranty services.	2	M
4.0.4	2	All the equipment will be new A-grade equipment in original packaging, representing the latest updated engineering version, and which was not previously in use in any other system	2	M
4.0.5	2	The Proposed Solution must be based on the most recent software package versions that have undergone all fields tests, integrated with compatible hardware, in a manner that ensures orderly operations of the total system.	2	M
4.0.6		The Winning Vendor undertakes to supply new versions of the system's software on a regular basis to ensure that the system meets the terms defined in the Contract.	2	M
4.1.1.2	c	The INP may disqualify and request substitution of any worker of the Bidder or Sub-contractor, without any need to provide reasoning for the disqualification. The Bidder undertakes to replace said individual within 10 days of receiving of such request.	2	M
4.1.1.2	d	Dismissal of any employee of the Winning Vendor or any Sub-contractor by the Winning Vendor, will be subject to advance approval of and coordination with the INP.	2	M
4.1.1.2.1	(1)	The Winning Vendor will nominate and place at the disposal of the INP a single contact person as liaison with the INP.	3	M
4.1.2		Professional Teams		M
4.1.2.1		Project Manager (Winning Vendor)		M
4.1.2.1	a	The Project Manager (on behalf of the Winning Vendor) is the individual directly responsible for the execution of the project in practice.	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.1.2.1	b	The Project Manager (on behalf of the Winning Vendor) will report on a daily basis to the INP Project Director, or any individual nominated thereby, and will act pursuant to his authority and/or ongoing instructions/agreements.	2	M
4.1.2.1	c	The Project Manager (on behalf of the Winning Vendor) will have at least five years of experience in AFIS system project management. The Winning Vendor will list the name, CV and professional experience of the proposed project manager, including details of his professional experienced. The INP may interview the proposed Project Manager (on behalf of the Winning Vendor) or obtain the opinions of references, and may in the refuse to approve the proposed Project Manager or demand termination of his work in the course of project execution.	3	M
4.1.2.1	d	Among other roles, the Project Manager (on behalf of the Winning Vendor) will:		M
4.1.2.1.7	(1)	Function as the Winning Vendor's contact person for the INP's project lead and work closely with him/her on an ongoing basis.	2	M
4.1.2.1.7	(2)	Schedule and coordinate the development tasks that are the Winning Vendor's responsibility; In other words, he will provide professional guidance through the development team leaders, and determine work plans and schedules based on agreed upon priorities.	2	M
4.1.2.1.7	(3)	Closely supervise the progress and quality of the work.	2	M
4.1.2.1.7	(4)	Issue warning, as early as possible, of any anticipated problems or non-compliance with agreed schedules or scope, etc.	2	M
4.1.2.1.7	(5)	Submit a monthly written report to the Project Administration, on all the issues noted above.	2	M
4.1.2.2		Installation Team Manager		M
4.1.2.2	a	The Winning Vendor will nominate an Installation Team Manager, who will be responsible for coordinating installation at INP sites, and who will be in charge of coordinating installations with the INP.	2	M
4.1.2.3		Security Officer		M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.1.2.3	a	The INP will nominate a Security Officer in charge of security issues related to the project. The Winning Vendor will nominate a corresponding security officer on his own behalf. The two security officers will jointly coordinate all the actions designed to protect and secure information, data, and facilities. There is no need to allocate individuals in a full-time position to this function, provided that no aspect of security is compromised.	2	M
4.1.2.3	b	The Winning Vendor is required to follow the instructions of the INP Security Officer on the following issues, among others:	2	M
4.1.2.3.1	(1)	Facility and information security	2	M
4.1.2.3.2	(2)	Approval/disqualification of employees and Sub-contractors	2	M
4.1.3		Technical Assistance		M
4.1.3.1		The Winning Vendor will provide all the knowledge and technical assistance required for the success of the project.	2	M
4.1.3.2		The Winning Vendor will provide technical assistance to INP developers working on the system API. The Winning Vendor will place at the disposal of the project, technical resources to work with IT professionals in developing the procedures specified in Chapter 2.	2	M
4.2		Work Plan		M
4.2.1		Development method		M
4.2.1.1		The proposed system is an off-the-shelf product, and includes adaptations as required to meet the needs of the INP and the specifications of the system	1	M
4.2.2		General work plan		M
4.2.2.2		The Winning Bidder will specify how he plans to meet the schedule set forth in the work plan.	3	M
4.2.2.4		Milestones		M
4.2.3.1		The general schedule, up to the operational activation of the system, specifies the latest permitted dates. The Vendor may propose a shorter schedule. In no case will the accompaniment and assimilation period be less than 10 weeks.	3	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.2.3.2		The Winning Vendor will attach to his Bid a detailed list of all the stages of system delivery and installation at INP sites.	3	M
4.2.3.3		The schedule will include all the primary and secondary activities required to execute the project, including activities concerning the specification of work plans, development, testing, data migration, delivery of equipment, installation, training, accompaniment, and assimilation, and all other activities required, even if not specified explicitly in the Tender Documents.	3	M
4.4		Ongoing Operations		M
4.4.1		The Winning Vendor will have overall responsibility to maintain the ongoing operation of the system in full and proper working order.	2	M
4.4.2		Notwithstanding Section 4.4.1 above, ongoing system operations and problem resolution up to the level of the System Administrator will be performed by the INP operations team.	2	M
4.4.3		The Winning Vendor will render ongoing support to the INP operations team throughout the Contract Term, to ensure that the system is maintained in full and proper working order.	2	M
4.4.4		In any case, the Winning Vendor is liable for system maintenance.	2	M
4.6		Warranty, Service, Maintenance		M
4.6.1		Responsibilities of the Vendor		M
4.6.1.1		The system will include a full 3-year warranty, in effect from operational activation, in respect of each and every component of the proposed system.	1	M
4.6.1.2		The warranty period of the Main System and all its components will be in effect from operational activation, subject to INP approval of the operational activation.	1	M
4.6.1.3		The warranty period of components that are added to the Main System after operational activation will be in effect from the date of their activation.	1	M
4.6.1.4		The warranty period of other system components whose installation is the Winning Vendor's responsibility will be in effect from the date of their operational activation.	1	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.6.1.5		The warranty period of other system components whose installation is the INP's responsibility will be in effect upon their receipt by INP, and in no case prior to the operational activation of the system.	1	M
4.6.1.6		If the Bidder commissions maintenance services from a local company, the local company must satisfy the Service and Maintenance Terms specified in this section.	2	M
4.6.2		The Services		M
4.6.2.1		The Winning Vendor undertakes to render maintenance services for all components of the proposed equipment for a period of at least seven years, in effect from the end of the warranty period. The INP, however, is not obligated to purchase such services.	2	M
4.6.2.2		The Winning Vendor undertakes to provide professional solutions to all issues and/or problems and/or malfunctions and/or demands relating to equipment operation, through the team that it will place at the disposal of the INP, or through experts or external consultants from Israel or abroad, as far as necessary, subject to INP approval.	2	M
4.6.2.3		The Winning Vendor will furnish to competent INP authorities any and all written and oral documentation and explanations required to enable the INP to independently operate, maintain, and understand the operation of the equipment. The Winning Vendor is responsible for ensuring that documentation of the system components is furnished to the INP and updated regularly.	3	M
4.6.4		Service Level Agreement (SLA)		M
4.6.4.2		Critical Malfunctions	2	M
4.6.4.2	a	In the event of a Critical Malfunction, the Winning Vendor undertakes to initiate resolution of the malfunction within 2 hours from receipt of notice of the malfunction by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution within 24 hours from the receipt of the same, on any day, including Saturdays and holidays.	2	M
4.6.4.2	b	In the event of Malfunction in hardware, the malfunction will be repaired or alternative components will be located within 24 hours .	2	M
4.6.4.3		Ordinary Malfunctions	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.6.4.3	a	In the event of an Ordinary Malfunction, the Winning Vendor undertakes to initiate treatment of the malfunction within 5 hours after notice of the malfunction is received by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution within 3 business days from the receipt of the same, excluding Saturdays and holidays.	2	M
4.6.4.4		Malfunction of Key End-User Equipment	2	M
4.6.4.4	a	Booking Stations and Crime Scene Latent Collection Station	2	M
4.6.4.4.N	(1)	The Winning Vendor will resolve the malfunction and the Winning Vendor's representative will resolve the malfunction at the installation site, if necessary.	2	M
4.6.4.4.N	(2)	The Winning Vendor undertakes to initiate treatment of the malfunction within 24 hours after notice of the malfunction is received by the Winning Vendor's Helpdesk, and to provide a temporary or permanent solution within five business days from the receipt of the same.	2	M
4.6.4.4.N	(3)	The Winning Vendor undertakes to perform periodic preventive maintenance services on end-user equipment.	2	M
4.6.4.5		End-user stations – Investigator Stations, Handsets, and Patrol Cars	2	M
4.6.4.5.N	a	The Winning Vendor's Helpdesk will provide an initial response to resolve the issue by telephone.	2	M
4.6.4.5.ג	b	The Winning Vendor will store replacement equipment on INP sites to replace any malfunctioning equipment.	2	M
4.6.5		Helpdesk (Call Center)	2	M
4.6.5.1		The AFIS system is defined as a strategic system that provides essential services throughout the day and night, all year. Consequently, services must ensure the operational performance of the system all year round.	2	M
4.6.5.2		The Winning Vendor undertakes to establish a Helpdesk to respond to INP services calls, and to identify and resolve hardware and software malfunctions, and provide support to users.	2	M
4.6.5.3		Helpdesk languages – English or Hebrew	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.6.5.4		The Winning Vendor will, through the Helpdesk, provide a preliminary solution for the malfunction and/or immediately involve an expert on behalf of the Vendor to provide a solution. The Helpdesk will operate all year, during all hours of the day (365 x 24).	2	M
4.6.5.5		For Critical Malfunctions only, the Winning Vendor will resolve malfunctions using remote system access on an ADSL link or other, according to INP specifications, subject to INP security policy and approval of the INP Security Unit.	2	M
4.6.5.6		The Winning Vendor will maintain an automated log of notices of malfunctions and service calls. Each call will be allocated a clear identification number as it is received, and this identification number will be used along the entire resolution process. The log will contain the following details, at minimum: details of the notice, identification of the person making notice, a brief description of the malfunction; details of the actions taken to resolve the malfunction, including the identity of the performing party; details of the INP party approving execution.	2	M
4.6.5.7		The Winning Vendor will immediately transmit a report to the INP (to be designated) of every notice of a malfunction received.	2	M
4.6.5.8		The Winning Vendor will transmit weekly and monthly reports to the INP, listing all responses to malfunctions.	2	M
4.6.6		Maintenance of the Application		M
4.6.6.1		The Winning Vendor undertakes to update the system's software versions regularly, according to manufacturers' new releases and upgrades, and to adapt each version to the system customized to INP needs.	2	M
4.6.6.2		The most recent version of any software package will be installed no later than one month after the release of the version by the Winning Vendor.	2	M
4.6.6.3		The most recent software version will be installed and tested in a test environment before installation on the operational system.	2	M
4.6.6.4		The Winning Vendor undertakes to update and upgrade the hardware as required by each software update.	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.6.7		Maintenance of Infrastructure and Technology	2	M
4.6.7.1		In the Warranty Period, and in subsequent the Maintenance Period, the Winning Vendor undertakes to repair and immediately replace any defective component.	2	M
4.6.7.2		The Winning Vendor will maintain an inventory of current spare parts of all hardware elements in the system, at quantities that are sufficient to ensure ongoing operations based in the malfunction rate and MTBF known to the system manufacturer.	2	M
4.6.7.3		The spare parts maintained in the Winning Vendor's inventory will be identical in quality and specification to existing equipment.	2	M
4.6.7.4		The Winning Vendor undertakes to provide efficient and professional support and maintenance services over the Warranty Period and the Maintenance Period, as follows;	2	M
4.6.7.4	a	To resolve all malfunctions or issue related to the operational and technical performance of the system.	2	M
4.6.7.4	b	To repair software bugs by repairing and/or providing indirect temporary solutions (work-arounds) until a perfect resolution is achieved.	2	M
4.6.7.4	c	To update releases, deliver new releases of off-the-shelf products, and make the necessary changes in applications and documents as a result of said updates.	2	M
4.6.7.4	d	To update the documentation, including training manuals and correction of errata.	2	M
4.6.7.4	e	No driver/media/ memory component that is discovered to be faulty during a regular service examination will be removed from INP sites.	2	M
4.6.7.5		Periodic Maintenance (preventive maintenance)	2	M
4.6.7.5	a	The Winning Vendor will perform in the main site periodic maintenance services at least once every two weeks to check the various systems, perform calibration, and identify and prevent malfunctions, failures, etc.	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.6.7.5	b	The Winning Vendor will perform periodic maintenance services to main end-user equipment (booking stations, Crime Scene Latent Collection Station) at least once every six months to check the systems and identify and prevent malfunctions, perform calibration, etc.	2	M
4.6.7.5	c	Preventive maintenance for all components used in Fast-ID procedures will be performed by the INP according to the Vendor's instructions.	2	M
4.7		System Integration and Deployment		M
4.7.1		Training and Assimilation	2	M
4.7.1.1		The Winning Vendor, in coordination with the INP, is responsible for conducting training and assimilation of the proposed system for a number of users to be determined jointly with the INP.	2	M
4.7.1.2		System assimilation is designed to teach and instill work procedures to AFIS system users.	2	M
4.7.1.3		Assimilation in end-user units (booking stations, Crime Scene Latent Collection Station , handsets, patrol cars, and investigator stations) will be the responsibility of INP trainers certified by the Vendor.	2	M
4.7.1.4		The Winning Vendor will conduct a training course for INP trainers on work procedures at all stations including investigator stations, patrol cars, handsets, and portable and stationary live-scan stations.	2	M
4.7.1.5		Assimilation will begin after the Winning Vendor completes a concentrated training course, in coordination with the INP.	2	M
4.7.1.6		After all users have participated in training, the Winning Vendor is required to closely accompany users in the initial phases of system use, to complete training on an individual basis, and resolve issues that arise. Assimilation will proceed by function and will be customized to various job groups.	2	M
4.7.1.7		The Winning Vendor will prepare and obtain INP's approval for a plan for quality sampling, to test the success of the assimilation.	2	M
4.7.2		Training	2	M
4.7.2.1		The Winning Vendor will train INP officers designated to use the AFIS system.	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.7.2.2		The Winning Vendor will conduct training in English or Hebrew.	2	M
4.7.2.3		Training will include different combinations of course materials at different levels for different job holders, such as administrators and users.	2	M
4.7.2.4		Training programs of all types are subject to INP approval and will be conducted in coordination with INP authorities.	2	M
4.7.2.5		Training manuals for all training programs will include lesson plans in PowerPoint format, practice work, and qualification tests. Training materials will also be delivered to the INP on digital media and will be used for future training sessions.	2	M
4.7.2.6		Together with the system, the Winning Vendor will deliver a User Manual that will assist users in operating the system. The Manual will also be furnished on digital media which may be used for independent learning.	2	M
4.7.2.7		The Winning Vendor will place professional and experienced trainers at the INP's disposal.	2	M
4.7.2.8		The Winning Vendor will specify the manner in which he intends to perform each of the above training tasks.	2	M
4.7.2.9		Technical Training for Administrators	2	M
4.7.2.9	a	The Winning Vendor undertakes to train 4-6 police officers at the Winning Vendor's site, as part of project execution.	2	M
4.7.2.9	b	The trainees will be trained, will practice, and will acquire a broad understanding of the system and its principles; they will be introduced to the menus, learn to operate the functions, software tools and administration tools; learn to resolve technical issues; data retrieval and analysis; report generation, system shutdown, and other system operations (i.e. system console operation, diagnostic routines, backup and recovery functions), etc.	2	M
4.7.2.9	c	Length of training – at least 10 business days.	2	M
4.7.2.10		Training for Key System Users (Experts)	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.7.2.10	a	The Winning Vendor undertakes to train 20 latent and ten print users.	2	M
4.7.2.10	b	Training will be performed in rounds of up to 10 users, at an INP site.	2	M
4.7.2.10	c	Training will cover at least the following topics:	2	M
λ 4.7.2.10	1)	Acquisition of new tenprints	2	M
λ 4.7.2.10	2)	Import and export of NIST files	2	M
λ 4.7.2.10	3)	Capture of crime scene latents (LP+LT)	2	M
λ 4.7.2.10	4)	Treatment of electronic files and elimination process	2	M
λ 4.7.2.10	5)	Minutiae placement	2	M
λ 4.7.2.10	6)	Quality control	2	M
λ 4.7.2.10	7)	Tenprint search and verification	2	M
λ 4.7.2.10	8)	Latent search/verification	2	M
λ 4.7.2.10	9)	Use of filters	2	M
λ 4.7.2.10	10)	Use of enhancement tools	2	M
λ 4.7.2.10	11)	Operating charting software	2	M
4.7.2.10	d	Length of training – at least five business days	2	M
4.7.2.11		Advanced training – Tenprint/Latent Supervisors	2	M
4.7.2.11	a	The Winning Vendor undertakes to train five police officers at an INP site.	2	M
4.7.2.11	b	Trainees will learn and acquire a broad understanding of the system and its principles including menus, features, record updating, record deleting, report generation, etc.	2	M
4.7.2.11	c	Length of course – at least three business days.	2	M
4.7.2.12		Training for Trainers	2	M
		The Winning Vendor undertakes to train trainers for the following end-user units:	2	M
4.7.2.12	a	Live-Scan and Crime Scene Latent Collection Station	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.7.2.12	(1)	The Vendor will train and certify 14 INP officers who will function as trainers.	2	M
4.7.2.12	2)	Training will include at least the following topics:	2	M
4.7.2.12	a)	Operating a booking station using all acquisition methods	2	M
4.7.2.12	b)	Photographing mug-shots of enrollees	2	M
4.7.2.12	c)	User management	2	M
4.7.2.12	d)	Report generation	2	M
4.7.2.12	e)	Backups	2	M
4.7.2.12	f)	Printing	2	M
4.7.2.12	g)	Operating Crime Scene Latent Collection Station	2	M
4.7.2.12	h)	Troubleshooting	2	M
4.7.4.12	3)	Length of training – at least five business days.	2	M
4.7.2.12	b	Investigator Stations	2	M
4.7.2.12	(1)	The Winning Vendor will train and certify 20 INP officers as trainers.	2	M
4.7.2.12	(2)	Training will include at least the following topics:	2	M
4.7.2.12	a)	Operating the application for capturing single fingers at the Investigator Station	2	M
4.7.2.12	b)	Receiving responses to queries from the Main System	2	M
4.7.2.12	(3)	Length of training - at least two business days.	2	M
4.7.2.12	c	Handsets and patrol cars	2	M
4.7.2.12	(1)	The Winning Vendor will train and certify 20 INP officers as trainers.	2	M
4.7.2.12	(2)	Training will include at least the following topics:	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
λ(2 4.7.2.12	a)	Operating the handset	2	M
λ(2 4.7.2.12	b)	Operating the application for capturing single fingers	2	M
λ(2 4.7.2.12	c)	Receiving responses to queries from the Main System	2	M
4.7.2.12.λ	(3	Length of training - at least two business days.	2	M
4.7.3		Documentation	2	M
4.7.3.1		The documentation supplied with the system will include:	2	M
4.7.3.1	a	A general description of the system and all system components.	2	M
4.7.3.1	b	A diagram/drawing of the system structure and system deployment on each site, including IP address of each component.	2	M
4.7.3.1	c	DRP – Disaster Recovery Plan	2	M
4.7.3.1	d	ATP – Acceptance Test Plan	2	M
4.7.3.1	e	System Backup Plan	2	M
4.7.3.1	f	Data Migration Plan	2	M
4.7.3.1	g	Training and assimilation Plan	2	M
4.7.3.1	h	Training lessons and presentations	2	M
4.7.3.1	i	Complete User Manual in Hebrew or English, including quick reference operating manual in Hebrew, one copy for each Main System work station.	2	M
4.7.3.1	j	Operating Manual for Administration Station operators, in English.	2	M
4.7.3.1	k	Complete User Manual and quick reference operation manual in Hebrew, for each user station of the end-user units (booking stations, Crime Scene Latent Collection Station , investigator stations, handsets, and patrol cars).	2	M
4.7.3.1	l	Technical specification in English of all the included API /services to be exposed by the system, including precise operating instructions.	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.7.3.2	m	All the services specified in Section 4.7 are included in the price of the system, and no additional payment shall be made in respect thereof.	2	M
4.7.4		Migration	2	M
4.7.4.1		The Winning Vendor is responsible for performing electronic migration of all existing data in the current AFIS system.	2	M
4.7.4.2		The Bidder will describe and specify the proposed migration process in the Bid, including a detailed schedule for migration, risk management plan, and description of quality checks (a Data Migration Plan).	2	M
4.7.4.3		Migration will be performed on an INP site.	2	M
4.7.4.4		The Winning Vendor will use all means required to ensure perfect, complete, and faultless migration of all the data in the existing system, including fingerprint and palm print coding data and operator manual coding, to the proposed system.	2	M
4.7.4.6		The Winning Bidder will address the following issues in this Bid:	2	M
4.7.4.6	a	Migration of fingerprint/palm print coding data including manual operator coding.	2	M
4.7.4.6	b	Concurrent operation of the existing system during data migration.	2	M
4.7.4.6	c	Graduated migration plan including system downtime.	2	M
4.7.4.6	d	Meta-data migration	2	M
4.7.4.7		Upon completion of data migration, the Winning Vendor will perform a complete consistency test on the entire quantity of data, and will verify and confirm that all data in tables and coding were successfully migrated.	2	M
4.7.4.8		The Winning Vendor will provide detailed progress reports on data migration and its results.	2	M
4.8		Robustness and Reliability (M)	2	M
4.8.1		Test Plan	2	M
4.8.1.1		In general, the following series of tests will be conducted:	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.8.1.1	a	FAT – to be conducted by the Winning Vendor at the Vendor's site	2	M
4.8.1.1	b	SAT - to be conducted by the Winning Vendor at an INP site	2	M
4.8.1.1	c	Functional testing, including benchmarking, by INP at an INP site	2	M
4.8.1.2		The Winning Vendor will list all the tests and scenarios included in the ATP to be presented to the INP.	2	M
4.8.1.3		The INP will examine and approve the ATP.	2	M
4.8.1.4		The INP may add additional tests to the ATP at its discretion.	2	M
4.8.1.5		The ATP will specify the approach used to verify all the requirements in the Specifications Document.	2	M
4.8.1.6		The ATP will define the means and methods used to perform SAT tests, without any adverse impact on ongoing system operations.	2	M
4.8.1.7		Completion of ATP is subject to INP approval. In the absence of AT approval, the INP may operate the system while work is performed to complete the tests.	2	M
4.8.1.8		Operating the system without final approval does not constitute approval that the system was completed.	2	M
4.8.1.9		ATP will be documented in test reports that will include the following data, for each test:	2	M
4.8.1.9	a	Test environment	2	M
4.8.1.9	b	Date and time	2	M
4.8.1.9	c	Test administrator	2	M
4.8.1.9	d	Procedure (including data entered into the system)	2	M
4.8.1.9	e	Actual vs. predicted results	2	M
4.8.1.9	f	Analysis of results	2	M
4.8.2		Concurrent operation of existing system and proposed system	2	M

Section	Sub-section	Topics	Requires Bidder's Response	Classification
4.8.2.1		After conducting acceptance tests, the system will be activated by the INP concurrently with the existing system.	2	M
4.8.2.2		In this period, the entire system will be activated using real-life scenarios; System faults will be monitored.	2	M
4.8.2.3		All system faults will be recorded and resolved, according to severity and impact on system operations.	2	M
4.8.2.4		The Concurrent Operation Period will continue for three months.	2	M
4.8.3		Availability and survivability		M
4.8.3.1		Due to the strategic significance of the system for INP's ongoing operations, the system is required to meet particularly high standards of reliability and rapid fault recovery.	3	M
4.8.3.2		The Winning Vendor will specify the mechanisms incorporated in the system to ensure reliability and to optimize faulty recovery capabilities.	3	M
4.8.3.3		The system is required to meet all requirements relating to backups, data and system recovery as specified in Chapter 3 (Technology), and specifically to prevent any situation in which a single fault in a component causes the failure of the entire system or major parts thereof.	3	M

APPENDIX 0.6
Bid Submission Form

Att:

Israel National Police
Procurement and Sales Department (MAROM)
41 Ba'alei Hamelacha Street,
Ramleh Industrial Zone, Israel

From:

We, the undersigned, authorized to complete this Form on behalf of the Bidder, _____, and declare on the Bidder's behalf, hereby submit the Bid after having read the terms and conditions of the Tender, and having perused all the relevant documents, and we specify below the required information as an integral part of the Bid.

The registered name of the Bidder [company]: _____

Company number: _____

Company registration date: _____

Address of main office: _____

Additional addresses, if any: _____

Owners: _____

Name: _____ Ownership: _____ %

Name: _____ Ownership: _____ %

Name: _____ Ownership: _____ %

Members of the Board of Directors:

Company Executives:

Name: _____ Position: _____

Name: _____ Position: _____

Name: _____ Position: _____

Authorized signatories:

Name: _____ Position: _____

Name: _____ Position: _____

Name: _____ Position: _____

Contact person for this Tender: _____

Position: _____

Tel: _____

Fax: _____

We hereby affirm that:

- i. There is no legal impediment to prevent us from submitting the Bid and entering into a contract with the INP pursuant to the Bid.
- ii. No order of liquidation/winding-up/temporary receivership has been issued against us, nor have we been declared bankrupt, and no such orders are expected to _____ be _____ issued.
- iii. We meet the preliminary conditions in terms of experience, as set forth in Section 0.1.2.
- iv. We are prepared, professionally and in terms of the scope and quality of manpower and other resources required, to deliver and provide support services for the products and services as required in the Specifications, and to satisfy all the other obligations specified in the Specifications, and we will apply all necessary resources for the Tender in the event that we are awarded the Tender.
- v. The products offered in the Response are all available, and we possess no information of any planned cessation of delivery or any impediment that would prevent the continued supply of versions and updates for a period of at least 10 years, if so required.

A similar declaration by the manufacturers and/or authorized distributors, who are other than the Bidder, is attached.

- vi. We undertake to assume full and complete liability to satisfy the requirements of this Tender in the event that we are awarded the Tender. We acknowledge that we will be considered the Vendor and will be liable for the products and actions of Sub-contractors or third parties that participate in the project. The attached documents represent the relationship between us and all Sub-contractors included in our Bid, and the declarations of the Sub-contractors on the following issues:

Sub-contractors' agreement to deliver the products and/or services that are deliverable according to our Bid, and their undertaking to support us by granting warranty and maintenance services to the extent required in the Specifications;

Sub-contractors' undertaking to continue to deliver products and/or render services as required in the Specifications, either independently or through other authorized vendors, if and when we are not involved in the project and/or we are prevented from executing our role in the project for any reason.

- vii. We are the owners of the proprietary rights, copyrights, patent rights, and other rights embodied in our Bid.

(Alternatively / In addition, if the Bidder is not owner of all the above rights:)

Attached are affirmations of the owners of the rights embodied in our Bid, which permit and authorize us to offer our Bid, including all the parts therein.

- viii. In the event that the effect of this Tender is extended, we agree to the extension of the Bid and bank guarantee, and to renew all the approvals and documents required, accordingly. If we are declared the Winning Bidder, and if necessary, we will renew all the approvals and documents for the entire course of the Contract Term.
- ix. We confirm that if we fail to meet any of the mandatory pre-qualifying conditions of the Tender and/or we fail to attach any document to this Tender the attachment of which is mandatory, the INP may disqualify our bid.
- x. The required appendices and documents are hereby attached to our Bid.

Name of signatory	Signature	Stamp
		Date

Name of signatory	Signature	Stamp
		Date

APPENDIX 0.6.2.4
List of Clients

To:
The Israel National Police

Following is a list of clients at whose premises we installed systems manufactured by _____.

Client's name:

Country:

Installation date:

FP database size:

PP database size:

UL database size:

Contact person – Tel no.:

Contact person – Mobile no.:

Contact person – email:

APPENDIX 0.6.9
Declaration of the Winning Bidder Concerning the Award

To:
The Israel National Police

We, _____, authorized signatories of _____,
hereby declare that:

We have carefully read Public Tender 62/09 AFIS System (hereinafter, "the Tender").

We have understood all the provisions and terms of the Tender and have received clarification regarding any issue in doubt;

We agree to all the terms of the Tender including the Form of the Contract between ourselves and the Client – Tender Administrator, and we undertake to comply with all the requirements of the Tender.

We undertake not to assign or transfer to any other party our rights or obligations under the terms of the Tender, in entirety or in part, without advance approval in writing by the Tender Administrator.

We hereby submit all the documents required in the Tender to secure all our obligations in respect of being awarded the Tender.

We undertake to possess, at the time of our nomination as Winning Bidder, the inventory of components and spare parts required to render the services in the Tender.

Date: _____ Vendor: _____ Signature and Stamp: _____

APPENDIX 0.7.4
Agreement/Contract

For the Purchase of an AFIS System for Fingerprint Comparison
Tender 8/2012

BETWEEN	THE ISRAEL POLICE ON BEHALF OF THE STATE OF ISRAEL by _____ and _____ (hereinafter: " The Police ")
	<u>OF THE FIRST PART</u>
AND	_____ (hereinafter: " The Company ") by its Directors _____ Identity Card No. _____ and _____ Identity Card No. _____ Who declare that they are duly authorized to sign this Agreement on behalf of the Company and that their signatures bind the Company in all respects.
	<u>OF THE SECOND PART</u>

WHEREAS	The Israel Police has requested bids concerning the purchase of a criminal AFIS system - a system for comparison of fingerprints and palm prints, in accordance with the specification attached hereto as Appendix 1;
AND WHEREAS	The Company has been selected from the bidders to carry out the work for the Police, all in accordance with and subject to the terms and conditions of this agreement;
AND WHEREAS	The Company declares that it possesses the knowledge, means and skills in the field of criminal AFIS systems as required in accordance with this Agreement, including the delivery, installation, training, support and maintenance of the aforesaid System;
AND WHEREAS	The Parties wish to make arrangements governing the contract between them for executing the work as detailed hereunder in this Agreement;

IT HAS THEREFORE BEEN AGREED AND STIPULATED BETWEEN THE PARTIES AS FOLLOWS:

1. THE CONTRACT DOCUMENTS

- 1.1 The preamble to this Agreement and the Appendices that are or will be attached to it in the future by agreement of both Parties in accordance with its provisions, constitute an integral part of this Agreement. Wherever in

this Agreement the words "the Agreement" are mentioned, the intention is to refer to the provisions of this Agreement and each of its aforementioned Appendices.

1.2 List of Appendices

A. The Tender/Specification Documents - Appendix 1

B. The Company's Bid - Appendix 2

C. The Consideration Appendix - Appendix 3

* The Consideration Appendix will be furnished to the Company on the basis of its bid; in so far as no Consideration Appendix has been prepared, the Company's Financial Bid shall be considered the Consideration Appendix.

D. Bank Guarantee Appendix - Appendix 4

E. Non-Disclosure Agreement - Appendix 5

F. Source Code Escrow Agreement - Appendix 6

1.3 In the case of any inconsistency between provisions of this Agreement and provisions of any of the individual Appendices and/or any document that has been prepared without the provisions of this Agreement having been explicitly and intentionally amended by the authorized signatories, the provisions of this Agreement shall be preferred.

1.4 In any case in which such an inconsistency arises, the party that has discovered such inconsistency must bring it to the attention of the other party immediately upon the discovery thereof. A meeting for the purpose of discussing a resolution of the inconsistency shall be convened according to the provisions specified in Section 6.2.2 of this Agreement.

In any case in which it is not possible to construe a provision of the Agreement unequivocally, the provisions of the Israeli Interpretation Law ("Interpretation Law 5741 – 1981") shall apply to the interpretation of this Agreement.

2. DEFINITIONS

"The System" -	The proposed AFIS system and/or any of its component, whether hardware or software, that has been purchased and/or will in future be purchased in accordance with that stated in the Specifications - Appendix 1 - and in the other Appendices, including new versions and/or
----------------	---

	continued and/or additional development and/or additions and/or modifications therein.
"The Work" -	Performance of all the assigned tasks and obligations imposed on the Company in accordance with the provisions of this Agreement and the Specifications.
"The Specifications" -	Appendix 1 to this Agreement.
"The Police Representative" -	As detailed in Section 5.1.
"The Company's Representative" -	As detailed in Section 5.2
"Fault" -	Any situation in which any user is unable to use the System in a regular, ordinary manner due to a cause related to the System and/or due to any malfunction in the regular, ordinary operation of the System.
<u>Note:</u>	All terms in this Agreement shall be interpreted according to their definition in the Specifications unless otherwise stated in this Agreement.

3. GENERAL OBLIGATIONS:

- 3.1 The Company undertakes to plan, develop, supply, install and execute the work and all the stages and parts entailed in and connected with the work, in a proper manner which meets all the requirements set out in these Specifications, and to perform all the other obligations detailed in this Agreement and in its Appendices, in accordance with the Schedule, at a high professional standard, by means of professional labor and the use of excellent materials and equipment' all the while maintaining compliance with all the relevant international and Israeli Standards, including Standards concerning safety at work, production and development.
- 3.2 The Company declares that it has the qualifications, rights, ability, skill, professional know-how, equipment, tools, labor, and resources that are necessary to execute the work.
- 3.3 The Company declares that all the software programs included in the System are owned by it and/or that it has in its possession a lawful agreement for their distribution and/or marketing and/or sale.
- 3.4 The Company undertakes that all the equipment and parts of the System that is to be supplied by it for the purpose of performing the Agreement shall be new and in an excellent technical state and shall comply with the provisions of the Specifications.

- 3.5 The Company shall work in full collaboration with the Police and its representatives and shall assist them in carrying out the tasks assigned to them for the purpose of performing this Agreement. The Company further undertakes to carry out the instructions of the Police issued from time to time, subject to the provisions of this Agreement.
- 3.6 Any delay by the Company in performing its obligations under this Agreement, which arises from a delay in carrying out a task assigned to the Police, shall not be deemed a breach of the Agreement for the purposes of this Agreement and the performance dates assigned to the Company under the Schedule shall be extended according to the delay on the part of the Police.
- 3.7 The Police hereby orders the execution of the work by the Company, and the Company assumes upon itself to execute the work in accordance with and subject to the provisions of this Agreement, and the Police declares that the budget that is available to it or that will be made available to it in the future for financing the work is of the scope of the amounts quoted or which shall be quoted in the future in a Purchase Order/s to be signed by the duly authorized parties on behalf of the Police, and which shall be issued from time to time to the Company pursuant to this Agreement.

4. THE CONSIDERATION:

- 4.1 In consideration of performance of all the Company's obligations under this Agreement the Police will pay the Company the amounts on the payment dates and on the linkage terms specified in the Specification (Appendix 1), subject to the Consideration Appendix (Appendix 3). Payment shall only be made against confirmation of the Police Representative that the milestone in respect of which payment is requested has been completed as provided in Section 6.1.2 of the Agreement and subject to what is stated hereunder.
- 4.2 Following receipt of confirmation of the Police Representative as to completion of a milestone, the Company shall submit a tax invoice to the Police for payment which shall specify the basic price and the exchange rate and/or linkage differentials at the invoice issue date, in accordance with the method of calculation specified in the Consideration Appendix and/or in the Specifications. Apart from the aforementioned differentials, the Company shall not be entitled to any additional or other price increase.
- 4.3 The invoices that are to be submitted as aforesaid shall be paid no later than 45 days from the date on which they are furnished to the Police (in counting such days, any period in which an erroneous invoice has been submitted or one that does not accord with what is stated in this Agreement shall not be counted). In respect of invoices that have been paid late other than in accordance with the terms of the Agreement and its Appendices,

the Company may demand interest differentials as published by the Accountant General at the Israeli Ministry of Finance.

- 4.4 Notwithstanding the provisions of this Agreement, it is hereby clarified that the Police shall neither be liable for nor pay any additional amount beyond what is stated in the Consideration Appendix, unless the Police has signified its agreement in writing and in advance by authorized signatories of the Police.
- 4.5 In the event that the Company has been late in fulfilling its obligations under the Schedule, the Police may pay the consideration at the lowest exchange rate applicable during the period from the delayed performance until the invoice issue date, in addition to any other relief to which the Police is entitled in respect of a delay in meeting the Schedule.
- 4.6 Travel time, inaction, waiting and any other ancillary expense of the Company and/or its employees for the purpose of executing the work, shall not be taken into account in determining the number of billable hours or in relation to payment in respect of the [maintenance] services and such time is be included in the price that has been fixed.
- 4.7 "A Work Hour" for the purpose of this Agreement means - "60 minutes".

5. REPRESENTATIVES OF THE PARTIES:

5.1 The Police Representatives

- 5.1.1 The Police Representative who is duly authorized to act on behalf of the Police in performing this Agreement, (except in relation to matters in which it is interpreted in this Agreement as meaning another person, such as Section 5.1.5), is the Head of DIFS and/or whoever has been duly authorized on his behalf, and regarding which notification has been given to the Company.
- 5.1.2 The Police Representative will be responsible on behalf of the Police for management of the work and coordination of all the tasks assigned to the Police in all matters pertaining to execution of the work under this Agreement.
- 5.1.3 Without derogating from the generality of the foregoing, the Police Representative may and shall be authorized to:
- (a) Instruct the Company in accordance with the provisions of this Agreement;
 - (b) Approve matters for execution, and confirm compliance with the Schedule;
 - (c) Define working procedures;

- (d) Monitor the work in progress and to inspect customization of the system to the requirements of this Agreement;
- (e) Approve changes as specified hereunder in Chapter 9;
- (f) Require the Company to take action and provide reports that are in his opinion necessary in the context of performance of this Agreement.

5.1.4 Names of the Police Representatives shall be given to the Company. The Police may replace its representatives during the term of the Agreement, and notice thereof shall be given to the Company.

5.1.5 Notwithstanding the foregoing and the remaining provisions of this Agreement, in any case in which a decision that has a budgetary implications on the Police is required, the Police Representatives are not authorized to bind the Police; Only written Purchase Orders signed by the authorized signatories of the Police shall be binding on the Police, in terms of the financial obligations they represent.

5.2 The Company's Representatives

5.2.1 The Company shall appoint Representatives on its behalf, who shall be responsible for the management and performance of the work by the Company. The Company shall appoint a senior representative at the head of its representation, who shall bear overall responsibility and shall be responsible for all the Company's representatives (hereinafter: "the Senior Representative"), and he shall be authorized by the Company to decide on all issues that require a decision for the purpose of fulfilling the provisions of this Agreement.

5.2.2 Names of the Company's representatives and of the Senior Representative shall be forwarded in writing to the Police for its approval. The Company shall make an effort not to replace its representatives throughout the period of the work under the Agreement. Should any of the Company's representatives be unable to continue in his job, either permanently or temporarily, the Company shall appoint a replacement for him after receipt of approval of the Police.

5.2.3 The Police Representative may demand that the Company replace within the shortest possible period of time, any representative who is deemed unsuitable, at the discretion of the Police, and the Company undertakes to procure the replacement of such representative and to replace him with a representative who is approved by the Police, as required.

5.2.4 The Company's representatives shall be persons with the appropriate qualifications and skills for the purpose of performing their functions and

have practical and applicable experience in the fields in which they are to be engaged in performance of the work.

5.2.5 The Parties mutually undertake to collaborate at all times with representatives of the other party in performing the tasks assigned to them.

6. THE COURSE OF THE WORK:

6.1 Periodical Progress Reports and Achievement of Milestones

6.1.1 The Company shall submit to the Police Representative, at the end of every stage and at least once every two weeks, a progress report of the work in accordance with the milestones and the stages detailed in the Specification, included a list of the tasks that have been performed, problems that have arisen, issued agreed, and a program for continuation of the work. The Police Representative may demand and the Company shall be obliged to provide shortly after such demand, clarifications, and explanations concerning the reports submitted.

6.1.2 A milestone and/or a stage shall be deemed as having been completed on the following conditions:

- (a) The Company has completed the actions entailed in achievement of the milestone and the Company's representative has delivered to the Police all the products and documents that are necessary for completion at such stage in accordance with the Specifications, and has made a request in writing for approval that such milestone has been achieved.
- (b) The Police Representative has studied and examined such products and documents and has received all such explanations and clarifications as are required, as necessary.
- (c) The Police Representative has notified the Company's representative in writing that such stage and/or such milestone has been approved, or has notified him in a document setting out reasons for withholding approval, with reference to the Specifications.
- (d) The Police Representative may confirm that the milestone and/or stage have been partially completed.

6.1.3 For as long as the Police Representative has not approved achievement of the milestone as aforesaid, provided that he has given notice to that effect as set forth above in Section 6.1.2 9c), the Company must proceed in accordance with the provisions of this Agreement and its appendices in order to complete such milestone, and the Company may not start working on the subsequent milestone unless it has received explicit and written approval to do so from the Police Representative

6.1.4 For as long as a milestone and/or a stage as aforesaid has not been approved, the Company may not request payment on account of the consideration for achievement of such milestone unless a subsequent milestone has been completed according to agreement with the Police Representative, as provided above in Section 6.1.3, and the payment is requested in respect of completion of such milestone.

6.2 Progress Discussions

6.2.1 Such discussions shall take place from time to time at times prescribed in advance and at such place as shall be agreed between the Parties. The purpose of such discussions is to discuss and summarize matters of principle such as: work plans, modifications, irregularities, and resolution of matters in dispute. Periodical progress reports of the relevant months shall serve as a basis for the discussions and shall be prepared by the Company in advance of such discussions.

6.2.2 In special cases, when an urgent need arises, either of the Parties may demand, and the Parties undertake to hold, no later than 7 days from the date of such demand, an extraordinary discussion, in identical form to what is stated above in Section 6.2.1.

6.2.3 It should be emphasized that the meetings will take place in Israel unless the INP decides otherwise.

6.3 Progress inspections and resolution of defects in the course of the work

6.3.1 Representatives of the Police may, at any time and at any stage of performance of the work, in coordination with the Company, visit any site at which works are being carried out that involve/are connected with performance of the work and/or supervision of such performance.

6.3.2 In the event that the Police Representative discovers a fault, default, defect or discrepancy in performance of the work and/or that the Company is not performing its obligations either wholly or partially (hereinafter "Fault" or "Defect"), the Police Representative may take the following action:

- (a) Comment to the Company about the said Defect and demand a full report explaining the cause of the defect and outlining the plan for rectification thereof.
- (b) Disallow any accessories, materials, software, and anything that has been defined in the Specification or in one of the Contract Documents, which is, in the opinion of the Police Representative, not compatible with such definition.
- (c) Demand a total or partial halt in the work until the Faults and Defects have been rectified and all such adjustments have been carried out as required under this Contract and its appendices.

- 6.3.3 The Company shall examine the comments of the Police Representative and shall act in accordance with the aforementioned instructions until all the Faults and Defects have been rectified.
- 6.3.4 For the removal of doubt it is hereby clarified that actions that the Company is required to take under this section shall not release the Company from its obligation to complete the work, at its expense, according to the defined Schedule and to comply with its remaining obligations under this Agreement.
- 6.3.5 The contents of this section are not intended to derogate from the rights of the Police under this Agreement or under any law, and, without derogating from the generality of the foregoing, do not derogate from the rights of the Police to claim a breach of the Agreement, failure to meet the Schedule, or for any other relief available to the Police.
- 6.4 Acceptance Tests
- 6.4.1 The Company Representative shall notify the Police Representative of the completion of any stage in performance of the work that is ready for the tests specified in the Specifications and/or in any other approved work program. The tests shall be carried out in accordance with the test procedure defined in the Tender Documents or in accordance with a procedure that is subsequently prepared and approved by the Police.
- 6.4.2 Testing is conditional on approval of the Police for the commencement of such examinations after a survey on the preparedness for such tests has been conducted.
- 6.4.3 In so far the responsibility for performing the tests is imposed on Police Representatives, the Company shall make available to the Police Representative any equipment required for the tests and shall also assist with personnel in so far as is necessary.
- 6.5 Work at active Police installations and premises
- 6.5.1 Prior to commencement of works under this Agreement the Company shall examine the buildings and the sites of the work, in order to carry out the works in the best and most efficient manner, and no argument on its part shall be entertained with regard to incompatibility between the plan and the situation on site. The Company must also coordinate the work to the effect that existing systems and infrastructures at the site shall not be adversely affected (hereinafter: "the Existing Systems").
- 6.5.2 The Company shall, at its expense, take all such measures as are necessary to prevent any harm to the proper working order of the Existing Systems in the Police buildings and in the vicinity thereof. Any damage, if any, which has not been approved by the Police Representative in advance and in

writing shall be rectified by the Company and at its expense to the satisfaction of the Police.

- 6.5.3 The Company undertakes that neither it nor its employees or any person acting for and on its behalf shall cause any disturbance during regular working in the Police buildings either at the places at which it is working or in other areas, or alternatively the Company shall coordinate performance of the works so that any disturbance during the course of the work in the Police buildings shall be kept to a minimum, and all by prior coordination with the Police Representatives and with their approval.
- 6.5.4 The Company undertakes that the working areas shall be clean and shall be preserved upon completion of the work at any site at which work is being carried out and it undertakes to procure the removal of any waste material, packaging, dirt etc. from the working areas at the end of every day's work.
- 6.5.5 The Company undertakes to procure that whoever is working on its behalf in a Police installation shall comply with the working procedures at such site and shall strictly comply with existing instructions concerning security, safety and protection and which are necessary in such installation as well as any other provision concerning working arrangements as has been notified and/or shall be notified to the Company by the Police Representative.

7. TRANSFER OF OWNERSHIP AND RECEIPT OF THE SYSTEM:

- 7.1 The system shall only be deemed to have been accepted by the Police after it has actually been delivered to it and after confirmation of the Police Representative that the system has successfully passed all that acceptance tests required under this Agreement, hardware, and software, and all faults discovered during the reception examinations have been rectified.
- 7.2 In the event of the Police making full use of the system after completion of the acceptance test, for more than three months, without any special faults or breakdowns, this shall be deemed to be notification of confirmation that system having passed the tests pursuant to Section 7.1 above, even if explicit notice as aforesaid has not been issued.
- 7.3 A condition for acceptance of the system in accordance with this section is signature of an Source Code Escrow Agreement, as specified in Section 15.5.3 of this Agreement.
- 7.4 The ownership of the system and all its parts and components shall pass to the Police on the aforementioned date of acceptance, or upon transfer of possession of the system or any of its parts, whichever is the earlier.
- 7.5 Nothing by virtue of receipt and acceptance of the system shall derogate from the Company's liability to perform the works and fulfill its obligations which must be performed under this Agreement following acceptance of the system.

Additionally, nothing by virtue of receipt and acceptance of the system shall derogate from the rights of the Police to claim from and sue the Company for a breach of its obligations and failure to abide by the Schedule during performance of the work.

8. WARRANTY FOR THE SYSTEM AND PROVISION OF SERVICES:

8.1 Warranty

8.1.1 The Company is liable to the Police for the system for a period of 36 months from the date of its acceptance, as provided above in Section 7 (hereinafter: "the Warranty Period"). All such expenses as are entailed in performance of the Company's obligations in the warranty section in the Specification and in this Agreement, including provision of support and maintenance services during the warranty period, shall be deemed to have been included in the price of the system and the Police will not be required to make any additional payment in return for performance of these obligations on the part of the Company.

8.1.2 Nothing in this section shall derogate from the Company's warranty for the proper functioning of the system as required under any law and under this Agreement and/or shall not derogate from the Company's liability under Chapter 10, even subsequent to the Warranty Period.

8.2 Support and maintenance services

8.2.1 The Company undertakes to provide the Police with full maintenance and support services for all or part of the system, in accordance with what is specified in Appendices 1 and 2 (the Specifications and the Company's Bid) and in accordance with what is specified in Appendix 6 and for a period of at least 7 years from the end of the Warranty Period (hereinafter: "the Maintenance Period"), including the repair of any malfunction of any kind in the system, being either in the hardware or in the software, and irrespective of whether it stems from use by any Police personnel or stems from use by any other person, and irrespective of whether it arises from wear and tear or normal use or arises from an error in design and/or development, with the exception of malfunctions arising as a result of hostile action or deliberate sabotage by any Police personnel or as a result of an action of any Police personnel which has clearly been proved to be contrary to the Company's explicit written instructions, provided that they have been agreed by the Police.

8.2.2 The Company shall start providing the maintenance and support services immediately after receipt of a report or request of the Police Representative concerning the malfunction, subject to the principles defined in the Specifications and in Appendix 6. The Company shall rectify any fault in the most expeditious and efficient manner, including if it is necessary, modification to the design or development.

8.2.3 The maintenance and support services shall be provided by the Company by telephone or by modem hook-up or by visits of the Company's personnel to the relevant site, as necessary based on the nature of the malfunction, and in accordance with requirements of the Police and its needs and/or subject to field security restrictions, all with a view to providing the services efficiently, professionally and as quickly as possible. In any event, the right is reserved to the Police Representative to demand arrival of a Company technician at the relevant Police site, and the Company undertakes to comply with such demand after having attempted to solve the problem by telephone.

8.2.4 As part of the maintenance and support services the Company shall provide all such services, counseling, and assistance as are necessary for the operation of the system and rectification of faults pursuant to what is stated in the Maintenance Appendix - Appendix 6.

8.2.5 During the Warranty Period the services shall be provided under this section free of any additional payment and included in the price of the system. Commencing from the end of the Warranty Period the services shall be provided against payment of the consideration stated in Appendix 2 (the Company's bid), and subject to the Consideration Appendix, and to the provisions of this Agreement.

8.3 Maintenance and support other than through the Company

8.3.1 The Company undertakes to provide the support and maintenance services for a period of 7 years from the end of the Warranty Period provided that nothing by virtue thereof constitutes a commitment by the Police to purchasing such services and use them during such period, either wholly or partially.

8.3.2 The Police may receive some or all of such services from any other source, in addition to and/or instead of from the Company. For such purpose and without this being deemed to derogate from the rights of the Police under this Agreement and under any law, the Police may make any use of the system, the documentation, and the training materials, including transfer to a third party, and introduce any change or addition at its discretion and the Company shall have no argument or claim in relation thereto.

8.3.3 It is agreed that the Company shall not be liable for modifications made to the system by others without previous coordination with it provided that this reservation shall not apply to reasonable use and reasonable actions that are performed in the system.

8.3.4 Nothing in this sub-section shall be deemed to enable and/or permit the Police to make any use of and/or make any modification in the system when such an act constitutes an infringement of copyright or property rights of the Company that have not been assigned to the Police under this Agreement.

8.3.5 Where the Police has decided not to contract with the Company in accordance with its right under Section 8.3.1 above, and has decided thereafter to contract again with the Company for the purpose of the provision of maintenance and support services, within the maintenance period, the Company may require the Police to pay in accordance with the principle prescribed below in Section 8.4.3, in order to bring the system to a state in which the Company can continue providing support and maintenance services at the same standard that would have existed had it been providing such services continuously. In any event such payment shall not exceed the cost of full and continuous maintenance for the entire period.

8.4 Basic Services

8.4.1 Without derogating from the foregoing and also where the Police decides in the future not to contract with the Company for the provision of maintenance and support services, whether fully or partially, the Company undertakes to supply to the Police according to its needs and subject to the specific order, basic services and spare parts that are necessary for the normal working operation of the system for a period of at least 15 years and, without derogating from the generality of the foregoing, the following subjects:.

- (a) Repair of malfunctions and breaks or faults, items, assemblies and accessories;
- (b) Assistance of experts in locating problems and faults;
- (c) Offer of software editions, versions, modifications, and improvements in the system;
- (d) Sale of spare parts

8.4.2 For the purpose of performing its obligation under this section, the Company undertakes to retain a copy of the original documentary material of the system.

8.4.3 Prices of the services under this section, in so far as they are ordered without the maintenance and support services provided by the Company, shall be determined in accordance with the provisions of this Agreement and its appendices, or according to the Company's price list in force at that time for preferred customers or government organizations, including security-related organizations, or according to negotiations to be conducted between the Parties, whichever the lower.

8.5 Training Services

8.5.1 The Company undertakes to provide training services for users pursuant to the appendices of this Agreement and Police requirements. Training services shall not be provided without advance written approval of the Police Representative or whoever is duly authorized for such purpose on his behalf.

8.5.2 Fees for training services that are not included in the price of the system, or in the price of support and maintenance services as required in the Specification, shall be in accordance with the Consideration Appendix.

8.5.3 The Company undertakes to supply technical literature and a user manual to all system users, in accordance with the Specification's requirements and as necessary for the ordinary operation of the system. Such literature shall be delivered to the Police in respect of each individual part of the system, upon its activation or the start of its use by the Police.

8.6 General

8.6.1 It is hereby clarified that the system shall be operated continuously on every day of the year. The Company must be prepared to and shall take all such steps as are necessary in order to assure provision of the services under this section to guarantee the continuous operation thereof as aforesaid.

8.6.2 Continuation of provision of services under this section is a material term of the Agreement and a breach thereof shall constitute a material breach of the Agreement.

8.6.3 For the removal of doubt it is hereby clarified that the Company's obligation to provide services under this section also applies if some services and/or some hardware and/or software and/or works specified in this Agreement have been supplied by other suppliers and/or contractors.

9. MODIFICATIONS AND DEVELOPMENT SERVICES:

9.1 The Company undertakes to make modifications and provide development services for the system pursuant to the provisions of this Section.

9.2 "System Modification" in this section, means: a modification and/or modifications to the system and/or in any item of it and/or in definition of the work that is to be carried out, whether prior to or following acceptance of the system, including continuous development of the system and/or components connected with the system which is not included in definitions of the system or the work under this Agreement and its appendices, including as part of the support and maintenance services pursuant to Section 8 above.

9.3 Modifications initiated by the Police

- 9.3.1 At any time during the term of the Agreement the Police may require the Company to make a modification to the system. Such demand for a modification shall be submitted by the Police in writing and signed by the Police Representative.
- 9.3.2 Within 7 working days - and in the case of a substantive modification - within 20 working days, from the date of receipt of the request for such modification, the Company shall submit a proposal for making the modification. If the Company is unable to submit a proposal for making the modification within the said period, the Company shall define the final date for submission of said proposal in coordination with the Police Representative.
- 9.3.3 The proposal shall specify:
- (a) The nature and the implications of the modification to system operations.
 - (b) Dates of delivery and duration of work, including a detailed schedule, and implications on the existing timetable;
 - (c) Cost of the proposed modification with a detailed breakdown of the aforesaid cost, in reference to the proposed modification regarding all its stages and components;
 - (d) The actions that the Police must take for the purpose of implementing the modification;
 - (e) The possible implications of the modification, if any;
- 9.3.4 Where the Company has found that it cannot make the modification as requested it shall so notify the Police within 7 days from the date of receipt of the request and shall state the reasons for its inability.
- 9.3.5 For the removal of doubt it is hereby clarified that examination and preparation of such a proposal shall not be a ground for any delay in or suspension of performance of the work in accordance with the prescribed schedule, unless the Police Representative has given a written instruction to suspend or delay the work. In any case of an instruction for a suspension in work or delay as aforesaid, the schedule shall be amended appropriately.
- 9.3.6 Where the Police have decided, after examining the proposal, to accept and implement the modification or any part thereof, the Police shall so notify the Company and shall confirm execution of the modification in writing, pursuant to such terms as shall be agreed between both Parties subject to the provisions of Section 9.5 hereinafter.

9.4 Modifications Initiated by the Company

- 9.4.1 The Company can propose a modification at any time. Such modification shall be executed only pursuant to advance and written approval of the Police Representative and pursuant to the provisions stated below.
- 9.4.2 The Company shall submit its proposal pursuant to Section 9.3.3 above.
- 9.4.3 The Company may not implement any modification and/or replace items, assemblies, accessories or software that were defined in the original bid, other than in accordance with the modification procedure provided in this section.
- 9.4.4 Where the Police have decided, after examination of the proposal, to approve execution of a modification or part of it, the Police shall issue an instruction to that effect as provided above in Section 9.3.6. All the provisions in relation to the manner of execution, delays/cessation in work due to execution of the modification shall also apply to modifications initiated by the Company.
- 9.5 Payment for modifications and development services
- 9.5.1 The consideration for services under this section shall be determined in accordance with the prices quoted in the Consideration Appendix and/or in accordance with the mechanism stipulated in Section 8.4.3 of this Agreement.
- 9.5.2 No payment shall be made in respect of preparation of a proposal or any action performed by the Company under Sections 9.3 and 9.4 above.
- 9.5.3 For the removal of doubt it is hereby clarified that the Company will not be entitled to any additional payment for services provided pursuant to this section, unless explicitly stated in a written Purchase Order signed by the authorized signatories of the Police, issued prior to commencement of the execution of the modification.
- 9.5.4 It should be also emphasized that neither shall the Company be entitled to any additional payment in respect of modifications that it is required to make as part of maintenance, repair and/or any other service that is entailed by the remaining provisions of this Agreement or the Specifications.
- 9.6 It is hereby clarified that any instruction to execute any modification shall not be deemed to derogate from the Company's obligation under this Agreement unless otherwise explicitly agreed in writing and signed by the duly authorized representative of the Police.
- 9.7 For the purpose of providing services under this section, the Company undertakes to maintain for the Police and store, at its expense, all the data, documentation and information accumulated in the course of the execution of the works and which are necessary for provision of the aforementioned services.

- 9.8 The Company undertakes to provide the services under this section by its most professionally qualified and skilled employees to ensure the quality and speed of the said service. For such purpose, to provide such services and implement such modification, the Company undertakes to make available to the Police those of its representatives who are familiar with the system and who have acquired the maximum experience.
- 9.9 It is hereby clarified that the Police does not commit itself to purchasing services from the Company under this section and it may perform development work by itself with the assistance of the Company or of any other third party. For such purpose the Company shall forward to the Police all the necessary documentation, literature and instruction, subject to the rights of the Police under Section 15 below (Copyright).
- 9.10 The provisions of this Agreement shall apply *mutatis mutandis*, to implementation of modifications and to the results thereof, including provisions as inspections, acceptance, support services, and training concerning modifications.

10. LIABILITY FOR DAMAGES, INDEMNIFICATION, AND INSURANCE

- 10.1 Until acceptance of the system by the Police as provided above in Section 7, the Company shall be exclusively liable for any damage of any kind of damage or malfunction that might be caused to the system for any reason, and to any of its items and parts. However, if the damage was caused when the system or that part of it that suffered damage was in possession of the Police or the damage was caused through the fault of a member of the Police personnel, the Company shall not be liable for damage other than subject to its general liability towards the Police under Section 10.2 below.

10.2 Liability in torts

- 10.2.1 The Company shall be liable for any expense, loss, or damage of any kind that is caused directly or indirectly to the property and/or rights of the Police and/or any third party as a result of defective and/or negligent execution of the work, and/or as a result of a breach of the Company's obligations under this Agreement.
- 10.2.2 In any event, the Company shall be liable for any damage of any kind that is caused directly or indirectly to any of the Company's employees or those working on its behalf in the context of this Agreement who are injured as a result of the performance of the work under this Agreement.
- 10.3 The Company undertakes to compensate the Police for any loss, deficiency, expense or damage of whatever nature that might be caused to it and which the Company is liable to pay under this section. The Company further undertakes to indemnify the Police in any case in which it is sued by a third party for a

payment which should have been made by the Company, immediately following demand by the Police.

- 10.4 The Police undertake to notify the Company of the occurrence of such damage and/or of any claim for which the Company is liable, shortly after the Police having become aware of such damage or claim. The Police shall permit the Company to examine and scrutinize documents that are relevant to the occurrence of the damage and the circumstances of the event, subject to any law.
- 10.5 The Company undertakes to insure itself in respect of its liability under this Agreement and against all such risks stemming there from, in a policy whose terms shall not be less than what is provided in Appendix 8, and to furnish the Police with a copy of the insurance policy. The Company undertakes to renew the insurance policy throughout the term of the Agreement and to forward a copy of the renewed policy to the Israel Police.

11. **GUARANTEES:**

11.1 Guarantee for advance payments

11.1.1 Any amount that is to be paid to the Company as an advance payment prior to the work or part of it being carried out, shall be paid subject to the furnishing of an unconditional bank guarantee from a bank in Israel in the amount of such advance payment.

11.1.2 The guarantee in respect of such advance payments shall be valid until the date of completion of the work and approval by the Police, or until such other date as shall be agreed between the parties.

11.2 Performance bond

11.2.1 Simultaneously with signature of this Agreement the Company shall furnish the Police with an unconditional bank guarantee - performance bond in favor of the Police from a bank in Israel. The bond shall be for an amount equal to 5% of the amount of the annual estimated consideration in respect of performance of the work. The bond shall be valid until 2 months after the expiration of the Warranty Period pursuant to Section 8.1.1 above.

11.2.2 Immediately upon expiration of the Warranty, the Company undertakes to furnish the Police with a performance bond, as aforesaid, amounting to 10% of the amount of the bond under Section 11.2.1 above. The guarantee under this sub-section shall be valid for a period of a year and shall be extended annually subject to the continued provision of support and maintenance services by the Company pursuant to this Agreement.

11.2.3 In the case of additional work order under Section 9 above, the Police will be entitled to demand, and the Company undertakes to provide, a bank guarantee as aforesaid, in the amount of 5% the estimated

consideration for the additional work, in addition to the guarantees defined above.

- 11.3 In any case in which the work is not performed in the manner required under this Agreement and in the Specifications to the satisfaction of the Police, and also in any other case in which the Company fails to meet its obligations under this Agreement, and/or a case in which it is committed to making a payment to the Police under the provisions of this Agreement, the Police may at its discretion exercise some or all of the aforementioned guarantees and recover such moneys as are due to it under this Agreement and under any law.
- 11.4 The guarantees shall be in the form appearing in Appendix 4 to this Agreement. The expenses entailed in the issue of the guarantees under this section shall be borne by the Company.
- 11.5 For the removal of doubt, the amount of the guarantees shall not be deemed a limit or ceiling upon the Company's obligations or its liability under this Agreement. Nothing in the exercise of the guarantee shall derogate from the Company's liability and/or from the remedies available to the Police under this Agreement and under any law and neither shall the exercise of the guarantees constitute rescission of the agreement by the Police.

12. REMEDIES FOR BREACH OF CONTRACT/RESCISSION OF THE AGREEMENT

- 12.1 Sections 3, 4, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, and 17 constitute material terms, and any breach thereof constitutes a material breach of the Agreement.
- 12.2 In any case in which the Company has not performed any obligation under this Agreement, the Police may, after due written warning (unless the matter does not brook any delay) perform work itself or through others and for such purpose, use materials, equipment, installations, instruction and documentation material - including the original documentation - that are in its possession. In such a case the Company shall be liable for payment to the Police for all the expenses so incurred, as shall be proved by the Police.
- 12.3 Where the Police has found that the work or part of it has not been performed to its satisfaction or pursuant to the provisions of this Agreement, the Police will be entitled to withhold payment of the consideration for such part.
- 12.4 Penalties for defaults
- 12.4.1 In respect of defaults and delays in performing the work according to the Schedule prescribed in the work program - according to the Specifications and/or program of work approved by the Police - the Company shall be charged with payment of liquidated default penalties as specified hereunder:

- (a) For a delay in completing a milestone and/or delivering products and/or services - measured in weekly terms - the Company shall incur a penalty of NIS 6,000 for each week of delay, or any part of a week.
- (b) For a delay in completing a milestone and/or delivering products and/or services - measured in weekly terms - the Company shall incur a penalty of NIS 3,000 for every day of delay or any part of a day.
- (c) For a delay in providing a service measured in hours or minutes, the Company shall incur a penalty of NIS 1,000 for each hour of delay or any part of an hour.

12.4.2 For the removal of doubt it should be clarified that the aforementioned penalties are liquidated damages, and the Police will not be required to indicate or to prove actual damage in a case in which it seeks to penalize the Company pursuant to such liquidated damages.

12.4.3 Penalties under this section shall not be construed as derogating from any right available to the Police under this Agreement or under any law.

12.4.4 Any delay in performance and/or lateness and/or default caused through the fault of the Police shall not be deemed a delay on the part of the Company, and the performance dates under this Agreement shall be extended according to any delay for which the Police is responsible.

13. TERMINATION OF THE AGREEMENT OTHER THAN BY REASON OF ITS BREACH:

13.1 Release of the Police from the Agreement

13.1.1 The Police may at any time, out of budgetary or operational considerations, terminate the Agreement or part of it, prior to completion of its performance and other than by reason of its breach by the Company, by sending notice of termination to the Company at least 30 days prior to the date of termination, subject to the principles set forth in this section. In exceptional circumstances the police may terminate the Agreement and/or part of it without such early notice, provided that the Inspector General of Police has approved such termination. The Company shall proceed immediately in accordance with the provisions contained in the notice of termination.

13.1.2 Where the Police have exercised its right under this section, the Company shall forthwith cease any action which causes the incurring of costs unless the Police have requested the performance of certain action, in a written request by the Police in advance.

13.1.3 Where the Police have exercised its right under this section, the following provisions shall apply to the Company:

- (a) In respect of work that has been performed, or equipment supplied to the Police pursuant to any order up to the date of the notice of termination, the Police will pay the Company the price stated in the order, or if a separate price has been prescribed for every component, the proportionate price of the work performed or the equipment actually supplied.
- (b) Apart from the foregoing in subsection (a), the Police shall pay any direct costs incurred by the Company up to the date of the notice of termination in performing the order or fulfilling the obligations of the Police under this Agreement, provided that such costs shall be proved to the Police by the Company. In this section, "costs" means financial expenses incurred by the Company in respect of the reasonable obligations which it has assumed in respect of the purchase order or this Agreement, and which it is unable to cancel, provided that the Company has made its best effort to reduce such obligations and to mitigate the damage arising from rescission of this Agreement.
- (c) The Company shall not be entitled to any additional payment or compensation as a result of termination under this section, other than the payments detailed above.

13.1.4 Where the Police have exercised its right under this section, the Company shall notify the Police within 30 days of the date of the notice of termination of anything paid on behalf of the Police in performing this Agreement, including documentation of the system.

13.2 Force Majeure

13.2.1 Where a breach of contract has occurred in the circumstances enumerated in Section 18(a) of the Contracts Law (Remedies for Breach of Contract) 5731 -1970 (hereinafter: "*force majeure*") the parties shall proceed in the following manner:

- (a) Each party shall notify the other immediately upon it becoming aware of the existence of a *force majeure* affecting the performance of its obligations. Each party shall be bound to prove to the other that a delay or failure to perform has occurred as a result of the occurrence of a *force majeure* and that it has taken all such steps as are reasonably possible in order to reduce and minimize the effect of such event on performance of the Agreement, listing details of the measures taken as aforesaid.
- (b) In any case in which a delay is caused in performance which exceeds three months or a failure to carry out the works necessary

under this Agreement as a result of the intervention of *force majeure*, either party shall be entitled to terminate this Agreement or part of it by sending notice of termination. Upon termination as aforesaid the foregoing, provisions of Section 13.1.3 shall apply.

- (c) Where neither the Agreement nor any part of it has been terminated as aforesaid, or the *force majeure* has ceased prior to the expiration of three months, the Schedule of the Agreement or the non-terminated part of it affected by the delay, shall be deferred in accordance with the amount of time of the delay caused by the *force majeure*.

13.2.2 Both Parties agree that *force majeure*, as such is defined above in Section 13.2.1, does not include reserve service of employees not within the context of a state of war or general mobilization and neither does it include difficulties in obtaining professional personnel.

13.2.3 Where a *force majeure* has occurred, the Parties shall not be liable for any damages in respect of a breach of the Agreement arising from it.

14. TERM OF THE AGREEMENT:

- 14.1 This Agreement shall be for a period of three years from the date of its signature.
- 14.2 The right is reserved to the Police to extend the Agreement, wholly or partially, each year, for up to seven further years, subject to approval by the authorized signatories on behalf of the Police. Any extension beyond the said period shall require approval of the INP Tender Committee. "Extension" in this section means - an extension for such specific period as shall be prescribed and for at least three months.
- 14.3 The Company undertakes to enter into a contract with the Police for an extension of the agreement as aforesaid.
- 14.4 Nothing in the contents of this section shall derogate from the Company's obligations under this Agreement, that continue beyond the term of the Agreement.

15. RIGHTS AND DOCUMENTATION OF THE SYSTEM:

- 15.1 The Company declares and undertakes to act in the context of this Agreement to the effect that all the design components, software, hardware, concepts and any work performed shall not be of such a nature as might give rise to any claim against the Police due to infringement of the copyright of a third party or another infringement of any rights of a third party.
- 15.2 Any claim against the Police concerning the above mentioned matters shall be forwarded to the Company, and the Company will bear the expenses and

consequences arising from it, and the Company shall indemnify the Police for all such expenses and damages caused to it as a result of any claim in relation to these matters. The provisions of Section 10 of this Agreement shall also apply to damage pursuant to this section.

- 15.3 It is hereby clarified that the rights to the system which the Police is purchasing from the Company within the framework of this Agreement, and without prejudice to the rights vested in the Police by law and under this Agreement, are rights of use that are unlimited in time or purpose (except for a commercial purpose) and include the right to modify, reproduce, deliver to a third party for receipt of services, and to take any action which the Police deems appropriate in the system and ancillary products and documentation, and the Company shall have no claim in relation thereto.

15.4 Intellectual Property Rights

15.4.1 The Parties hereby agree that any invention, patent or any intellectual or tangible property created in the course of and as a result of the work under this Agreement and/or any part of the system developed for the Police under this Agreement and/or any information and/or document and/or plan and/or concepts and/or photographs and/or drawings and/or copies that may be created, developed, designed, or produced in the course of the work or in connection with it, or as a result of it (hereinafter: "Rights of the Police") shall be in the exclusive ownership of the Police and the Police shall have the rights of use and/or development and shall be the owner of the copyright and/or such use and/or any rights without time limit and without the need to obtain the Company's authority. The Police shall have the right to exercise the rights of the Police as aforementioned, to take possession of all the documentation including the source code, to introduce any modification thereto, to use it as it deems appropriate at its discretion, either itself or through others, including for the purpose of manufacture, development, sale and/or in respect of any contract with a third party, and the Company shall have no property or other right to the Rights of the Police under this section and shall have no argument or claim available to it in relation thereto.

15.4.2 Without derogating from the foregoing, if the Company wishes to make use, purchase, transfer, or sell any right of the Police as aforementioned, other than in the context of its work and its obligations under this Agreement, the Company may not so act until after it has fulfilled the following conditions:

- (a) The Police Representative has given written approval in advance;
- (b) It has made a payment respect of such consent, to the Police or to whomever the Police shall instruct the Company, in such amount and on such terms as shall be prescribed;

15.4.3 Nothing in this sub-section shall derogate from and/or prejudice any intellectual property right relating to the system in the possession of the Company or any party on its behalf prior to performance of this Agreement and/or which comes into the Company's possession other than in connection with this Agreement.

15.5 Documentation of the System:

15.5.1 A copy of the Source Code of the system and/or of any of its parts and/or any component - hardware or software - that is created during the course of development and/or manufacture of the system and/or in the course of the works under this Agreement shall be transferred to the Police together with the system.

15.5.2 A copy of the system source code or of any of its parts and of any component included in it which is essential for operation of the system, which belongs to the Company and was in its possession prior to execution of this Agreement or which came into its possession other than in connection with this Agreement, shall be deposited in escrow with an Attorney - a Trustee of the Company - who is also acceptable to the Police.

15.5.3 An Agreement relating to source code escrow shall be signed between the Company, the Trustee, and the Police and shall be in the form attached to this Agreement as Appendix 7. Signature of the Agreement pursuant to this section is a condition for acceptance of the system by the Police.

15.5.4 Delivery of the Source Code to the Police, in accordance with the aforementioned escrow agreement, shall not confer on the Police any proprietary rights to such code and/or rights embodied in it. The purpose of such deposit and delivery of the source code to the Police is to facilitate the continuous regular operation of the system. The Company may at any time, even after delivery of the source code to the Police as aforesaid, make any use of and/or modification of any kind in the system or in the source code. Neither the Police and/or any person on its behalf shall have any right to make any commercial use of such source code, and neither shall it take any action with it other than for the regular and continuous operation of the system either by itself or through others.

16. NON-DISCLOSURE AND FIELD SECURITY:

16.1 The Company undertakes that it and any of its employees and/or any sub-contractor or any organization that works on its behalf in connection with performance of this Agreement shall maintain confidentiality of and shall not transfer, notify, deliver or bring to the attention of any person, any information and any document which comes into their possession incidentally or in connection with performance of this Agreement.

- 16.2 The aforementioned duty of non-disclosure shall not apply to the following information:
- 16.2.1 Information within the public domain;
 - 16.2.2 Information obtained or developed independently by the Company without the use of information obtained incidentally to this Agreement;
 - 16.2.3 Information received by the Company from a third party and to which the duty of non-disclosure does not apply;
 - 16.2.4 Information which was in the Company's possession prior to signature of this Agreement and to which the duty of non-disclosure does not apply;
- 16.3 The Company undertakes to bring to the attention of its employees that any breach of the provisions of this section might constitute an offense under Section 118 of the Israel Penal Law (5737 1977) (hereinafter: "the Law").
- 16.4 The Company declares that official documents have been delivered into its possession as part of this Agreement on the explicit condition that it must preserve the confidentiality thereof. The Company is aware in this connection of the provisions of Section 119 of the Law.
- 16.5 The Company undertakes to ensure compliance with the duty of non-disclosure as detailed above by the Company and to all those employed by it and/or all those who shall in the future be working on its behalf, even after expiration of the term of the contract pursuant to this Agreement, and the Company undertakes to procure the signatures of every employee and/or person working on its behalf in performing the work under this Agreement, on a non-disclosure declaration in the form attached hereto as Appendix 5 and to forward it to the Police no later than 7 days of the date of signature of the Agreement.
- 16.6 The Company declares that it is aware that access to Police installations involves appropriate approval, and it undertakes to arrange entry approvals for its employees into the Police installations. In any case in which the entry of a Company employee is not approved by the Police, the Company shall ensure that he is replaced by another employee
- 16.7 The Company declares that it is aware that a condition for acceptance of and performance of the work under this Agreement is receipt of security clearances approved by the competent authorities in the Israel Police, in respect of the Company, its subcontractors, and whoever shall be engaged on its behalf in performing this Agreement. The Company undertakes to verify that only persons who have received such security clearances are engaged by it or on its behalf in performing this Agreement.
- 16.8 The Company shall forward in advance a list of names of the employees and/or organizations that will be involved on its behalf with the performance of this Agreement, including their identity numbers, and shall update the list at any

time when any change occurs in it. The Company further declares that it is aware of and agrees that the Police may replace an employee at anytime for field security reasons and the Company undertakes to do so immediately after it is requested to do so.

17. ASSIGNMENT OF THE AGREEMENT AND ACTIVITY OF SUB-CONTRACTORS

17.1 The Company may not assign this Agreement or any part of it, nor may it transfer or deliver to any other Party any right under the Agreement without the written agreement of the Police in advance, subject to the conditions attached to such Agreement. The provisions of this section shall not apply to the operation of sub-contractors that have been defined in advance in the Company's Bid or whose engagement has been approved by the Police in advance and in writing.

17.2 In the case of the operation of sub-contractors as provided above in Section 17.1, the Police may refer to the Company and/or to the sub-contractor, as it chooses, in relation to any matter connected with such activity. The Company shall bear full responsibility for all activities of sub-contractors including on the subject of quality of the work, Schedule, damage, breaches and any other matter for which the Company is responsible in connection with the work under this Agreement.

17.3 It is hereby clarified that any merger of the Company or its acquisition by another Company, the outcome of which is a transfer of obligations and tasks assigned to the Company under this Agreement, to the acquiring company or to the absorbing company, as such is defined in the Israeli Companies Law 5759-1999, shall require the written approval of the Police in advance, pursuant to the provisions of Section 17.1 above, and shall be deemed a transfer of the Agreement in all respects. If the Police does not approve such a transfer of the Agreement, such merger and/or acquisition shall be deemed liquidation of the Company, and the provisions of Section 19.9 of this Agreement shall apply.

18. JURISDICTION

18.1 Exclusive jurisdiction in all substantive matters pertaining to and connected with and arising from this contract shall lie with the competent Court in Tel Aviv and with no other Court.

18.2 This Agreement and all matters pertaining to it shall be governed by Israeli Law and that alone.

19. MISCELLANEOUS

19.1 Names and headings of sections of the Agreement do not constitute part of the body of the Agreement, shall not be used in its interpretation, and do not derogate from the generality of the sections.

- 19.2 Where a Party has not exercised a right vested in it under this Agreement and under any law, this shall not be deemed to be a waiver of such right, unless otherwise explicitly stated.
- 19.3 Obligations that the Parties undertake toward each other, whether under this Agreement or by virtue of another transaction, may be set off.
- 19.4 The Company hereby waives the right of lien over assets of the Police of any kind that are in the Company's possession, arising in its favor under any law because of failure to pay or due to failure by the Police to comply with the terms of the Agreement.
- 19.5 This Agreement cancels and replaces all previous correspondence or negotiations or agreements, unless explicitly attached in writing to this Agreement. Any amendment to the Agreement or in its terms and/or specifications in accordance with the contract appendices, whether in writing or verbal or by conduct, shall not be valid and binding unless made in writing and signed by the competent and duly authorized parties in accordance with this Agreement.
- 19.6 Any relief prescribed under this Agreement shall not be deemed to derogate from the right of such party to any further or other relief under this Agreement or under any law, other than if otherwise stipulated in this Agreement.
- 19.7 Where a claim has been made against a party to the Agreement for payment to a third party and which is the liability of the other party, the recipient of the claim shall forward it to the other party and such party shall be responsible for and deal with the claim and shall pay all such expenses as are entailed in and arising from it.
- 19.8 All transportation of parts of the system, literature, documentation and any other component which the Company is to supply to the Police under this Agreement shall only be deemed to have been supplied after delivery to the Police Representative on the Police site for which it is intended, as demanded by the Police, and that it has confirmed in writing as having been received. All expenses of such transportation, delivery, and installation shall be at the expense of the Company.
- 19.9 Without prejudice to the other provision of the Agreement and with derogating from any relief available to the Police either under this Agreement or under the provisions of any law, in the event that a liquidation order and/or a temporary liquidation order and/or a receiving order and/or a temporary receiving order is issued against the Company, then the Police may rescind the Agreement forthwith without advance notice, and it may withhold and/or set off moneys due to the Company and exercise securities and/or guarantees and withhold any asset belonging to the Company. In addition, the Police may, upon the occurrence of one of the events aforementioned in this section, take possession of the source code of the system pursuant to the provisions of Section 15.5.3

above and subject to the terms of the escrow agreement that is to be signed pursuant to it.

19.10 Expenses of stamping this Agreement shall be borne by the Company.

19.11 The Parties' addresses for the purposes of this Agreement shall be as detailed below and any notice that is sent by one party to the other shall be deemed to have arrived at its destination within 10 days from the date of its delivery for dispatch by registered mail in a Post Office in Israel:

The Police _____

The Company_____

The date of signature of this Agreement is the date of signature of the last of the authorized signatories of the Agreement.

AND IN WITNESS WHEREOF THE PARTIES HAVE SIGNED

_____	_____	_____	_____
Date	The Company	Date	The Police

Appendix 4 to the Agreement**FORM OF BANK GUARANTEE**

To
The Israel Police

Re: **Guarantee No:** _____

At the request of _____ (hereinafter: "the Debtor") we hereby guarantee to you the payment of any amount up to a total of _____ (in words: _____) which shall be linked to _____ from _____ [date] and if you should in the future demand said payment from the Debtor in connection with an Agreement between the Israel Police and Debtor dated _____, we shall remit such sum to you within 7 days from the date of receipt of your first written demand, without you having to give reasons for your demand and without raising any defense argument against you which the Debtor is able to raise in connection with the liability to you, or to demand that you first demand payment of the said sum from the Debtor.

This guarantee shall remain in force until the _____ day of _____ inclusive. A demand pursuant to this guarantee shall be addressed to the address of the Bank branch at _____. This guarantee is not transferable.

Date: _____

Signature and Rubber Stamp Seal of the Bank: _____

Appendix 5 to the Agreement**NON-DISCLOSURE AGREEMENT**

I _____, bearer of Identity Card No. _____, employee of _____ Company (hereinafter: "the Company"), hereby declare and undertake to the Israel Police and to the Company:

1. Not to reveal, show or deliver, either during the period of my employment in the Company and/or by it, or subsequently, to any person and/or organization, any secrets, either of a commercial or operational nature, and/or any information relating to the Police in general and in relation to the contractual agreement concerning _____ in particular, or any information directly or indirectly connected with the property, business affairs, customers, suppliers of the Police and such persons or bodies with whom it comes into contact, including but without derogating from the generality of the foregoing, matters concerning research and development of the Police, manufacturing methods, information, processes, calculations, contract terms, drawings and documents, and this irrespective of whether such secrets and information had reached me as a result of my employment in the Company and/or in provision of services to the Police or have come to my knowledge in any other way.
2. Not to make any use of such aforementioned information other than for the purposes of performing the work that is the subject of the aforementioned agreement.
3. I am aware that failure to perform the obligations towards the Police pursuant to this declaration constitutes an offense under the Penal Law 5737-1977.
4. I am aware that transfer of information to any person and in any way as provided in Section 1 and 2, without written approval from the Police, is likely to cause significant economic and/or operational damage to the Police.
5. I am unaware of any conflict of interests, possible or actual, between my work as part of the _____ project and my work with the Company or any other existing commitment that I have, and I undertake to give immediate and written notice thereof to the Police should I become aware of any such conflict.
6. This undertaking shall also continue to apply after expiration of the term of the said Agreement.

Name of the Employee: _____ Signature: _____
Date: _____

Name of the Company: _____
Signature of the Company: _____

Appendix 6 to the Agreement**SOURCE CODE ESCROW AGREEMENT**

An agreement for the deposit in escrow of the source code of the system that is the subject of the Agreement, in the form set out below in this Appendix, shall be signed between the Company and a Trustee who shall be appointed by it, and the Police and with its agreement, and its signature shall constitute a condition for acceptance and receipt of the system by the Police.

The form of Agreement below constitutes an outline of the binding conditions from the standpoint of the Police. These may be supplemented or amended, provided that such modifications do not derogate from the rights of the Police defined in the format set out below and/or in the conditions contained in the body of the Agreement.

AN AGREEMENT

BY AND BETWEEN _____ (hereinafter "the Company")
of the First Part

AND _____ (hereinafter "the Trustee")
of the Second Part

AND The Israel Police (hereinafter "the Police") of the Third Part

1. **Definitions:**

"The System" - as such is defined in the Agreement between the Israel Police and the Company dated _____ (Appendix 1 to this Agreement).

"The Deposited Code" or "the Documentation" - the original source code of the system/the following parts of the system: _____, as well as any source codes regarding advanced releases, subsequent developments, and improvements introduced into the system or in part of it and which have been supplied to the Police and in respect of which the Documentation has been deposited.

"The Purchase Agreement" - the Agreement between the Police and the Company dated _____ on the subject of _____.

2. The Purchase Agreement shall constitute an appendix to this Contract and its provisions in so far as they are relevant to the Parties under this Contract, shall bind the Parties to this Agreement.

3. **The Escrow:**

- 3.1 The Company hereby deposits the Documentation with the Trustee in escrow. The Documentation is being deposited both on magnetic media and in the form of a written and printed list.
- 3.2 It is hereby clarified that the Police may check the compatibility of the deposited material with the Police requirements in the Agreement contained in the Purchase Agreement (Appendix 1 to this Agreement).
- 3.3 The Company shall update the deposited Documentation from time to time as required in accordance with updating the system and/or any of its individual parts in order to meet the requirements of this Agreement.
- 4. Payment to the Trustee shall be made by the Company and shall be the sum of _____, on the following terms of payment_____.
- 5. Delivery of the deposited documentation to the Police: Upon the occurrence of one of the events detailed below in this section, the Trustee shall deliver the deposited documentation to the Police within 14 days of the date of its written demand:
 - 5.1 The Company has commenced liquidation proceedings, either voluntary or involuntary.
 - 5.2 A temporary or permanent Receiver has been appointed for the Company.
 - 5.3 The Company is unable to continue providing a service and performing the work for the Police pursuant to its obligation under the provisions of the Purchase Agreement (Appendix 1 to this Agreement).
 - 5.4 Rescission of the Purchase Agreement by the Company other than by reason of a breach of the Agreement by the Police.
- 6. Confirmation of the occurrence of any event detailed above in Section 5, should be signed by a duly authorized representative of the Company for such purpose or by certification of a Police Officer of the rank of Deputy Commissioner or higher, and shall obligate the Trustee to deliver the documentation as aforesaid, after having reasonably examined the occurrence of the alleged event.

Signatures:

The Company _____ Date _____

The Trustee _____ Date _____

The Police _____ Date _____

APPENDIX 0.7.5**Insurance Appendix****AFIS System Purchase and Maintenance – Required Insurance Coverage****Insurance**

The Company undertakes to purchase all the following insurance coverage, containing all the coverage and terms required and whose limits of liability do not fall below those stated below, in favor of the Company and the State of Israel – INP, and to present them to the INP:

A. Employer's Liability Insurance

1. The Company will insure its lawful liability to its employees under an employer liability insurance policy in effect in the entire State of Israel and Occupied Territories.
2. Limits of liability will not be less than USD 5,000,000 per employee, per event, and per year.
3. The insurance will be extended to cover the insured's liability towards contractors, sub-contractors, and their respective employees shall be considered employees of the insured.
4. The insurance will be extended to indemnify the State of Israel – INP, in the event of any claim against the State of Israel – INP in respect of alleged employer's liability toward any employee of the Company, contractor, sub-contractor, or employee thereof, in the event of a work accident including any type of professional illness.

B. Third party insurance

1. The Company will insure its lawful liability under a third party liability insurance policy, under the laws of Israel, in respect to any injury or damage to property as a result of its actions within the boundaries of the State of Israel and the Occupied Territories.
2. The limit of liability shall not be less than USD 1,000,000 per event and insurance term.
3. The insurance policy will contain a cross-liability clause.
4. The insurance policy will be extended to cover the insured's liability toward third parties in respect of actions by contractors, sub-contractors, and their employees.
5. The property of the State of Israel shall be deemed third party property.
6. The insurance policy will be extended to cover the State of Israel – INP as far as such shall be deemed liable for the actions or omissions of the Company and any person acting on its behalf.

C. Combined product liability and professional indemnity policy for the software and hardware industry or electronic products and services errors or omissions and products liability insurance

1. The Company will insure its liability with all regards to development, installation, and maintenance of an AFIS system pursuant to a Tender/Agreement with the

- State of Israel – INP, under a combined product liability and professional indemnity insurance policy.
2. The policy will cover the liability of the Company, its employees, and anyone acting on its behalf –
 - (a) Concerning any professional act or omission – coverage in respect of breach of professional duty, error or omission, negligence or neglect;
 - (b) Liability for any product defect – coverage in respect of damage caused connected to products manufactured, developed, assembled, repaired, delivered, sold, distributed, or otherwise handled by the Company or any person acting on its behalf;
 - (c) Any actions of the Company, its employees and any person acting on its behalf, including development, installation, and maintenance;
 3. Limit of liability per event and per year shall not be less than USD 2,500,000; Extension of disclosure period – at least 12 months; cross liability.
 4. The insurance will be extended to indemnify the State of Israel – INP as far as they may be deemed liable for any act or omission of the Company or any person acting on its behalf.

D. General

The following terms will be included in all insurance policies:

1. “The State of Israel – Israel National Police” shall be added as an additional insured.
2. No reduction or cancellation of the insurance by any party will be valid unless notice is issued in writing at least 60 days in advance and sent by registered mail to the Comptroller of the INP.
3. The insurer waives any right of subrogation, claim, participation, or recourse to the State of Israel – INP or their employees, provided that the waiver does not apply in favor of any person who intentionally caused damage.
4. The Company and the Company alone is liable toward the insurer for payment of the insurance policy premiums and fulfillment of all the duties imposed on the insured under the terms of the policies.
5. Co-payment stated in each policy shall apply solely to the Company.
6. Any clause in the insurance policy that reduces or cancels in any manner the insurer’s liability in the event that a second insurance policy exists, shall not apply to the State of Israel-INP, and this insurance is deemed primary insurance that confers all the rights under the insurance policies.
7. The terms of the employer’s liability and third party liability coverage shall not be less than the terms of a BIT insurance policy.

E. Copies of the insurance policies described above, approved by the insurer, or certificates of insurance signed by the insurer, shall be furnished to the INP no later

than the signature date of the Agreement.

F. The Company undertakes to maintain the insurance policies valid, through all the terms of its contractual agreement with the State of Israel-INP. The Company undertakes to renew the insurance policies annually as long as the Agreement with the State of Israel – INP is in effect. The Company undertakes to furnish to the INP copies of the renewed policies, approved and signed by the insurer, or insurance certificates and the renewal thereof, no later than two weeks prior to the expiry of the insurance term.

G. Nothing in the above insurance clauses shall exempt the Company from any liability under law, and the above should not be interpreted as any waiver by the State of Israel – INP of any right or remedy vested in it by law or under this Agreement.

REQUIRED INSURANCE APPENDIX – CERTIFICATE OF INSURANCE

To:

The State of Israel – Israel National Police

Dear Sir or Madam,

Re: Certificate of Insurance

We hereby confirm that we have issued to _____ (hereinafter, “the Company”), who is insured with us **under the following insurance policies**, for the insurance term from _____ to _____, regarding the development, installation, and maintenance of an AFIS system (Automated Fingerprint Identification System), pursuant to a Tender/Agreement with the State of Israel – Israel National Police:

Employer’s Liability Insurance

1. Toward its employees and workers in the entire area of the State of Israel and the Occupied Territories.
2. Limits of liability shall not be less than USD 5,000,000 per employee, per event, and per insurance term (one year).
3. The insurance will ne extended to cover the insured’s liability towards contractors, sub-contractors, and their respective employees shall be considered employees of the insured.
4. The insurance will be extended to indemnify the State of Israel – INP, in the event that it is claimed that the State of Israel – INP has any employer’s liability toward any employee of the Company, contractor, sub-contractor, or employee thereof, in the event of a work accident including any type of professional illness.

Third Party Liability Insurance

1. The Company’s lawful liability under the laws of the State of Israel, in respect to any injury or damage to property as a result of its actions within the boundaries of the State of Israel and the Occupied Territories.
2. The limit of liability shall not be less than USD 1,000,000 per event and insurance term (one year).
3. The insurance policy will contain a cross-liability clause.
4. The insurance policy will be extended to cover the insured’s liability toward third parties in respect of actions by contractors, sub-contractors, and their employees.

5. The property of the State of Israel shall be deemed third party property.
6. The insurance policy will be extended to cover the State of Israel – INP as far as such shall be deemed liable for the actions or omissions of the Company and any person acting on its behalf.

Combined product liability and professional indemnity policy for the software and hardware industry

1. The Company will insure its liability with all regards to development, installation, and maintenance of an AFIS system pursuant to a Tender/Agreement with the State of Israel – INP, under a combined product liability and professional indemnity insurance policy.
2. The policy will cover the liability of the Company, its employees, and anyone acting on its behalf –
 - (a) Concerning any professional act or omission – coverage in respect of breach of professional duty, error or omission, negligence or neglect;
 - (b) Liability for any product defect – coverage in respect of damage caused connected to products manufactured, developed, assembled, repaired, delivered, sold, distributed, or otherwise handled by the Company or any person acting on its behalf;
 - (c) Any actions of the Company, its employees and any person acting on its behalf, including development, installation, and maintenance;
3. Limit of liability per event and per year shall not be less than USD 2,500,000; Extension of disclosure period – at least 12 months; cross liability.
4. The insurance will be extended to indemnify the State of Israel – INP as far as they may be deemed liable for any act or omission of the Company or any person acting on its behalf.

D. General

The following terms will be included in all insurance policies:

1. “The State of Israel – Israel National Police” shall be added as an additional insured.
2. No reduction or cancellation of the insurance by any party will be valid unless we issue notice in writing at least 60 days in advance, which is sent by registered mail to the Comptroller of the INP.
3. We waive any right of subrogation, claim, participation, or recourse to the State of Israel – INP or their employees, provided that the waiver does not apply in favor of any person who intentionally caused damage.

4. The Company and the Company alone is liable toward the insurer for payment of the insurance policy premiums and fulfillment of all the duties imposed on the insured under the terms of the policies.
5. Co-payment stated in each policy shall apply solely to the Company.
6. Any clause in the insurance policy that reduces or cancels in any manner the insurer's liability in the event that a second insurance policy exists, shall not apply to the State of Israel-INP, and this insurance is deemed primary insurance that confers all the rights under the insurance policies.
7. The terms of the employer's liability and third party liability coverage shall not be less than the terms of a BIT insurance policy form.

Subject to the terms and limitations of the original policies, as far as such have not been explicitly modified by that stated in this Certificate of Insurance.

Sincerely,

Authorized signatory and Seal of the Insurer

Date

**APPENDIX 0.8.2
Proprietary Rights**

We, the undersigned, are authorized to complete this form on behalf of the Bidder, _____, and to declare on behalf of the Bidder as follows:

The Bidder is the owner of the proprietary rights, patent rights, copyrights, and all other rights embodied in his Bid (jointly hereinafter, "the Proprietary Rights), and there is no legal impediment of any kind to submit his Bid and enter into an agreement based on the Bid with the Tender Issuer, as set forth in the Tender.

The Bidder undertakes to indemnify and compensate the Tender Issuer in respect of any damage caused by any third party claim against the Bidder as a result of a breach of any Proprietary Right resulting from the Bid or entry into an Agreement with the Client following the purchase or use of services contained in his Bid.

Date	Complete name	Signature and Seal
------	---------------	--------------------

APPENDIX 0.17 – INDUSTRIAL COOPERATION

This form has to be filled out, duly signed and submitted along with the Supplier's first response to the below mentioned tender/request for proposal.

Failure to comply with this requirement will disqualify the Supplier's bid.

**Annex to Invitation to tender/request for proposal no. _____ ,
issued by _____ (hereinafter referred to as
"the Buyer") dated _____ for the supply of**

Foreign Supplier's Industrial Cooperation Undertaking

As per the Mandatory Tenders Regulations

**(Mandatory Industrial Cooperation), 5767-2007 (hereinafter the
"Regulations")**

We, (name of Supplier)

Having its offices at (full address)

commit to the State of Israel, that in the event of winning the above mentioned tender/request for proposal (hereinafter referred to as "the tender"), we shall put into practice Industrial Cooperation in Israel, in accordance with the outlined below:

1. We are aware of the fact that this undertaking originates from the "Regulations" and the terms used herein have the same meaning as there.
2. The extent of Industrial Cooperation that shall be carried out by us, shall level at least 35% (for suppliers of non-excluded products from GPA member states, the extent of industrial cooperation is 20%), of the value of the contract or of the transaction, that will be concluded with us, in the event of winning this tender in whole or in part, including the exercising of any option related thereto, as well as to spare parts acquisitions, training activities, maintenance, technical assistance, guarantees etc. that will be procured from us, in connection with the main equipment acquired, within the framework of the above mentioned tender.

3. We are aware that the possible ways in fulfilling our undertaking for Industrial Cooperation, are by local subcontracting, investments, Know-How transfer, R&D orders and acquisition of Israeli products, work or services, or any other way approved in advance by the ICA, excluding those listed in clause 10 below.
4. (a) Within the framework of our undertaking, we commit to carry out Local Subcontracting in a value not less than **20%** of the contract/transaction value and additionally, carry out Industrial Cooperation in one or more of the other ways set forth in clause 3 above, in a value not less than **15 or 8 %** (subject to the rule outlined in clause 2 above) of the contract/transaction value.
(b) We are aware that once we've committed to carry out Local Subcontracting in the value outlined above, at the end of work done, we'll have to provide the Buyer and the ICA with a signed by a CPA report, indicating the value and nature of Local Subcontracting actually materialized.
5. We are aware of the fact that in accordance with the provisions of the tender, we are required to provide in conjunction with our price proposal, this duly signed undertaking form, along with a detailed fulfillment program for the undertaking completion, in the event that we win the tender.
Failure to provide the fulfillment program as required will disqualify our bid.
6. We are aware that the Industrial Cooperation Authority (ICA) is in charge on behalf of the Government of Israel with appraisal, classification and monitoring of the hereby attached fulfillment program, if we win the tender.
7. Our undertaking for Industrial Cooperation shall be carried out within 3 years as of the effective date of the contract/transaction the subject of the tender. The ICA may upon request, approve an extended period of time, considering the nature of Industrial Cooperation to be implemented, or the complexity of the contract/transaction.
8. The records of ICA pertaining to the execution of our undertaking shall be *prima facie* evidence in any matter relevant to the fulfillment of this requirement in the tender.

9. We are aware that in order to value the extent of Industrial Cooperation activities carried out by us pursuant to this undertaking, the following rules shall apply:
- (a) New or incremental procurement by the supplier of Israeli products or services, compared to the supplier's average extent of procurements carried out in the last three years, or the award of orders for local subcontracting, **comprising a level of Israeli added value of at least 35%**, shall result in Industrial Cooperation credits in a value of 100% of the business deal nominal price.
 - (b) In some instances, subject to the rules to be published and on a case by case basis, the ICA will be entitled to grant credits exceeding 100% of the business deal price, by virtue of Industrial Cooperation activities of a unique nature, or activities implemented with preferred industry sectors and regions.
10. Furthermore we are aware that:
- (a) Investments, acquisition or funding of R&D projects, which shall be taken into account in calculating the extent of our Industrial Cooperation, shall not include any grant given, if given by the Government of Israel, as part of an investment or funding program as stated above.
 - (b) Expenditures such as agent's commission, personnel, office and other expenses the purpose of which are to promote our sales in Israel, shall not be recognized as Industrial Cooperation activities.
 - (c) Purchase of shares of Israeli companies to which the Securities Law 5728-1968 applies, to the extent in which the purchaser is not deemed to be "*a party with an interest*" as defined in the said Law, will not be considered as Industrial Cooperation.
 - (d) Any activity of ours with the Israeli industry carried out prior to being awarded with the buyer's contract shall not be eligible for crediting purposes.
 - (e) Any Industrial Cooperation activity to be carried out by us which is not part of our fulfillment program will be subject to ICA's prior approval.
11. Aimed at demonstrating our serious intentions regarding the fulfillment of our undertaking, we commit to take the following steps:
- (a) To furnish along with the submission of our bid or price proposal (the latest between the two), a fulfillment program for our undertaking, if we win the above mentioned tender. We will use Attachment A to specify the program including as many details as possible of subjects for Industrial Cooperation with the Israeli

industry, implementation mile stones and time frame of completion, having regard to activities as outlined in clause 3 above.

(b) Part of that program will be the appointment and written notification of a competent person to act as our Industrial Cooperation Coordinator (ICC), who will be responsible on our behalf for the fulfillment of this undertaking, for managing the activities in this regard and serve as our contact with the ICA, with the Israeli industry and other business entities. The appointee's name and position in our organization and all other complementary information will be fully outlined in the program submitted.

In case the ICC is replaced at any time in the future, we are committed to notify the ICA within 72 hours from the time the replacement took place.

(c) To take all conventional measures, including the use of consultation services, conducting a professional survey in Israel, visiting business entities in Israel and vice versa, or any other means aimed at the examination of business feasibilities in Israel.

(d) Once every year (on January 31) and until our undertaking is fully satisfied, we shall furnish the ICA with written - in a format to be set by the ICA - reports, having regard to the fulfillment of our undertaking for Industrial Cooperation, which will include the following data:

(1) Full identifying details of orders for Israeli products, work and services, local Subcontracts, investments or any other Industrial Cooperation activities carried out during the reporting period, subject to the rules set forth in clause 9 above.

(2) Any additional information that might be required by the ICA, regarding activities we've carried out aimed at the fulfillment of our undertaking.

Non-compliance with any of the requirements outlined in clause 11 will be deemed as a violation of our undertaking.

12. All communications on our behalf having regard to the fulfillment of this undertaking will be sent to the ICA at the following address:

Industrial Cooperation Authority
Ministry of Industry Trade and Labor
86 Menachem Begin Rd.
P.O. Box 36049
Tel Aviv 67138, Israel.

Tel: (972) 3 5634178 Fax: (972) 3 5634177

and additionally, for U.S. and Canadian companies:

The U.S. Director - ICA

Government of Israel Economic Mission

800 Second Ave. 17th Floor,

New York, NY 10017, U.S.A.

Tel: (212) 499 5741, Fax: (212) 499 5745

Signature of an authorized officer on behalf of the submitter of the tender:

If the bid is submitted by an importer and/or a leasing services provider, this document should be signed by an authorized officer on behalf of the foreign manufacturer of the goods or services to be supplied pursuant to the a.m. tender.

Name: _____ Title: _____

Phone No.: _____ Fax No: _____

Signature: _____ Date: _____

Email: _____ Web Site: _____

Attachment A

to the Industrial Cooperation Undertaking

Related to Tender/RFP No.

Issued by **Dated**

Pursuant to clause 11(a) of the a.m.document, we..... submit hereby our Fulfillment Program, that will serve as our initial outline aimed at the satisfaction of our a.m. undertaking, as follows:

1. Having regard to clause 3 of the undertaking document, the ways to be used by us to fulfill our undertaking will include one or more of the following Industrial Cooperation Categories:

<input type="checkbox"/> Local Subcontracting <input type="checkbox"/> Investments <input type="checkbox"/> Know-How transfer <input type="checkbox"/> Maintenance services	<input type="checkbox"/> R&D Orders <input type="checkbox"/> Acquisition of Israeli Products, Work or Services <input type="checkbox"/> Other
--	--

2. Anticipated / Approximate dates for Implementation of the following mile stones:
 - a. Conducting an Israeli industry survey:
 - b. Projects and partners selection:
 - c. Starting date of IC activities implementation:
 - d. Full program accomplishment:

3. Following is our prospective Fulfillment Program, in the format of table below.

Transaction Description	Industrial Cooperation Category	Approximate Transaction Time Table		Name of Israeli Entity Involved	Transaction Value
		Start	End		
Total of Fulfillment Value					

Note: For further clarifications or assistance in filling out this document, feel free to contact the corresponding ICA representative, to be found at: www.ica.gov.il

APPENDIX 5.1.13
Linkage Appendix

Linkage to Tender No. 8/2012, which constitutes an integral part of the Tender

- 1) The Supplier is entitled to a supplement fee, and the Client is entitled to a deduction from the full (100%) price of any percentage change between the Base Index and the Determining Index on the dates set forth in (f) below. Linkage shall be calculated as follows:
 - a) Index: The Wholesale Price Index of Industrial Output Code 170010, published in the Price Statistical Monthly by the Central Bureau of Statistics in Israel.
 - b) Base Index: Index of the month of January 2012.
 - c) Determining Index: The most recent known index on the date determined for the delivery of the service, or the effective delivery date thereof, the lower of the two indices, subject to the provisions of (f) below.
 - d) Base Price: The Bid Prices
 - e) Linkage is calculated as follows:

Base Index	×	Determining Index
		Base Index

- f) Prices will be indexed commencing on **July 1 2013**.
- 2) Upon delivery of the goods/supply of the services pursuant to the terms of the Order, the Supplier shall submit an invoice, separately specifying the Base Price and the linkage differentials according to the above calculation. Invoices shall be final and the Supplier shall not be entitled to any surcharge in respect of any cost of living increase or other, beyond the linkage differential specified on the invoice.
 - 3) Subject to the Goods and Services Price Stability (Temporary Provisions) Law – 5745-1985 and or order issued under this law, or legislation replacing or supplementing this law, or any additional legislation regulating engagements in the economy.
 - 4) Notwithstanding the provisions of 1(f) above, if, in the initial 18-month period of the Contract, the index increases by over 4% relative to the Final Bid Submission Date, the following adjustments shall be made:

The adjustment will be based on the difference between the index known on date on which the index difference first exceeded 4%, and between the Determining Index on the invoice submission date.

- 5) The impact of any change in the rate of indirect taxes during the Tender period, shall be set off, and the addition or deduction stemming from said change shall be calculated.

APPENDIX 6.3**Weighting the Quality Parameters**

1. Scores:

Bids will be scored according to the following scale:

Failure to meet the requirement	0
Full compliance with requirement, including satisfactory explanations as needed	100
1-3 points will be deducted for a response that complies with all or part of the requirements, but whose description or explanations are lacking or unsatisfactory	
For items in which a description is the main element of the response (where the description is necessary to understand the obligation), a lack of description will be considered failure to meet the requirement.	
Criteria define the main principles for assessing Bids. Points may be deducted or added according to the quality of the response. Partial scores will be awarded to partial responses.	
In items designated M, Bidders must respond affirmatively to all sections. Points will be deducted for any reservation noted by the Bidder or limitation on the quality of the proposed solution.	
Items highlighted in yellow will be examined by the team of experts during the benchmark.	

2. Quality Assessment (Chapters 2, 3, 4)

Items and respective scores and weights are specified in the following table:

section	Sub-section	Topics	Weight	Topics
2		APPLICATION		
2.3		Subsystems		
2.3.3		The following types of end-user stations will be installed at various mobile or stationary sites		
2.3.3.2		Live-Scan Booking Station		
2.3.3.2	a	Biometric login for police operators	0.90%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.2	b	Station allows rapid identification/authentication of examinee using one or more FP	2.70%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.2	d	Station allows PP capture with sequence check and attribution to FP	2.70%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.2	e	Capture of rolled FP does not depend on order of acquisition	0.90%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.2	f	The Station will include a mechanism that automatically identifies FP order on the capture pad.	0.90%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.2	g	The Station will include a QC mechanism and allow (either automatically or manually, at the operator's discretion) acquisition of best FP among a series of repeated acquisitions of a single finger	0.90%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.7		Patrol Car Optical Fingerprint Sensor/Reader		
2.3.3.7	c	The Bidder will supply a user-friendly graphical interface (GUI) for sampling, including a QC mechanism for captured FP	0.90%	System includes graphic interface – 100 points Otherwise – 30 points To be examined by the impression of INP's team of experts

section	Sub-section	Topics	Weight	Topics
2.3.3.7	d	The user will transmit the FP to the AFIS system for identification/verification using API/Services. Results will be returned to the patrol car system using API/Services	0.90%	The system supports this function = 100 The system does not support this function = 0
2.3.3.8		Mobile Victim Capture Station		
2.3.3.8	b	The Bidder will supply a user-friendly graphical interface (GUI) for acquisition, including a QC mechanism for captured FP	0.68%	System includes graphic interface – 100 points Otherwise – 30 points To be examined by the impression of INP's team of experts
2.3.3.8	c	The Station will support local storage of FP as NIST files, and transmission to the AFIS system for identification and verification	0.68%	The system supports this function = 100 The system does not support this function = 0
2.3.3.8	d	The Station will transmit captured data to the Main System by cellular or INP intranet communications	0.68%	The system supports this function = 100 The system does not support this function = 0
2.3.3.8	e	The Station will support printing of FP forms on a 1:1 scale	0.68%	The system supports this function = 100 The system does not support this function = 0
2.3.3.10		Portable crime scene component		
2.3.3.10	a	The Bidder will offer a mobile crime scene FP acquisition component at a resolution of at least 500 dpi and on a scale of 1:1 or greater.	1.35%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.10	b	The component will support FP acquisition in crime scenes and will not require special lighting.	1.35%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.10	c	The component will allow transmission of the image and crime scene identification data to the AFIS system via cellular communications and/or police intranet, for processing (search) in the Main Database.	1.80%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.4		User Interface		
2.4.1		Human Engineering		
2.4.1.5		Interface language for all applications in the complete work stations, fast-ID stations, will be Hebrew or English. Advantage to Hebrew interface	2.25%	Hebrew interface = 100 English interface = 0

section	Sub-section	Topics	Weight	Topics
2.5		Processes		
2.5.2		Acquisition Processes		
2.5.2.8		Adding suspects' mug-shots		
2.5.2.8	d	When FP/PP are acquired on the electronic booking station, the system will support:		
2.5.2.8	(1)	Image capture of the suspect from several angles and storage of the photographs in the mug-shot system	0.65%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.2.8	(2)	Entry of descriptive information on the suspect and storage of the information in the mug-shot system	0.65%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.2.8	e	A copy of the images will be transmitted to police systems. The Bidder will describe the transmission mode of the images. Advantage to image transmission through services to be exposed by police systems.	1.30%	Transmission via services = 100 The system does not support this function = 0 Other mode of transmission =50
2.5.2.11		Future integration of facial-recognition-based biometric identification		
2.5.2.11	a	The system will support integration of biometric identification of suspects based on facial images, and storage of facial image files in a retrieval database	1.30%	The system supports this function = 100 The system does not support this function = 0
2.5.2.11	b	The system will support construction of 3D models from mug-shots	1.30%	The system supports this function = 100 The system does not support this function = 0
2.5.4		Crime Solving		
2.5.4.2		LP-PP		
2.5.4.3	c	If necessary, comparison is performed against a specific group of latent case files (Close Search)	1.49%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.4.4		PP-UP		
2.5.4.4	c	If necessary, comparison will be performed against a specific group of latent files (Close Search)	1.49%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.5		Crime Linking		

section	Sub-section	Topics	Weight	Topics
2.5.5.1		LT-UL		
2.5.5.1	c	If necessary, comparison will be performed against a specific group of cases with unsolved latent prints (close search)	0.74%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.5.1	g	If a match is found between latents associated with two or more cases, this information will be stored in the system and will be added to the demographic information of both case files	0.74%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.5.2		LP-UP		
2.5.5.2	c	If necessary, comparison will be performed against a specific group of cases with UP (Close Search)	0.74%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.5.2	g	If a match is found between latent PPs in two or more case files, this information will be stored in the system and will be added to the demographic information of the relevant case files	0.74%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.5.7		Processing by an Expert		
2.5.7.2		The Bidder will specify the graphic tools available to experts for processing FP/PP, and include a comprehensive detailed explanation of their functionality and integration	1.11%	Up to 25 tools = 100 Between 20-24 tools =80 Between 15-19 tools = 60 less then 10 = 0
2.5.7.3		The Bidder will specify all the tools available to experts for preparing and processing the information for presentation in court (Charting), and include a detailed explanation of available features	1.11%	Up to 25 tools = 100 Between 20-24 tools =80 Between 15-19 tools = 60 less then 10 = 0
2.5.8		Minutia coding, pattern classification, and quality control		
2.5.8.5		Coding of latents		

section	Sub-section	Topics	Weight	Topics
2.5.8.5	b	The system will identify the sequence of the FP/PP on the latent and outline it automatically, including optional manipulation by expert (autosegmentation)	1.49%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.14		Reports and Queries		
2.14.3		The system will include an integral report generator. Preference will be given to Bidders using one or more of the following report generators: Web Focus, Reporting Services (S).	0.45%	Reporting Services, Web Focus – 100 points Other report generator – 5 points
2.14.14		The system will allow the system administrator to define reports according to his/her needs (S).	0.45%	The system supports this function = 100 The system does not support this function = 0
2.19		Information Security		
2.19.10		The Bidder will describe the system's methods of securing access to its databases. Additional points will be awarded to systems that support encryption of database data. Bidders will describe symmetrical or asymmetrical encryption methods for data stored in the system/s referential database.	1.58%	Supports encryption – 100 Otherwise - 0
2.19.16		Additional points for a system that is certified under international IS standards. Bidders will specify the standards for which the proposed system is certified at the Bid Submission date, such as EAL 2 or higher (ISO/IEC 15408), or whether the system is undergoing certification	1.58%	Supports encryption and is certified under standards – 100 international IS Not certified - 0
2.19.17		The Bidder will specify any additional means of security and defense in the proposed system designed to accomplish the above goal.	1.35%	=security and defense Additional means of points 100 Otherwise=0
2.22		Interfaces and Links		

section	Sub-section	Topics	Weight	Topics
2.22.4		ALBUM System – Mugshot Image Retrieval and Transmission		
2.22.4.1		The AFIS system will activate INP album services for retrieval and display of mug-shots.	0.55%	capability– 100 points Bidder offers interface Bidder does not offer interface capability - 0 points
2.22.4.2		The AFIS system will transmit images captured in the acquisition process to the ALBUM system through services.	0.55%	capability– 100 points Bidder offers interface Bidder does not offer interface capability - 0 points
2.22.4.3		The AFIS system will transmit the physical description entered in the acquisition and capture process at the electronic booking system to the ALBUM system through services.	0.47%	capability– 100 points Bidder offers interface Bidder does not offer interface capability - 0 points
2.22.6		The AFIS system will expose standard API/services for FP receipt and return of results to INP applications. The Bidder will specify the API including all the services contained therein		
2.22.6.2		Preference will be given to services that receive and transmit information in XML	0.47%	XML services – 100 points Other service – 50 points
2.22.6.3		The AFIS system will expose at least the services described below:	1.10%	Compliance with the requirement – 100 points Otherwise – 0 points
2.22.7		The AFIS system will support activation of standard services to be exposed by INP systems (Web Services (Preferably services developed in WCF), or COM+). The Bidder will specify manner of connection to these services	1.35%	Web Services or COM+ - 100 points Others – 30 points
פרק 3		TECHNOLOGY (S)		
3.3		End-User Equipment		
3.3.6		Live-Scan Booking Station (Stationary Electro-Optical Booking Station in Police Stations)		

section	Sub-section	Topics	Weight	Topics
3.3.6.12		The Live-Scan station will include a digital camera which will be used to photograph suspects' faces. The camera will be installed as an integral part of the case and will be tamper/violence-proof, and will include:		
3.3.6.12	c	Preference will be given to cameras with biometric data capture capability for use with a facial recognition system	1.69%	Camera has biometric data capture capability – 100 points Otherwise – 0 points
3.3.8		Portable Live-Scan Station (Optical fingerprint sensor/reader)		
3.3.8.8		Scanning/Reading Pad		
3.3.8.8	d	Preference will be given to an optical pad that supports acquisition of rolled FP (S).	2.03%	The system supports this function = 100 The system does not support this function = 0
3.3.8.8	e	Preference will be given to a pad that supports concurrent capture of more than one finger (S).	3.04%	The system supports this function = 100 The system does not support this function = 0
3.3.9		Fast-ID Handset		
3.3.9.15		The Handset will include a GPS	1.77%	Handset includes GPS – 100 points Otherwise – 0 points
3.3.9.17		Battery		
3.3.9.17	e	A docking port (stationary recharging dock) will be installed in INP stations and support concurrent recharging of multiple handsets (S).	0.89%	Handset includes charging dock – 100 points Otherwise - 0 points
3.3.9.17	g	The battery will display charge without connecting to the Handset (smart battery)	0.89%	The system supports this function = 100 The system does not support this function = 0
3.3.9.20		The Handset will include optional encrypted Bluetooth channel communications with printer	1.52%	Compliance with the requirement – 100 points Otherwise – 0 points
3.3.11		Optical Patrol Car Fingerprint Sensor/Reader (S)		
3.3.11.3		The Bidder will specify in the Bid only sensor/readers that contain standard API for interface development.	3.04%	Compliance with the requirement – 100 points Otherwise – 0 points

section	Sub-section	Topics	Weight	Topics
3.3.11.4		The proposed sensor/reader will include a standard USB port including driver, which is compatible with Windows systems and to be connected to the police end user device, and supports direct communications with the terminal server CITRIX system	1.35%	Compliance with the requirement – 100 points Otherwise – 0 points
3.3.11.5		Scan pad		
3.3.11.5	a	Physical dimensions of the pad will be similar to the dimensions of a standard mouse.	0.83%	Compliance with the requirement – 100 points Otherwise – 0 points
3.3.11.5	b	Dimensions of the pad will be at least 2X2 cm. Preference to a larger pad.	0.71%	Bigger pad=100 Pad 2X2 cm. = 80 Otherwise – 0 points
3.3.11.5	d	Preference will be given to a pad that supports concurrent acquisition of more than one finger	0.83%	System supports this function – 100 points System does not support this function – 0 points
3.3.12		Mobile Victim Capture Station		
3.3.12.2		The portable station will include all the components necessary to perform all the actions required to take fingerprints from dead bodies.	1.01%	The system supports this function = 100 The system does not support this function = 0
3.3.12.3		The station will include a portable scanner, portable printer, and biometric data reader.	1.01%	The system supports this function = 100 The system does not support this function = 0
3.3.12.4		The station will support optional connection to the central AFIS system and other systems by cellular communication.	1.01%	The system supports this function = 100 The system does not support this function = 0
3.3.12.5		The system will be portable and can be transported worldwide for identification processing	1.01%	Convenient carrying case – 100 points Otherwise – 0 points
3.3.12.6		The station will be installed in a convenient carrying case (with handle and castors).	1.01%	Convenient carrying case – 100 points Otherwise – 0 points
3.3.12.7		The station will withstand environmental conditions as follows: High temperatures of at least 50C or low temperatures, humidity, travel-related impact and shocks, and unsterile	1.01%	Compliance with the requirement – 100 points Otherwise – 0 points

section	Sub-section	Topics	Weight	Topics
		environments.		
3.3.12.8		The station will be operable on 12VDC and 110 VAC/220VAC.	0.68%	Compliance with the requirement – 100 points Otherwise – 0 points
3.3.13		Smartcard Biometric ID Reader		
3.3.13.1		The reader will be installed at the investigator's station and in patrol car computer systems and will support biometric authentication against smartcards that contain FP (match on card)	1.18%	Compliance with the requirement – 100 points Otherwise – 0 points
3.3.13.2		The Bidder will specify the type of proposed reader and mode of use. Preference will be given to contact readers.	1.18%	Contact reader – 100 points Otherwise – 0 points
3.3.13.3		The Reader will include a standard USB port including a Windows-compatible driver.	1.01%	USB port included – 100 points Otherwise – 0 points
3.3.14		Mobile Crime Scene FP Photography Component		
3.3.14.2		The component will be used by crime scene investigators to capture crime scene CP and transmit them to the Main System by cellular communications, for search in the database	1.77%	Meets requirement – 100 points Otherwise – 0 points To be examined by team of experts
3.3.14.2		Bidders will propose a mobile crime scene capture station and transmission at a resolution of 500 dpi or greater and on a scale of 1:1 or greater	1.77%	Meets requirement – 100 points Otherwise – 0 points To be examined by team of experts
3.3.14.2		The component will support capture of FPs in crime scenes and will not require special lighting	1.52%	Meets requirement – 100 points Otherwise – 0 points To be examined by team of experts
3.6		Consumables		
3.6.6		The Bidder will propose ergonomic furniture (chairs and desks) suitable for the experts	2.25%	Bid includes furniture – 100 points Otherwise – 0 points

section	Sub-section	Topics	Weight	Topics
		working with the AFIS system (Optional) (S).		
3.8		Development and Maintenance Tools		
3.8.2		The INP uses Visual Studio and .NET development tools. Preference will be given to Bidders who use these tools to develop and maintain the services specially developed for INP applications.	2.25%	Visual Studio and .NET development tools – 100 points Other development tools – 30 points.
3.9		Database		
3.9.2		The database will be a table-based database of a type commonly used in the IT industry. Preference will be given to an ORACLE-type database.	2.25%	ORACLE database – 100 points Otherwise – 0 points
3.9.6		The database will include IS protection measures against unauthorized access. The Bidder will specify the security mechanisms included in the system for this purpose (S).	2.25%	Database protection measures included – 100 points Otherwise – 0 points
3.10		Operating Tools		
3.10.1		FP Technician/Expert Tools		
3.10.1.1		The Bidder will describe the range of technician tools included in the system, which are designed to assist the technicians in their work.	1.13%	INP expert team will assess tools, up to maximum 100 points
3.10.2		System Administrator Command and Control Tools		
3.10.2.4		The Command and Control System report will be in the form of a screen alert and text message/beeper message, or through any other means defined by the INP in collaboration with the Winning Bidder	1.13%	System supports this function – 100 points System does not support this function – 0 points
פרק 4		IMPLEMENTATION		
4.1		Stakeholders		
4.1.4.		Sub-contractors		

section	Sub-section	Topics	Weight	Topics
4.1.4.1		The Winning Vendor may execute part of the required services through Sub-contractors who have expertise that the Winning Vendor lacks. The Winning Vendor will specify the services that will be rendered by Sub-contractors. Bidders should seek to involve a minimum number of Sub-contractors in the project.	1.50%	Up to 1 subcontractor – 100 points' 25 points deducted for each additional subcontractor
4.7		System Deployment (M)		
4.7.4		Migration		
4.7.4.9		The Winning Vendor will provide tools to test consistency /compatibility between various system databases.	3.50%	Tools to test database consistency – 100 points Otherwise – 0 points
2.3.2.1	b	The experts team will examine the GUI and the processes especially for electronic files	2.50%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
2.3.3.1	a	The experts team will examine the GUI and the processes for electronic files in the Remote Crime Scene Evidence Transmission Station	2.50%	The system supports this function = 100 The system does not support this function = 0 .To be examined by INP's team of experts
TOTAL			100.00%	

APPENDIX 6.4

Benchmarking

Stages of the Test

1) Types of tests:

- a) LT-TP
- b) LP-PP
- c) TP-UL
- d) PP-UP
- e) LT-UL
- f) LP-ULP

2) The INP will prepare a Benchmark Kit that contains the following:

- a) 600 TP and PP cards, some of which will be designated as “targets”.
- b) 112 crime-scene latent fingerprints
- c) 112 crime-scene latent palm prints

3) Acquisition \ Entry of Forms into the System

The Bidder will transmit the fingerprint and palm print cards designated for use as targets in the tests in NIST files.

4) Score (Points) P

- a) The scores for all types of tests will comprise a combination of the following two parameters:
 - (1) The order of the right candidate in the system's displayed candidates list
 - (2) The level of expert intervention required to obtain a match

Total Points (PT) on any test type are calculated as follows:

$$\text{Max } P_T = \frac{P_T \sum \% P_T}{\text{Max PT}}$$

%PT = Points on each test type

$\sum P_T$ = Cumulative sum of points from all stages

Max PT = Maximum possible test score.

- b) Each test type will be weighted as follows:

	Test	Weight WT
T ₁	LP-TP	25%
T ₂	LP-PP	20%
T ₃	TP-UL	20%
T ₄	PP-UP	25%
T ₅	LT-UL	7%
T ₆	LP-ULP	3%

c) Final weighting

Final scores (Z) will be calculated according to the following formula:

$$Z = \sum (PT_{(1-6)} \times WT_{(1-6)})$$

$$Z = (25\% \times PT_1 + 20\% \times PT_2 + 20\% \times PT_3 + 25\% \times PT_4 + 7\% \times PT_5 + 3\% \times PT_6)$$

5) Acquisition of Latents

Acquisition of 100 latent fingerprints and 100 latent palm prints into the system, from JPEG files.

6) LP-PP and LT-TP tests

Latents will be acquired and sent for search in two steps:

- a) Step I – Only automatic coding of the outlined print (outline appearing on the image of the print) with no use of filters such as finger number, pattern type, palm section location, or angle (360°). In other words, with no expert intervention.
- b) Step II – Best Practice: Any latents that were not identified in Step I will be resent for search after maximum expert intervention, which includes, among other things, classification, encoding, filters such as finger number, section of palm, and angle.
- c) At the end of each search of a latent, “no hit” will be declared, so that these latents may be entered into the UL and ULP databases for further tests.

7) TP-UL and PP-ULP tests

- a) The relevant targets of FP and PP cards will be sent to search the unsolved latent databases.
 - b) At the end of each search, no-hit results will be declared for all cards, to allow further testing.
- 8) LT-UL and LP-ULP tests
- a) 12 FP latents and 12 PP latents will be entered into the system from JPEG files.
 - b) These latents will be processed by an expert (Best Practice) and sent for a search in unsolved latent databases.
- 9) Conclusion of testing
- a) At the conclusion of all the tests described above, the Bidder will delete all the INP materials entered into the Bidder's database.
 - b) The Bidder undertakes to make no use of these materials and of any information pertaining to the tests and its results, without permission from the INP.
- 10) Calculation of scores tables

a) Score calculation for LT-TP and LP-PP tests (use separate table for each type of test):

Step	Encoding method	Number of acquired latents L	M ₁	H	P=H×M	M ₂	H	P=H×M	M ₃	H	P=H×M	TOTALPOINTS %	No, of hits	Hit%
			Score for first place	Number of hits	Total points	Score for places 2-5	Number of hits	Total points	Score for places 6-15	Number of hits	Total points			
1	Automatic encoding only	100	10	H	P=H×M ₁	8	H	P=H×M ₂	6	H	P=H×M ₃	ΣP		
2	Best practice	100 -hits in step 1	6	H	P=H×M ₁	4	H	P=H×M ₂	2	H	P=H×M ₃	ΣP		
TOTAL	Percentage score = $\frac{\text{TOTAL} \sum P}{\text{max point 1000}}$											ΣP Total		

b) Score calculation for TP-UL and PP-UP tests (use separate table for each type of test):

Step	Search	Qty of forms F	M	H	P=H×M	M	H	P=H×M	M	H	P=H×M	Total Points
			Score for first place	Number of hits	Total points	Score for places 2-5	Number of hits	Total points	Score for places 6-15	Number of hits	Total points	
1	TP-UL	100	10	H	H×10	8	H	H×10	6	H	H×6	Σ P
2	PP-UP	100	10	H	H×10	8	H	H×10	6	H	H×6	Σ P
Total	<p style="text-align: center;">Percentage score = $\frac{\text{TOTAL } \Sigma P}{\text{max point 2000}}$</p>											TOTALP Σ

Note: If any FP/PP card achieves a hit for more than one latent, the order of the next matched latent will be increased by one place.

c) Score calculation for LT-UL and LP-ULP tests (use separate table for each type of test):

Step	Search	Qty of latents F	M	H	P=H×M	M	H	P=H×M	M	H	P=H×M	Total Points
			Score for first place	Number of hits	Total points	Score for places 2-5	Number of hits	Total points	Score for places 6-15	Number of hits	Total points	
1	LT-UL	12	10	H	H×10	8	H	H×8	6	H	H×6	Σ P
2	LP-ULP	12	10	H	H×10	8	H	H×8	6	H	H×6	Σ P
	<p style="text-align: center;">Percentage score = $\frac{\text{TOTAL } \Sigma P}{\text{max point 240}}$</p>											TOTALP Σ

Appendix 6.5 Dynamic Online Tender

1. Dynamic Tender Procedure

1.1 General

1.1.1 Bidders who meet the pre-qualification conditions set forth in the Tender, shall receive written notice from the Tender Administrator, and shall be invited to participate in the Dynamic Online Tender procedure that will be conducted on the tender website <http://card.tender.gov.il>.

1.1.2 A link to the dynamic online tender for delivery and maintenance of an AFIS system no, 8/2012, will appear on the homepage of the tender website. Bidders will access said link to enter and participate in the tender arena, after identifying themselves using a smartcard as set forth in paragraph 1.2.12 of this Appendix.

1.1.3 The following information will appear on Bidders' tender arena screens:

1.1.3.1 Tender status (open/closed/Waiting).

1.1.3.2 The Bidder's weighted score, the weighted score of the leading Bid, and the Bidder's position relative to the remaining bids.

1.1.3.3 Time remaining

1.1.3.4 **Go to Enter a Bid** button

1.1.3.5 **Confirm Bid** button

1.1.3.6 **Back** button

1.1.4 The following information appears on the Make a Bid screen:

1.1.4.1 Priced items and their quantities (as set forth in Section 5.2 of the Tender).

1.1.4.2 Bidders enter their bid for each item on the Bid Form and click on **Enter a Bid** button. The weighted price of each item and the weighted cost of the Bid will then appear on the screen.

1.2 Rules of the Dynamic Online Tender

1.2.1 Initial Bid: Participants must enter a price for each System component listed on the Bid Form, including a percentage that represents the cost of System maintenance. When the Bidder clicks on "**Enter a Bid**" button, the Bid will be automatically calculated and the Bidder will be prompted to confirm the Bid. After confirming the Bid, the Bidder will have no claim based on typographical errors.

1.2.2 It is clarified that the total initial bid must be lower or equal to the maximum price stated in Section 5.1 of the Tender. In the event that the Bidder's Bid exceeds this amount, the Tender Committee may instruct the Tender Administrator to notify the Bidder by telephone of the need to amend Bid accordingly or otherwise the Bid will be disqualified from participating in the dynamic online tender procedure.

1.2.3 After the Bidder enters and confirms his complete initial bid, **the Bidder will receive information on the total score of the highest Bid at that stage.**

1.2.4 Bidders may lower the cost of any single component in the Bid. Upon entering the new information, the Bidder will receive new information on his position and the total score of the highest Bid. Bidders may adjust and enter lower bids repeatedly.

1.2.5 Each Bidder may enter an unlimited number of bids as long as the status of the Bid is not "closed."

1.2.6 Bidders will not receive information on the other Bidders, either their identity or the number of bidders. Bidders will similarly not receive information on the quality and benchmark scores of the other bids participating in the dynamic online tender procedure.

1.2.7 The Bidders should note that the Tender Administrator can view all the details of their Bidders and the ranking of their Bids, including the weighting of their qualitative components at all times.

1.2.8 Bid Adjustment levels

1.2.8.1 Bidders may adjust their most recent bid price for each component in the Bid by minimal level of NIS 20,000.

1.2.8.2 Bidders may increase the bid price of one or more components and lower the bid price of other component, such that the adjusted Bid is in total at least NIS 20,000 lower than the Bidder's previous bid.

1.2.8.3 Bids that are lower than these amounts will not be accepted by the dynamic online tender procedure.

1.2.8.4 To remove all doubt, it is clarified that any new bid must be lower than their previous bid, by the aforementioned increments. Bidders may not enter a bid that is equal to or higher than their previous bids.

1.2.9 Dynamic Online Tender Times (Current local time in Israel – GMT+2):

1.2.9.1 Qualifying Bidders will receive notice of the time of the tender, seven calendar days prior to the time of the tender.

1.2.9.2 The dynamic online tender is scheduled to begin at 15:00 on the designated date.

1.2.9.3 In the event that the Dynamic Online Tender continues until 22:00, the Tender Administrator may elect one of the following two options: to continue the dynamic online tender procedure until its conclusion or to temporarily interrupt the procedure at a specific time and proceed on the following day at 15:00, from the exactly stage at which the procedure was interrupted.

1.2.10 Start time of the dynamic online tender:

The tender will be open for 20 (twenty) minutes, from 15:00, until 15:20. During this time Bidders may enter and confirm their first bid. The tender will be closed at 15:20.

1.2.11 Bid adjustments and their effect on the tender duration

1.2.11.1 Any bid that is entered in the five (5) final minutes of the tender, from 15:17 until the conclusion of the tender, automatically extends the duration of the tender by an additional five (5) minutes, from the time at which the bid was recorded by the dynamic online tender administration system.

1.2.11.2 Every time a Bidder enters an adjusted bid, even if the adjusted bid is higher than the leading bid, the time clock will be reset to show five (5) minutes remaining to the conclusion of the tender, and additional bids may be entered in this time.

1.2.11.3 Example:

The tender is scheduled to close at 15:20. A bid was recorded at 15:18. The closing time will be automatically extended to 15:23. Another bid was recorded at 15:20,

extending the closing time to 15:25. Another bid was recorded at 15:24, automatically extending the tender closing time to 15:29, and so on and so forth.

1.2.12 Closing the Tender

1.2.12.1 If no bid is recorded in the final five (5) minutes of the tender, the tender will enter a waiting mode for eight (8) minutes, to ensure that no Bidder has encountered technical difficulties that prevent him from entering a new bid. The Tender Committee may decide whether to conclude the tender or to re-open it as described herein.

1.2.12.2 Bidders who encounter technical difficulties and are unable to enter an improved bid during the final five (5) minutes of the tender and wish to enter an improved bid relative to his previous bid, shall contact the Tender Committee by telephone, noted in paragraph 1.2.14.3 hereinafter within the aforementioned eight-minute period. Subject to a decision by the Tender Committee, the Bidder may enter his improved bid after the malfunction is resolved.

1.2.12.3 In the event that the Tender Committee determines that a technical issue prevented a bidder from entering a bid in the tender, the Committee will re-open the dynamic online tender to all participants.

1.2.12.4 It is hereby emphasized that a technical malfunction is the only cause for which a bid may not be final after the elapse of the five (5) final minutes of the tender. Any other cause, other than a technical malfunction, shall not be accepted, and the Tender Committee shall determine the conclusion of the tender.

1.2.12.5 After the elapse of the eight (8) minute period aforementioned in paragraph 1.2.12, the Tender Administrator will issue a notice that the Dynamic Online Tender procedure is concluded.

1.2.13 Announcing the Winner:

1.2.13.1 After the conclusion of the dynamic online tender procedure, the Bid with the highest score (after weighting qualitative, benchmarking, and cost components) will be determined the winner.

1.2.14 Location of the tender

1.2.14.1 Bidders will enter their bids from their respective offices, using an internet browser on a computer to which the smartcard (to be purchased by the Bidder) can be connected.

1.2.14.2 The Tender Administrator is not responsible for bids that are not entered or recorded as a result of issues and/or malfunctions on the bidder's side, or due to the means used by a bidder to submit the bids.

1.2.14.3 No questions may be addressed to the Tender Committee during the tender, with the exception of technical questions in the event of a technical malfunction. Only questions of this type may be addressed to the representative of the Tender Administrator's technical team by calling telephone no. 972-8-912-4758.

1.2.14.4 In the course of the tender, the technical team may contact Bidders by telephone if necessary and/or in the event that a malfunction occurs.

1.2.14.5 The Tender Administrator reserves the right to cancel the tender in the event of a technical malfunction in the online system and notify the bidders of a new date for the tender.

1.2.14.6 All correspondence and telephone conversations between bidders and the technical team will be documented for the purpose of oversight and control.

1.2.14.7 Bidders may peruse a printout of the final bid submitted by the Winner.

1.2.14.8 It is emphasized that bidders' signatories must be available during the entire duration of the tender.

1.2.15 Training the Bidders

1.2.15.1 Training and drills on the online system will take place for **bidders** who meet the prequalification conditions, the technical requirements, and the specification requirements, and were selected for the second, dynamic, stage of the tender.

1.2.15.2 Training will be conducted in the Hebrew language.

1.2.15.3 The Tender Administrator will conduct a trial tender procedure for all qualifying bidders. In the trial procedure, Bidders will practice their operation of the dynamic tender system according to the aforementioned rules. The trial tender will be virtual and will simulate the dynamic tender on some virtual product.

1.2.15.4 Notice of the time of the training and the trial tender will be issued to all qualifying Bidders at least 10 days in advance. Participation in the trial tender is **mandatory**, in order to ensure the smooth operation of the determining tender.

1.2.15.5 Bidders who do not participate in the training and the practice sessions have no claim against the INP in respect of any operating difficulties encountered or the bidder's inability to properly participate in the tender in real time.

1.2.16 Smartcard equipping

1.2.16.1 Participation in the tender requires a smartcard **equipping by the bidder**. A smartcard is an encoded magnetic medium that is used to add an electronic signature in the tender.

1.2.16.2 In principle, foreign residents may also purchase smartcards, although the INP advises the Bidders to purchase the smartcard through at least one of their representatives who has an Israeli ID card.

1.2.16.3 Bidders who wish to participate in the tender should purchase a smartcard from one of the following companies (who are certified by the Israeli government to issue smartcards):

- **Comsign:** Information regarding smartcard issue is available at the following link:
<http://www.comsign.co.il/main.asp?id=185>.
For additional information, **contact Tel: 972-3-644-3620**.
- **Personal ID:** Information regarding smartcard issue is available at the following link:
<http://www.personalid.co.il>.
For additional information, **contact Tel: 972-73-290-0047**.

1.2.16.4 To participate in the Dynamic Online Tender, qualifying Bidders must identify themselves using the smartcard issued by one of the aforementioned companies, and by entering the card owner's personal identification number (PIN).

1.2.16.5 Each qualifying Bidder will be issued two smartcards (and a smartcard reader): a primary smartcard and an alternate smartcard. The primary smartcard will

be used by the qualifying bidder to participate in the dynamic online tender from the bidder's planned participation station. The alternate smartcard will be used by the qualifying bidder to participate in the dynamic online tender from the bidder's planned alternative participation station, in the event of any malfunction in the primary participation station.

1.2.16.6 It is hereby clarified that the Dynamic Online Tender **cannot** be simultaneously accessed using a bidder's primary and alternate smartcards.

1.2.16.7 It is hereby clarified that each smartcard has a unique identifier that is connected to a single individual. In other words, the primary and alternate smartcards are issued to two different individuals.

Addendum to Appendix 6.5**Bidder's declaration of representatives for the dynamic online tender procedure**

At:

INP Tender Committee

Re: Tender No. 8/2012 – AFIS SYSTEM

We the undersigned

1. _____ Passport no, _____
2. _____ Passport no, _____
3. _____ Passport no, _____

After we were warned that we must tell the true and that we will be subject to legal sanctions if we will not do so, we declare as follow:

the signatories of _____ (hereinafter, "the Bidder"), hereby declare that our representative for Stage II of the tender – the dynamic online tender procedure, if we participate therein, shall be the following signatories, identifiable by the details appearing alongside their names. These representatives are authorized to bind the Bidder for the purposes of the tender.

Details	Authorized representative A	Authorized representative B
First name (in English)		
Surname (in English)		
Passport no.		
Landline (including country area code)		
Cell phone (including country area code)		
E-mail		

Bidder	
Name (in English):	
Authorized Dealer No.	

Email	

:

Attorney Affirmation

I the undersigned, Attorney _____, hereby affirm that
 _____, personally known or sufficiently identified to me by
 ID/Passport no. _____, appeared before me at my offices at
 _____ on _____ [date], and after having
 cautioned him or her to state the truth or otherwise be subject to the penalties under
 law, signed this affirmation in my presence.

Date License No.

Signature and seal
