

ATTACHMENT A

AUTOMATED BIOMETRIC IDENTIFICATION SYSTEM

FUNCTIONAL REQUIREMENTS CHECKLIST

The following functional requirements represent high-level functions required of any future Automated Biometric Identification System (ABIS). They are not intended to be comprehensive, and must only be construed within the framework of the County's research under the RFI.

#	FUNCTIONAL REQUIREMENT	Yes	No	Comments
1	The System's forensic and identification tools, such as image enhancement, are intuitive and user-friendly.			
2	The System has complete and comprehensive CJIS-compliant auditing features.			
3	The System is compliant with the latest version of the standards listed below:			
	a. American National Standards Institute/National Institute of Standards and Technology (ANSI\NIST).			
	b. Electronic Biometric Transmission Specification (EBTS).			
	c. FBI Wavelet Scalar Quantization Compression Standard for 500 ppi fingerprint images.			
	d. NIST Best Practice Recommendation for the Capture of Mugshots.			
	e. FBI Criminal Justice Information Services (CJIS), CJIS Security Policy.			
4	The System retains all subject records (each record to include 24-26 images, rolls, flats, and palm images) and one composite set.			

#	FUNCTIONAL REQUIREMENT	Yes	No	Comments
5	The System has the following accuracy rating:			
	a. 98.95% on two fingers.			
	b. 99.95% on four fingers.			
	c. 99.98% on ten fingers.			
	d. 100% on fingerprint combined with other biometrics.			
6	The System supports multiple biometric modalities (e.g., fingerprints, iris, facial recognition).			
7	The System can combine fingerprint score with different biometric modalities scores to increase the total accuracy score.			
8	The System supports at least 1000 PPI.			
9	The System can handle all state and federal transactions.			
10	The System total search time limits must be as follows:			
	a. 10-print search <= 30 seconds.			
	b. 4-finger search <= 20 seconds.			
	c. 2-finger search <= 15 seconds.			
	d. Palm latent search <= 5 minutes.			
	e. Finger latent search <= 3 minutes.			
	f. IRIS search <= 15 seconds.			
11	The System supports the following Department system interfaces:			
	a. CLETS via local message switch.			
	b. CAL-DOJ.			
	c. RPS system.			
	d. Countywide Jail Management System.			
	e. Other downstream systems.			
12	The System has an intuitive and easy-to-use web-based reporting module.			

#	FUNCTIONAL REQUIREMENT	Yes	No	Comments
13	The web-based reports must have the ability to drill up or down in granularity for different levels of management reporting (e.g., being able to view a summary report for all actions for an ORI or being able to view a report for a single user and/or device in any given time period). **Note: Sample screenshots and web formats must be included as part of the response.			
14	The System must have, at a minimum, the following canned reports for printing:			
	a. Transaction and user audit report.			
	b. System status report.			
	c. Database size report outlining total records for different databases such as tenprint, palmprint, latent finger, latent palm, etc.			
	d. Transaction and user action report.			
	e. Usage report.			
15	Printed reports must have options for:			
	a. Date range.			
	b. Location(s).			
	c. ORIs.			
	d. LSIDs.			
16	The System can support new interfaces, including web services.			
17	The System has sufficient storage to retain our current records (refer to Paragraph 2.3 of the RFI) plus enough for up to five additional years at a rate of 2500 criminal records per day (includes criminal bookings, registrants, and field interviews, all containing fingerprints, iris, and photos).			
18	The System can support customizable latent workflows for multiple agencies.			
19	The System allows latent technicians to perform:			
	a. Exclusions.			
	b. Eliminations.			