

Attachment A REQUIREMENTS CHECKLIST

Since RFI's are research-oriented, additional functionality that is available in Respondent's Solution, but not listed, should also be included in its response [e.g., hardware specifications, cloud services (if applicable), mobile applications/device connectivity, etc.].

Req #	Desirable Functional Requirement	Meets Requirement	Customization Required	Describe Functionality (Include the number of forms/screens/transactions to accomplish requirement)
	Functional Requirements			
1.	The Solution provides an imaging workflow that incorporates the following:			
1a.	image acquisition (macro and microscopic)			
1b.	image management database			
1c.	visual evidence documentation			
1d.	evidence analysis software with flexible reporting functionality			
2.	The Solution's imaging workflow consists of the following integrated functions:			
2a.	Secure case image management			
2b.	Acquisition			
2c.	Visual evidence documentation			
2d.	Evidence analysis			
2e.	Security			
2f.	Reporting			
2g.	Laboratory Information Management System (LIMS) integration			
3.	The Solution supports the following (with necessary software automation tools to implement a consistent workflow for processing latent evidence):			
3a.	On-screen latent print comparison			
3b.	Documentation			
3c.	Latent analysis			
4.	The Solution integrates with the Department's existing Sheriff's Data Network.			

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5.	The Solution can be installed at multiple sites throughout the Department, with the ability to network the systems together so that hardware and software function as part of one integrated system.			
6.	The Solution has comprehensive security which makes all related information completely intact, available, and retrievable to authorized users.			
7.	The Solution has seamless communication with third-party software providers (e.g., LIMS) and existing software architecture infrastructures.			
8.	The Solution has extensive functionality for secure case image/asset management and communication.			
9.	The Solution includes functions for the following:			
9a.	Image/asset categorization			
9b.	Accessibility			
9c.	Ability to mine information in order to search multiple cases.			
10.	The Solution supports a profile-based login (Department's active directory) for the following:			
10a.	account management			
10b.	add/delete user accounts			
10c.	user permissions			
10d.	user credentials			
11.	The Solution is able to set user access permissions and controls to specific images or folders within the system.			

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12.	The Solution has a verification process, to ensure the integrity of items selected to be imported into the database, for internal and external reference.			
13.	The Solution is capable of image version control and automatically links a modified image with its unalterable original.			
14.	The Solution uses a centralized database (Oracle or SQL-server) stored on an imaging server, which allows instantaneous case image communication.			
15.	The Solution is housed in either a Criminal Justice Information Services (CJIS)-compliant cloud environment or CJIS compliant data center.			
16.	The Solution provides an integrated digital imaging technology framework whereby all imaging documentation related activities function as part of an Enterprise Crime Lab Imaging Workflow System.			
17.	The Solution connects all sections of the following under a unified imaging infrastructure:			
17a.	Visual documentation (e.g., incoming evidence, drug chemistry, biology screening)			
17b.	Comparative analysis applications (e.g., latent print identification, firearms/			

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	toolmarks, trace evidence, questioned documents)			
18.	The Solution supports barcode scanner interfaces that can directly link case-related information and case images with fields that can be automatically populated.			
19.	The Solution can share image information with the following:			
19a.	Internal users (e.g., examiners, managers, administrators)			
19b.	External users (e.g., district attorney, investigators, outside law enforcement personnel, etc.)			
20.	The Solution is designed specifically for forensic lab and law enforcement-related applications and is built with a flexible infrastructure that allows for scaling the software to fit the needs of laboratory workflow.			
21.	The Solution stores image files (and other related assets) within the following:			
21a.	Database			
21b.	File server			
21c.	Hybrid of both methods			
22.	The Solution imports images captured from digital cameras and scanning devices directly into the case image database.			
23.	The Solution provides multifunctional camera systems for both macro and microscopic evidence documentation and analysis.			
23a.	The Solution's multifunctional camera systems provide			

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	embedded imaging engine for contemporaneous evidence documentation and side-by-side comparison.			
24.	The Solution must accommodate the following:			
24a.	On-screen and print calibration			
24b.	Image enhancement/rotation			
24c.	Charting tools			
24d.	Measurement			
25.	The Solution can overlay an image over another and adjust the transparency in order to identify similarities or differences and automatically document image enhancements into printable history reports with thumbnails, while never allowing alterations or changes to the original image.			
26.	The Solution can create, store, and print a detailed audit trail which is maintained for each asset, which includes:			
26a.	Username			
26b.	Time/date			
26c.	Specific function performed (e.g., enhancement, printer, user access, etc.)			
27.	The Solution links a variety of information using the following:			
27a.	Field sets			
27b.	An unlimited number of users and file numbers			
27c.	Field information (e.g., evidence item number, acquisition device, microscope, color, type, instrument used, or any other custom information).			

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28.	The Solution contains enhancement filters, including, but not limited to:			
28a.	Auto levels			
28b.	Invert			
28c.	Conversion to grayscale			
28d.	Color filter			
28e.	Edge finder			
29.	The Solution prohibits alterations to any Exchangeable Information File Format provided by digital cameras.			
30.	The Solution can output metadata reports with a single print key.			
31.	The Solution contains an Adobe Photoshop interface (or similar graphics editor software) that allows the users to launch Photoshop from the Solution and import the altered image with an audit trail.			
32.	The Solution has a web-based application that allows users to remotely view and/or print previously stored images.			

** Please append additional functionalities for your Solution to this Attachment. **