APPENDIX B

SOLUTION REQUIREMENTS RESPONSE MATRIX

REVISED UNDER BULLETIN #7

This Appendix B is available in a fillable form - refer to Paragraph 5.2 of the RFP for contact information.

Legend	
M = Mandatory Requirement	**O** = Optional Requirement
D = Requires Development / Programming to meet the requirement Development / Programming is required when the System / Application cannot be configured to meet the business functional and technical requirements. Development requires programming or significant changes to the underlying Database. This can include the development of new modules for the application specific for the requirements and/or programming changes to the base application requiring a separate program tree that needs to be maintained by the vendor for updates.	**C** = Requires Configuration only to meet the requirement Configuration utilizes the table driven or report / screen formatting parameters built into the application itself. The key to configuration is that when the application is upgraded by the vendor the configuration parameters are carried forward with the new release and do not need to be reconfigured.
B = Meets the requirement out of the Box	**X** = Can not meet this requirement

*For your reference, a list of defined acronyms can be found at the of this document.

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
CR-01	The RPS Solution provides the following data entry fields when uploading a subject image:		Case Record		
CR-01 a	LE Agency's case number and date of the crime, applicable to the uploaded subject image.	M	Case Record		
CR-01 b	County's criminal charge code(s) related to the case.	M	Case Record		
CR-01 c	Free text case description (Minimum of 100 characters).	M	Case Record		
CR-02	The RPS Solution notifies the User/LE Agency, via e-mail, when unresolved watchlists require the User/LE Agency to identify whether they wish to keep the case open, or remove it.	M	Case Record		
CR-02 a	The e-mail notification includes a hyperlink to the watchlist entry.	M	Case Record		
CR-03	The RPS Solution includes a Database table, maintained by Proposer, which contains the following:		Case Record		
CR-03 a	All County criminal charge codes used.	M	Case Record		
CR-03 b	A description of all County criminal charge codes.	M	Case Record		
CR-04	The RPS Solution provides a data entry field for:		Case Record		
CR-04 a	Case '#' Resolved? (Y/N) - where '#' is the LE Agency's case number entered at the time of the uploaded subject image.	M	Case Record		
CR-04 b	Date Case '#' was Resolved.	M	Case Record		
CR-04 c	Did FR Help Resolve the Case? (Y/N)	M	Case Record		
CR-05	The RPS Solution provides a mechanism to list case status.	M	Case Record		
	Case status results can be filtered by:		Case Record		
CR-05 a	Unresolved cases or resolved cases.	M	Case Record		
CR-05 b	User and/or by LE Agency.	M	Case Record		
CR-05 c	Date range.	M	Case Record		
CR-05 d	A minimum of three levels of sorting capabilities.	M	Case Record		
CR-06	The RPS Solution provides a mechanism to update, from a list, multiple submissions/records with updated status and dispositions.	M	Case Record		
DA-01	The RPS Solution has a Dashboard that is web-based and web-enabled.	M	Dashboard		
DA-01 a	The RPS Solution has a dashboard that is updated in real-time within a defined date/time interval (e.g., every 5 minutes).	M	Dashboard		
DA-02	The RPS Solution's dashboard displays the following:		Dashboard		
DA-02 a	The RPS Solution's current status (as graphical charts and/or numerical displays).	M	Dashboard		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
DA-02 b	Historical trends within both defined performance indicators and date period parameters.	M	Dashboard		
DA-02 c	Date period parameters.	M	Dashboard		
DA-03	The RPS Solution's dashboard enables filtered queries.	M	Dashboard		
	The RPS Solution's dashboard provides filtered queries by the following:		Dashboard		
DA-03 a	Entire system.	M	Dashboard		
DA-03 b	Specific LE Agency or group of agencies.	M	Dashboard		
DA-03 c	Date range (e.g., last 24 hours, prior week, prior month, defined date range).	M	Dashboard		
DA-03 d	Specific location (e.g., ORI [Originating Agency Identification] number) or multiple selectable locations.	M	Dashboard		
DA-04	The RPS Solution provides County's System Administrators an automated tool used for:		Dashboard		
DA-04 a	Monitoring interfaces for throughput and connectivity.	M	Dashboard		
DA-04 b	Notifying the LACRIS helpdesk with RPS System issues.	M	Dashboard		
DA-05	The RPS Solution restricts dashboard functionality access to only authorized Users.	M	Dashboard		
DA-06	The RPS Solution's dashboard displays, in real-time, when a User(s) exceeds a set number of searches within a designated period of time (e.g., 30 minutes).	O	Dashboard		
DA-06 a	The County System Administrator can configure the designated period of time.	O	Dashboard		
DC-01	The RPS Solution imports the following from the MS SQL legacy system:		Data Conversion		
DC-01 a	All existing records.	M	Data Conversion		
DC-01 b	All existing audit trail history for every record in the legacy system.	M	Data Conversion		
DC-01 c	All User/LE Agency activity.	M	Data Conversion		
DC-01 d	All seal/unseal activity.	M	Data Conversion		
DC-02	The RPS Solution assigns a unique identification number to each imported record originating from the legacy system.	M	Data Conversion		
DC-03	The RPS Solution ensures the imported records identified as 'sealed records' remain sealed and include all associated descriptive metadata.	M	Data Conversion		
DC-04	The RPS Solution's importing effort includes the initial full upload of all legacy system's historical data, multiple incremental data catch-ups covering periods of time from the prior catch-up period, prior to Go-Live, and during the two week phased implementation.	M	Data Conversion		
DC-05	For each data upload and catch-up, the RPS Solution provides a report of any entire record that fails in the import process.	M	Data Conversion		
DC-06	The RPS Solution provides a report for any record imported from the legacy system that is missing data, including, but not limited to:		Data Conversion		

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DC-06 a	A front-facing mugshot.	M	Data Conversion		
DC-06 b	MAIN number.	M	Data Conversion		
DC-06 c	SID number.	M	Data Conversion		
DC-06 d	FBI number.	M	Data Conversion		
DC-06 e	Booking Number.	M	Data Conversion		
DC-07	The RPS Solution imports existing saved mugbooks and lineups with all associated descriptive metadata.	M	Data Conversion		
DC-08	The RPS Solution provides a report of any mugbook, lineup or watchlist records that failed to import.	M	Data Conversion		
DC-09	The RPS Solution imports all existing watchlist records and associated descriptive metadata.	M	Data Conversion		
FR-01	The RPS Solution allows Users to perform a FR search on an uploaded subject image against the RPS Solution database.	M	Facial Recognition		
FR-02	The RPS Solution performs facial comparisons between subject image and potential candidate mugshots.	M	Facial Recognition		
FR-03	The RPS Solution displays a potential candidate list from the FR search.	M	Facial Recognition		
	The RPS Solution's potential candidate return list displays the following:		Facial Recognition		
FR-03 a	Highest matching score first, then in descending order.	M	Facial Recognition		
FR-03 b	A 'Deceased' watermark for those potential candidates that are flagged as deceased in the RPS Solution (e.g., those receiving a DCD [deceased] transaction from MBIS).	M	Facial Recognition		
FR-03 c	The RPS Solution displays the subject image first followed by potential candidate images arranged side-by-side by row.	M	Facial Recognition		
FR-04	The RPS Solution provides the ability to perform forensic-level and investigative-level facial comparisons using the following:		Facial Recognition		
FR-04 a	Curtain swipe.	M	Facial Recognition		
FR-04 b	Image pose correction.	M	Facial Recognition		
FR-04 c	Digital normalization.	M	Facial Recognition		
FR-05	The RPS Solution provides mobile FR functionality for multiple devices (e.g., Smart Phone, iPad, and Surface Pro) using a web browser.	M	Facial Recognition		
	The RPS Solution's Mobile FR functionality requires the following:		Facial Recognition		
FR-05 a	Two-factor User authentication on the mobile device.	M	Facial Recognition		
FR-05 b	Basic quality checking (e.g., determining facial features on the photo taken).	O	Facial Recognition		

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FR-06	The RPS Solution provides a process that records/documents how a facial element comparison between the subject and potential candidate images occurred, as performed by a User.	M	Facial Recognition		
	The RPS Solution's process for recording the comparison must meet the following criteria:		Facial Recognition		
FR-06 a	Complies with the Facial Identification Scientific Working Group's (FISWG) current "Facial Image Comparison Feature List for Morphological Analysis" guide (https://fiswg.org/FISWG_Morph_Analysis_Feature_List_v2.0_20180911.pdf).	M	Facial Recognition		
FR-06 b	Produces a comparison report for use in trial cases [refer to Attachment A.11 (Sample Morphological Comparison Report) to Appendix A (Statement of Work)].	M	Facial Recognition		
FR-06 c	The comparison report's print job is captured in the RPS Solution's audit trail.	M	Facial Recognition		
FR-07	The RPS Solution includes one CJIS-compliant FR algorithm, which has been NIST tested and listed on the FBI's FRTE 1:N Identification: https://pages.nist.gov/frvt/html/frvt1N.html Proposer's selected FR algorithm must be from a commercial organization which scored at or above the following factors in the FBI's FRTE 1:N Identification "Investigation by Developer": a. Mugshot to Mugshot "N = 12,000,000" – top 75 b. Mugshot to Webcam "N = 1,600,000" – top 50	M	Facial Recognition		
FR-08	Proposer's RPS FR algorithm enterprise subscription must comply with the following:		Facial Recognition		
FR-08 a	Be currently available as an enterprise license subscription, where any authorized RPS Solution User, regardless of LE Agency/entity, can use the algorithm when performing FR comparisons.	M	Facial Recognition		
FR-08 b	Includes regular FR manufacturer's product updates.	M	Facial Recognition		
FR-09	The RPS Solution's FR algorithm match-threshold score levels (e.g., high certainty, medium certainty, low certainty) are configurable by the Contractor, as evaluated/determined by LACRIS.	M	Facial Recognition		
IM-01	The RPS Solution allows Users to upload/save a subject image with a unique RPS-assigned text ID number that can be queried.	M	Image Management		
IM-02	The RPS Solution allows Users to do the following when uploading a subject image:		Image Management		
IM-02 a	Apply a description.	M	Image Management		

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IM-02 b	Apply a unique text-based LE Agency Identifier (e.g., case number).	M	Image Management		
IM-03	The RPS Solution allows Users to view an individual image record, including all identifiers.	M	Image Management		
IM-04	The RPS Solution requires all Users to enter a reason/purpose for accessing an existing image record. The reason/purpose field's maximum size is 64 alpha-numeric characters.	M	Image Management		
IM-05	The RPS Solution allows a User to print a subject image containing metadata, which is configurable to specification provided by County Project Manager.	M	Image Management		
IM-06	The RPS Solution allows a User to print a case record in PDF format.	M	Image Management		
	The PDF document includes:		Image Management		
IM-06 a	The subject image.	M	Image Management		
IM-06 b	The case record's metadata (configuration to be provided to Contractor by LACRIS).	M	Image Management		
IM-07	The RPS Solution's printing is accomplished* from within the RPS application. *No third party printing application or additional printing services allowed.	M	Image Management		
IM-08	The RPS Solution includes mugbook parameters where multiple criminal mugshots are displayed on the screen. Parameters include, but are not limited to the following:		Image Management		
IM-08 a	Filtering characteristics (e.g., gender, hair color, age range).	M	Image Management		
IM-08 b	Solution default configuration (e.g., number of rows and columns), with proceeding to the next display as if a User is turning a hardcopy page.	M	Image Management		
IM-08 c	User-modified configurations.	M	Image Management		
IM-09	When selecting an image in a mugbook, the RPS Solution displays that image enlarged, and includes the metadata related to that arrest record.	M	Image Management		
IM-10	All mugshot photos displayed within a single RPS screen, regardless of the RPS module, are resized with the same aspect ratio for front and profile images.	M	Image Management		
IM-10 a	The aspect ratio of all resized photos is replicated in the print output.	M	Image Management		
IM-11	When processing an image using enhanced image editing tools, the RPS Solution allows Users to perform, including but not limited to, the following functionality:		Image Management		
IM-11 a	Resize the image.	M	Image Management		
IM-11 b	Crop out items (e.g., subject's baseball cap, sunglasses).	M	Image Management		
IM-11 c	Plot eye location and other features from cropped areas.	M	Image Management		
IM-11 d	Rotate the image a full 180 degrees, in 90 degree increments.	M	Image Management		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
IM-11 e	Rotate the image incrementally, either clockwise or counter-clockwise, in at minimum 1 degree increments.	M	Image Management		
IM-11 f	Adjust the image (e.g., brightness, contrast, sharpness, exposure, saturation, intensity, and hue).	M	Image Management		
IM-11 g	Change the subject image background.	M	Image Management		
IM-11 h	Convert two-dimensional facial images into three-dimensional avatars that can be rotated and viewed from any angle.	M	Image Management		
IM-12	The RPS Solution allows Users to be part of a security group(s) having appropriate security permissions to seal and unseal a RPS record.	M	Image Management		
IM-13	When a RPS record is sealed or unsealed, the RPS Solution submits e-mail notifications to all Users who historically printed or saved the impacted RPS record.	M	Image Management		
IM-14	The RPS Solution links all records according to their MBIS-generated MAIN number.	M	Image Management		
IM-15	The RPS Solution allows a User to e-mail their FR comparison findings to another User.	M	Image Management		
IM-15 a	The e-mail will include a hyperlink to the FR comparison results.	M	Image Management		
IM-16	The RPS Solution is capable of receiving uploaded video files (e.g. MP4, AVI) for successive processing within the same browser session.	M	Image Management		
IM-17	The RPS Solution displays (in an order and format defined by County*) all potential candidate mugshot images stored in the Solution. *Please refer to Attachment A.8 (Sample Candidate List) to Appendix A (Statement of Work).	M	Image Management		
IM-17 a	The RPS Solution displays an "M" icon on the top right corner of the booking photo for all potential candidates who have multiple bookings.	M	Image Management		
IM-17 b	The RPS Solution displays an "R" icon on the top left corner of the most recent booking photo for all potential candidates who have multiple bookings.	M	Image Management		
IM-17 c	The RPS Solution displays a "T" icon on the bottom right corner of booking photo for all potential candidates who might have a twin or triplet.	M	Image Management		
IM-17 d	The RPS Solution displays a "D" icon on the bottom left corner of booking photo for all potential candidates who are deceased.	M	Image Management		
IM-17 e	The RPS User can toggle on/off, for each sub-requirement above, any display icon.	M	Image Management		
IM - 17 f	The RPS Solution allows the User to switch between individual category images (front image, left profile, or right profile).	M	Image Management		
IM-18	When the User selects any image on the candidate list, a context menu appears offering the following actions:		Image Management		
IM-18 a	Find linked records, based on multiple bookings for the same MAIN/SID.	M	Image Management		

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IM-18 b	Find similar – FR, based on that image's facial characteristics.	M	Image Management		
IM-18 c	Find similar – Info, based on the demographic and/or physical characteristics (e.g., male between the age of 20 to 35, Caucasian, blonde hair) of that selected image.	M	Image Management		
IM-18 d	View record image and data, opens the booking record containing all mugshot angles and data (e.g. MAIN/SID/case numbers, subject's demographic, and arrest charge(s)).	M	Image Management		
IM-18 e	View record data only, same as IM-18 d above, but without the mugshots.	M	Image Management		
IM-18 f	View record's other images, opens all the images based on MAIN/SID from that subject booking and all other bookings.	M	Image Management		
IM-18 g	Print record (in a standardized format designed by County).	M	Image Management		
IM-19	The RPS Solution provides a dropdown field where a User selects a reason for sealing or unsealing a record (e.g., court order, expungement, other (with text entry up to 256 characters)).	M	Image Management		
IM-20	The RPS Solution automatically labels an incoming Interface transaction from an external system as 'Confidential' (e.g., high profile arrest, celebrity or government official) based on a defined NIST field in the NIST Type-2 record.	M	Image Management		
	Based on the value in the Type-2 record field, the record would be one of the following:		Image Management		
IM-20 a	Marked as confidential (only showing minimum data fields as determined by County).	M	Image Management		
IM-20 b	Booking data only, no photos visible.	M	Image Management		
IM-20 c	Limited booking data (e.g., Booking number, SID, FBI, DHS).	M	Image Management		
IM-21	The RPS Solution allows RPS System Administrators to assign Users the ability to lock down confidential bookings.	M	Image Management		
	The RPS Solution allows authorized Users to perform any of the following functions when a RPS record has been defined as a confidential arrest:		Image Management		
IM-21 a	Open/view the entire record, cannot modify.	M	Image Management		
IM-21 b	Open/view without mugshots, cannot modify.	M	Image Management		
IM-21 c	Modify.	M	Image Management		
IM-21 d	Print.	M	Image Management		
IM-22	The RPS Solution allows a User with appropriate security permissions to lock down a RPS record as a confidential arrest (e.g., politician, celebrity from a Livescan booking).	M	Image Management		
	The RPS Solution allows a User to identify the RPS record as either of the following:		Image Management		
IM-22 a	Marked as confidential (only showing minimum data fields as determined by County).	M	Image Management		

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IM-22 b	Booking data only, no photos visible.	M	Image Management		
IM-22 c	Limited booking data (e.g. Booking number, SID, FBI, DHS).	M	Image Management		
IM-23	The RPS Solution displays any RPS record, identified as confidential, with a "Confidential Record" watermark.	M	Image Management		
IM-24	The RPS Solution allows a User with appropriate permissions to unlock a previously locked RPS record.	M	Image Management		
IM-25	The RPS Solution allows Users creating a new case file to:		Image Management		
IM-25 a	Upload multiple images of the same subject.	M	Image Management		
IM-25 b	Generate/Assign a unique ID number for each image.	M	Image Management		
IM-25 c	Add a general description for each image (max 256 characters).	M	Image Management		
IM-26	When uploading multiple images of the same subject, the RPS Solution performs the following:		Image Management		
IM-26 a	FR search.	M	Image Management		
IM-26 b	Displays a combination of the results from the matching images.	M	Image Management		
IM-27	The RPS Solution is capable of capturing a subject's face from the extraction of a single video (one or more frame images).	M	Image Management		
IM-28	The RPS Solution determines the best frame image(s) when extracting a subject's face from a video.	M	Image Management		
IM-29	The RPS Solution should allow the User to do the following, prior to printing the hardcopy record:		Image Management		
IM-29 a	Preview the record result.	M	Image Management		
IM-29 b	Return to the RPS Solution's record result screen to edit the data elements.	M	Image Management		
IM-29 c	Preview record again until the desired outcome is realized, then print the hardcopy record.	M	Image Management		
IM-30	The RPS Solution supports searches, within the RPS application, for potential candidate matches in the following order:		Image Management		
IM-30 a	Local RPS database.	M	Image Management		
IM-30 b	A single selectable FREN partner.	M	Image Management		
IM-30 c	Multiple selectable FREN partners.	O	Image Management		
IM-31	The RPS Solution's potential candidate list, that the image originated from, displays the following:		Image Management		
IM-31 a	Local RPS Database or the FREN Agency(ies).	O	Image Management		
IM-31 b	The potential candidate's assigned SID/FBI numbers.	O	Image Management		

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IM-32	The RPS Solution provides a process that records/documents all processing functions when processing an image using enhanced image editing tools.	M	Image Management		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
LI-01	The RPS Solution allows Users with appropriate security permissions to create, save, edit, and/or view a line-up, in any combination.	M	Line-up		
LI-01 a	The RPS Solution assigns a unique ID number to all newly created line-ups.	M	Line-up		
LI-02	The RPS Solution allows Users with appropriate security permissions to apply a unique agency ID (or case number) and/or a free text description (e.g., subject), when saving a newly created line-up.	M	Line-up		
LI-03	The RPS Solution allows Users with appropriate security permissions to search and retrieve a saved line-up using one of the following:		Line-up		
LI-03 a	User ID.	M	Line-up		
LI-03 b	The full name of the User who created it, where the RPS Solution displays the User ID.	M	Line-up		
LI-04	The RPS Solution allows Users with appropriate security permissions to print any line-up from their ORI (including configurable identifiers (e.g., MAIN number, LE Agency case number)).	M	Line-up		
LI-05	The RPS Solution sends an e-mail notification to the User who originally flagged a suspect on their watchlist, when the flagged suspect is used in a line-up by another User.	M	Line-up		
LI-05 a	The e-mail notification includes a hyperlink to the case record.	M	Line-up		
LI-05 b	The e-mail notification includes contact information for the User who created the line-up.	M	Line-up		
LI-06	The RPS Solution allows Users to designate how many images are in a line-up.	M	Line-up		
LI-07	The RPS Solution supports LE Agency-specific business processes in creating/saving a line-up, as follows:		Line-up		
LI-07 a	User provides detective a number of candidate photos (e.g., 12) against a subject image.	O	Line-up		
LI-07 b	Detective narrows photo list down to 6 candidates.	O	Line-up		
LI-07 c	User generates 6 photo line-up report for detective.	O	Line-up		
LI-08	The RPS Solution allows Users with appropriate security permissions to create and save a virtual line-up for a witness review.	M	Line-up		
LI-09	The RPS Solution allows Users to identify, for each lineup result, the primary potential candidate subject image in that lineup and the candidate's identifiers (e.g., SID).	M	Line-up		
LI-10	The RPS Solution displays a virtual line-up, one image at a time, as follows:		Line-up		
LI-10 a	Each image presented will be identified with a unique number or letter (e.g., A, B, etc.).	M	Line-up		

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LI-10 b	Provides navigation buttons (e.g., proceed to next image, go back to prior image, select this image as the suspect).	M	Line-up		
LI-10 c	Allows the witness to select/flag the specific photo that best matches the suspect.	O	Line-up		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
LI-10 d	The witness flagged photo displays a watermark or other clear identifier (e.g., suspect) on the screen over or next to the image, when the witness selects the suspect's image.	M	Line-up		
LI-11	The RPS Solution allows a User to shuffle all potential candidate images, as preferred, using the following:		Line-up		
LI-11 a	Virtual line-up.	M	Line-up		
LI-11 b	Printed line-up card.	M	Line-up		
LI-12	The RPS Solution, regardless of line-up type, does not display the identity of the User's selected primary candidate subject.	M	Line-up		
LI-13	The RPS Solution records and displays the results of a virtual line-up to the User.	M	Line-up		
LI-14	When using a printed line-up card, the RPS Solution allows a User to enter the witness' identified suspect.	M	Line-up		
LI-15	The RPS Solution notifies all applicable RPS Users if the selected subject candidate image(s) from their lineup matches a subject candidate image(s) from all other User-created lineup(s).	M	Line-up		
LI-15 a	User(s) can toggle the notification on/off on a lineup and or subject images.	M	Line-up		
LI-16	The RPS Solution captures all action taken by a witness during a virtual line-up.	M	Line-up		
LI-17	The RPS Solution allows Users to create a Line-up using candidates generated from a FREN search.	M	Line-up		
LO-01	The RPS Solution allows Users to securely logon using LASD's ADFS.	M	Login		
LO-02	The RPS Solution supports session lock-out after a defined number of minutes of User inactivity (which reduces the number of concurrent RPS Users).	M	Login		
LO-02 a	The session lock-out duration is configured by Contractor.	M	Login		
LO-02 b	The session lock-out duration is configured by the RPS System Administrator.	O	Login		
LO-03	The RPS Solution will perform the following when a User's session is locked out due to inactivity:		Login		
LO-03 a	Save the record with the User's values entered, including the data entry screen that the User used last.	M	Login		
LO-03 b	Upon login at that workstation/device, the User returns to the last data entry screen, including the field data values the User previously entered before lock-out.	M	Login		
LO-04	The RPS Solution supports a User's account lock-out after a configurable number of days of User inactivity.	M	Login		
LO-04 a	For account lock-out, the number of days of User inactivity is configurable by the RPS System Administrator.	M	Login		
LO-04 b	To regain access into the RPS Solution, the User is required to log in using a two-factor authentication process.	M	Login		
LO-05	The RPS Solution restricts a User's login to one active session.	M	Login		

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| LO-05 a | If the User attempts to log into the RPS Solution for a second time, at a different workstation or other device, the RPS Solution will prompt the User with the following:
a) System log out of their original active session, or
b) Cancel the login process. | M | Login | | |

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
LO-06	The RPS Solution supports a minimum of 450 concurrent Users having active sessions in the RPS production environment (using one or more active processes in any of the central servers (refer to TE-83 to TE-86)).	M	Login		
LO-07	The RPS Solution supports a minimum of 100 concurrent Users having active sessions in the RPS training environment (using one or more active processes in any of the central servers (refer to TE-83 to TE-86)).	M	Login		
LO-08	The RPS Solution supports a minimum of 50,000 User profiles from ADFS.	M	Login		
LO-09	The RPS Solution restores the User's auto sizing settings, per workstation/device, upon logout and log back in.	O	Login		
PB-01	The RPS Solution allows Users to create posters/bulletins from an image within the RPS application or uploaded from an external source, including but not limited to:		Posters/ Bulletins		
PB-01 a	Wanted persons.	M	Posters/ Bulletins		
PB-01 b	Missing persons.	M	Posters/ Bulletins		
PB-01 c	Attempt to identify.	M	Posters/ Bulletins		
PB-01 d	Be On the Look Out (BOLO).	M	Posters/ Bulletins		
PB-02	The RPS Solution includes and maintains approximately 30 customizable unique template posters/flyers for use by any LE Agency.	M	Posters/ Bulletins		
PB-03	The RPS Solution allows a User to save all posters/bulletins in PDF format.	M	Posters/ Bulletins		
PB-03 a	The RPS Solution allows a User to print and/or e-mail all posters/bulletins in PDF format.	M	Posters/ Bulletins		
RE-01	The RPS Solution will export its system reports to the most-current Excel version containing data only in actual rows/columns, stripping out all report headers and footers.	M	Reporting		
RE-02	The RPS Solution will export its system reports to CSV (comma separated value) format, where data is extracted by actual columns and all report headers and footers are removed.	M	Reporting		
RE-03	The RPS Solution allows authorized Users to create comparison reports using reporting standards based on the FISWG.	M	Reporting		
RE-04	The RPS Solution has the ability to export reports to DOCX (Microsoft Word Document) format.	O	Reporting		
RE-05	The RPS Solution allows Users to extract from a User-defined date/time range for, at minimum:		Reporting		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments
RE-05 a	Database Record counts.	M	Reporting		
RE-05 b	Total number of Users.	M	Reporting		
RE-05 c	All FR search counts (within the RPS Solution and from FREN).	M	Reporting		
RE-05 d	Image counts (including Mugshots, Probe Images and SMTs).	M	Reporting		
RE-05 e	BOLO counts.	O	Reporting		
RE-05 f	Watchlist counts.	M	Reporting		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
RE-06	The RPS Solution allows Users to create/modify/save ad hoc customizable report designs for any data within the RPS Solution, based on selected data tables, fields and subject image(s) (excluding restricted audit information).	M	Reporting		
RE-07	The RPS Solution allows Users with appropriate security permissions the functionality to run ad hoc reports based on a customized report design.	M	Reporting		
RE-08	The RPS Solution allows Users with appropriate security permissions to compile/extract audit trail data reports.	M	Reporting		
	Audit trail report(s) include, at minimum, the following:		Reporting		
RE-08 a	All actions taken on a subject image(s).	M	Reporting		
RE-08 b	All activity for a specific case, line-up, bulletin, etc.	M	Reporting		
RE-08 c	Specific actions taken by a User (active and inactive), within a date range.	M	Reporting		
RE-09	The RPS Solution includes an administrative report to query a specific record and provide detailed audit trail data.	M	Reporting		
	Detailed audit information for the specific records includes, at a minimum, the following:		Reporting		
RE-09 a	User who added the record.	M	Reporting		
RE-09 b	User(s) who edited the record.	M	Reporting		
RE-09 c	User(s) who viewed the record and purpose/reason for access.	M	Reporting		
RE-10	The RPS Solution has the ability to allow LE Agencies the option to receive automatic periodic (weekly, monthly, quarterly, yearly, specified date range) administrative reports that provide information for that specific LE Agency.	M	Reporting		
	Administrative report(s) include, but are not limited to:		Reporting		
RE-10 a	Total new records.	M	Reporting		
RE-10 b	Total Users who accessed the RPS Solution from that LE Agency (with a link to view the actual usernames who accessed the system).	M	Reporting		
RE-10 c	Users from specific LE Agencies who accessed the legacy system (with a link to view the actual usernames who accessed the system).	O	Reporting		
RE-10 d	Total FR transactions for that LE Agency.	M	Reporting		
RE-10 e	Total new watchlists created.	M	Reporting		
RE-10 f	Total possible matches on current watchlists.	M	Reporting		
RE-10 g	Total new records sealed (with a link to see who performed what action).	M	Reporting		
RE-10 h	Total records unsealed (with a link to see who performed what action).	M	Reporting		
RE-10 i	Total records with manual edits of record data imported from other systems (with a link to those individual records).	M	Reporting		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
RE-10 j	Total records with image issues (e.g., quality, enrollment issues, mismatched photos).	M	Reporting		
RE-10 k	Total User queries.	M	Reporting		
RE-11	For all sealed and unsealed transactions, the RPS Solution includes the following:		Reporting		
RE-11 a	Reports which identify Users who seal or unseal individual records.	M	Reporting		
RE-11 b	Selected records audit trail history.	M	Reporting		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
RE-11 c	User audit trail history.	M	Reporting		
RE-12	The RPS Solution's reporting functionality allows RPS System Administrators to extract statistics pertaining to deleted records (e.g., deleted watchlists).	M	Reporting		
RE-13	All RPS Solution reports have the ability to save/print in PDF format.	M	Reporting		
RE-14	The RPS Solution includes exception report functionality which identifies records with missing vital data (e.g. MAIN, SID, and FBI) and mismatched identifiers (e.g., same subject records that have two or more MAIN/SID/FBI).	M	Reporting		
RE-15	The RPS Solution ensures access to available reports based on User's appropriate security permissions.	M	Reporting		
RE-16	The RPS Solution allows RPS System Administrators to design custom report formats using a 3rd party report writer (e.g. Crystal Reports).	M	Reporting		
RE-17	For all print jobs, the RPS Solution uses the workstation/device operating system print services with built-in printer dialog.	M	Reporting		
RE-18	The RPS Solution's reports are formatted using, at minimum, the following standards:		Reporting		
RE-18 a	Right justification of all table cells containing statistical values (calculated numbers, percentages, etc.). a) Numbers should be comma delimited (e.g. 9,999). b) Percentages should, at minimum, include 1 decimal (e.g. 99.9%).	O	Reporting		
RE-18 b	ID numbers (e.g. Case or Booking numbers) are left justified.	O	Reporting		
RE-18 c	Date field displays 'year' in 2 digits.	O	Reporting		
RE-18 d	Time values display in military time.	O	Reporting		
RE-18 e	Consistent font style.	O	Reporting		
RE-18 f	Where possible, word wrap the field content values (versus truncation).	O	Reporting		
RE-18 g	Primary, secondary and tertiary sort must be clearly identified. a) If the primary sort is NOT the leftmost column, then in the column header title will show '↓' after column description, indicating that's the primary sort column.	O	Reporting		

RE-18 h	Page 1 Header to include:
	a) LE Agency logo on the left and LACRIS logo on the right;
	b) System Name (Regional Photo System);
	c) Report Title; and
	d) Report Parameters – e.g.
	  (i) LE Agency Name (when applicable) selected.
	  (ii) Date and Time range selected.
		O	Reporting		

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| RE-18 i | Page 1 Footer to include:
    a) Date/time the report was generated;
    b) User ID (report is generated by);
    c) Page x of y; and
    d) Report sort sequence (e.g., primary, secondary, and
       tertiary). | O | Reporting | | |

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement

RE-18 j	Page 2 (and beyond) Header to minimize the page's top margin.
	    a) LE Agency logo on the left and LACRIS logo on the right.
	    b) Report Title.
		O	Reporting		

RE-18 k	Page 2 (and beyond) Footer to minimize the page's bottom margin.
	    a) Date and time report was generated.
	    b) Page x of y.
		O	Reporting		

RE-18 l	Header columns titles are to be printed on every page.	O	Reporting		
RE-18 m	Provide subtotal rows at the end of each sorted parameter (e.g., date and LE Agency), and a grand total row at the end of the report.	O	Reporting		
RE-19	The RPS Solution captures statistical data from external LE sources (e.g. resolved cases using FREN, (refer to TE-50)).	O	Reporting		
RE-20	The RPS Solution clearly describes each report's function/purpose to User(s).	O	Reporting		
RE-21	The RPS Solution includes the ability to redact reports.	M	Reporting		
SE-01	The RPS Solution allows Users to search for records against any data field in the Database, using a single text box search function (e.g., Google Fuzzy matching search https://cloud.google.com/dialogflow/es/docs/entities-fuzzy) in order for User to find the most relevant and useful results.	M	Search		
SE-02	For fields which are code dependent (e.g., Charge Code), the RPS Solution allows the User to also search by that code's description field.	M	Search		
SE-03	The RPS Solution's search capabilities allow multiple selections from tabled data (e.g., for the 'Tattoo Location' field, Users should be able to select more than just one value in that table).	M	Search		
SE-04	The RPS Solution allows Users to filter mugshots by only suspects presently in custody (as maintained by AJIS), and display the suspect's housing location description.	M	Search		
SE-05	The RPS Solution allows search results to be presented to the User in a new browser tab, as specified by the User (e.g., User right-clicks link and selects 'Open link in new tab').	O	Search		
TE-01	The RPS Solution allows RPS System Administrators to configure the minimum and maximum number of images on a candidate return list.	M	Technical		

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APPENDIX B
SOLUTION REQUIREMENTS RESPONSE MATRIX

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-02	The RPS Solution interfaces with external systems, as identified and summarized in Attachment A.6 (RPS Interfaces) to Appendix A (Statement of Work).	M	Technical		
TE-03	The RPS Solution allows ODBC function calls to/from external systems.	M	Technical		
TE-04	The RPS Solution notifies Users, via pop-up, when an Interface query results from an external system is not received within 30 seconds.	M	Technical		
TE-05	The RPS Solution is browser-based and fully compatible with the current and last preceding version of Microsoft Edge and Google Chrome.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-06	The RPS Solution meets and maintains FBI's CJIS compliance and security policy throughout the entire Term of the Contract.	M	Technical		
TE-07	The RPS Solution validates the User's data entry fields, as defined by DOJ, CJIS, and/or County.	M	Technical		
TE-08	The RPS Solution ensures each mandatory field is populated and validated before saving the final record.	M	Technical		
TE-08 a	The RPS Solution will notify the User which mandatory field(s) are out of compliance (e.g., highlighting applicable fields).	M	Technical		
TE-09	The RPS Solution adheres to tabled data entry fields for all data where a tabled dataset is available and provided.	M	Technical		
	Depending on the tabled data entry field, the RPS Solution:		Technical		
TE-09 a	Defaults the field value, based on the User's configuration, with the option for User to override.	M	Technical		
TE-09 b	Provides a look-up table (e.g., drop-down field) for the User to select the correct value from.	M	Technical		
TE-09 c	Allows the User to enter the field manually with predictive table values suggested.	M	Technical		
TE-10	The RPS Solution's UI dynamically auto sizes (e.g., Bootstrap) to allow seamless functionality for the following screen variables:	M	Technical		
TE-10 a	Resolutions.	M	Technical		
TE-10 b	Sizes.	M	Technical		
TE-10 c	Orientations.	M	Technical		
TE-11	The RPS Solution Interfaces and imports all available information from the County's MBIS (e.g., demographic information, agency report number, charges, etc.).	M	Technical		
TE-12	The RPS Solution allows a User to launch a search, locally and/or via an external digital mugshot source (e.g., FREN), all within the Solution.	O	Technical		
TE-12 a	The RPS Solution allows Users to select the external digital mugshot source from a drop down list in the UI of all available external digital mugshot sources.	O	Technical		
TE-13	The RPS Solution limits FREN searches from external users and/or LE Agencies, based upon defined criteria (number of hourly/daily/weekly searches) configurable by RPS System Administrators.	O	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-13 a	The RPS Solution notifies the LACRIS helpdesk, via e-mail, when external users and/or LE Agencies have reached the defined FREN search limit criteria.	O	Technical		
TE-14	The RPS Solution allows RPS System Administrators to set security permissions on any given data field to restrict viewing based on User security permissions.	O	Technical		
TE-15	The RPS Solution's UI contains execute icons large enough to easily select when using a touch screen monitor.	O	Technical		
TE-16	The RPS Solution allows authorized RPS System Administrators (LACRIS and Contractor) to notify Users of RPS System status notifications (e.g., RPS down for system maintenance, Cal-DOJ is down).	M	Technical		
TE-16 a	RPS system status notifications can be distributed globally to all Users, designated User(s), or Users from specific LE Agencies.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-16 b	When User logs into the RPS Solution, information notifications are boldly displayed on the login screen.	M	Technical		
TE-16 c	While User is logged in, the RPS Solution's information notifications are viewed as a pop-up message or icon alert (e.g. pill badge style).	O	Technical		
TE-17	The RPS Solution allows RPS System Administrators with appropriate security permissions the capability to do the following within the UI screen(s):		Technical		
TE-17 a	Rename field labels.	O	Technical		
TE-17 b	Add individual data entry fields (both label and data entry cell).	O	Technical		
TE-17 c	Add data entry fields as a table (with field labels as column headers).	O	Technical		
TE-17 d	Allow all data entry fields to include drop down values.	O	Technical		
TE-17 e	Add text/information fields.	O	Technical		
TE-17 f	Hide an existing field (both label and data entry cell).	O	Technical		
TE-17 g	Capture the data entry cell values in the Database in a separate table/field.	O	Technical		
TE-18	The RPS Solution detects quality control issues with every incoming mugshot, and tags any mugshot that is of poor quality.	O	Technical		
TE-18 a	If a mugshot is tagged, the RPS Solution immediately notifies the LACRIS helpdesk via e-mail, a list of any and all quality control issues.	O	Technical		
TE-18 b	The e-mail notification includes a hyperlink to the case's record.	O	Technical		
TE-19	The RPS Solution notifies the LE Agency e-mail group when there has been no activity/review by the User from the date of the first e-mail notification (see Requirement CR-06), after a configurable period of time.	O	Technical		
TE-20	The RPS Solution stores inmates' in-custody and release dates obtained from AJIS, via the JDIC interface controller.	O	Technical		
TE-21	The RPS Solution has live chat support capability, which allows the LACRIS helpdesk to have text-based conversations with User(s).	O	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-22	The RPS Solution includes mouse hover functionality at the field level, for displaying helpful information/instructions to the User.	O	Technical		
TE-23	The RPS Solution fully integrates the legacy system's imported audit trail within the RPS Solution's audit trail, allowing User(s) with appropriate security permissions to perform a single audit inquiry.	O	Technical		
TE-24	The RPS Solution captures a full and comprehensive CJIS-compliant audit trail, including all audit records from the legacy system that will be permanently retained throughout the entire Term of the Contract.	M	Technical		
TE-24 a	The CJIS-compliant audit trail is stored/accessible within the RPS Solution database, not from archived files.	M	Technical		
TE-25	The RPS Solution's audit trail stores all subject images that the User investigated and processed, as stated in Requirement FR-06.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-26	The RPS Solution tracks as part of the RPS Solution's audit trail, all instances when a mugshot and/or record has been released to:		Technical		
TE-26 a	The public.	M	Technical		
TE-26 b	Other LE entities (e.g., CHP), States outside California, and the FBI.	M	Technical		
TE-27	The RPS Solution includes functionality for searching audit trail history data, from both the Solution or legacy system's record(s), by using a single text box search function (e.g., google search mechanism).	M	Technical		
TE-28	The RPS Solution's UI screens include ease-of-use and UI intuitiveness to maximize Users' productivity, as stated in Task 6 (Design Review of Contractor's Customized COTS Solution, Final Design) of Attachment A.1 (Tasks and Deliverables) to Attachment A (Statement of Work).	M	Technical		
TE-29	When a User who created/originated a case record returns to that record at a later time, the RPS Solution notifies that User that the case record was updated by another User, identifying the other User(s).	O	Technical		
TE-30	As part of the User's profile, the RPS Solution saves the last table column position and sort orders as described in Requirement IM-16, used in viewing potential candidate prior arrest's mugshots/images and related booking data.	O	Technical		
TE-31	The RPS Solution accepts a record from MBIS that is missing a SID and/or FBI number, if the record contains a MAIN Number.	M	Technical		
TE-32	The RPS Solution is capable of unassigning and reassigning a case record to a different User.	M	Technical		
TE-33	The RPS Solution is capable of generating/viewing road maps for crime location(s) using open source mapping software (e.g., Google Maps), by linking crime location (e.g., intersections, addresses, business name) in the database.	O	Technical		

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TE-34	The RPS Solution allows a User to configure and save 'candidate return list screens' in their User profile, using at minimum the following:		Technical		
TE-34 a	Total number of candidates displayed on the screen, by row and column sort.	M	Technical		
TE-34 b	A widget for scrolling the screen to the next page, if the Solution returns more candidates than what is displayed on the initial screen.	M	Technical		
TE-34 c	Column order.	M	Technical		
TE-34 d	Column width.	M	Technical		
TE-34 e	Column sorting with a data-sort indicator shown in header row.	M	Technical		
TE-34 f	Filtered records (e.g., booking locations, subjects in custody).	M	Technical		
TE-35	The RPS Solution adheres to FBI's EBTS standards, Section 3.4.4, when sending/receiving FR requests, for at a minimum, the following transmission types:		Technical		
TE-35 a	FRS.	M	Technical		
TE-35 b	TXTSRCH.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-35 c	SRB.	M	Technical		
TE-35 d	ERRB.	M	Technical		
TE-36	The RPS Solution includes Hardware/Software remediation tools which automatically notify Contractor's helpdesk, via e-mail, of any and all issues.	M	Technical		
TE-37	All lookup tables are maintained in the RPS Solution, with emphasis on the table field values coming from external sources (e.g., charge codes from CalDOJ).	M	Technical		
TE-38	The RPS Solution has the ability for a User to manually upload a NIST file and create a new record for any transaction type.	M	Technical		
TE-39	The RPS Solution has the ability for a User to export a subject's single or multiple booking records, as a NIST compliant file available in multiple formats (XML, NIST, ZIP).	M	Technical		
TE-39 a	The RPS Solution's UI has an icon adjacent to the subject's displayed mugshot(s) for Users to export the subject's record(s).	M	Technical		
	The NIST compliant file includes the following:		Technical		
TE-39 b	The subject's selected images.	M	Technical		
TE-39 c	Any related demographic information.	M	Technical		
TE-39 d	Any other pertinent information (e.g., arrest data).	M	Technical		
TE-40	The RPS Solution's exporting feature allows the following methods:		Technical		
TE-40 a	Defaulting to the User's PC workstation for saving a file locally.	M	Technical		
TE-40 b	Sending the NIST compliant file, via e-mail, without the necessity of saving locally.	M	Technical		
TE-41	The RPS Solution captures User's exporting method in the RPS Solution's audit trail.	M	Technical		
TE-42	The RPS Solution only allows Users with appropriate security permissions to edit specific record fields within the UI (e.g., MAIN, SID, and FBI fields).	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-43	The RPS Solution uploads/stores all the participating LE Agencies' badge logos in its Database.	M	Technical		
TE-43 a	The RPS Solution displays the LE Agency's logo, based on the User's ORI, for posters/bulletins, line-ups, and other Agency-specific screens.	M	Technical		
TE-43 b	The RPS Solution prints the LE Agency's logo when printing documents (e.g., posters/bulletins, line-ups) to hardcopy.	M	Technical		
TE-44	The RPS Solution's UI has both the LACRIS logo and the logged-in User's specific LE Agency logo based on the User's ORI, as opposed to vendor-specific logo.	M	Technical		
TE-45	The RPS Solution's UI has a widget adjacent to each subject's record, allowing the User to print the subject's record and image(s) in a pre-defined report format to be designed during implementation.	M	Technical		
TE-45 a	User can select all or individual category images (e.g., mugshots, side views, SMTs, or other).	M	Technical		
TE-46	The RPS Solution includes a problem work queue which will identify all business process/quality control issues, for resolution by RPS System Administrators.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
	The problem work queue will, at minimum, identify the following quality control issues:		Technical		
TE-46 a	Record updates that contain different field values (e.g., MAIN, SID, FBI) from the original record.	M	Technical		
TE-46 b	Incoming duplicate record transactions (e.g., transaction resent by MBIS).	M	Technical		
TE-46 c	Missing mandatory data (e.g. MAIN, SID, and FBI).	M	Technical		
TE-46 d	Records with mismatched identifiers (e.g., same subject record having two or more MAIN/SID/FBI numbers).	M	Technical		
TE-46 e	Enrolled images and/or images that cannot be enrolled.	M	Technical		
TE-46 f	E-mail issues for failed e-mail attempts (e.g., deactivated e-mail address at agency).	M	Technical		
TE-47	The RPS Solution includes at minimum, 10 individual webservice Interfaces to/from other external systems (e.g., CCHRS, CopLink, LE Agency's RMS system(s)) to retrieve specific subject images and related data from the RPS Database, using a defined methodology (see Attachment A.7 (Web Service Interface for Federated Systems) to Attachment A (Statement of Work) for details).	M	Technical		
TE-48	The RPS Solution retains all database records, including records (e.g., watchlist entries) that were deleted by the User.	M	Technical		
TE-49	The RPS Solution supports an Interface with the County's consolidated booking system (currently AJIS) using the following:		Technical		
TE-49 a	TCP/IP (current interface method).	M	Technical		
TE-49 b	Database-stored procedure calls.	M	Technical		
TE-49 c	Webservices (e.g., GJXDM/NIEM), slated as a future interface method.	M	Technical		
TE-50	When notifying the User/LE Agency in Requirement CR-02, the RPS Solution allows RPS System Administrators to configure the time intervals between e-mail reminders.	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-51	The RPS Solution provides a NIEM complaint webservice FREN, for the sharing of FR services between LE Agencies or counties, using the same or different RPS vendors.	M	Technical		
	The NIEM compliant webservice includes, at a minimum, the following capabilities (Refer to Attachment A.9 (FREN Interface Design Guide) to Appendix A (Statement of Work) for details):		Technical		
TE-51 a	An initial FR search with a potential candidate list response of a default number of returns.	M	Technical		
TE-51 b	Requests additional potential candidate return sets beyond the initial list in TE-50 a.	M	Technical		
TE-51 c	Identifies the external source of the potential candidates' images.	M	Technical		
TE-51 d	Views full booking detail, including all image types (mugshots, side view, SMT) and other demographic info, for each potential candidate on the return list.	M	Technical		
TE-51 e	Retrieves all other booking records of a selected potential candidate in TE-50 c, including full content above.	M	Technical		
TE-51 f	Enrolls image on the external system as a watchlist.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-51 g	Deletes images that you enrolled on the external system.	M	Technical		
TE-51 h	Queries external system to request a list of all enrolled records based on ORI.	M	Technical		
TE-51 i	Processes sealed/unsealed record notifications from an outside FREN partner.	M	Technical		
TE-51 j	Notifies the User, via e-mail, when a sealed/unsealed notification is received from an outside FREN partner.	M	Technical		
TE-51 k	Processes the case disposition (e.g., hit/match, no match) and records transaction for statistical reporting.	M	Technical		
TE-51 l	Records all search transaction attempts for statistical reporting.	O	Technical		
TE-52	The RPS Solution is capable of registering/maintaining all portable devices (e.g. Smart Phone, iPad, Surface Pro), via the device's uniquely assigned device address (e.g. MAC, IMEI), prior to permitting FR functionality access for that device (see FR-05).	M	Technical		
TE-53	The RPS Solution includes functionality where the User receives an e-mail notification when a mobile ID User obtains a hit on a Mobile ID device search transaction from a watchlist entry.	M	Technical		
	The e-mail notification includes the following information:		Technical		
TE-53 a	All information related to the watchlist entry.	M	Technical		
TE-53 b	Mobile ID User's name.	M	Technical		
TE-53 c	Mobile ID User's e-mail address.	M	Technical		
TE-53 d	Mobile ID User's phone number.	M	Technical		
TE-53 e	Mobile ID User's ORI.	M	Technical		
TE-53 f	Device search transaction's date/time.	M	Technical		
TE-53 g	Other data from the Mobile ID device search transaction (e.g., MAIN, SID).	M	Technical		
TE-54	The RPS Solution allows a User to receive an e-mail notification if another User flags the same suspect's mugshot.	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments
TE-55	The RPS Solution marks all subject records as 'DECEASED' when a DCD transaction is received from MBIS.	M	Technical		
TE-56	The RPS Solution provides/displays a toggle field within a record when the subject is a possible twin or triplet with other records.	M	Technical		
TE-57	The RPS Solution identifies a BOLO subject as, at minimum, one of the following:		Technical		
TE-57 a	Parolee-at-large.	M	Technical		
TE-57 b	Person of Interest.	M	Technical		
TE-57 c	Witness to crime.	M	Technical		
TE-58	The RPS Solution supports County provided virus protection software (currently McAfee Enterprise Antivirus™).	M	Technical		
TE-59	The RPS Solution stays in sync with County defined Network Time Protocol (NTP) server.	M	Technical		
TE-60	The RPS Solution incorporates all Software, including licensing for all required Third Party Software, so that the Solution functions seamlessly.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-61	The RPS Solution adheres to network communications requirements per the 'Information Security Requirements' listed in Schedule C.1 (County - Information Security and Privacy Requirements) to Schedule C (Service Level Agreement).	M	Technical		
TE-62	The RPS Solution encrypts PII data, based on CJIS, CORI and County data security requirements (County data security requirements may be found in Schedule C.4 (Compliance with Departmental Encryption Requirements) to Schedule C (Service Level Agreement)).	M	Technical		
TE-63	The RPS Solution adheres to Paragraph 7.0 (Audit Logging and Reporting) of Schedule C.4 (Departmental Application Security Requirements) to Schedule C (Service Level Agreement), including full audit capabilities accessible by RPS System Administrators with appropriate security permissions.	M	Technical		
TE-64	The RPS Solution automatically sends out e-mail reminders to Users when their aged watchlist record remains open/unresolved for a predefined period of time.	M	Technical		
TE-64 a	The RPS Solution sends additional e-mail reminders, as defined by County (e.g. a LE Agency group e-mail address), if there is no response from User in TE-64.	M	Technical		
TE-64 b	All the e-mail time intervals above are configurable, as defined by County.	M	Technical		
TE-64 c	The e-mail reminder, as defined by County, includes a hyperlink to the subject watchlist record, as described in Requirements WA-02 and WA-04.	M	Technical		
TE-65	The RPS Solution keeps an audit trail history of all transactions saved and/or submitted via any Interface(s).	M	Technical		
	The transaction log contains, at minimum:		Technical		
TE-65 a	Date/time of transaction.	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments
TE-65 b	Transaction number.	M	Technical		
TE-65 c	Booking or case number (if applicable).	M	Technical		
TE-65 d	User actions with timestamps.	M	Technical		
TE-65 e	System actions with timestamps.	M	Technical		
TE-65 f	Name, gender, race and date of birth of the subject (if applicable).	M	Technical		
TE-66	The RPS Solution's audit trail history is permanently retained.	M	Technical		
TE-67	The RPS Solution's supports HTML5, so that User workstations will NOT require the downloading of web client plugin file extensions on the workstation's CPU, for some or all Software functionality.	M	Technical		
TE-68	The RPS Solution allows RPS System Administrators to compile reports on all User login activity.	M	Technical		
	User login activity reports include, at a minimum, the following parameters:		Technical		
TE-68 a	Either User name or User ID.	M	Technical		
TE-68 b	All Users by either LE Agency or ORI.	M	Technical		
TE-68 c	Successful login details including how the login occurred (e.g., ADFS authentication, HTTP cookies, Dual authentication for locked-out account).	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-68 d	Date/time range (e.g., prior month).	M	Technical		
TE-68 e	Locked account.	M	Technical		
TE-68 f	Unlocked account.	M	Technical		
TE-69	The RPS Solution saves a User's UI display preferences at logoff, and presents the same preferences after login.	M	Technical		
TE-70	The RPS Solution includes navigation tools (e.g., screen tabs, command buttons) for a User to navigate from one data entry screen to another.	M	Technical		
TE-71	The RPS Solution allows Users with appropriate security permissions to lock or unlock different User accounts.	M	Technical		
TE-71 a	When a User account is locked by a RPS System Administrator, a User with lock/unlock permissions cannot unlock that account.	M	Technical		
TE-72	The RPS Solution's User profile includes dates of significance (e.g., date User account was created, last logon date, last User record edit date).	M	Technical		
TE-73	The RPS Solution does not include access to privately owned non-criminal FR data photos/records (e.g., data scraping photos from social media sources).	M	Technical		
TE-74	The RPS Solution's photos are solely managed in the Contractor's databases, not from a free "unmanaged" or public-facing database (e.g., internet social media sites).	M	Technical		
TE-75	The RPS Solution's functionality resembles the UI screen mockup displayed in Attachment A.5 (User Screen Mockup) to Appendix A (Statement of Work).	M	Technical		
TE-76	The RPS Solution provides advance warning, via e-mail notification, to the LACRIS helpdesk when the RPS Solution is detecting eminent failure/or system degradation (e.g., server hard drive failure, server response time).	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments
TE-77	The RPS Solution utilizes SSO for all functionality within the Solution (e.g., Case Record, FREN, System Admin, Report generation).	M	Technical		
TE-78	The RPS Solution allows Users to be assigned to multiple security groups.	M	Technical		
TE-79	All components of the RPS Solution utilize centralized User security group roles.	M	Technical		
TE-80	The RPS Solution allows a User to log in when the ADFS Interface is down. Proposers shall provide their vision to accomplish this functionality.	M	Technical		
TE-81	For Users belonging to multiple security groups, the RPS Solution applies the highest permission levels of any group that a User belongs to.	M	Technical		
TE-82	The RPS Solution is compliant with the most recent version of the following standards:		Technical		
TE-82 a	NIST - Types 1, 2, 4, 8, 9, 10, 14, 15, and 17, as well as additional future types within 6 weeks of publication.	M	Technical		
TE-82 b	EBTS.	M	Technical		
TE-82 c	Cal-DOJ NIST.	M	Technical		
TE-82 d	FBI/CJIS.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-82 e	American National Standards Institute/National Institute of Standards and Technology (ANSI/NIST) http://www.nist.gov/itl/iad/ig/ansi_standard.cfm.	M	Technical		
TE-82 f	LA County NIST Data Types (Attachment A.10 to Appendix A (Statement of Work).	M	Technical		
TE-82 g	The RPS Solution remains compliant with the standards listed above in TE-82 a through TE-82 e, throughout the Term of the Contract, as new Federal/State versions are published.	M	Technical		
TE-83	The RPS Solution includes intuitive touchscreen capabilities for use on any County-owned electronic device that has this technology.	M	Technical		
TE-84	The RPS Solution's Secondary CJIS-Compliant Cloud Solution for the Recovery Environments meets the following requirements:		Technical		
TE-84 a	Housed in a CJIS compliant cloud environment geographically separated from the Primary CJIS-Compliant Cloud.	M	Technical		
TE-84 b	Hot recovery site to the RPS Solution's primary cloud environment for passive system failover, in instances when the primary site is down for an extended period of time.	M	Technical		
TE-84 c	Includes all Hardware, Software licensing, and maintenance (i.e., Interfaces, O/S, database, virus scan, report writer and other Third-Party Software).	M	Technical		
TE-85	The RPS Solution's Primary CJIS-Compliant Cloud Solution for the Production and Test/Train Environments meets the following requirements:		Technical		
TE-85 a	Housed in a CJIS compliant cloud environment.	M	Technical		
TE-85 b	Includes all virtual Hardware, Software licensing, and maintenance (i.e., Interfaces, O/S, database, virus scan, report writer and other Third-Party Software).	M	Technical		

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TE-85 c	Includes two communication protocols to the County's data center site, as follows: a) Contractor-provided 100 mbit per second direct point-to-point communication line; and VPN connection via the internet (as backup).	M	Technical		
TE-86	The RPS Solution's CJIS-Compliant Cloud environment is replicated at the Secondary Data Center Recovery Site, including the database and application files as a backup.	M	Technical		
TE-87	The RPS Solution meets all System performance measurements specified in Schedule C.4 (Solution Response-Time Requirements) to Schedule C (Service Level Agreement).	M	Technical		
TE-88	The RPS Solution's server functionality includes a redundant data storage and backup.	M	Technical		
TE-89	The RPS Solution notifies User(s), via e-mail, when a flagged suspect's mugshot is printed, saved, or used in a line-up by another User.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-90	In instances when the RPS Solution receives a DCD transaction from MBIS, the RPS Solution sends out an e-mail notifications to all involved Users (e.g., created watchlist, in a mugbook).	M	Technical		
TE-91	The RPS Solution allows for external Interface transactions to perform complete and partial record sealing and expunging in RPS (e.g., MBIS can send a notification to RPS, and RPS will seal the record so Users cannot view the mugshot images).	M	Technical		
TE-92	The RPS Solution monitors, in real-time, any excessive use within the RPS Solution, performed by a User, LE Agency, and/or FREN participant.	M	Technical		
TE-92a	The RPS Solution allows the RPS System Administrator to configure real-time monitoring criteria (e.g., when a User launches more than 15 searches within a 30 minute period).	M	Technical		
TE-92b	The RPS Solution notifies the LACRIS helpdesk, via e-mail, when any excessive Solution use occurs, based on the real-time monitoring criteria.	M	Technical		
TE-93	The RPS Solution receives/returns queries based on each external source's (e.g., mobile identification devices, a neighboring county's FR system) Interface protocol.	M	Technical		
TE-94	The RPS Solution allows Users to flag themselves as 'away from office' and input an alternative LE Agency e-mail address.	O	Technical		
TE-94 a	The RPS Solution allows the RPS System Administrators to flag Users as 'away from office' when the User forgets.	O	Technical		
TE-94 b	In instances when this flag is set, all RPS-generated e-mails will be sent to this LE Agency's e-mail address.	O	Technical		
TE-95	The RPS Solution, for Requirement TE-94 above, allows Users or RPS System Administrators to set a date/time value for turning off the 'away from office' flag (e.g., Microsoft Outlook's Automatic Replies [Out of Office] functionality).	O	Technical		
TE-96	The RPS Solution's server operating system must:		Technical		
TE-96 a	Be the latest enterprise-grade release with matching support.	M	Technical		

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TE-96 b	Include a comprehensive patch management plan that ensures timely identification testing, and deployment of security patches and updates.	M	Technical		
TE-96 c	Have a clearly defined software update lifecycle policy that outlines regular release schedules, delineated support phases, and transparent end-of-support policies, ensuring the highest standards of security and reliability throughout the term of the contract.	M	Technical		
TE-96 d	Have an EOL date that extends beyond the term of the contract.	M	Technical		
TE-97	The RPS Solution has the ability for touchscreen navigation (e.g., swiping/moving from page to page).	O	Technical		
TE-98	The RPS Solution provides RPS System Administrators the functionality to perform full data export extractions (e.g., records, mugshots and SMT images) in XML, when requested by a LE Agency (e.g., Agency replacing RMS).	M	Technical		
TE-99	The RPS Solution provides RPS System Administrators the ability to restrict User access to RPS functions.	M	Technical		
TE-100	Functions that can be restricted by RPS System Administrators include, but are not limited to:		Technical		
TE-100 a	Case Record.	M	Technical		
TE-100 b	Dashboard.	M	Technical		
TE-100 c	FR search.	M	Technical		
TE-100 d	Image Management.	M	Technical		
TE-100 e	Reporting.	M	Technical		
TE-100 f	FREN.	M	Technical		
TE-100 g	Booking Data.	M	Technical		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TE-101	The RPS Solution includes, at a minimum, 10 individual web service API to external systems (e.g., Customer Relations Management, Track-It) to extract system reports from the RPS Database.	M	Technical		
TE-102	The RPS Solution has an integrated automated audit module for generating, reviewing and approving audits of User's reasons for searching within the Solution.	M	Technical		
TE-103	The RPS Solution's automated audit module's functions include, but are not limited to:				
TE-103 a	Automatically generating monthly audit data report based on agency ORI.	M	Technical		
TE-103 b	Utilizing User security group permissions to assigned roles, including: 　　1. ORI Administrators 　　2. System Administrator	M	Technical		
TE-103 c	Notifying ORI and System Administrators, via e-mail, when audit reports are ready for review and approval.	M	Technical		
TE-103 d	The email notification includes a hyperlink to the audit report.	M	Technical		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments

TE-103 e	Records audit actions for ORI Administrators including:
	   1. Approval of User search audits;
	   2. Notes for any non-compliant entries and the resolution steps taken; and
	   3. Submission of audit reports.
		M	Technical		

TE-103 f	Records audit actions for System Administrators including:
	   1. Reviews of pending audit reports and marks searches as non-compliant; and
	   2. Reviews of ORI Administrators submitted audit reports.
		M	Technical		

TE-103 g	Notifies User, via e-mail, when an ORI Administrator has marked their search as non-compliant.	M	Technical		
TE-104	The RPS Solution provides a link to the LACRIS Help Desk to submit a work order to report any issues with the system.	M	Technical		
TR-01	The RPS Solution's documentation is updated and maintained throughout the entire Term of the Contract (see Paragraph 11 (c) of Attachment A (Statement of Work).	M	Training		
TR-02	The RPS Solution's User manual, including video tutorials and help features, are imbedded within the application so that User is not required to exit the RPS Solution.	M	Training		
TR-03	The RPS Solution includes a training itinerary/syllabus outline for each subject training course.	O	Training		
TR-04	The RPS Solution has content training material, help features, and instructional videos for each screen the User is viewing with a link from that screen to the material.	O	Training		
TR-05	The RPS Solution has an online training module within the RPS Solution for refresher training and testing functionality.	O	Training		
TR-05 a	If the User does not pass the test within a minimum score, the RPS Solution sends an e-mail notification to the LACRIS helpdesk.	O	Training		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TR-06	The RPS Solution includes training video(s), specifically targeted towards detectives and investigators, on the proper techniques (e.g., do's and don'ts) in extracting the best possible facial still from a video source (e.g., CCTV).	O	Training		
TR-07	The RPS Solution's online User manual shall be context-sensitive for all aspects of the Solution.	M	Training		
TR-08	The RPS Solution's User manual includes a troubleshooting index of common User errors, accompanied by recommended remedial actions.	M	Training		
TT-01	The RPS Solution includes one pattern-matching enterprise algorithm for SMTs.	M	Tattoo Req		
TT-02	The RPS Solution's SMT algorithm match-threshold score levels (e.g., high certainty, medium certainty, low certainty) are configurable by Contractor, as evaluated/determined by LACRIS.	M	Tattoo Req		

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Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
TT-03	The RPS Solution allows Users to perform a text based search (google type logic) against all SMTs in the RPS database and displays a candidate list.	M	Tattoo Req		
TT-03 a	The RPS Solution allows text based SMT searches that include the selection of multiple body locations to narrow down the search results (e.g. a User types 'Rose' in the search box and selects three different body locations from the body part drop down list).	M	Tattoo Req		
TT-04	The RPS Solution allows Users to upload subject SMT images.	M	Tattoo Req		
TT-04 a	The RPS Solution's pattern-matching functionality compares the SMT subject image, using the SMT algorithm, to all SMT images.	M	Tattoo Req		
TT-04 b	The RPS Solution's SMT comparisons are displayed as a candidate list of images.	M	Tattoo Req		
TT-05	Proposer's RPS SMT algorithm enterprise subscription must comply with the following:		Tattoo Req		
TT-05 a	Be currently available as an enterprise license subscription, where any authorized RPS solution User, regardless of LE Agency/entity, can select the algorithm in performing SMT comparisons.	M	Tattoo Req		
TT-05 b	Includes regular SMT manufacturer's product updates.	M	Tattoo Req		
TT-06	The RPS Solution provides Fuzzy Search type algorithm in the tattoo text search option.	M	Tattoo Req		
WA-01	The RPS Solution allows Users to notify multiple parties, via e-mail notification, when a match occurs within the User's watchlist above established algorithm thresholds.	M	Watchlist		
WA-01 a	The User can configure e-mail notification recipients and/or email groups.	M	Watchlist		
WA-02	The RPS Solution's e-mail notification to User(s) contains the following:		Watchlist		
WA-02 a	Information from the watchlist entry.	M	Watchlist		
WA-02 b	Information from either: a) The live scan record. b) FR search transaction.	M	Watchlist		

Req #	Requirement	M/O	Category	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
WA-03	The RPS Solution's watchlist functionality includes, at minimum, the following:	M	Watchlist		
WA-03 a	Adding a subject image including a sketch/composite.	M	Watchlist		
WA-03 b	Adding a subject entry that contains only identifiers (SID, MAIN, FBI, or combination) without a photo or composite.	M	Watchlist		
WA-03 c	Adding a subject entry based on demographics (e.g., ranges for height, weight, gender, age).	M	Watchlist		
WA-03 d	Adding a subject entry based on a distinguishable SMT on a body location.	M	Watchlist		
WA-03 e	Identifying arresting LE Agency.	M	Watchlist		
WA-03 f	Searching watchlist records against all new enrollments (e.g., new records from MBIS, new watchlist entries, FR searches) until removed by User.	M	Watchlist		

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WA-04	The RPS Solution notifies User(s), via e-mail, when a potential match is found in the watchlist, based on the following User selectable notification levels when entered into the watchlist:		Watchlist		
WA-04 a	Level 1 notifies only the User.	M	Watchlist		
WA-04 b	Level 2 notifies both the User and that User's LE Agency e-mail group (if it exists).	M	Watchlist		
WA-04 c	Level 3 notifies all of the following: a) User; b) User's LE Agency e-mail group; and c) The LACRIS helpdesk.	M	Watchlist		
WA-05	The RPS Solution identifies any watchlist image being monitored by two or more Users.	M	Watchlist		
WA-05 a	The RPS Solution's watchlist displays the names of all (two or more) Users monitoring.	M	Watchlist		
WA-06	The RPS Solution's watchlist functionality allows the system to search new watchlist entries from another User.	M	Watchlist		
WA-07	The RPS Solution receives/returns webservice calls from/to LASD's mobile gateway for identifying a person in the field (e.g., serving a warrant), via Mobile ID devices and/or FR phone app(s), using solely an identifier (e.g., MAIN, SID, or FBI number) in the RPS Solution. Refer to Attachment A.6 (RPS System Interfaces) to Appendix A (Statement of Work).	M	Watchlist		
WA-07 a	The RPS Solution responds with either 'HIT' or 'NO HIT' to the ID number from any watchlist record.	M	Watchlist		
WA-07 b	If a 'HIT' response is received, the RPS Solution provides all data contained in the respective watch list entry(ies), based on the ID number.	M	Watchlist		

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ACRONYM	DEFINITION
ADFS	Active Directory Federated Services
AJIS	Automated Justice Information System
ANSI	American National Standards Institute
AVI	Audio Video Interleaved
BOLOS	Be On the Look Out
CAL-DOJ	California Department of Justice
CCTV	Closed-circuit television
CJIS	Criminal Justice Information Services
CORI	Criminal Offender Record Information
CPU	Central Processing Unit
CSV	Comma Separated Value
DCD	Deceased NIST transaction
DHS	Department of Homeland Security
DOCX	Microsoft Word Document
EOL	End of Life
EBTS	Electronic Biometric Transmission Specifications
ERRB	Electronic Search Error Response
FBI	Federal Bureau of Investigation
FISWG	Facial Identification Scientific Work Group
FR	Facial Recognition
FREN	Facial Recognition Exchange Network
FRS	Facial Recognition Search
FTP	File Transfer Protocol
GUXDM	Global Justice XML Data Model
HTML5	Hyper Text Markup Language
HTTP	Hyper Text Transfer Protocol
JDIC	Justice Data Interface Controller
LACRIS	Los Angeles County Regional Identification System
LASD	Los Angeles County Sheriffs Department
LE	Law Enforcement
LS	Legacy System
MBIS	Multimodal Biometric Identification System
NIEM	National Information Exchange Model
NIST	National Institute of Standards and Technology
NTP	Network Time Protocol
ODBC	Open Data Base Connection
ORI	Originating Agency Identifier
OSAC	Organization of Scientific Area Committees
PAC50	County's law enforcement information sharing network, managed by LASD and used by the entire law enforcement community within Los Angeles County. This is a private, secure network which ensures data security for law enforcement-related information in transit between Law Enforcement Agencies.
PDF	Portable Document Format

ACRONYM	DEFINITION
PII	Personal Identifiable Information
SDN	Sheriff's Data Network
SFTP	SSH File Transfer Protocol
SID	State Identification Number
SMT	Scars, Marks, Tattoos
SOW	Statement of Work
SQL	Structured Query Language
SRB	Search Results Biometric
SSO	Single Sign-On
TCP/IP	Transmission Control Protocol/Internet Protocol
TXTSRCH	Text-Based Photo/SMT Search Request
UI	User Interface
URL	Uniform Resource Locator
VPN	Virtual Private Network
XML	Extensible Markup Language