

June 26, 2018

Notice to Potential Proposers

**BULLETIN NUMBER 4
NOTICE OF REVISED
REQUEST FOR PROPOSALS 555-SH FOR
CRIMINAL BOOKING SYSTEM (CBS) SOLUTION**

This Bulletin Number 4 is being issued to notice potential Proposers that Request for Proposals (RFP) 555-SH for Criminal Booking System (CBS) Solution has been revised. **RFP 555-SH (Revised 06/26/2018)** has been modified as follows:

1. Section 7.7.11 (Required Forms (**Section F**)) of the RFP is deleted in its entirety and replaced as follows:

Proposers shall include in their responses all fully completed and executed forms set forth in Appendix C (Required Agreement), as provided below:

Exhibit C (Service Level Agreement)
Schedule C.2 (Compliance with Encryption Requirements)
Schedule C.3 (Application Security Requirements)

Proposers shall include in their responses all fully completed and executed required forms set forth in Appendix D (Required Forms), as provided below:

- Exhibit 1 *Proposer's Questionnaire/Affidavit*
- Exhibit 2 *Prospective Contractor References*
- Exhibit 3 *Prospective Contractor List of Contracts*
- Exhibit 4 *Prospective Contractor List of Terminated Contracts*
- Exhibit 5 *Certification of No Conflict of Interest*
- Exhibit 6 *Familiarity with County Lobbyist Ordinance Certification*

- Exhibit 7 *Request for Preference Program Consideration*
- Exhibit 8 *Proposer's EEO Certification*
- Exhibit 9 *Attestation of Willingness to Consider GAIN/GROW Participants*
- Exhibit 10 *Contractor Employee Jury Service Program – Certification Form and Application for Exception*
- Exhibit 11 *Certification of Compliance with County's Defaulted Property Tax Reduction Program*
- Exhibit 12 *Charitable Contributions Certification (if applicable)*
- Exhibit 13 *Proposer's Compliance with Encryption Requirements*
- Exhibit 14 *Statement of Work Certification*
- Exhibit 15 *Required Agreement Certification*
- Exhibit 16 *Solution Requirements Response Matrix*
- Exhibit 17 *Statement of Work Response Form*
- Exhibit 18 *Zero Tolerance Human Trafficking Policy Certification*
- Exhibit 19 *Cost Proposal Form*
- Exhibit 20 *Certification of Independent Price Determination and Acknowledgment of RFP Restrictions*
- Exhibit 21 *Non-Disclosure Agreement*

2. Exhibit G (Confidential Attachments) of Appendix A (Statement of Work) to the RFP is revised to add the following confidential attachments, to be distributed during the Mandatory Proposers' Conference:

Attachment G.7 (Sample CBS Graphic Interface)

Attachment G.8 (Sample CBS-ABSM Login and Tiered Booking Approval Workflow)

3. Appendix B (Minimum Solution Requirements) of the RFP is deleted in its entirety and replaced with the attached revised Appendix B.

4. Exhibit 16 (Solution Requirements Response Matrix) of Appendix D (Required Forms) of the RFP is deleted in its entirety and replaced with the attached revised Exhibit 16.
5. Exhibit 21 (Non-Disclosure Agreement) of Appendix D (Required Forms) to the RFP is deleted in its entirety and replaced with the attached revised Exhibit 21.

Should you have questions, please contact Contract Analyst Sheri Davis at srdavis@lad.org.

(REVISED-BULLETIN #4)
REQUEST FOR PROPOSALS
FOR
CRIMINAL BOOKING SYSTEM
(CBS) SOLUTION



APPENDIX B
MINIMUM SOLUTION REQUIREMENTS

JUNE 2018

NOTICE TO RFP PROPOSERS

THIS DOCUMENT DOES NOT STAND ALONE AND MUST BE READ AND REVIEWED IN CONNECTION WITH ALL OTHER PARTS OF THE RFP.

THIS APPENDIX B MAY BE UPDATED TO REFLECT THE SELECTED PROPOSAL PRIOR TO THE NEGOTIATION OF THE RESULTANT CONTRACT.

Req #	Requirement
<i>1.0 – General Criminal Booking Solution Functions</i>	
1.1	The Solution SHALL generate, issue and maintain unique transaction numbers, preferably sequential, for each booking or type of transaction (TOT) as defined by County.
1.2	The Solution SHALL be capable of reserving a large block of sequential booking numbers obtained from and governed by the County’s Automated Justice Information System (AJIS), and issue these unique/sequential booking numbers when requested by User.
1.3	The Solution SHALL be capable of deleting a booking number and its associated data if the booking transaction associated with that booking number is not completed within 30 days and SHALL retain the audit log of the deleted transaction.
1.4	The Solution SHALL , throughout all its functionality, recognize and emphasize the AJIS numbering scheme as County’s official booking number.
1.5	The Solution SHALL be capable of ingesting, storing and displaying unique booking transaction numbers generated from County’s current Automated Booking System (ABS).
1.6	The Solution SHALL provide an XML web service (i.e. GJXDM/NIEM) which allows external systems (i.e., Records Management System (RMS) from a local agency) to request booking numbers from CBS, as illustrated in ‘Booking Number Request Sample Flow Chart’ (Attachment G.2) to the Statement of Work (SOW).
1.7	The Solution SHALL be capable of sending data and communicating directly with all interfaces listed in ‘System Interfaces’ (Exhibit C) to the SOW.
1.8	The Solution SHALL provide a method of receiving requests for booking numbers with or without a fingerprint.
1.9	The Solution SHALL monitor all booking transactions that do not have an accompanying fingerprint, and provide detailed audit reports.
1.10	The Solution SHALL be capable of capturing the Subject’s signature at time of booking by utilizing a digital signature pad on the livescan and submitting that signature in the National Institute of Standards and Technology (NIST) file as a Type-8 record.
1.11	The Solution SHALL verify the fingerprint captured during the booking number request, is from the same Subject, when the booking record is completed, edited or continued on any Livescan device within the County.
1.12	The Solution's Livescan device, excluding Quick-ID devices, SHALL be housed in a ruggedized standup system with adjustable height. Ruggedized means a cabinet-type system that protects monitors, scanners, keyboards, uninterrupted power supply (UPS) and any other component of the system Solution. (Note: Excludes Printers and cameras)
1.13	The Solution SHALL allow for fingerprints to be taken at the Livescan device and printed locally, with no booking number issued and no submission made to County, when appropriate, for non-reportable charges at the discretion of the County or reporting agency.

Req #	Requirement
1.14	The Solution SHALL include a complete and valid standards-based record in conformance with the most current FBI Electronic Biometrics Transmission Specification (EBTS) https://www.fbibiospecs.cjis.gov/EBTS/Approved , as well as the more stringent Cal-DOJ specifications (i.e., State charge tables) and County specifications (e.g., 1,000 ppi print capture from scanner, mugshot required for every booking).
1.15	The Solution SHALL have edit functionality which allows Users to correct errors and resubmit records. It SHALL permit the opening and editing of erroneous records. Once a record has been edited, it SHALL pass the same validations as would a new record.
1.16	The uninterrupted power supply (UPS) software SHALL be capable of sending status emails to the LACRIS Help Desk when power issues arise.
1.17	The UPS software SHALL be capable of notifying the User of power issues informing them to save their work and shut down the Livescan device.
1.18	The Solution SHALL validate defined data entry fields for compliance, as delineated by County, Cal-DOJ, FBI/Criminal Justice Information Services (CJIS) Division, or other agency specifications.
1.19	The Solution SHALL ensure each mandatory field is present before submitting the transaction. Mandatory fields are governed by specifications.
1.20	The Solution SHALL adhere to tabled data entry fields for all data where a tabled dataset is available and provided. Depending on the tabled data entry field, the Solution SHALL : <ul style="list-style-type: none"> • Default the field value, based on the User’s configuration, with the option for User to override. • Provide a look-up table, such as a drop-down field, for the User to select the correct value from, but also allow the User to enter the field manually with predictive table values suggested.
1.21	The Solution SHALL be configurable to include additional tables and fields, with or without drop down menus, when required by County to conform to changing business practices.
1.22	The Solution SHALL authenticate each booking record when: <ul style="list-style-type: none"> • Passing all the Cal-DOJ NIST and Los Angeles County specific NIST validations; • Bundling the booking record as an EBTS-compliant package consisting of all of the required records and types, then; • Submitting the package via interface to the Multimodal Biometric Identification System (MBIS).
1.23	The Solution SHALL provide the capability to convert an existing record, with prints, into any other transaction type submission (e.g., converting an IDN TOT to a CRM/REG/APP/DNS or a CRM to a REG/APP/DNS), as required by the County.
1.24	The Solution SHALL have passive communication capability (i.e. chat window) for the LACRIS Help Desk to communicate with the User.

Req #	Requirement
1.25	The Solution SHALL have the ability to import a NIST file and print a copy of the booking slip and finger/palm print cards.
1.26	The Solution SHALL store all transaction files for each local Livescan device, of only the transaction files currently retained on that device. Transaction files stored on the local livescan can be printed even if network connectivity to the central server is not available.
1.27	The Solution SHALL store transaction files from every Livescan device within the central server (including a backup), for a County-designated duration.
1.28	The Solution SHALL be capable of utilizing permission-based context menus for administrative tasks to include, but not be limited to, opening the data directory folder of a highlighted transaction record selected on the inventory screen, deletion of highlighted transaction records, and export of highlighted transaction records to a NIST-compliant file.
1.29	The Solution's Livescan PCs SHALL support Microsoft Windows 10 Enterprise Edition, and Windows Server 2010 and above.
1.30	The Solution SHALL support Microsoft Windows 10 on all Participating Agency-owned PC workstations.
1.31	The Solution SHALL support Microsoft Server Manager Windows 10.
1.32	The Solution SHALL adhere to all Federal and State criminal reporting requirements (i.e., FBI's National Incident-Based Reporting System (NIBRS)).
2.0 – Specifications – User Security and Functionality	
2.1	The Solution SHALL include a single User log-in for all CBS application modules, including instances when a User performs business functions for one or more Participating Agencies (i.e., LACRIS Help Desk staff).
2.2	All components of the Solution SHALL utilize this centralized User security group roles. Explain how your Solution will function in an offline mode where there is no connectivity to the central User database.
2.3	The User security group roles SHALL be maintained in the centralized database, with a local copy pushed out to each Livescan device.
2.4	The proposed Solution SHALL support two logon protocols, Cal-DOJ Justice Identity Manager (JIM) and Domain OS logon using a County-designated Active Directory Federation Services (ADFS) authentication.
2.5	User account information SHALL be stored on the central User database as well as locally on each device that the User has been granted permission to.
2.6	The Solution SHALL allow the CBS System Administrator to select which logon protocol each User shall follow.
2.7	The Solution SHALL allow Users to be assigned to multiple security groups.
2.8	The Solution SHALL apply the highest permission levels of any group that a User belongs to, should that User belong to multiple groups.

Req #	Requirement
2.9	The Solution's security groups and rules SHALL have the capability of decentralized administration. Examples: a lower level Administrator at a local agency cannot create an account equal in security rights to their own. A local Administrator can only affect those Users within their agency.
2.10	The Solution SHALL lockdown the Livescan device's OS for general Users but allow full access for Administrators.
2.11	The Solution SHALL support automatic User account: <ul style="list-style-type: none"> • Lock-out, after a configurable number of days of inactivity • Unlock after a two-factor authentication, or by a system Administrator
2.12	The Solution SHALL control excessive image quality error overrides at the User level, with configurable warning and audit report capabilities.
2.13	The Solution SHALL contain the below functionality and provide administrative notifications (local and/or LACRIS Help Desk) by e-mail. Thresholds to be set by Administrators. Notifications to include but not be limited to: <ul style="list-style-type: none"> • User errors • Too many failed login attempts • Too many image quality overrides • Too many match error (from flats or rolls) overrides • User locked out notification • User advised of eminent lockout if errors persist
3.0 – Specifications – Solution Database	
3.1	The Solution's database SHALL be configurable to include additional tables and fields, as required by County business processes.
3.2	The Solution SHALL be able to receive table updates including validations (i.e., charge codes) and/or accept and utilize tables obtained from an external system or source (i.e., table file in a shared directory used by multiple applications) and immediately apply the new table set and validation rules.
3.3	The Solution SHALL keep a database log of all transactions saved and/or submitted via interface. The log will contain, at minimum: <ul style="list-style-type: none"> • Date/time of transmission • Transaction number • Booking number • User actions with timestamps • System actions with timestamps • Name, gender, race and date of birth of the Subject fingerprint.

Req #	Requirement
3.4	The Solution's database log SHALL be maintained for a configurable period of time, no less than three (3) years, as specified by County.
4.0 – System Software and Functionality	
4.1	The Solution SHALL include 3 rd party virus protection software as defined by County. (Currently McAfee Enterprise AntiVirus™).
4.2	The Solution SHALL support and be capable of e-mail (sending and receiving) messaging.
4.3	The Solution SHALL have its own means of communication, such as an email system, to support responses in email format (i.e., Simple Mail Transfer Protocol or SMTP) with attachments in EFT, SRE, plain text, etc. formats
4.4	The Solution's PC workstations and servers located at the locations SHALL have McAfee endpoint security software installed and running in the background. LACRIS will provide the McAfee endpoint security software as part of its enterprise site license.
5.0 – Reports – Centralized and Local	
5.1	The reports SHALL be accessible utilizing the current and two most recent versions of an internet browser, IE, Chrome, Firefox, etc.
5.2	All Users SHALL be authenticated prior to accessing the reports.
5.3	The Solution SHALL ensure access to available reports is based on User's permissions.
5.4	The Solution SHALL provide a list and description of the default reports.
5.5	The Solution SHALL provide for ad hoc reporting with all fields available.
5.6	The Solution SHALL provide a report building tool, including 10 concurrent software licenses, and necessary training.
5.7	The Solution SHALL provide a web-based administration and reporting module.
5.8	The Solution SHALL have a three (3) year retention for all booking forms.
5.9	The Solution SHALL restrict data in a report to the User's specific permissions and/or groups that the User has rights to, (i.e., reports containing data only from their Law Enforcement [LE] agency).
6.0 – System Audit Capability	
6.1	The Solution SHALL provide a visual auditing tool to enhance Administrator's ability to identify issues with submitted images, both fingerprints and photos.
6.2	The Solution's audited data SHALL be retained for a minimum of three (3) years.
6.3	The Solution SHALL allow for external interface transactions to perform complete and partial record sealing and expunging in CBS. (i.e., MBIS can send a notification to CBS, and CBS will seal the record so Users cannot view the booking forms in CBS).

Req #	Requirement
6.4	The Solution's audit tools SHALL allow Administrator to send warning notifications to a User, lock out a User, and restrict a User's permissions.
7.0 – System Dashboard	
(Note: There are no Minimum Solution Requirements within this Section 7.0)	
8.0 – Types of Transactions (TOTs)	
8.1	<p>The Solution SHALL be capable of submitting the following TOTs to the County's MBIS via interface:</p> <ul style="list-style-type: none"> • All California State TOTs • State and County TOT's currently used in Los Angeles County, including but not limited to: <ul style="list-style-type: none"> ➤ ID2 ➤ ID4 ➤ Release ➤ Quick-ID ➤ Pre-ID ➤ Local Applicant Submission ➤ Update ➤ Test Record Submission ➤ Registrant ➤ DNS (option 2)
8.2	<p>The Solution SHALL be capable of a DNA submission to Cal-DOJ for criminal (CRM) transaction types, as follows:</p> <ul style="list-style-type: none"> • CRM TOT • As a stand-alone transaction • As a converted transaction, modified to a CRM TOT
8.3	The Solution SHALL be able to receive, via interface response notifications from external systems (e.g., Cal-DOJ, FBI and MBIS), process the notification within CBS, and print for booking record.
9.0 – Quick-ID Functionality	
9.1	The Quick-ID Solution SHALL include (2) desktop devices in a configuration described in Section 13.0 below, capable of submitting a hand/fingerprint(s) and an iris capture to the MBIS for identification verification, using the QID Type of Transaction (TOT).
9.2	The Quick-ID Solution SHALL be able to receive, process, and print response notifications from MBIS.
9.3	The Quick-ID Solution SHALL be able to receive, process, and print a booking photo from the County's Digital Mugshot System (DMS) or MBIS, based on the submitted biometric match (e.g. State, FBI or County identifiers).

Req #	Requirement
10.0 –Hardware	
10.1	The Solution equipment hardware SHALL be new (unused) and current model.
10.2	The Livescan equipment SHALL be supplied with all components specified in Sections 12, 13 and 14 below, delivered complete and functionally ready to operate.
10.3	All equipment SHALL work on standard 120 volt circuit and be Underwriters Laboratory (UL) approved; maximum 20 amps.
10.4	The Livescan equipment SHALL include an uninterrupted power supply (UPS) unit and a power conditioner, including surge suppression rated at 2,500 amps, which will provide power to each Livescan device (may exclude camera or printer) for a minimum of 15 minutes.
10.5	Each Livescan device SHALL have all the necessary accessories (e.g., power cord, cabling) to make the device fully functional at installation.
10.6	The Livescan device and its peripherals SHALL utilize existing sites' current configuration without physical modification to the facilities (i.e. new conduit, moving power, moving light bar, installation of a pedestal).
10.7	Each Livescan device SHALL have its own Cisco managed network switch that can be monitored by Sheriff's Data Network (such as model WS-C2960C-8PC-L or agreed upon by Sheriff's Data Network).
10.8	The software on the Livescan device SHALL be the same software that Cal-DOJ Certified.

Req #	Requirement
11.0 – Hardware – General Livescan Devices (Quantity: 163)	
11.1	<p>The Solution SHALL include the following attributes for <i>163 Livescan Devices</i>:</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired magnetic stripe card reader • Wired Digital Signature Pad • 1000ppi Hand/finger capture scanner(s) • Iris Camera, mounted in clear view (Requirement #19.0) • A locking mechanism to prevent User from manually turning off Livescan device • Foot pedals located on both front corners of the cabinet (to allow User access regardless of left or right print capture positioning) • Casters with locking mechanism <p>Uninterrupted Power Supply and monitoring software (Requirements #s 1.16, 1.17, and 10.4)</p>
11.2	The Solution SHALL include at least (1) one additional method other than foot pedals (e.g., button or switch) to activate scanners.
11.3	<p>The Solution’s general Livescan device SHALL be housed in a ruggedized cabinet with the following maximum dimensions:</p> <ul style="list-style-type: none"> • 72 inches height (including all peripherals) • 32 inches width • 30 inches depth
12.0 – Hardware – Coroner Livescan Devices (Quantity: 2)	

Req #	Requirement
12.1	<p>The Solution SHALL include the following attributes for <i>2 Coroner Devices</i>:</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired magnetic stripe card reader • Wired Digital Signature Pad • Minimum 500ppi Hand/finger capture scanner(s) adapted to the Coroner’s unique business need • A locking mechanism to prevent User from manually turning off Livescan device • Foot pedals located on both front corners of the cabinet to allow User access regardless of left or right print capture positioning • Casters with locking mechanism • Uninterrupted Power Supply (Requirements #s 1.16, 1.17, and 10.4)
12.2	<p>Coroner’s fingerprint capture equipment SHALL be adapted and configured to Coroner’s unique business need.</p>
12.3	<p>The Solution’s coroner Livescan device SHALL be housed in a ruggedized cabinet with the following maximum dimensions:</p> <ul style="list-style-type: none"> • 72 inches height (including all peripherals) • 32 inches width • 30 inches depth

Req #	Requirement
13.0 – Hardware – Quick-ID Devices (Quantity: 2)	
13.1	<p>The Solution’s Quick-ID device SHALL include the following attributes (Quantity 2):</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired Digital Signature Pad • Minimum 500ppi Hand/finger capture scanner(s) • Iris camera (Requirement #18.0) • 1 Wired foot pedal with capture and save capability • Uninterrupted Power Supply (Requirements #s 1.16, 1.17, and 10.4).
14.0 – Hardware – Central Server Configuration	
14.1	<p>The Solution’s Central Server Configuration SHALL:</p> <ul style="list-style-type: none"> • Be contained in a Contractor-provided single server rack, with redundant power sources provided by LASD’s data center • Include all the servers and internal networking necessary for the entire CBS Solution functionality, installed in the rack • Have redundant networking capabilities to the Department’s PAC50 Network • Include two communication protocols to the Contractor’s second data center site, as follows: <ul style="list-style-type: none"> a. Contractor-provided direct point-to-point communication line b. VPN connection via the internet (as backup)

Req #	Requirement
15.0 – Printer Functionality	
15.1	<p>The Solution SHALL be able to print within an agency and to the following network-type printers, including existing agency printers currently on hand (Refer to Section 16.0 for printer requirements).</p> <ul style="list-style-type: none"> • FBI certified laser printer • Color laser printer • Non-FBI certified laser printer • Wristband printer • Paperless printer Solution
15.2	<p>The Solution SHALL have the capability of printing to multiple printers and be configurable at any time by County, to print only those response messages, booking forms, Subject wrist bands, etc. that are requested by each agency or location.</p>
15.3	<p>The printers SHALL have the capability of receiving print jobs from multiple Livescan or biometric capture devices.</p>
15.4	<p>The Solution SHALL be capable of watermarking any image prior to packaging and submitting through the central server. Watermarking any image is configurable by Administrators based on permissions.</p>
16.0 – Printers – Color Laser (Quantity: 144)	
16.1	<p>The Solution’s color laser printer SHALL have, at minimum, the following attributes:</p> <ul style="list-style-type: none"> • 10/100/1000BaseTX Ethernet and USB 2.0 and/or above connections • Print speed supporting up to 22 ppm or higher • Resolution of 600 by 600 dpi • 40,000 page monthly duty cycle (minimum) • Duplex printing capable, automatic 2-sided <ul style="list-style-type: none"> i) Tray 1: (Multipurpose tray): Custom sizes: 3 x 5 in. to 8.5 x 14 in. (76.2 x 127 mm to 216 x 356 mm); capacity 150 pages minimum ii) Tray 2: (optional) Custom sizes: 5.8 x 8.3 in. to 8.5 x 14 in. (148 x 210 mm to 216 x 356 mm); capacity 500 pages iii) Manual feed function (optional) • Toner capacity yield of at least 6,000 sheets

Req #	Requirement
17.0 – Paperless Storage/Print Functionality on Demand	
17.1	The Solution SHALL be capable of storing electronic documents and be accessible through a web service, both within the local law enforcement agency and the central site as a central repository. An agency can select and print any of the electronic documents received by the Solution’s Livescan device assigned to their agency, to any of that agency’s printer(s).
17.2	The printerless Solution SHALL be capable of different output formats, including PDF, MHT, TIFF, PNG, and JPEG. It SHALL also support email capability.
17.3	The central repository SHALL retain record documents indefinitely or until sealed or expunged.
17.4	The document repository on each Livescan device SHALL be retained for as long as the corresponding record is available on that device.
18.0 – MugShot Camera (Quantity: 139)	
18.1	The camera SHALL have a minimum of 10 Megapixels and comparable to a 1/4-Type CCD Sensor, or better.
18.2	Image quality SHALL meet or exceed the NIST Best Practice Recommendations for the Capture of mugshots http://www.nist.gov/itl/iad/ig/ansi_standard.cfm
18.3	The camera SHALL have livescan Solution software-controlled Digital SLR, where the software controls the camera’s zoom, photo capture, and power management.
18.4	The Solution SHALL be capable of taking a whole single image and allows the User to manually crop multiple scars, marks and tattoos (SMTs) with a roping type software tool and further allow close cropping using an intuitive software design.
18.5	The camera SHALL have auto face-finding capability either through hardware or software Solution.
18.6	The Solution SHALL support auto-sizing for front and profile photos with User override capability configured by system Administrator.
18.7	The Solution SHALL support the capturing of up to 99 SMTs per criminal transaction.
18.8	The Solution SHALL require the User at the Livescan device to capture SMT photos in instances where a booking record was initiated elsewhere (i.e., agency RMS) indicated that an SMT exists on the Subject.
18.9	The User SHALL be able to override the initial descriptions and/or SMT location based on policy (ies) if the record was initially started elsewhere (i.e. agency RMS).
18.10	The camera SHALL be capable of feeding an image to, and be controlled from, multiple Livescans.
18.11	Mugshot image quality (i.e, Subject’s sizing in photo) at all sites SHALL remain consistent throughout the County, regardless of the Livescan device setup and location, identified in ‘Equipment Locations & Inventory’ (Exhibit D) to the SOW. Most sites utilize a ceiling mounted three (3) point lighting system, as illustrated in ‘Sample Equipment Setup Diagram’ (Attachment G.1) to the SOW.

Req #	Requirement
18.12	All mugshot camera installations SHALL be hard-wired and able to utilize existing sites' footprint without physical modification to the facilities (i.e. new conduit, moving power, moving light bar, installation of a pedestal). Using 'Sample Equipment Setup Diagram' (Attachment G.1) to the SOW as the standard location configuration, describe how your mugshot quality component will be integrated at a site.
19.0 – Iris Camera (Quantity: 163)	
19.1	The Iris Type 17 Transaction within the Solution, SHALL conform to the most current “Technical Specifications Document for the Iris Pilot (IP) Project” as specified by the FBI. https://www.fbibiospecs.cjis.gov/Document/Get?fileName=Iris_Pilot_Technical_Specification_DRAFT-v2-6-8.pdf
19.2	The Iris camera SHALL be securely attached to the Solution’s cabinet or with a locking device (i.e. security cable) for positioning the camera forward, with vendor-provided interconnection wiring/cabling from CPU to camera
19.3	The Iris camera SHALL capture both eyes simultaneously on the first capture, allow individual captures after alerting User when the original capture quality is poor, and/or override if necessary (i.e., artificial eye).
20.0 – Connectivity	
20.1	The Solution SHALL support network connectivity of 10Base-T (RJ-45) TCP/IP, UDP, SMTP.
20.2	The Solution SHALL have a real-time interface to the County's MBIS using a County network connection. Interfaces include, but are not limited to FTP, SMTP, Web Services, SFTP, etc.
21.0 – Fingerprint Images – includes all fingerprint images captured	
21.1	The Solution SHALL support 1000ppi which is required for all fingerprint images captured in Section 12 above ‘General Livescan Devices,’ including: <ul style="list-style-type: none"> • Individually rolled • 4-Finger flats • Palm print and Writer’s palm (describe optics), including: <ol style="list-style-type: none"> i. Upper / Lower ii. Whole Hand iii. Writer’s Edge
21.2	The Solution SHALL support 1000ppi using JPEG 2000 15:1 Compression and is backward compatible to 500 WSQ.
21.3	The Solution SHALL be in compliance with “Profile for 1000ppi Fingerprint Compression” Version 1.1 https://www.fbibiospecs.cjis.gov/Document/Get?fileName=J2K1000.pdf
22.0 – Fingerprint Image Capture	
22.1	If the Solution optics do not capture the whole palm (with one pass), it SHALL include all images that are applicable to that Solution’s device (rolls, flats, upper palm, lower palm, inter-digital, and writer’s edge).
22.2	The Solution SHALL support 4-finger flat to roll comparison (i.e., detection of fingers rolled out of sequence).
22.3	The Solution SHALL be within 99.5% match accuracy.

Req #	Requirement
22.4	The Solution SHALL support 4-finger flat to match against all captured flats and alert the User if there is not a match.
22.5	The Solution SHALL be configurable to allow the “out of sequence” finger to be saved.
22.6	The Solution SHALL provide a side-by-side view of two or more images if the image already exists, with scoring to allow the User to decide which image to save.
22.7	The Solution SHALL provide way of annotating the image when a capture cannot occur or is an exception (e.g., scarred, amputation). Annotation can occur either before or after capture.
23.0 – Image Capture Times	
23.1	<p>The Solution SHALL provide capture times as listed below. Capture timing will be from activation of foot pedal (button, or other type of switch) or if auto capture from acceptance of last image captured until the quality check is done and displayed on screen:</p> <ul style="list-style-type: none"> • Flat single finger - 2 seconds • Rolled images - 3 seconds • Upper Palm - 3 seconds • Lower Palm – 3 seconds
23.2	<p>The Solution SHALL provide capture times, as listed below. Capture timing will be from activation of foot pedal (button, or other type of switch) to support upper palm and the four (4) finger flat images, and display on the screen:</p> <ul style="list-style-type: none"> • Upper Palm - 3 seconds • Whole hand - 6 seconds
24.0 – Fingerprint Image Quality Override	
24.1	The Solution SHALL check every image capture for quality.
24.2	The Solution SHALL allow the User to override and accept what the system determines to be a poor image, and log this action.
24.3	The Solution SHALL be configurable to force the User to try and obtain a better quality image by a configurable number of times.
24.4	When the User’s statistics drop below a configurable acceptable level, the Solution SHALL restrict the User’s account.
24.5	The User’s access SHALL be turned off when their statistics fall below a configured acceptable level.
24.6	The Solution SHALL allow the User to save the best print of all re-rolled prints.
24.7	The Solution SHALL track each User’s image quality results.

Req #	Requirement
25.0 – User and Administrator Calibration Checks	
25.1	If capture scanners are not self-calibrating, the Solution SHALL allow Users to check and perform a scanner calibration for each attached scanner capture type. This calibration process SHALL not exceed one (1) minute.
25.2	If capture scanners are not self-calibrating, the Solution SHALL alert Users to perform scanner calibration by a configurable schedule (i.e., after twenty-five (25) bookings or twenty-one (21) days, whichever is earlier).
26.0 – General Interface, Network, Hardware, and Software	
26.1	The Solution SHALL support automatic updates at the device level.
26.2	The Solution SHALL be capable of synchronizing with time servers for all devices utilizing Network Time Protocol (NTP.)
26.3	The Solution SHALL display to the User, an intuitive status indicator for designated interfaces on which the Livescan device relies to communicate, indicating their connectivity.
26.4	The Solution SHALL still process a transaction when the network and/or AJIS interface is unavailable, and SHALL alert the User (i.e., warning message) advising them when working in an offline mode.
26.5	The Solution SHALL allow Users to log into the Livescan devices when the network and/or AJIS interface is unavailable.
26.6	The Solution SHALL have software version control and be capable of an automated procedure to ensure that all devices are running the same software, drivers, firmware, module, or other components.
26.7	The Solution SHALL have a table version control and be capable of handling more than one version of tables (agency and/or location-specific table values).
26.8	<p>The Solution SHALL be compliant with the most recent version of the following standards:</p> <ul style="list-style-type: none"> • NIST - Types 1, 2, 4, 8, 9, 10, 14, 15, and 17, as well as additional future types within 6 weeks of publication • EBTS • Cal-DOJ NIST • FBI/CJIS • LA County NIST (Attachment G.5) to the SOW • American National Standards Institute/National Institute of Standards and Technology (ANSI/NIST) <p>http://www.nist.gov/itl/iad/ig/ansi_standard.cfm</p> <p>Note: The Solution SHALL remain compliant with the above standards, throughout the term of the Contract, as new versions are published.</p>
26.9	The Solution SHALL support custom print formats (e.g., Los Angeles County booking slip, wristbands, medical screening forms, certificate of release, bail deviation form, and additional charge form) shown in ‘Sample Booking Forms’ (Attachment G.3) to the SOW.

Req #	Requirement
26.10	The Solution SHALL allow system Administrators to design custom report formats using a 3 rd Party Report Writer (i.e., Crystal Reports), and print them based on permissions.
26.11	All licenses for any third party software required for this Solution SHALL be included.
26.12	The Solution SHALL save partially completed bookings and allow a User to retrieve and continue the booking process after a Subject's fingerprint identification, from conditions such as: <ul style="list-style-type: none"> • After a local identification with 99.5% match accuracy • After an MBIS identification
26.13	The Solution SHALL be capable of retrieving an incomplete booking transaction from a Livescan device than originally started.
26.14	The Solution SHALL support the ability to block the editing of a record when the fingerprint identification falls below the 99.5% match threshold.
26.15	The Solution SHALL support the ability to allow limited editing without fingerprint identification.
26.16	The Solution SHALL support Barcode Scanning and printing (two-dimensional capable) for the following example purposes: <ul style="list-style-type: none"> • To aid in data entry • To initiate a demographic download • To be used with any TOT or function • For wristband printing • All booking documentation • For ID Card
26.17	The Solution SHALL support completed booking review on the Livescan device, prior to submission/transmission of booking record.
26.18	The Solution SHALL be capable of supporting a touch screen monitor.
26.19	The Solution SHALL be compliant with Global Justice XML Data Dictionary Version 3.0 or most current.
26.20	The Solution SHALL support screen lock after configurable number of minutes.
26.21	The Solution SHALL support biometric logins with any combination of the following: <ul style="list-style-type: none"> • User's account credentials (User ID and password) • User's fingerprint, captured with Livescan's fingerprint scanner • User's iris, captured with Livescan's iris camera • User's face, captured with Livescan's webcam
26.22	The Solution SHALL be capable of reading a magnetic stripe card (primarily used for a Subject's Driver's License).

Req #	Requirement
26.23	The Solution SHALL provide advance warning via e-mail notification to the LACRIS Help Desk when the Solution is detecting eminent failure/or system degradation.
26.24	The Solution Livescan device SHALL retain the 2,500 most recent transaction records and 100,000 submitted NIST files.
26.25	The Solution SHALL support RAID configurations of either RAID 5, RAID 6, RAID 10 or RAID 50 to protect against data loss and system downtime in the event of mechanical failure of one (1) hard drive.
26.26	The Solution SHALL not delete any previous transaction record unless it was successfully transmitted to all designated destinations with ensured delivery and/or by system Administrator.
26.27	The Solution SHALL provide a warning to the User when three (3) attempts to send a transaction have failed and/or were unsuccessfully transmitted to all the designated systems; it SHALL also send an e-mail to the system Administrators of the failed submissions.
26.28	All of the Solution’s network communications SHALL meet the ‘Sheriff’s Data Network System Security Standards’ to the SOW.
26.29	The Solution SHALL encrypt County specified data, including criminal, throughout the Solution.
26.30	The Solution SHALL provide a notification/messaging function that allows the LACRIS Help Desk to post priority messages directly to the Livescan devices informing the User of current system issues. (e.g., Cal-DOJ is down, planned system shutdowns, etc.)
27.0 – Automated Booking Segment (ABS) Module	
27.1	The Solution SHALL include a browser-based, web-enabled, data entry module, referred to in this Section as the Automated Booking Segment(ABS) Module (ABSM), accessible from any County-provided computer device with network connectivity on a County-specified secured network
27.2	The Solution’s ABSM SHALL be fully integrated with the CBS software installed on the Livescan devices, where CBS booking records from either the Livescan device or a web browser, will be: <ul style="list-style-type: none"> • Created, assigning a unique booking number • Retrieved • Edited • Saved • Copied as a new booking record (and new booking number) • Printed (in hardcopy, TIFF, and PDF)

Req #	Requirement
27.3	<p>The Solution’s ABSM SHALL resemble the County’s current Automated Booking System’s workflow and GUI, ‘Sample Booking Forms (Attachment G.3) to the SOW, taking the following into consideration:</p> <ul style="list-style-type: none"> • Login/security protocols • The order of the GUI screens • Screen navigation • The placement of data fields per screen • The field tabbing sequence in a screen • Mandatory fields required in each screen before proceeding to the next screen • Drop-down table values
27.4	<p>The Solution’s ABSM SHALL include a Participating Agency-specific tiered electronic approval workflow process, not to exceed 5 levels, as follows:</p> <ul style="list-style-type: none"> • Initiating User completes a booking record consisting of multiple forms, as provided in ‘Sample Booking Forms (Attachment G.3) to the SOW, and submits to next level for review/approval • Next level User reviews the booking record and will either: <ul style="list-style-type: none"> i) Edit the record, approve and submit to next level for their approval ii) Reject the record for correction by the initiating User, providing a rejection explanation in an ABS free-text field • Every User in the approval process will have their own work queue, and booking records that have not obtained final level approval shall be displayed with record status • The booking record can be edited and saved (as the most current record) by any level in this workflow process • The booking record shall, at the Agency’s discretion for each of their Users, be completely paperless or allow some or all of the record be printed in hardcopy • Electronic approvals (in lieu of signatures) are applied to the booking record when User verifies/approves record • Approved booking records are automatically routed to the next level review or final record approval • The above workflow process is configurable in CBS’ System Administration module by agency, level approvals, etc.

Req #	Requirement
27.5	<p>The Solution’s ABSM SHALL include data entry fields that mirror the look and workflow of the County Booking Forms, ‘Sample Booking Forms (Attachment G.3) to the SOW, requiring:</p> <ul style="list-style-type: none"> • Mandatory data entry fields • Different field types (drop down values, table dictionary driven, date and date/time, radio buttons, free text, etc.), with validation rules • Alike data fields across booking form screens auto-populate, for reducing data entry
27.6	<p>The Solution’s ABSM SHALL assign and display on each screen both the booking number and unique ABS to CBS transaction number.</p>
27.7	<p>The Solution’s ABSM SHALL auto-save a partially completed booking record when moving from one screen field to the next and, when required, every thirty (30) seconds within the same field.</p>
27.8	<p>The Solution’s ABSM SHALL lock a booking record for a County-defined time period, and allow a System Administrator to unlock the record.</p>
27.9	<p>The Solution’s ABSM SHALL alert the originating record User, upon returning to the booking record, that the record was updated by another User, identifying the other User.</p>
27.10	<p>The Solution’s ABSM SHALL as part of the booking process, prompt a User working in the field to attach a Subject’s biometric identifier into the booking record. Allow User to override this step once User enters a reason (e.g., Subject has amputations).</p>
27.11	<p>The Solution’s ABSM SHALL submit a fingerprint capture via the Mobile Gateway interface ‘System Interfaces’ (Exhibit C) to the SOW, and attach to the booking record for verifying the Subject during the livescan process.</p>
27.12	<p>The Solution’s ABSM SHALL include navigation tools (e.g., screen tabs, command buttons) for the User to navigate from one data entry screen to another.</p>
27.13	<p>The Solution’s ABSM SHALL include intuitive touchscreen capabilities for any County-provided computer device that has this technology.</p>
27.14	<p>The Solution SHALL be capable of tracking each User who views, edits, or prints specified forms.</p>
27.15	<p>The Solution’s ABSM SHALL be configurable to include additional tables and fields, with or without drop down menus, when required by County to conform to changing business practices.</p>
28.0 – Records Management System (RMS) and External System Interfaces	
28.1	<p>The Solution SHALL interface with external systems, as identified and summarized in ‘System Interfaces’ (Exhibit C) to the SOW.</p>
28.2	<p>The Solution SHALL support two-way interfacing to multiple Participating Agency RMSs (multiple interfaces), where updates made in the agency’s RMS also updates the booking record in the Livescan device.</p>

Req #	Requirement
28.3	The Solution SHALL allow a single Livescan to communicate simultaneously to multiple RMS interfaces (e.g., Site A's Livescan creates a record but submits it to three different RMS interfaces [Sites A, B, and C]).
28.4	The Solution SHALL interface with County's AJIS for modifying any allowable fields after the initial booking and fingerprint verification of subject; automatic locking of edit feature after a configurable amount of time and/or events with admin override. This type of modification would deny User to resend NIST file to MBIS without authorization.
28.5	The Solution SHALL permit the installation of the County's JDIC terminal emulator software on the Livescan device(s), for performing the following functions: <ul style="list-style-type: none"> • Sending and receiving messages • Interfacing with other County systems (CWS, CCHRS, AJIS, DMS, etc.)
28.6	The Solution SHALL support JDIC messaging, FTP, SMTP, SQL and XML as these are anticipated to be the primary methods for interface.
28.7	The Solution SHALL support standard XML protocols for the local Participating Agencies' RMS, as follows: <ul style="list-style-type: none"> • GJXDM - the current XML protocol utilized by 20+ agencies • NIEM - the newest and more robust protocol for all replacement RMS connections, as chosen by the Participating Agency • FTP (File Transfer Protocol)
28.8	The Solution SHALL be "Single Data Entry." A booking record may begin on the Livescan device, local RMS, or AJIS.
28.9	The Solution SHALL support a query from any Participating Agency's RMS to CBS's database via a SQL database view on each Livescan, as well as the central database servers, for importing into the RMS new records and modified records from CBS.
28.10	The Solution SHALL handle the functionality above 27.9 in the following formats: <ul style="list-style-type: none"> • Cal-DOJ NIST with and without Type 10, 'Cal-DOJ NIST' • Los Angeles County NIST with and without Type 10, 'County NIST Data Types' (Attachment G.4) to the SOW
28.11	The Solution SHALL support an interface with the County's consolidated booking system (currently AJIS) using TCP/IP (current), database-stored procedure calls, or web services such as GJXDM/NIEM.
29.0 – Continuity of Operations	
29.1	The Solution's central server functionality for the CBS Production environment SHALL be replicated at a secondary vendor-provided site.

Req #	Requirement
29.2	The Solution's secondary site SHALL be located outside Los Angeles County, for meeting County's Disaster Recovery provisions.
29.3	The Solution's secondary site SHALL be CJIS compliant and located either in the vendor's designated Data Center or a CJIS-compliant cloud.
29.4	The Solution's secondary site SHALL be redundant to the Solution's primary site at LASD's Data Center for a seamless system failover, in instances when the primary site is down for an extended period of time.
29.5	The Solution's secondary site SHALL be load balanced as active/active environments, with the Solution's primary site at LASD's Data Center, for maintaining system performance during heavy Solution use.
29.6	The Solution's secondary site SHALL include all hardware, Software licensing, and maintenance (including interfaces, O/S, database, virus scan, report writer and other 3rd party software).
29.7	The Solution's secondary site SHALL include, at the vendor's expense, a direct network communication line from LASD's Data Center to the secondary site location.
29.8	The solution SHALL support the option to automatically forward all positive identification responses received by a Livescan to Participating Agencies' RMS via web services (e.g. GJXDM/NIEM) and FTP, based on the Participating Agency's RMS capability for updating the RMS record.
29.9	The Solution SHALL meet all System Performance measurements specified in the Service Level Agreement's (Exhibit B) System Response Time Matrix table.

REQUIRED FORMS – EXHIBIT 16 (REVISED-BULLETIN #4)
SOLUTION REQUIREMENTS RESPONSE MATRIX

INSTRUCTIONS

Proposer shall provide responses to each Solution Requirement specified on the Solution Requirements Response form in this Exhibit 16 (Solution Requirements Response Matrix) to Appendix D (Required Forms) to the RFP. Proposers shall follow these instructions for completing the Solution Requirements Response form.

The Solution Requirements Response Matrix represents core capabilities that County expects of the Solution. All capabilities are expected by County to be included in the Solution. Column four (4) request the Proposer to indicate how the Proposer and the proposed Solution will meet the County's Solution Requirements. The four (4) response options are: (B) Meets the Requirement out-of-the-box. No Configuration or Development/Programming/Customization required; (C) Requires only Configuration to meet the Requirement; (D) Requires Development/Programming/ Customization to meet the Requirement; and (X) Does not currently meet the Requirement. PLEASE INDICATE APPLICABLE RESPONSE.

Proposer is to check the last column "Not Available" if the capability will not be made available as part of the proposed Solution. In the final column "COMMENTS" is where the Proposer will provide a short and concise description of how its Solution is capable/unable/will be able to meet each identified County's Solution Requirement. For any configuration or development, a detailed response is expected, if additional space is necessary, especially when the response requires a diagram, please indicate in the "COMMENTS" column that the response is on a separate sheet. Please be sure to include the number and question with the response on the separate sheet and submit the separate sheets in consecutive order. Further, if a requirement calls for a description of an aspect of the proposed Solution, to the extent applicable, the Proposer shall also incorporate such description into its Business Proposal.

County is aware that some Solution Requirements may be similar, overlap or appear duplicative within the Solution Requirements Response form, as these Requirements are specific to those sections. Please provide a response in each section where such requirement appears. If a Requirement is also included in Appendix B (Minimum Solution Requirements) to the RFP, the Proposer is to clarify how the Proposer shall meet such Requirement by checking the appropriate column.

PLEASE DO NOT ATTEMPT TO MODIFY THIS WORKSHEET. If the Solution Requirements Response Matrix does not meet your formatting style, include the additional information in the COMMENTS section. Again, DO NOT ATTEMPT TO MODIFY THIS WORKSHEET. Sections that have been modified will be treated as non-responsive.

PROPOSER'S RESPONSE	
B	Meets the Requirement out-of-the-box. No Configuration or Development/Programming/Customization required
C	Requires only Configuration to meet the Requirement
D	Requires Development/Programming/ Customization to meet the Requirement
X	Does not currently meet the Requirement
COMMENTS	For each Requirement, identify how this Requirement is met. Provide supporting documentation as appropriate.

I have read and understand the instructions (Check the box).

REQUIRED FORMS – EXHIBIT 16 (REVISED-BULLETIN #4)
SOLUTION REQUIREMENTS RESPONSE

Legend	
M = Mandatory Requirement. Vendor-provided at Final System Acceptance.	O = Optional Requirement. Vendor-provided at Final System Acceptance (except 'X' responses).
B = Meets the Requirement out-of-the-box. No Configuration or Development/Programming/Customization required.	D = Requires Development / Programming /Customization to meet the Requirement. Development / Programming/Customization 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 application modules specific for the Requirement, and/or Programming changes to the base application requiring a separate program tree that vendor maintains with new base application releases. Vendor pricing for Requirement is included in the total Solution cost.
C = Requires only Configuration 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.	
X = Does not currently meet the Requirement	

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
<i>1.0 – General Criminal Booking Solution Functions</i>				
1.1	The Solution SHALL generate, issue and maintain unique transaction numbers, preferably sequential, for each booking or type of transaction (TOT) as defined by County.	M		
1.2	The Solution SHALL be capable of reserving a large block of sequential booking numbers obtained from and governed by the County's Automated Justice Information System (AJIS), and issue these unique/sequential booking numbers when requested by User.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.3	The Solution SHALL be capable of deleting a booking number and its associated data if the booking transaction associated with that booking number is not completed within 30 days and SHALL retain the audit log of the deleted transaction.	M		
1.4	The Solution SHALL , throughout all its functionality, recognize and emphasize the AJIS numbering scheme as County's official booking number.	M		
1.5	The Solution SHALL be capable of ingesting, storing and displaying unique booking transaction numbers generated from County's current Automated Booking System (ABS).	M		
1.6	The Solution SHALL provide an XML web service (i.e. GJXDM/NIEM) which allows external systems (i.e., Records Management System (RMS) from a local agency) to request booking numbers from CBS, as illustrated in 'Booking Number Request Sample Flow Chart' (Attachment G.2) to the Statement of Work (SOW).	M		
1.7	The Solution SHALL be capable of sending data and communicating directly with all interfaces listed in 'System Interfaces' (Exhibit C) to the SOW.	M		
1.8	The Solution SHALL provide a method of receiving requests for booking numbers with or without a fingerprint.	M		
1.9	The Solution SHALL monitor all booking transactions that do not have an accompanying fingerprint, and provide detailed audit reports.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.10	The Solution SHALL be capable of capturing the Subject's signature at time of booking by utilizing a digital signature pad on the livescan and submitting that signature in the National Institute of Standards and Technology (NIST) file as a Type-8 record.	M		
1.11	The Solution SHALL verify the fingerprint captured during the booking number request, is from the same Subject, when the booking record is completed, edited or continued on any Livescan device within the County.	M		
1.12	The Solution's Livescan device, excluding Quick-ID devices, SHALL be housed in a ruggedized standup system with adjustable height. Ruggedized means a cabinet-type system that protects monitors, scanners, keyboards, uninterrupted power supply (UPS) and any other component of the system Solution. (Note: Excludes Printers and cameras)	M		
1.13	The Solution SHALL allow for fingerprints to be taken at the Livescan device and printed locally, with no booking number issued and no submission made to County, when appropriate, for non-reportable charges at the discretion of the County or reporting agency.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.14	The Solution SHALL include a complete and valid standards-based record in conformance with the most current FBI Electronic Biometrics Transmission Specification (EBTS) https://www.fbibiospecs.cjis.gov/EBTS/Approved , as well as the more stringent Cal-DOJ specifications (i.e., State charge tables) and County specifications (e.g., 1,000 ppi print capture from scanner, mugshot required for every booking).	M		
1.15	The Solution SHALL have edit functionality which allows Users to correct errors and resubmit records. It SHALL permit the opening and editing of erroneous records. Once a record has been edited, it SHALL pass the same validations as would a new record.	M		
1.16	The uninterrupted power supply (UPS) software SHALL be capable of sending status emails to the LACRIS Help Desk when power issues arise.	M		
1.17	The UPS software SHALL be capable of notifying the User of power issues informing them to save their work and shut down the Livescan device.	M		
1.18	The Solution SHALL validate defined data entry fields for compliance, as delineated by County, Cal-DOJ, FBI/Criminal Justice Information Services (CJIS) Division, or other agency specifications.	M		
1.19	The Solution SHALL ensure each mandatory field is present before submitting the transaction. Mandatory fields are governed by specifications.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.20	<p>The Solution SHALL adhere to tabled data entry fields for all data where a tabled dataset is available and provided. Depending on the tabled data entry field, the Solution SHALL:</p> <ul style="list-style-type: none"> • Default the field value, based on the User's configuration, with the option for User to override. • Provide a look-up table, such as a drop-down field, for the User to select the correct value from, but also allow the User to enter the field manually with predictive table values suggested. 	M		
1.21	<p>The Solution SHALL be configurable to include additional tables and fields, with or without drop down menus, when required by County to conform to changing business practices.</p>	M		
1.22	<p>The Solution SHALL authenticate each booking record when:</p> <ul style="list-style-type: none"> • Passing all the Cal-DOJ NIST and Los Angeles County specific NIST validations; • Bundling the booking record as an EBTS-compliant package consisting of all of the required records and types, then; • Submitting the package via interface to the Multimodal Biometric Identification System (MBIS). 	M		
1.23	<p>The Solution SHALL provide the capability to convert an existing record, with prints, into any other transaction type submission (e.g., converting an IDN TOT to a CRM/REG/APP/DNS or a CRM to a REG/APP/DNS), as required by the County.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.24	The Solution SHALL have passive communication capability (i.e. chat window) for the LACRIS Help Desk to communicate with the User.	M		
1.25	The Solution SHALL have the ability to import a NIST file and print a copy of the booking slip and finger/palm print cards.	M		
1.26	The Solution SHALL store all transaction files for each local Livescan device, of only the transaction files currently retained on that device. Transaction files stored on the local livescan can be printed even if network connectivity to the central server is not available.	M		
1.27	The Solution SHALL store transaction files from every Livescan device within the central server (including a backup), for a County-designated duration.	M		
1.28	The Solution SHALL be capable of utilizing permission-based context menus for administrative tasks to include, but not be limited to, opening the data directory folder of a highlighted transaction record selected on the inventory screen, deletion of highlighted transaction records, and export of highlighted transaction records to a NIST-compliant file.	M		
1.29	The Solution's Livescan PCs SHALL support Microsoft Windows 10 Enterprise Edition, and Windows Server 2010 and above.	M		
1.30	The Solution SHALL support Microsoft Windows 10 on all Participating Agency-owned PC workstations.	M		
1.31	The Solution SHALL support Microsoft Server Manager Windows 10.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
1.32	The Solution SHALL adhere to all Federal and State criminal reporting requirements (i.e., FBI's National Incident-Based Reporting System (NIBRS)).	M		
1.33	The Solution's Livescan device and its cameras and printers SHOULD be capable of being remotely accessed, configured, and supported over the County's Virtual Network Computing (VNC) network or similar.	O		
1.34	The Solution SHOULD support the following Network protocols: TCP/IP, NTP, Telnet, WiFi, SSH, SMB, FTP, HTTP, HTTPS, POP, SFTP, SSL, TLS, and Web Services, (XML, GJXDM/NIEM and SQL).	O		
1.35	The Solution SHOULD automate inventory tracking of all equipment provided by vendor.	O		
1.36	The Solution SHOULD allow the User to enter comments and/or table-driven explanation values regarding poor quality or missing image data at the conclusion of the record.	O		
1.37	As part of the web service transaction request for booking numbers, the Solution SHOULD be capable of receiving a fingerprint from the Subject being booked prior to the system issuing the booking number.	O		
1.37	The Solution SHOULD provide digital signature integration.	O		
1.38	The Solution SHOULD display User alerts with consistent functionality and language (i.e., "Are You Sure You Want to Exit? Y/N")	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
2.0 – Specifications – User Security and Functionality				
2.1	The Solution SHALL include a single User log-in for all CBS application modules, including instances when a User performs business functions for one or more Participating Agencies (i.e., LACRIS Help Desk staff).	M		
2.2	All components of the Solution SHALL utilize this centralized User security group roles. Explain how your Solution will function in an offline mode where there is no connectivity to the central User database.	M		
2.3	The User security group roles SHALL be maintained in the centralized database, with a local copy pushed out to each Livescan device.	M		
2.4	The proposed Solution SHALL support two logon protocols, Cal-DOJ Justice Identity Manager (JIM) and Domain OS logon using a County-designated Active Directory Federation Services (ADFS) authentication.	M		
2.5	User account information SHALL be stored on the central User database as well as locally on each device that the User has been granted permission to.	M		
2.6	The Solution SHALL allow the CBS System Administrator to select which logon protocol each User shall follow.	M		
2.7	The Solution SHALL allow Users to be assigned to multiple security groups.	M		
2.8	The Solution SHALL apply the highest permission levels of any group that a User belongs to, should that User belong to multiple groups.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
2.9	The Solution's security groups and rules SHALL have the capability of decentralized administration. Examples: a lower level Administrator at a local agency cannot create an account equal in security rights to their own. A local Administrator can only affect those Users within their agency.	M		
2.10	The Solution SHALL lockdown the Livescan device's OS for general Users but allow full access for Administrators.	M		
2.11	The Solution SHALL support automatic User account: <ul style="list-style-type: none"> • Lock-out, after a configurable number of days of inactivity • Unlock after a two-factor authentication, or by a system Administrator 	M		
2.12	The Solution SHALL control excessive image quality error overrides at the User level, with configurable warning and audit report capabilities.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
2.13	<p>The Solution SHALL contain the below functionality and provide administrative notifications (local and/or LACRIS Help Desk) by e-mail. Thresholds to be set by Administrators. Notifications to include but not be limited to:</p> <ul style="list-style-type: none"> • User errors • Too many failed login attempts • Too many image quality overrides • Too many match error (from flats or rolls) overrides • User locked out notification • User advised of eminent lockout if errors persist 	M		
2.14	The Solution's paperless functionality in Section 16.0 below SHOULD have role-based security and audit-tracking.	O		
3.0 – Specifications – Solution Database				
3.1	The Solution's database SHALL be configurable to include additional tables and fields, as required by County business processes.	M		
3.2	The Solution SHALL be able to receive table updates including validations (i.e., charge codes) and/or accept and utilize tables obtained from an external system or source (i.e., table file in a shared directory used by multiple applications) and immediately apply the new table set and validation rules.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
3.3	The Solution SHALL keep a database log of all transactions saved and/or submitted via interface. The log will contain, at minimum: <ul style="list-style-type: none"> • Date/time of transmission • Transaction number • Booking number • User actions with timestamps • System actions with timestamps • Name, gender, race and date of birth of the Subject fingerprint. 	M		
3.4	The Solution's database log SHALL be maintained for a configurable period of time, no less than three (3) years, as specified by County.	M		
3.5	The Solution SHOULD have database query functionality and activity logging.	O		
4.0 – System Software and Functionality				
4.1	The Solution SHALL include 3 rd party virus protection software as defined by County. (Currently McAfee Enterprise AntiVirus™).	M		
4.2	The Solution SHALL support and be capable of e-mail (sending and receiving) messaging.	M		
4.3	The Solution SHALL have its own means of communication, such as an email system, to support responses in email format (i.e., Simple Mail Transfer Protocol or SMTP) with attachments in EFT, SRE, plain text, etc. formats	M		

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4.4	The Solution's PC workstations and servers located at the locations SHALL have McAfee endpoint security software installed and running in the background. LACRIS will provide the McAfee endpoint security software as part of its enterprise site license.	M		
4.5	The Solution's PC workstations and servers located at the locations SHOULD have FireEye HX endpoint software installed and running in the background. LACRIS will provide the FireEye HX endpoint software as part of its site license.	O		
5.0 – Reports – Centralized and Local				
5.1	The reports SHALL be accessible utilizing the current and two most recent versions of an internet browser, IE, Chrome, Firefox, etc.	M		
5.2	All Users SHALL be authenticated prior to accessing the reports.	M		
5.3	The Solution SHALL ensure access to available reports is based on User's permissions.	M		
5.4	The Solution SHALL provide a list and description of the default reports.	M		
5.5	The Solution SHALL provide for ad hoc reporting with all fields available.	M		
5.6	The Solution SHALL provide a report building tool, including 10 concurrent software licenses, and necessary training.	M		
5.7	The Solution SHALL provide a web-based administration and reporting module.	M		
5.8	The Solution SHALL have a three (3) year retention for all booking forms.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
5.9	The Solution SHALL restrict data in a report to the User's specific permissions and/or groups that the User has rights to, (i.e., reports containing data only from their Law Enforcement [LE] agency).	M		
5.10	The Solution SHOULD remember report parameter settings run previously by that User, or allow a User to save a report design with those parameter settings.	O		
5.11	The Solution's report writer SHOULD include, at minimum, the following date parameters: <ul style="list-style-type: none"> • Begin date, or begin date/time • End date, or end date/time • Prior time periods (e.g., prior day, month, quarter, six months, year) 	O		
5.12	The Solution SHOULD store documents in PDF format with digital signature option.	O		
5.13	The Solution SHOULD support robust reporting capabilities to include, but not limited to, granular ad hoc reports, statistics, trend reporting, leaderboard statistics, (i.e., Users at a location generating best print quality), etc.	O		
5.14	The Solution SHOULD apply database indexing to generate reports within 1 minute.	O		
5.15	The Solution SHOULD export reports containing columnar and statistical data in multiple file formats (e.g., PDF, Excel, Word, CSV, and XML).	O		
5.16	When exporting reports in Excel format, the Solution SHOULD provide an Excel worksheet containing only the columnar header titles and	O		

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	data, where all page headers and footers are stripped from the resultant worksheet.			
6.0 – System Audit Capability				
6.1	The Solution SHALL provide a visual auditing tool to enhance Administrator’s ability to identify issues with submitted images, both fingerprints and photos.	M		
6.2	The Solution’s audited data SHALL be retained for a minimum of three (3) years.	M		
6.3	The Solution SHALL allow for external interface transactions to perform complete and partial record sealing and expunging in CBS. (i.e., MBIS can send a notification to CBS, and CBS will seal the record so Users cannot view the booking forms in CBS).	M		
6.4	The Solution’s audit tools SHALL allow Administrator to send warning notifications to a User, lock out a User, and restrict a User’s permissions.	M		
6.5	The Solution’s audit tools SHOULD be web-based with thumbnail type sized images from submitted records.	O		
6.6	The Solution’s audit tools SHOULD allow for reporting function and SHOULD include ability to email PDF (or MHT) files from within the audit tool.	O		
6.7	The Solution SHOULD provide a web-based comprehensive auditing module (including visual/image representations with the transactions).	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
6.8	The Solution's audited data SHOULD be capable of being filtered to include the entire system, specific agency, specific site, specific Livescan device, specific User, specific date range, and specific data field changes.	O		
6.9	The Solution SHOULD allow the Administrator to navigate the audit data and query/change parameters (i.e., clicking on hyperlinks).	O		
7.0 – System Dashboard				
7.1	The Solution SHOULD provide a single scrolling screen, real-time Graphical User Interface (GUI), showing a graphical presentation of the current status (snapshot) and historical trends of the system's key performance indicators to enable instantaneous and informed decisions to be made at a glance.	O		
7.2	The dashboard SHOULD be web-based and linked to the Solution's database which allows the information to be constantly updated.	O		
7.3	The dashboard SHOULD be capable of filtering by the following attributes: <ul style="list-style-type: none"> • Entire system (all Livescan devices) • Specific agency • Specific site • Date range (e.g., last 24 hours, prior week, prior month) 	O		

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7.4	Dashboard reporting data SHOULD include, but not be limited to: <ul style="list-style-type: none"> • Total number of submitted records • Daily total of submitted records • Hourly trend totals of submitted records • Average record submission times • Average record completion times • Complete system availability indicators • Total number of active Users • Top 10 most used Livescan devices (for LACRIS Help Desk) 	O		
8.0 – Types of Transactions (TOTs)				
8.1	The Solution SHALL be capable of submitting the following TOTs to the County’s MBIS via interface: <ul style="list-style-type: none"> • All California State TOTs • State and County TOT’s currently used in Los Angeles County, including but not limited to: <ul style="list-style-type: none"> ➤ ID2 ➤ ID4 ➤ Release ➤ Quick-ID ➤ Pre-ID ➤ Local Applicant Submission ➤ Update ➤ Test Record Submission ➤ Registrant ➤ DNS (option 2) 	M		

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8.2	The Solution SHALL be capable of a DNA submission to Cal-DOJ for criminal (CRM) transaction types, as follows: <ul style="list-style-type: none"> • CRM TOT • As a stand-alone transaction • As a converted transaction, modified to a CRM TOT 	M		
8.3	The Solution SHALL be able to receive, via interface response notifications from external systems (e.g., Cal-DOJ, FBI and MBIS), process the notification within CBS, and print for booking record.	M		
8.4	The Solution SHOULD be capable of capturing local rapid-DNA submissions by booking subject, where the unique DNA sample's ID number is read via a barcode reader and/or RFID (Radio Frequency ID) reader on the Livescan device.	O		
9.0 – Quick-ID Functionality				
9.1	The Quick-ID Solution SHALL include (2) desktop devices in a configuration described in Section 13.0 below, capable of submitting a hand/fingerprint(s) and an iris capture to the MBIS for identification verification, using the QID Type of Transaction (TOT).	M		
9.2	The Quick-ID Solution SHALL be able to receive, process, and print response notifications from MBIS.	M		
9.3	The Quick-ID Solution SHALL be able to receive, process, and print a booking photo from the County's Digital Mugshot System (DMS) or MBIS, based on the submitted biometric match (e.g. State, FBI or County identifiers).	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
10.0 –Hardware				
10.1	The Solution equipment hardware SHALL be new (unused) and current model.	M		
10.2	The Livescan equipment SHALL be supplied with all components specified in Sections 12, 13 and 14 below, delivered complete and functionally ready to operate.	M		
10.3	All equipment SHALL work on standard 120 volt circuit and be Underwriters Laboratory (UL) approved; maximum 20 amps.	M		
10.4	The Livescan equipment SHALL include an uninterrupted power supply (UPS) unit and a power conditioner, including surge suppression rated at 2,500 amps, which will provide power to each Livescan device (may exclude camera or printer) for a minimum of 15 minutes.	M		
10.5	Each Livescan device SHALL have all the necessary accessories (e.g., power cord, cabling) to make the device fully functional at installation.	M		
10.6	The Livescan device and its peripherals SHALL utilize existing sites' current configuration without physical modification to the facilities (i.e. new conduit, moving power, moving light bar, installation of a pedestal).	M		
10.7	Each Livescan device SHALL have its own Cisco managed network switch that can be monitored by Sheriff's Data Network (such as model WS-C2960C-8PC-L or agreed upon by Sheriff's Data Network).	M		
10.8	The software on the Livescan device SHALL be the same software that CaL-DOJ Certified	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
11.0 – Hardware – General Livescan Devices (Quantity: 163)				
11.1	<p>The Solution SHALL include the following attributes for 163 Livescan Devices:</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired magnetic stripe card reader • Wired Digital Signature Pad • 1000ppi Hand/finger capture scanner(s) • Iris Camera, mounted in clear view (Requirement #18.0) • A locking mechanism to prevent User from manually turning off Livescan device • Foot pedals located on both front corners of the cabinet (to allow User access regardless of left or right print capture positioning) • Casters with locking mechanism <p>Uninterrupted Power Supply and monitoring software (Requirements #s 1.16, 1.17, and 10.4)</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
11.2	The Solution SHALL include at least (1) one additional method other than foot pedals (e.g., button or switch) to activate scanners.	M		
11.3	The Solution's general Livescan device SHALL be housed in a ruggedized cabinet with the following maximum dimensions: <ul style="list-style-type: none"> • 72 inches height (including all peripherals) • 32 inches width • 30 inches depth 	M		
11.4	The Solution SHOULD include a microphone for Subject's voice capture (<i>if proposer includes Solution functionality in Requirement 25.34</i>).	O		
11.5	The Solution's Livescan device SHOULD incorporate flat and roll-type captures into one scanner.	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
12.0 – Hardware – Coroner Livescan Devices (Quantity: 2)				
12.1	<p>The Solution SHALL include the following attributes for 2 Coroner Devices:</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired magnetic stripe card reader • Wired Digital Signature Pad • Minimum 500ppi Hand/finger capture scanner(s) adapted to the Coroner’s unique business need • A locking mechanism to prevent User from manually turning off Livescan device • Foot pedals located on both front corners of the cabinet to allow User access regardless of left or right print capture positioning • Casters with locking mechanism • Uninterrupted Power Supply (Requirements #s 1.16, 1.17, and 10.4) 	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
12.2	Coroner's fingerprint capture equipment SHALL be adapted and configured to Coroner's unique business need.	M		
12.3	<p>The Solution's coroner Livescan device SHALL be housed in a ruggedized cabinet with the following maximum dimensions:</p> <ul style="list-style-type: none"> • 72 inches height (including all peripherals) • 32 inches width • 30 inches depth 	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
13.0 – Hardware – Quick-ID Devices (Quantity: 2)				
13.1	<p>The Solution’s Quick-ID device SHALL include the following attributes (Quantity 2):</p> <ul style="list-style-type: none"> • PC • Monitor-24” Touch Screen Flat Panel (maximum) with 12” display height (minimum) • Full-function, QWERTY wired keyboard with a numeric pad, separate function keys, and navigation keys. • Webcam, minimum 2.0 megapixels resolution, either built in the Monitor or wired-type and mounted to the Monitor (for face biometric login authentication) • Wired Optical Mouse • Wired 2D barcode reader • Wired Digital Signature Pad • Minimum 500ppi Hand/finger capture scanner(s) • Iris camera (Requirement #18.0) • 1 Wired foot pedal with capture and save capability • Uninterrupted Power Supply (Requirements #s 1.16, 1.17, and 10.4). 	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
14.0 – Hardware – Central Server Configuration				
14.1	<p>The Solution’s Central Server Configuration SHALL:</p> <ul style="list-style-type: none"> • Be contained in a Contractor-provided single server rack, with redundant power sources provided by LASD’s data center • Include all the servers and internal networking necessary for the entire CBS Solution functionality, installed in the rack • Have redundant networking capabilities to the Department’s PAC50 Network • Include two communication protocols to the Contractor’s second data center site, as follows: <ul style="list-style-type: none"> a. Contractor-provided direct point-to-point communication line b. VPN connection via the internet (as backup) 			
15.0 – Printer Functionality				
15.1	<p>The Solution SHALL be able to print within an agency and to the following network-type printers, including existing agency printers currently on hand (Refer to Section 16.0 for printer requirements).</p> <ul style="list-style-type: none"> • FBI certified laser printer • Color laser printer • Non-FBI certified laser printer • Wristband printer • Paperless printer Solution 	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
15.2	The Solution SHALL have the capability of printing to multiple printers and be configurable at any time by County, to print only those response messages, booking forms, Subject wrist bands, etc. that are requested by each agency or location.	M		
15.3	The printers SHALL have the capability of receiving print jobs from multiple Livescan or biometric capture devices.	M		
15.4	The Solution SHALL be capable of watermarking any image prior to packaging and submitting through the central server. Watermarking any image is configurable by Administrators based on permissions.	M		
15.5	The printers SHOULD have the capability to print a single job simultaneously to multiple printers, configurable by system Administrator.	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
16.0 – Printers – Color Laser (Quantity: 144)				
16.1	<p>The Solution’s color laser printer SHALL have, at minimum, the following attributes:</p> <ul style="list-style-type: none"> • 10/100/1000BaseTX Ethernet and USB 2.0 and/or above connections • Print speed supporting up to 22 ppm or higher • Resolution of 600 by 600 dpi • 40,000 page monthly duty cycle (minimum) • Duplex printing capable, automatic 2-sided <ul style="list-style-type: none"> i) Tray 1: (Multipurpose tray): Custom sizes: 3 x 5 in. to 8.5 x 14 in. (76.2 x 127 mm to 216 x 356 mm); capacity 150 pages minimum ii) Tray 2: (optional) Custom sizes: 5.8 x 8.3 in. to 8.5 x 14 in. (148 x 210 mm to 216 x 356 mm); capacity 500 pages iii) Manual feed function (optional) • Toner capacity yield of at least 6,000 sheet 	M		
17.0 – Paperless Storage/Print Functionality on Demand				
17.1	<p>The Solution SHALL be capable of storing electronic documents and be accessible through a web service, both within the local law enforcement agency and the central site as a central repository. An agency can select and print any of the electronic documents received by the Solution’s Livescan device assigned to their agency, to any of that agency’s printer(s).</p>	M		

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17.2	The printerless Solution SHALL be capable of different output formats, including PDF, MHT, TIFF, PNG, and JPEG. It SHALL also support email capability.	M		
17.3	The central repository SHALL retain record documents indefinitely or until sealed or expunged.	M		
17.4	The document repository on each Livescan device SHALL be retained for as long as the corresponding record is available on that device.	M		
18.0 – MugShot Camera (Quantity: 139)				
18.1	The camera SHALL have a minimum of 10 Megapixels and comparable to a 1/4-Type CCD Sensor, or better.	M		
18.2	Image quality SHALL meet or exceed the NIST Best Practice Recommendations for the Capture of mugshots http://www.nist.gov/itl/iad/ig/ansi_standard.cfm	M		
18.3	The camera SHALL have livescan Solution software-controlled Digital SLR, where the software controls the camera’s zoom, photo capture, and power management.	M		
18.4	The Solution SHALL be capable of taking a whole single image and allows the User to manually crop multiple scars, marks and tattoos (SMTs) with a roping type software tool and further allow close cropping using an intuitive software design.	M		
18.5	The camera SHALL have auto face-finding capability either through hardware or software Solution.	M		
18.6	The Solution SHALL support auto-sizing for front and profile photos with User override capability configured by system Administrator.	M		

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18.7	The Solution SHALL support the capturing of up to 99 SMTs per criminal transaction.	M		
18.8	The Solution SHALL require the User at the Livescan device to capture SMT photos in instances where a booking record was initiated elsewhere (i.e., agency RMS) indicated that an SMT exists on the Subject.	M		
18.9	The User SHALL be able to override the initial descriptions and/or SMT location based on policy (ies) if the record was initially started elsewhere (i.e. agency RMS).	M		
18.10	The camera SHALL be capable of feeding an image to, and be controlled from, multiple Livescans.	M		
18.11	Mugshot image quality (i.e, Subject’s sizing in photo) at all sites SHALL remain consistent throughout the County, regardless of the Livescan device setup and location, identified in ‘Equipment Locations & Inventory’ (Exhibit D) to the SOW. Most sites utilize a ceiling mounted three (3) point lighting system, as illustrated in ‘Sample Equipment Setup Diagram’ (Attachment G.1) to the SOW.	M		
18.12	All mugshot camera installations SHALL be hard-wired and able to utilize existing sites’ footprint without physical modification to the facilities (i.e. new conduit, moving power, moving light bar, installation of a pedestal). Using ‘Sample Equipment Setup Diagram’ (Attachment G.1) to the SOW as the standard location configuration, describe how your mugshot quality component will be integrated at a site.	M		

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18.13	The camera SHOULD be either an IP camera or Digital SLR camera with pan, tilt and zoom capabilities.	O		
18.14	The Solution Administrators SHOULD be able to check mugshot calibration remotely; preferably using VNCTM or similar.	O		
18.15	If the camera has video capability it SHOULD support a minimum of 720H x 480W resolution.	O		
19.0 – Iris Camera (Quantity: 163)				
19.1	The Iris Type 17 Transaction within the Solution, SHALL conform to the most current “Technical Specifications Document for the Iris Pilot (IP) Project” as specified by the FBI. https://www.fbibiospecs.cjis.gov/Document/Get?fileName=Iris_Pilot_Technical_Specification_DRAFT-v2-6-8.pdf	M		
19.2	The Iris camera SHALL be securely attached to the Solution’s cabinet or with a locking device (i.e. security cable) for positioning the camera forward, with vendor-provided interconnection wiring/cabling from CPU to camera	M		
19.3	The Iris camera SHALL capture both eyes simultaneously on the first capture, allow individual captures after alerting User when the original capture quality is poor, and/or override if necessary (i.e., artificial eye).	M		
19.4	The Solution SHOULD support a web services call to check if a verified suspect’s iris has already been captured. This web service shall be able to query both the local MBIS. If an iris is already on file, the software will automatically bypass the iris capture process.	O		

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19.5	The Solution SHOULD display an intuitive GUI to allow the User to override poor quality iris captures with a drop down menu selection tab.	O		
19.6	The Solution SHOULD be capable of simultaneously capturing a photo of the Subject's mugshot and iris capture, to positively validate it's the same Subject and provide data integrity.	O		
19.7	The Solution SHOULD allow for the full response data from the FBI, via the Cal-DOJ interface, regarding iris searches, to include but not limited to, outstanding wants/warrants and caution & medical codes – this information SHOULD be prominently displayed for operators.	O		
20.0 – Connectivity				
20.1	The Solution SHALL support network connectivity of 10Base-T (RJ-45) TCP/IP, UDP, SMTP.	M		
20.2	The Solution SHALL have a real-time interface to the County's MBIS using a County network connection. Interfaces include, but are not limited to FTP, SMTP, Web Services, SFTP, etc.	M		
20.3	The Solution SHOULD be capable of utilizing Firewire™ or IEEE 1394 connectivity technology.	O		

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21.0 – Fingerprint Images – includes all fingerprint images captured				
21.1	The Solution SHALL support 1000ppi which is required for all fingerprint images captured in Section 12 above ‘General Livescan Devices,’ including: <ul style="list-style-type: none"> • Individually rolled • 4-Finger flats • Palm print and Writer’s palm (describe optics), including: <ol style="list-style-type: none"> i. Upper / Lower ii. Whole Hand iii. Writer’s Edge 	M		
21.2	The Solution SHALL support 1000ppi using JPEG 2000 15:1 Compression and is backward compatible to 500 WSQ.	M		
21.3	The Solution SHALL be in compliance with “Profile for 1000ppi Fingerprint Compression” Version 1.1 https://www.fbibiospecs.cjis.gov/Document/Get?fileName=J2K1000.pdf	M		
22.0 – Fingerprint Image Capture				
22.1	If the Solution optics do not capture the whole palm (with one pass), it SHALL include all images that are applicable to that Solution’s device (rolls, flats, upper palm, lower palm, inter-digital, and writer’s edge).	M		
22.2	The Solution SHALL support 4-finger flat to roll comparison (i.e., detection of fingers rolled out of sequence).	M		
22.3	The Solution SHALL be within 99.5% match accuracy.	M		

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22.4	The Solution SHALL support 4-finger flat to match against all captured flats and alert the User if there is not a match.	M		
22.5	The Solution SHALL be configurable to allow the “out of sequence” finger to be saved.	M		
22.6	The Solution SHALL provide a side-by-side view of two or more images if the image already exists, with scoring to allow the User to decide which image to save.	M		
22.7	The Solution SHALL provide way of annotating the image when a capture cannot occur or is an exception (e.g., scarred, amputation). Annotation can occur either before or after capture.	M		
22.8	If the Solution optics do capture the whole palm (with one pass), it SHOULD include all images that are applicable to that Solution’s device (rolls, flats, whole hand, and writer’s edge.)	O		
22.9	The Solution SHOULD be capable of a single-pass 8” palm capture.	O		
22.10	At the time of capturing the whole hand and/or upper palm, the Solution SHOULD also capture and extract the four (4) finger flat images, in lieu of performing singular flat image capture.	O		

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23.0 – Image Capture Times				
23.1	The Solution SHALL provide capture times as listed below. Capture timing will be from activation of foot pedal (button, or other type of switch) or if auto capture from acceptance of last image captured until the quality check is done and displayed on screen: <ul style="list-style-type: none"> • Flat single finger - 2 seconds • Rolled images - 3 seconds • Upper Palm - 3 seconds • Lower Palm – 3 seconds 	M		
23.2	The Solution SHALL provide capture times, as listed below. Capture timing will be from activation of foot pedal (button, or other type of switch) to support upper palm and the four (4) finger flat images, and display on the screen: <ul style="list-style-type: none"> • Upper Palm - 3 seconds • Whole hand - 6 seconds 	M		
24.0 – Fingerprint Image Quality Override				
24.1	The Solution SHALL check every image capture for quality.	M		
24.2	The Solution SHALL allow the User to override and accept what the system determines to be a poor image, and log this action.	M		
24.3	The Solution SHALL be configurable to force the User to try and obtain a better quality image by a configurable number of times.	M		
24.4	When the User’s statistics drop below a configurable acceptable level, the Solution SHALL restrict the User’s account.	M		

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24.5	The User's access SHALL be turned off when their statistics fall below a configured acceptable level.	M		
24.6	The Solution SHALL allow the User to save the best print of all re-rolled prints.	M		
24.7	The Solution SHALL track each User's image quality results.	M		
24.8	If the proposed Solution captures the whole palm in a single pass, the system SHOULD check upper palm and lower palm separately for quality.	O		
25.0 – User and Administrator Calibration Checks				
25.1	If capture scanners are not self-calibrating, the Solution SHALL allow Users to check and perform a scanner calibration for each attached scanner capture type. This calibration process SHALL not exceed one (1) minute.	M		
25.2	If capture scanners are not self-calibrating, the Solution SHALL alert Users to perform scanner calibration by a configurable schedule (i.e., after twenty-five (25) bookings or twenty-one (21) days, whichever is earlier).	M		
25.3	The capture scanners SHOULD be self-calibrating, and provide a calibration report, configurable (e.g., amount of bookings or days) by a system Administrator.	O		
26.0 – General Interface, Network, Hardware, and Software				
26.1	The Solution SHALL support automatic updates at the device level.	M		
26.2	The Solution SHALL be capable of synchronizing with time servers for all devices utilizing Network Time Protocol (NTP.)	M		

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26.3	The Solution SHALL display to the User, an intuitive status indicator for designated interfaces on which the Livescan device relies to communicate, indicating their connectivity.	M		
26.4	The Solution SHALL still process a transaction when the network and/or AJIS interface is unavailable, and SHALL alert the User (i.e., warning message) advising them when working in an offline mode.	M		
26.5	The Solution SHALL allow Users to log into the Livescan devices when the network and/or AJIS interface is unavailable.	M		
26.6	The Solution SHALL have software version control and be capable of an automated procedure to ensure that all devices are running the same software, drivers, firmware, module, or other components.	M		
26.7	The Solution SHALL have a table version control and be capable of handling more than one version of tables (agency and/or location-specific table values).	M		

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26.8	<p>The Solution SHALL be compliant with the most recent version of the following standards:</p> <ul style="list-style-type: none"> • NIST - Types 1, 2, 4, 8, 9, 10, 14, 15, and 17, as well as additional future types within 6 weeks of publication • EBTS • Cal-DOJ NIST • FBI/CJIS • LA County NIST (Attachment G.5) to the SOW • American National Standards Institute/National Institute of Standards and Technology (ANSI/NIST) http://www.nist.gov/itl/iad/ig/ansi_standard.cfm <p>Note: The Solution SHALL remain compliant with the above standards, throughout the term of the Contract, as new versions are published.</p>	M		
26.9	<p>The Solution SHALL support custom print formats (e.g., Los Angeles County booking slip, wristbands, medical screening forms, certificate of release, bail deviation form, and additional charge form) shown in ‘Sample Booking Forms’ (Attachment G.3) to the SOW.</p>	M		
26.10	<p>The Solution SHALL allow system Administrators to design custom report formats using a 3rd Party Report Writer (i.e., Crystal Reports), and print them based on permissions.</p>	M		
26.11	<p>All licenses for any third party software required for this Solution SHALL be included.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
26.12	<p>The Solution SHALL save partially completed bookings and allow a User to retrieve and continue the booking process after a Subject's fingerprint identification, from conditions such as:</p> <ul style="list-style-type: none"> • After a local identification with 99.5% match accuracy • After an MBIS identification 	M		
26.13	<p>The Solution SHALL be capable of retrieving an incomplete booking transaction from a Livescan device than originally started.</p>	M		
26.14	<p>The Solution SHALL support the ability to block the editing of a record when the fingerprint identification falls below the 99.5% match threshold.</p>	M		
26.15	<p>The Solution SHALL support the ability to allow limited editing without fingerprint identification.</p>	M		
26.16	<p>The Solution SHALL support Barcode Scanning and printing (two-dimensional capable) for the following example purposes:</p> <ul style="list-style-type: none"> • To aid in data entry • To initiate a demographic download • To be used with any TOT or function • For wristband printing • All booking documentation • For ID Card 	M		
26.17	<p>The Solution SHALL support completed booking review on the Livescan device, prior to submission/transmission of booking record.</p>	M		
26.18	<p>The Solution SHALL be capable of supporting a touch screen monitor.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
26.19	The Solution SHALL be compliant with Global Justice XML Data Dictionary Version 3.0 or most current.	M		
26.20	The Solution SHALL support screen lock after configurable number of minutes.	M		
26.21	<p>The Solution SHALL support biometric logins with any combination of the following:</p> <ul style="list-style-type: none"> • User’s account credentials (User ID and password) • User’s fingerprint, captured with Livescan’s fingerprint scanner • User’s iris, captured with Livescan’s iris camera • User’s face, captured with Livescan’s webcam 	M		
26.22	The Solution SHALL be capable of reading a magnetic stripe card (primarily used for a Subject’s Driver’s License).	M		
26.23	The Solution SHALL provide advance warning via e-mail notification to the LACRIS Help Desk when the Solution is detecting eminent failure/or system degradation.	M		
26.24	The Solution Livescan device SHALL retain the 2,500 most recent transaction records and 100,000 submitted NIST files.	M		
26.25	The Solution SHALL support RAID configurations of either RAID 5, RAID 6, RAID 10 or RAID 50 to protect against data loss and system downtime in the event of mechanical failure of one (1) hard drive.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
26.26	The Solution SHALL not delete any previous transaction record unless it was successfully transmitted to all designated destinations with ensured delivery and/or by system Administrator.	M		
26.27	The Solution SHALL provide a warning to the User when three (3) attempts to send a transaction have failed and/or were unsuccessfully transmitted to all the designated systems; it SHALL also send an e-mail to the system Administrators of the failed submissions.	M		
26.28	All of the Solution's network communications SHALL meet the 'Sheriff's Data Network System Security Standards' to the SOW.	M		
26.29	The Solution SHALL encrypt County specified data, including criminal, throughout the Solution.	M		
26.30	The Solution SHALL provide a notification/messaging function that allows the LACRIS Help Desk to post priority messages directly to the Livescan devices informing the User of current system issues. (e.g., Cal-DOJ is down, planned system shutdowns, etc.)	M		
26.31	<p>The Solution's notification/messaging function SHOULD appear instantly at each User log-in and include at minimum the following features:</p> <ul style="list-style-type: none"> • 350 characters in length • Four (4) different size fonts • Four (4) different colors • Automatic word wrap • Close message tab 	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
26.32	The Solution SHOULD provide functionality to allow the LACRIS Help Desk staff to select which devices the notification/message is to be displayed (e.g. by agency, location, individually, etc.).	O		
26.33	<p>The Solution SHOULD provide a GUI, which includes but is not limited to the following features:</p> <ul style="list-style-type: none"> • Configurable by Administrator based on CBS security groups • Defaults available on screen fields. To be configured by systems Administrators • On screen context sensitive help with video tutorial (which a User can hide and/or disable) • Hot key based • Mouse hover • Predictive-type data table lookups • Launch/Splash screen with leaderboard statistics (e.g., User, ORI [originating agency identifier], agency) 	O		
26.34	The Solution SHOULD allow a User to forward transaction confirmation messages (for example, a group mailbox that will allow several individuals to monitor and respond.)	O		
26.35	The Solution SHOULD be capable of capturing biometric voice recordings in the booking workflow, and submit them to MBIS as part of an identification package.	O		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
26.36	The Solution SHOULD be capable of bypassing the iris capture booking workflow process, when MBIS and/or the FBI's booking repository verifies that the Subject has an iris capture already on file.	O		
27.0 – Automated Booking Segment (ABS) Module				
27.1	The Solution SHALL include a browser-based, web-enabled, data entry module, referred to in this Section as the Automated Booking Segment(ABS) Module (ABSM), accessible from any County-provided computer device with network connectivity on a County-specified secured network	M		
27.2	The Solution's ABSM SHALL be fully integrated with the CBS software installed on the Livescan devices, where CBS booking records from either the Livescan device or a web browser, will be: <ul style="list-style-type: none"> • Created, assigning a unique booking number • Retrieved • Edited • Saved • Copied as a new booking record (and new booking number) • Printed (in hardcopy, TIFF, and PDF) 	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
27.3	<p>The Solution’s ABSM SHALL resemble the County’s current Automated Booking System’s workflow and GUI, ‘Sample Booking Forms (Attachment G.3) to the SOW, taking the following into consideration:</p> <ul style="list-style-type: none"> • Login/security protocols • The order of the GUI screens • Screen navigation • The placement of data fields per screen • The field tabbing sequence in a screen • Mandatory fields required in each screen before proceeding to the next screen • Drop-down table values 	M		

27.4	<p>The Solution’s ABSM SHALL include a Participating Agency-specific tiered electronic approval workflow process, not to exceed 5 levels, as follows:</p> <ul style="list-style-type: none"> • Initiating User completes a booking record consisting of multiple forms, as provided in ‘Sample Booking Forms (Attachment G.3) to the SOW, and submits to next level for review/approval • Next level User reviews the booking record and will either: <ul style="list-style-type: none"> i) Edit the record, approve and submit to next level for their approval ii) Reject the record for correction by the initiating User, providing a rejection explanation in an ABS free-text field • Every User in the approval process will have their own work queue, and booking records that have not obtained final level approval shall be displayed with record status • The booking record can be edited and saved (as the most current record) by any level in this workflow process • The booking record shall, at the Agency’s discretion for each of their Users, be completely paperless or allow some or all of the record be printed in hardcopy 	M		
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Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
	<ul style="list-style-type: none"> • Electronic approvals (in lieu of signatures) are applied to the booking record when User verifies/approves record • Approved booking records are automatically routed to the next level review or final record approval • The above workflow process is configurable in CBS' System Administration module by agency, level approvals, etc. 			
27.5	<p>The Solution's ABSM SHALL include data entry fields that mirror the look and workflow of the County Booking Forms, 'Sample Booking Forms (Attachment G.3) to the SOW, requiring:</p> <ul style="list-style-type: none"> • Mandatory data entry fields • Different field types (drop down values, table dictionary driven, date and date/time, radio buttons, free text, etc.), with validation rules • Alike data fields across booking form screens auto-populate, for reducing data entry 	M		
27.6	<p>The Solution's ABSM SHALL assign and display on each screen both the booking number and unique ABS to CBS transaction number.</p>	M		
27.7	<p>The Solution's ABSM SHALL auto-save a partially completed booking record when moving from one screen field to the next and, when required, every thirty (30) seconds within the same field.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
27.8	The Solution's ABSM SHALL lock a booking record for a County-defined time period, and allow a System Administrator to unlock the record.	M		
27.9	The Solution's ABSM SHALL alert the originating record User, upon returning to the booking record, that the record was updated by another User, identifying the other User.	M		
27.10	The Solution's ABSM SHALL as part of the booking process, prompt a User working in the field to attach a Subject's biometric identifier into the booking record. Allow User to override this step once User enters a reason (e.g., Subject has amputations).	M		
27.11	The Solution's ABSM SHALL submit a fingerprint capture via the Mobile Gateway interface 'System Interfaces' (Exhibit C) to the SOW, and attach to the booking record for verifying the Subject during the livescan process.	M		
27.12	The Solution's ABSM SHALL include navigation tools (e.g., screen tabs, command buttons) for the User to navigate from one data entry screen to another.	M		
27.13	The Solution's ABSM SHALL include intuitive touchscreen capabilities for any County-provided computer device that has this technology.	M		
27.14	The Solution SHALL be capable of tracking each User who views, edits, or prints specified forms.	M		
27.15	The Solution's ABSM SHALL be configurable to include additional tables and fields, with or without drop down menus, when required by County to conform to changing business practices.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
27.16	The Solution's ABSM SHOULD include a toggling day/night mode that adjust screen(s) for day or night viewing, with automated defaults based on the time of day.	O		
27.17	The Solution's ABSM SHOULD alert the originating record User via email whenever their record was updated by another User, with a link to the record.	O		
28.0 – Records Management System (RMS) and External System Interfaces				
28.1	The Solution SHALL interface with external systems, as identified and summarized in 'System Interfaces' (Exhibit C) to the SOW.	M		
28.2	The Solution SHALL support two-way interfacing to multiple Participating Agency RMSs (multiple interfaces), where updates made in the agency's RMS also updates the booking record in the Livescan device.	M		
28.3	The Solution SHALL allow a single Livescan to communicate simultaneously to multiple RMS interfaces (e.g., Site A's Livescan creates a record but submits it to three different RMS interfaces [Sites A, B, and C]).	M		
28.4	The Solution SHALL interface with County's AJIS for modifying any allowable fields after the initial booking and fingerprint verification of subject; automatic locking of edit feature after a configurable amount of time and/or events with admin override. This type of modification would deny User to resend NIST file to MBIS without authorization.	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
28.5	<p>The Solution SHALL permit the installation of the County’s JDIC terminal emulator software on the Livescan device(s), for performing the following functions:</p> <ul style="list-style-type: none"> • Sending and receiving messages • Interfacing with other County systems (CWS, CCHRS, AJIS, DMS, etc.) 	M		
28.6	<p>The Solution SHALL support JDIC messaging, FTP, SMTP, SQL and XML as these are anticipated to be the primary methods for interface.</p>	M		
28.7	<p>The Solution SHALL support standard XML protocols for the local Participating Agencies’ RMS, as follows:</p> <ul style="list-style-type: none"> • GJXDM - the current XML protocol utilized by 20+ agencies • NIEM - the newest and more robust protocol for all replacement RMS connections, as chosen by the Participating Agency • FTP (File Transfer Protocol) 	M		
28.8	<p>The Solution SHALL be “Single Data Entry.” A booking record may begin on the Livescan device, local RMS, or AJIS.</p>	M		
28.9	<p>The Solution SHALL support a query from any Participating Agency’s RMS to CBS’s database via a SQL database view on each Livescan, as well as the central database servers, for importing into the RMS new records and modified records from CBS.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
28.10	<p>The Solution SHALL handle the functionality above 27.9 in the following formats:</p> <ul style="list-style-type: none"> • Cal-DOJ NIST with and without Type 10, ‘Cal-DOJ NIST’ • Los Angeles County NIST with and without Type 10, ‘County NIST Data Types’ (Attachment G.4) to the SOW 	M		
28.11	<p>The Solution SHALL support an interface with the County’s consolidated booking system (currently AJIS) using TCP/IP (current), database-stored procedure calls, or web services such as GJXDM/NIEM.</p>	M		
29.0 – Continuity of Operations				
29.1	<p>The Solution’s central server functionality for the CBS Production environment SHALL be replicated at a secondary vendor-provided site.</p>	M		
29.2	<p>The Solution’s secondary site SHALL be located outside Los Angeles County, for meeting County’s Disaster Recovery provisions.</p>	M		
29.3	<p>The Solution’s secondary site SHALL be CJIS compliant and located either in the vendor’s designated Data Center or a CJIS-compliant cloud.</p>	M		
29.4	<p>The Solution’s secondary site SHALL be redundant to the Solution’s primary site at LASD’s Data Center for a seamless system failover, in instances when the primary site is down for an extended period of time.</p>	M		

Req #	Requirement	M/O	B/C/D/X	Comments - Detailed discussion of how the proposed Solution meets the Requirement
29.5	The Solution's secondary site SHALL be load balanced as active/active environments, with the Solution's primary site at LASD's Data Center, for maintaining system performance during heavy Solution use.	M		
29.6	The Solution's secondary site SHALL include all hardware, Software licensing, and maintenance (including interfaces, O/S, database, virus scan, report writer and other 3rd party software).	M		
29.7	The Solution's secondary site SHALL include, at the vendor's expense, a direct network communication line from LASD's Data Center to the secondary site location.	M		
29.8	The solution SHALL support the option to automatically forward all positive identification responses received by a Livescan to Participating Agencies' RMS via web services (e.g. GJXDM/NIEM) and FTP, based on the Participating Agency's RMS capability for updating the RMS record.	M		
29.9	The Solution SHALL meet all System Performance measurements specified in the Service Level Agreement's (Exhibit B) System Response Time Matrix table.	M		
29.10	The Solution SHOULD include self-monitoring tools (e.g., identifying interfaces that are down, temporary database tables getting full requiring cleansing) and remote diagnostics, for early detection in identifying Solution problems.	O		
29.11	The Solution's central repository SHOULD include a redundant data storage and backup.	O		



**LOS ANGELES COUNTY SHERIFFS DEPARTMENT
FISCAL ADMINISTRATION
CONTRACTS UNIT**



**CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT
Required Forms – Exhibit 21 (Revised-Bulletin# 4)**

Project Number: **555-SH**

Project Title: **CRIMINAL BOOKING SYSTEM – LIVSCAN SOLUTION**

This Confidentiality and Non-Disclosure Agreement (NDA) is intended to protect, in part, the integrity of the contracting process associated with this project as well as various proprietary confidential law enforcement materials developed by the County of Los Angeles, Sheriff's Department.

The County of Los Angeles (County) strives to ensure that there is no actual or perceived conflict of interest or bias in the contracting process. The County also strives to ensure that County's proprietary confidential materials so-identified by County and received by prospective Proposer or its employees or agents during or after the proposal submission process, remain confidential and are not disclosed, published, nor made available to any third party in any form.

By signing this NDA, I hereby certify and acknowledge the following:

Initials

I hereby agree that NO confidential County materials associated with this project received by me [or our company] at the Mandatory Proposer's Conference or at any time thereafter, no matter how trivial, shall be directly or indirectly communicated by me to any third party in any form, nor to any persons employed by Proposer who are not directly engaged in contributing to the proposal submission process for the subject Project.

I further agree, in the event of inadvertent disclosure, I shall immediately notify the Contracts Unit. In the event of a need to disclose such information or materials to a third party not directly engaged in the proposal submission process, I shall immediately notify and seek approval from the Contracts Unit prior to such disclosure.

I HAVE READ AND UNDERSTOOD THE ABOVE, AND HEREBY AGREE TO COMPLY WITH THE TERMS OF THIS NDA:

SIGNATURE

DATE

PRINTED NAME

PROPOSER'S CORPORATE NAME

TITLE

ROLE ON PROJECT