



# Systems Delivery and Project Portfolio Management (SDPPM)

EFCD NMSO RFSO

## APPENDIX K: REQUIREMENTS TRACEABILITY MATRIX

**Last Updated Date:** 2020-07-04

**Status:** Final

**Version:** 1.0

**RDIMS Document No.:** RTMv1



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## 1. REQUIREMENTS TRACEABILITY MATRIX – MANDATORY CONSENSUS FORM

### 1.1 Requirements Declaration

I, \_\_\_\_\_(name), \_\_\_\_\_(position), declare that \_\_\_\_\_(supplier's name) meets all of the Mandatory requirements of the EFCD Statement Of Requirement (SOR) and associated annexes and compliancy documents. The information provided in the Requirements Traceability Matrix (Appendix H) is, to the best of my knowledge and belief, true, accurate and complete. I am aware that a false or misleading certification or declaration will result in my proposal or offer being deemed non-responsive. I am also aware that Canada may terminate a contract for default when a supplier has provided a false or misleading certification or declaration.

Note: The Immigration (IMM) and Deportee transactions are excluded from the effort and pricing for the solicitation. The Offeror must be able to support the IMM and Deportee workflow requirements stated throughout this SOR and its accompanying documents as well as be capable of the supply, maintenance, and support of EFCDs that successfully process IMM and Deportee workflow transactions. Supporting the IMM and Deportee requirements, if implemented, will be part of a Task Authorization after contract award.

Signature: \_\_\_\_\_

Date : \_\_\_\_\_

1.2 Appendix A: EFCD Statement of Requirement – v3C

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 General						
1.1 General	1. In order to support ongoing operational requirements for Real Time Identification (RTID), the Royal Canadian Mounted Police (RCMP) requires the establishment of a National Master Standing Offer (NMSO) for Electronic Fingerprint Capture Devices (EFCDs). The purpose of this NMSO is to provide a contracting mechanism for the RCMP, the Government of Canada (GC) (including Departmental Corporation or Agency, or other body of the Government of Canada) as well as all Canadian Provincial/Municipal Governments (CPMGs) to procure EFCDs in support of operational requirements to submit electronic biometric (e.g., fingerprint, palm print, photo) and biographical data (e.g., name, date of birth) to RCMP's RTID System.	(I)				
1.1 General	2. This Statement Of Requirement (SOR), its accompanying annexes and compliancy documents describe the requirements that must be satisfied to replace the existing EFCD NMSO. These requirements include both Livescan and Cardscan EFCDs; and Simple Mail Transfer Protocol (SMTP) Single Point Of Interface (SPOI) Servers when there is more than one EFCD at an agency.	(M)				
1.1 General	3. This NMSO will be considered a contracting mechanism to supply a turnkey solution for the devices included in this NMSO Request For Standing Offer (RFSO). There will be no planned design reviews or other similar project type activities that will be part of the NMSO contract. Instead, an evaluation will be performed on the Livescan/Cardscan NMSO bids from Vendors and their bids are required to meet a minimum score. Any Vendors meeting the	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	minimum score will have their EFCDs evaluated through a Benchmark test creating an overall Vendor score. These overall scores together with the evaluation process will be used to determine the winning supplier. The successful Vendor will complete the required changes to the EFCDs based on the requirements and work with RCMP staff to ensure the requirements are clearly understood and effectively implemented. Consequently, there will be some Vendor project management activities to complete the required changes and coordinate discussions with RCMP staff. Design document reviews can be used as part of the approval process; however, the RCMP's focus is on approving the EFCD's functionality and operation.					
1.1 General	4. Additionally, there is no plan to have Factory Acceptance Testing (FAT) for EFCDs. Any changes to EFCDs will follow an RCMP approval process to verify all requirements are satisfied. This process is expected to be similar to the RCMP certification process with user acceptance testing added to ensure the changes operate as required on the EFCDs and receive a recertification (if required) indicating they are ready for Production use. This approval process may be adjusted, as required. The RCMP will ensure Subject Matter Experts (SMEs) are available in a timely manner to clarify requirements, review and/or approve documentation, functional user interface screens, or interim versions of the EFCD updates (e.g. agile method) as required.	(I)				
1.1 General	5. The Vendor shall provide the goods and services described herein, in accordance with the terms and conditions of the contract resulting from this SOR, that will enable the RCMP/GC/CPMGs to continue efficient, effective and secure	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	RTID System processing that supports the requirements included in this SOR and its accompanying documents.					
1.1 General	6. Mandatory requirements are marked with “(M)” at the end of a paragraph or an “M” in tables where mandatory requirements are listed identified using the terms “must”, “shall” or “will”.	(I)				
1.1 General	7. Rated requirements are marked with “(R)” at the end of a paragraph or an “R” in tables where rated requirements are listed. The wording used to identify these rated requirements is “should”, “could” or “may”.	(I)				
1.1 General	8. Information items are marked with “(I)” at the end of a paragraph.	(I)				
1.1 General	9. A List of Definitions is included Attachment A-3	(I)				
1.2 ICD / NMSO Background And Related Information						
1.2 ICD / NMSO Background And Related Information	1. RCMP’s RTID System supports the electronic submission, search and response to fingerprint search transactions based on NPS-NIST-ICDs. In support of the RTID System, the RCMP identified a need to establish a procurement mechanism to allow RCMP and GC Federal Departments a means to procure EFCDs to enable the creation, submission, printing, storage, and response processing of NPS-NIST-ICD compliant transactions. The NMSO created through this previous process will expire in October 2020; consequently, a replacement NMSO is required to support the continuing requirement for EFCD processing by the RCMP and GC.	(I)				
1.2 ICD / NMSO Background	2. There is also no requirement for bidders to support the Immigration Enrolment Submission (IMM) transaction prior to bidding.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
And Related Information						
1.2 ICD / NMSO Background And Related Information	3. The Vendor must be able to support the IMM transaction and the Deportee workflow requirements stated throughout this SOR and its accompanying documents as well as be capable of the supply, maintenance, and support of EFCDs that successfully process IMM transactions and the Deportee workflow. Supporting the IMM and Deportee requirements, if implemented, will be part of a Task Authorization after contract award.	(M)				
1.2 ICD / NMSO Background And Related Information	4. The following three (3) existing 1.7.8 ICDs were merged into one ICD as NPS-NIST-ICD 1.7.8 Revision 1.6: a. the current Revision 1.3; b. AFIS Renewal RFP Revision 1.4; and c. the internal Cardscan ICD.	(I)				
1.3 High-level Requirement						
1.3 High-level Requirement	1. This requirement includes establishing a standing offer for one (1) Vendor. Consequently, the GC is expecting very competitive pricing for the devices included in the NMSO and the evaluation criteria reflects this expectation.	(I)				
1.3 High-level Requirement	2. With the bid submission, the Vendor must provide RCMP Letters of Certification for each Type of Transaction (TOT) for which they have certifications indicating that they have at least two (2) EFCDs, both a Livescan (capable of capturing Rolled/Plain/Palm and ID Flat prints) and Cardscan device (capable of capturing Rolled/Plain/Palm and ID Flat prints), certified by the RCMP to support all of the following TOTs for the NPS-NIST-ICD 1.7.8 Rev 1.6 (included as a compliancy document herein):	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>a. Criminal Tenprint Transaction Retain Yes (CAR-Y);</li> <li>b. Criminal Tenprint Transaction Retain No (CAR-N);</li> <li>c. Refugee Transaction (REF); and</li> <li>d. Miscellaneous Applicant Civil (MAP).</li> </ul>					
1.3 High-level Requirement	3. The NPS-NIST-ICD 1.7.8 Rev 1.6 was formally published in February 2019 after addressing comments received from the Letter Of Interest (LOI)	(I)				
1.3 High-level Requirement	4. If required, the EFCDs of the selected Vendor must be ready for RCMP recertification after completing the changes required to support the requirements, as stated in this SOR and its accompanying documents, within six (6) months of contractor selection or they may be removed from the NMSO as noncompliant; and the next most qualified bidder may be considered. RCMP is solely responsible for determining whether recertification is required based on the changes completed by the Vendor.	(M)				
1.3 High-level Requirement	5. The requirement must include the supply, maintenance, and support of EFCDs (Livescan and Cardscan) for the RCMP, GC, as well as all CPMGs.	(M)				
1.3 High-level Requirement	6. The requirement must include the supply, maintenance, and support of SMTP-SPOI Servers when there is more than one (1) EFCD at an agency, if required.	(M)				
1.3 High-level Requirement	7. RCMP requires that agency/sites with more than five (5) EFCDs use a single point of contact for communication with the RTID System, with rare exceptions when an agency/site can have more than one (1) EFCD without an SMTP-SPOI server.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.3 High-level Requirement	8. These EFCDs must be capable of supporting the Deportee workflow, which is an altered CAR-Y workflow that efficiently enables the creation of a CAR-Y when processing deportee charges. This must include creating, transmitting, storing, receiving and processing responses compliant with the NPS-NIST-ICD 1.7.8 Rev 1.6 for deportee charges. All the applicable CARY requirements stated in this SOR and its accompanying documents apply to the Deportee workflow. The Deportee workflow is essentially a CARY workflow with the charges automatically defined (refer to Annex D for details).	(M)				
1.3 High-level Requirement	9. These EFCDs must support the ability to receive a NIST packet from a Records Management System (RMS) / Digital Mugshot System (DMS) containing Type-1, Type-2 data and Type-10 images, and then use this data to create NPS-NIST-ICD 1.7.8 Rev 1.6 compliant transactions for submission through the EFCD to the RTID System. The EFCD must capture the biometric images, create a properly formed NPS-NIST-ICD 1.7.8 Rev 1.6 transaction, transmit the transaction to the RTID System and support all processing for the transaction based on the TOT even though some of the data was received through an RMS/DMS.	(M)				
1.3 High-level Requirement	10. These EFCDs must support the ability to send a response back to an RMS/DMS, which includes the original DCN, such as a NIST packet to indicate completion of the transaction (e.g. ACKT, SRE). Refer to Annex D for detailed workflow requirements.	(M)				
1.3 High-level Requirement	11. The EFCDs must operate with Windows 10 Operating System (OS).	(M)				
1.3 High-level Requirement	12. All Windows servers and Livescans/Cardscans must be maintained with the latest updates for the OS; and the latest Anti-	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	Virus (AV) DAT files and AV policies. For the Livescans/Cardscans and any Windows servers, the maintenance of the latest updates must be through RCMP's/GC's/CPMGs' automated Windows Server Update Services (WSUS) and McAfee ePolicy Orchestrator (ePo), unless the department does not have WSUS and ePo. The Vendor solution must interface with, and automatically process data received from RCMP's/GC's/CPMGs' WSUS and ePo.					
1.3 High-level Requirement	13. These requirements include the supply, support, and maintenance of ruggedized Kiosks to support Livescan operations in non-office environments.	(M)				
1.3 High-level Requirement	14. These requirements shall include the replacement/upgrade/reuse of all components and subsystems where applicable.	(M)				
1.3 High-level Requirement	15. This requirement shall include the support and maintenance of all EFCDs in a manner that provides a secure operating environment within the RCMP/GC/CPMGs/Shared Services Canada (SSC) infrastructure.	(M)				
1.3 High-level Requirement	16. This requirement shall include user training on the EFCD as requested.	(M)				
1.4 Document Organization						
1.4 Document Organization	1. This document is organized in a manner that allows the overall high-level requirements to be understood before describing the detailed requirements for each key area to be provided by the Vendor.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.4 Document Organization	2. Unless otherwise stated, all requirements identified throughout this SOR and its annexes, attachments and compliancy documents must be satisfied by the Vendor.	(M)				
1.4 Document Organization	3. The following describes the document organization: a. this Appendix A describes the: i. compliancy documents that are key parts to this requirement; ii. scope of supply by the Vendor and the RCMP/SSC; iii. high-level RTID architecture in the background section; iv. high-level requirements and the key areas to be delivered by the Vendor; v. high-level technical requirements to be satisfied by the Vendor's proposed solution; vi. ongoing support requirements to be provided; and vii. deliverables that are to be completed by the Vendor; b. Annex A describes the current architecture within which the EFCDs must effectively operate; c. Annex B describes the detailed technical requirements for the EFCDs; d. Annex C describes the detailed support and maintenance requirements for the EFCDs; e. Annex D describes the detailed workflow requirements for the EFCDs; f. Annex E lists all Government Furnished Equipment (GFE) available for use by the Vendor;	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>g. Annex F describes the Livescan/Cardscan Interface Specification that allows User Interface (UI) data fields to be provided to the Livescan/Cardscan from an agency related system;</p> <p>h. Attachment A-1 identifies the C-216 printed fingerprint forms that must be produced by the EFCD as stated throughout this SOR and its accompanying documents; and</p> <p>i. Appendix E describes the Call-up Limitations / Process;</p> <p>j. Appendix J describes the Evaluation Plan and Criteria; and</p> <p>k. Appendix K describes the Requirements Traceability Matrix.</p>					
1.5 Document Purpose						
1.5 Document Purpose	1. The purpose of this SOR is to present the RCMP/GC/CPMGs functional, technical, support and maintenance requirements of the EFCD NMSO to be delivered by the Vendor.	(I)				
1.5 Document Purpose	2. The requirements contained in this document and referenced in other attached documents will be used by Canada to select one (1) Vendor to establish a standing offer for hardware and software that is to be installed, configured, supported, maintained and made fully operational according to the requirements stated throughout this SOR and its accompanying documents.	(I)				
1.5 Document Purpose	3. This document provides the requirements that must be supported to enable the RCMP, GC and CPMGs to effectively create, submit and process all TOTs identified in the NPS-NIST-ICD 1.7.8 Rev 1.6 as well as the IMM transaction and its associated response TOTs in NPS-NIST ICD 2.1.1 Revision 3.0, for Immigration External Contributor. This document also details the functional requirements, technical requirements, interface specifications,	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	performance, capacity requirements, quality, security, availability, integrity, training, implementation, support and maintenance requirements that the Vendor must satisfy.					
1.6 Compliancy Standards and Reference Documents						
1.6.1 Compliancy Documents Forming Part of Statement of Work						
1.6.1 Compliancy Documents Forming Part of Statement of Work	<div>1. The following documents form an integral part of this SOR. The Vendor must propose a solution that complies with the content of all the listed documents in this subsection.<div>a. NPS-NIST ICD 1.7.8 Revision 1.6 for External Contributors, (RDIMS #43697) (minor updates since publishing) and its associated Supplemental Document For NPS-NIST-ICD 1.7.8 Revision 1.6 (RDIMS #45259); b. NPS-NIST ICD 2.1.1 Revision 3.0, for Immigration External Contributor (RDIMS #40361) IMM related requirements only; c. SMTP NIST Message Guidelines Version 4.1 (RDIMS #21047); d. American National Standards Institute National Institute of Standards and Technology – Information Technology Laboratory ANSI NIST-ITL 1-2011 - update 2015; e. Electronic Biometric Transmission Specification (EBTS), Criminal Justice Information Services, FBI, Version 10.0, September 2014 where applicable references are identified throughout this SOR and its accompanying documents and including:<div>i. Federal Bureau of Investigation (FBI) Integrated Automated Fingerprint Identification System (IAFIS) Image Quality Specifications, Appendix F, and</div></div></div>	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>ii. FBI IAFIS Image Quality Specification for Type-10 (Photo) Records Appendix K;</p> <p>f. WSQ Gray Scale Image Compression Specification, IAFIS-IC-0110 (V3.1), Federal Bureau of Investigation, Version 3.1 October 04, 2010;</p> <p>g. FBI Biometric Specifications (BioSpecs) - Certified Products List (<a href="https://www.fbibiospecs.cjis.gov/Certifications">https://www.fbibiospecs.cjis.gov/Certifications</a>);</p> <p>h. Council Regulation (EC) No. 2252/2004 on standards for security features and biometrics in passports and travel document issued by Member States;</p> <p>i. ISO/IEC 19794-5:2011, Biometric Data Interchange Formats – Part 5: Face Image Data;</p> <p>j. ISO/IEC 19794-4:2011, Biometric Data Interchange Formats – Part 4: Finger Image Data;</p> <p>k. ISO/IEC 14443, Identification Cards – Contactless integrated circuit(s) cards – Proximity Cards;</p> <p>l. ICAO NTWG, User of Contactless Integrated Circuits In Machine Readable Travel Documents, Technical Report, Version 3.1, 16 April 2003;</p> <p>m. RTID Secure File Transfer Technical Architecture (RDIMS #39435) (provided after nondisclosure agreement signed); and</p> <p>n. PART XIV of the Treasury Board Of Canada Secretariat "Occupational Safety and Health Directive", Section 14.12.1 "Manual Handling". <a href="http://www.tbs-sct.gc.ca/pubs_pol/hrpubs/TBM_119/oshd-dsst/oshd-dsst_e.asp">http://www.tbs-sct.gc.ca/pubs_pol/hrpubs/TBM_119/oshd-dsst/oshd-dsst_e.asp</a>.</p>					

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.6.2 Reference Documents						
1.6.2 Reference Documents	<p>1. The following documents are for reference purposes. The Vendor should use these documents to understand RTID related information and ensure the Vendor's solution effectively and efficiently supports these preferred processing capabilities.</p> <ul style="list-style-type: none"><li>a. Scanner Block Certification Specifications v5.0 (RDIMS #43381);</li><li>b. Certification Process For Electronic Fingerprint Capture Device Systems Version v2.00 (RDIMS #45157);</li><li>c. Best Practices for the Implementation of Civil Efficiencies of Fingerprint Capture Device Workflows, Version 1.7 (RDIMS #45311);</li><li>d. Best Practices for the Capture of Charge Information In Support Of NPS-NIST-ICD V1.7.8 v2.00 (RDIMS #24626);</li><li>e. RTID Introduction for Agencies (RDIMS #19085);</li><li>f. RTID Technical Guidelines for Agencies (RDIMS #19086); and</li><li>g. RTID Security Policy and Guidelines for Non-Law Enforcement Agencies (RDIMS #15761).</li></ul>	(R)				
1.7 Scope of Supply						
1.7 Scope of Supply	<p>1. This section outlines the scope of supply for the Vendor and the corresponding supply by the government department. This is not intended to be a comprehensive list. This section is intended to provide the Vendor with an understanding of the scope of the requirements without reviewing all documentation included in this SOR to determine their potential interest in responding to this</p>	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	NMSO. The Vendor must supply all goods and services required to satisfy all the requirements stated in this SOR and its accompanying documents unless otherwise stated.					
1.7.1 The Vendor						
1.7.1.1 Included in Supply						
1.7.1.1 Included in Supply	1. Hardware, Operating System (OS), software and all other components/deliverables (excluding GFE) required to provide fully operational EFCDs or SMTP-SPOI Servers or replace existing EFCDs or SMTP-SPOI Servers that satisfies the requirements as stated throughout this SOR and its accompanying documents based on the NMSO request by the government department.	(M)				
1.7.1.1 Included in Supply	2. Note: Software means any drivers, application, third-party or any other software required by the Vendor to provide a solution that satisfies all the requirements stated throughout the SOR and its accompanying documents.	(I)				
1.7.1.1 Included in Supply	3. The EFCDs and SMTP-SPOI Server must also comply with server/workstation security requirements of the government department.	(M)				
1.7.1.1 Included in Supply	4. All software and/or hardware changes required to the GFE to support the requirements stated in this SOR and its accompanying documents. The Vendor must describe in detail how the GFE will be utilized in the Vendor's solution and what changes are required, if necessary.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.7.1.1 Included in Supply	5. Testing to ensure all the Vendor functionality shall be fully operational between all Vendor components; and between the Vendor components and the RTID System.	(M)				
1.7.1.1 Included in Supply	6. Training on an as-required basis through a Task Authorization.	(M)				
1.7.1.1 Included in Supply	7. All other deliverables and services required by the Vendor that will satisfy the requirements stated in this SOR and its accompanying documents.	(M)				
1.7.1.1 Included in Supply	8. All the corporate and management infrastructure and staff to support providing NMSO devices in a timely manner to RCMP/GC/CPMGs departments.	(R)				
1.7.1.2 Vendor Dependencies						
1.7.1.2 Vendor Dependencies	1. RTID is a fully-operational system based on the ICDs identified in this SOR. The Vendor's solution must fully support the compliancy documents as stated in Section 1.6.1 Compliancy Documents Forming Part of Statement of Work. The RTID System has been available to test the Vendor's solution based on the ICDs as of December 2018; therefore, there are no RCMP RTID System dependencies to test all requirements stated throughout this SOR and its accompanying documents, unless noted.	(M)				
1.7.1.2 Vendor Dependencies	2. Any Vendor components must successfully pass RCMP Departmental Security Branch (DSB) Vulnerability Assessments (VA) before they can be connected to the any RCMP/GC/CPMGs Network.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.7.1.2 Vendor Dependencies	3. The Vendor must provide the fully operational EFCDs and SMTP-SPOI Servers, ready for re-certification/acceptance testing, and fully supporting the requirement stated throughout this SOR and its accompanying documents within six (6) months of contract award.	(M)				
1.7.1.2 Vendor Dependencies	4. The GC prefers the Vendor provide the fully operational EFCDs and SMTP-SPOI Server, ready for re-certification/acceptance testing, and fully supporting the requirement stated throughout this SOR and its accompanying documents as quickly as possible after contract award.	(R)				
1.7.1.2 Vendor Dependencies	5. Note: Time will be available to build and test the installation files (e.g. Batch, MS Installer (MSI)) that will be used for the Microsoft's System Center Configuration Manager (SCCM) package to be built in the RCMP environment, while the re-certification/acceptance testing is occurring.	(I)				
1.7.1.3 Vendor Configuration Management Tools and Process						
1.7.1.3 Vendor Configuration Management Tools and Process	1. The Vendor must use Configuration Management tools and processes to maintain the software and configuration changes completed throughout the life of this NMSO.	(M)				
1.7.1.3 Vendor Configuration Management Tools and Process	2. The tools and processes should be included in the response to this RFSO and described to a level of detail that clearly identifies an effective, efficient and proven method to manage the NMSO specific software/configurations constituting the Vendor's proposed solution.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.7.1.3 Vendor Configuration Management Tools and Process	3. The Vendor must maintain an NMSO activity report that records the Vendor's supply activities throughout the life of the NMSO.	(M)				
1.7.1.4 Vendor Documentation						
1.7.1.4 Vendor Documentation	1. The Vendor should provide sufficient detailed design documentation that explains all aspects of the Vendor's proposed solution and how the design/architecture of the proposed solution satisfies the requirements stated in this SOR and its accompanying documents. The Data Item Descriptions in Section 6 describes the documentation that should be provided by the Vendor. It is the Vendor's responsibility to include the documentation, in response to this RFSO, required to demonstrate that all requirements are satisfied. The documentation provided will be used by the GC to evaluate the proposed solution.	(R)				
1.7.1.5 Benchmark Testing						
1.7.1.5 Benchmark Testing	1. At no cost to Canada, benchmark testing must be completed at RCMP offices in Ottawa, Ontario, Canada. It is expected that this benchmark testing will occur at RCMP offices located at 1200 Vanier Parkway; however, it could be completed at a different RCMP office in Ottawa, Ontario, Canada.	(M)				
1.7.1.5 Benchmark Testing	2. The benchmark testing will take approximately three (3) days per Vendor. The benchmark testing will be part of the NMSO evaluation process.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.7.1.5 Benchmark Testing	3. The Vendor is responsible for providing and configuring a benchmark configuration of the proposed Livescan solution, to be used in the benchmark testing, to the RCMP designated Ottawa, Ontario, Canada office for evaluation purposes. Failure to provide a solution would result in a zero (0) score for the benchmark portion of the evaluation.	(I)				
1.7.1.5 Benchmark Testing	4. The RCMP benchmark data will include fictitious demographic data fields and fingerprints from RCMP test subjects.	(I)				
1.7.1.5 Benchmark Testing	5. The designated Public Services and Procurement Canada (PSPC) Procurement Officer will provide notification of the benchmark test date to the Vendor allowing the Vendor five (5) working days to deliver the Livescan for the scheduled benchmark test. The benchmark Livescan must be delivered to RCMP offices in Ottawa, Ontario, Canada.	(M)				
1.7.1.5 Benchmark Testing	6. This benchmark test scheduling and other related details will be discussed further with the Vendors that successfully reach the benchmark testing stage.	(I)				
1.7.1.5 Benchmark Testing	7. If Canada determines during the benchmark test that the Vendor's proposed solution does not meet the mandatory requirements, where the Vendor's proposal stated it would be supported within the scope of the benchmark test of this solicitation, the Vendor's proposal may be declared noncompliant and be disqualified.	(I)				
1.7.1.5 Benchmark Testing	8. Canada may, as a result of any such demonstration, reduce the score of the Vendor on the rated requirements, if the benchmark test indicates that the score provided to the Vendor on the basis	(I)				

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	of its written proposal is not validated by the benchmark; where the Vendor's proposal stated it would be supported within the scope of the benchmark test. This is to ensure a Vendor's score for rated requirements is accurately determined. No Vendor's score will be increased as a result of any demonstration during the benchmark.					
1.7.1.5 Benchmark Testing	9. If a Vendor is not ready to commence the execution of the Benchmark tests on its scheduled date and time, the benchmark will be considered a failed benchmark. The only exception for not being ready to start that may be accepted is if there are circumstances outside the control of the Vendor (e.g., acts-of-God, war, terrorism or widespread power outages) in which case PSPC may establish a revised schedule based on the situation.	(I)				
1.7.1.5 Benchmark Testing	10. Refer to Appendix J, Evaluation Plan and Criteria for additional details concerning the benchmark testing.	(I)				
1.7.1.6 Exclusions						
1.7.1.6 Exclusions	1. There are no specific exclusions within the context of this NMSO.	(I)				
1.7.2 RCMP/GC/CPMGs						
1.7.2.1 Included in Supply						
1.7.2.1 Included in Supply	1. GFE servers and workstations procured by the RCMP/GC/CPMGs through a GC NMSO or other means, existing flatbed scanners, existing printers and any other components	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	usable by the Vendor's proposed solution. Refer to Annex E which includes all components provided as GFE.					
1.7.2.1 Included in Supply	2. Network devices such as Layer three (3) switches and stackable switches. The Layer three (3) switches include Load Balancing (LB) capabilities, Secure Sockets Layer (SSL) termination and communication between the GC sites using the Vendor's EFCDs and the RCMP's RTID System.	(I)				
1.7.2.1 Included in Supply	3. Communications Security infrastructure.	(I)				
1.7.2.1 Included in Supply	4. McAfee ePolicy Orchestrator (ePo) services (where available) and McAfee client software as required.	(I)				
1.7.2.1 Included in Supply	5. Internal/external communications infrastructure.	(I)				
1.7.2.1 Included in Supply	6. Workstation cabling between Livescans/Cardscan and RCMP/GC/CPMGs Local Area Network (LAN) drop.	(I)				
1.7.2.1 Included in Supply	7. Technical support for installation at RCMP/GC/CPMGs facilities.	(I)				
1.7.2.1 Included in Supply	8. NPS-NIST Server (NNS) functionality including all interface capabilities based on the ICDs.	(I)				
1.7.2.1 Included in Supply	9. Project management of a large number of EFCD, within which the Vendor activities would be included. However, any government department may choose to complete a Task Authorization for the Vendor to perform project management.	(I)				

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1.7.2.1 Included in Supply	10. Coordinate Vendor access to Subject Matter Experts (SMEs) as required. The RCMP will ensure required resources are available to respond to Vendor questions/actions in a timely manner.	(I)				
1.7.2.1 Included in Supply	11. Approval authority for decisions, approvals and sign-off required by Vendor.	(I)				
1.7.2.1 Included in Supply	12. NMSO device defects will be tracked through RCMP's defect reporting process.	(I)				
1.8 Terminology Clarification						
1.8 Terminology Clarification	1. The phrase, "any OS and/or software upgrade completed through the execution of the work required to complete this SOR must successfully pass a DSB VA", or similar phrases concerning VAs represents a requirement for all networked components to operate with an acceptable level of risk in the RCMP/GC/CPMGs infrastructure. This does not mean that every identified vulnerability must be resolved. However, vulnerabilities must be resolved to an acceptable level for DSB approval. What is considered an acceptable level of risk is defined only by RCMP's DSB. The names of the tools and applications used by DSB to identify the vulnerabilities can be provided to the Vendor, as required. As well, VAs can be performed as soon as the Vendor has a device configured to support the NMSO requirements to ensure vulnerabilities are identified as early as possible in the process; therefore, enabling corrections as soon as possible.	(I)				
1.8 Terminology Clarification	2. In the context of this SOR, the term, "component", means any identifiable part of the Vendor's solution required to provide a fully operational solution that satisfies all the requirements throughout this SOR and its accompanying documents. For example,	(I)				

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	components might include servers, workstations, printers, scanners, cameras, databases, firmware and any other devices/products required to provide a fully operational device.					
1.8 Terminology Clarification	3. The term, “EFCD”, refers to computer-based systems that digitize biometric images (fingerprints, palm prints, photo) and includes a means to enter biographic, demographic and/or criminal information (e.g. Livescan, Cardscan).	(I)				
1.8 Terminology Clarification	4. The term, “Livescan”, represents a standalone model, desktop model or a portable model (Laptop) device unless specifically stated otherwise. A Livescan is an EFCD utilizing a scanner block and camera to perform a live capture of a subject’s biometric images. It may also have other components (e.g., printer) that operate with the Livescan to provide a comprehensive solution that satisfies a specific NMSO clients requirements.  a. Standalone – components integrated within a protective cabinet (i.e., Ruggedized Kiosk cabinet). Components include a Central Processing Unit (CPU), monitor, keyboard, mouse, Uninterruptible Power Supply (UPS), foot pedal, magnetic stripe reader, 2D barcode reader, digital camera and a fingerprint capture scanner that supports the capture of rolled/plain fingers, palms, and ID Flats. This configuration would normally be situated within a criminal law enforcement environment. A printer will also be part of the standalone component configuration but will not be contained within the protective cabinet;  b. Desktop - components include a CPU, monitor, keyboard, mouse, UPS, a digital camera with tripod and fingerprint capture scanner that supports the capture of rolled/plain fingers, palms, ID Flats. This configuration could optionally	(I)				

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	<p>include a foot pedal, magnetic stripe reader, 2D barcode reader and printer. This configuration could also be adjusted to use a scanner block that only includes rolled/plain fingers and ID Flats or a scanner block that only includes only ID Flats. This configuration would not normally be situated within a criminal law enforcement environment; and</p> <p>c. Portable – components include a laptop computer, mouse, onboard power supply, fingerprint scanner that supports the capture of rolled/plain fingers and ID Flats (no palms) or ID Flats only, and a digital camera with tripod and a reinforced travel case with retractable handle and wheels. This configuration could optionally include a foot pedal.</p>					
1.8 Terminology Clarification	5. The term, “Cardscan”, represent a desktop model device unless specifically stated otherwise. A Cardscan is an EFCD utilizing a flatbed scanner to capture a subject’s biometric images from a paper form. It may also have other components (e.g., printer) that operate with the Cardscan to provide a comprehensive solution that satisfies a specific NMSO clients requirements.	(I)				
1.8 Terminology Clarification	6. The term, “SMTP-SPOI Server”, represents a device that provides a single point of communication between an NMSO client site with multiple EFCDs and the RTID System. The SMTP-SPOI Server will support transactions to/from multiple agency Livescans or a combination of Livescans and Cardscans and the RTID System. The SMTP-SPOI Server may also have an optional transaction case management component that will manage all transactions it receives from internal devices as well as responses from the RTID System.	(I)				

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1.8 Terminology Clarification	7. The term Operational Livescan User (OLU) refers to a person or persons who perform day-to-day enrolments, resubmissions and review search results in an operational environment. This acronym also applies to Cardscan operators.	(I)				
1.8 Terminology Clarification	8. The term Operational Livescan Administrator (OLA) refers to a person or persons who have administrative privileges on the Livescan device to perform as and when required application administrative activities. These activities include at least the following: changing application configuration parameters, backing up systems, setting auto-deletion parameters for file deletion, adding users, reviewing logs, reports, troubleshooting and managing user privileges. This acronym also applies to Cardscan operators.	(I)				
1.8 Terminology Clarification	9. The term Information Technology (IT) Support refers to a person or persons who have administrative privileges on the Livescan device to perform IT support and maintenance activities such as installing software, changing the operating system and reconfiguring the device upon which the Livescan application operate. This acronym also applies to Cardscans.	(I)				
1.8 Terminology Clarification	10. All rated requirements identified as met or will be met in the Contractor's proposal become mandatory requirements for the final version of the EFCD(s) / SMTP-SPOI.	(I)				
1.8 Terminology Clarification	11. The terms "charge table" and "Federal Statutes Table" are synonymous.	(I)				
1.8 Terminology Clarification	12. The terms Contractor, Vendor and Offeror are synonymous.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.8 Terminology Clarification	13. A configurable parameter means a parameter that can be set by an authorized user that changes the behaviour/functioning of the EFCD without requiring the application to be recompiled/rebuilt/recreated. Once the configurable parameter is changed, the new behaviour/functioning must be automatic or only require a restart.	(I)				
1.9 Bilingualism						
1.9 Bilingualism	1. The Vendor's NMSO Livescan/Cardscan solution shall be delivered in Canadian English and Canadian French at the user interface level.	(M)				
1.9 Bilingualism	2. The Vendor should describe how language is implemented architecturally in their solution.	(R)				
1.9 Bilingualism	3. English and French must not appear on a screen at the same time, unless otherwise indicated in this SOR and its accompanying documents, and users shall sign in with either one of the two languages.	(M)				
1.9 Bilingualism	4. The Vendor's NMSO Livescan/Cardscan solution shall be functionally equivalent in both official languages (Canadian English and Canadian French) according to Canadian Federal Government standards. The NMSO Livescan/Cardscan solution must adhere to the following Acts and Policies: a. Official Languages document entitled Official Languages Act (R.S.C., 1985, c. 31 (4th Supp.)) at <a href="http://laws-lois.justice.gc.ca/eng/acts/O-3.01/">http://laws-lois.justice.gc.ca/eng/acts/O-3.01/</a> ; and b. the document entitled Policy on Using the Official Languages on Electronic Networks at	(M)				

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	<a href="https://www.tbs-sct.gc.ca/archives/hrpubs/ol-lo/uoletoc01-eng.asp">https://www.tbs-sct.gc.ca/archives/hrpubs/ol-lo/uoletoc01-eng.asp</a> .					
1.9 Bilingualism	5. The shortcut keys shall reflect the language of the interface being used (e.g., “N” for “Next” would become “S” for “Suivant”).	(M)				
1.9 Bilingualism	6. The software shall use Canadian spelling, either Canadian English or Canadian French (e.g., “colour” instead of “color”).	(M)				
1.9 Bilingualism	7. The NMSO Livescan/Cardscan solution shall permit users to select their default language of operation as part of their profile.	(M)				
1.9 Bilingualism	8. The EFCD Help Files must be in Canadian English or Canadian French based on login language selection.	(M)				
1.9 Bilingualism	9. The EFCD workflow functionality must be identical irrespective of language selected.	(M)				
1.9 Bilingualism	10. The NMSO Livescan/Cardscan solution shall use common language-independent codes to ensure that selecting a new description from a code table value, when editing the file in one language, is automatically reflected when the file is viewed/edited in another language.	(M)				
1.9 Bilingualism	11. The ICDs in Section 1.6 (Compliance Standards and Reference Documents) contain the code values that are applicable to each input field.	(I)				
1.9 Bilingualism	12. The NMSO Livescan/Cardscan solution shall make a French and English description available for each code table value.	(M)				
1.9 Bilingualism	13. The NMSO Livescan/Cardscan solution shall display the description associated with a code table value in the language currently selected by the user.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.9 Bilingualism	14. The values displayed from the code tables do not change with the selected language, but the descriptions of the code table values associated with the selected language must change based on the language.	(M)				
1.9 Bilingualism	15. The Vendor must provide the translation services for the Main Screen, French Workflow Screens, Help Files and user/administrator documentation materials.	(M)				
1.9 Bilingualism	16. The Vendor must update their French translated documentation / workflows with any recommendations made by the RCMP, especially to ensure the format of the French GUI screens are acceptable.	(M)				
1.9 Bilingualism	17. The Vendor must provide any translated material as soon as possible to allow RCMP to review and provide feedback and corrections. The material must be provided at least fifteen (15) days prior to testing to allow the Vendor to make corrections prior to testing.	(M)				
1.9 Bilingualism	18. The EFCD software shall support accented and special characters for the input/display of French data, in data fields where this is allowed (e.g., labels, messages, help files).	(M)				
1.10 Security And System Updates						
1.10 Security And System Updates	1. The transmission of RTID data is considered Protected B. The Vendor must be experienced operating and supporting devices in a Protected B environment. The RTID System only allows Protected B connections with external devices such as Livescans/Cardscans.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.10 Security And System Updates	2. The software and document deliverables are considered Protected A. The Vendor must be experienced handling Protected A deliverables. Any exchange of software or documentation between the RCMP/GC/CPMGs sites and off-site Vendor resources must be exchanged securely in a manner acceptable to the RCMP/GC/CPMGs site.	(M)				
1.10 Security And System Updates	3. For security reasons, all equipment, provided by the Vendor must be physically located on RCMP/GC/CPMGs premises and used exclusively by the RCMP/GC/CPMGs resources or as required Vendor resources on the RCMP/GC/CPMGs premises. All sites certified to use a Livescan/Cardscan/SMTP-SPOI will have an RCMP approved secure connection for RTID communication.	(M)				
1.10 Security And System Updates	4. The RCMP/GC/CPMGs agency will provide access for Vendor resources, as required, to facilities necessary to provide support for the devices procured through this NMSO. This will include network access, unless otherwise stated as part of the support agreement, to support all NMSO devices by the Vendor for the specific RCMP/GC/CPMGs agency through a single physical location using approved remote access connectivity capabilities. That is, for RCMP/GC/CPMGs agencies, with multiple NMSO devices to support, the Vendor will be able to support all the devices through one RCMP/GC/CPMGs physical site specific to the RCMP/GC/CPMGs agency/department, unless the device requires a physical change (e.g. hard drive replacement).	(I)				
1.10 Security And System Updates	5. The Vendor must complete EFCD software updates/upgrades/corrections, and software installations on GFE, through SCCM. That is, the Vendor must provide the RCMP/GC/CPMGs with installation files (e.g. Batch, MSI) that can	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	be used to automatically update/install the EFCD software through SCCM.					
1.10 Security And System Updates	6. Vendor support for RCMP/GC/CPMGs sites that do not support SCCM must be completed through an RCMP/GC/CPMGs approved remote connectivity tool (e.g., PC Duo) to access the device and provide support directly on the device remotely. The RCMP/GC/CPMGs department will allow this access through the department's device (i.e., workstation).	(M)				
1.10 Security And System Updates	7. The EFCD updates/upgrades/corrections must be allowed to be completed without any Windows OS configuration changes. That is, there must be no requirement to for the IT support staff to disable any OS features/applications (e.g. User Account Control, Backup) in order to complete the EFCD updates/upgrades/corrections.	(M)				
1.10 Security And System Updates	8. The Vendor must complete EFCD Charge Table updates through SCCM. That is, the Vendor must provide the RCMP/GC/CPMGs with installation files (e.g. Batch, MSI) that can be used to automatically update the EFCD charge table through SCCM.	(M)				
1.10 Security And System Updates	9. The Vendor EFCDs must provide an alternate method to manually update the Charge Table for those departments/agencies that do not use SCCM.	(M)				
1.10 Security And System Updates	10. If the manual update process for the Charge Table is used, it should be as automated as possible to minimize the number of steps and/or key strokes / mouse clicks required by the IT staff. The ideal solution is to use the same or similar installation files used for the automated updated through SCCM.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.10 Security And System Updates	11. The Vendor's EFCD must be able to operate with full capabilities with the EFCD installed with department/agency tools to manage the device (e.g. IBM EndPoint Manager Client).	(M)				
1.10 Security And System Updates	12. The Vendor must gain and maintain security clearances required by the specific government department, for a minimum of two (2) personnel, which enables the Vendor to provide the required support for the NMSO procured devices. Failure to achieve these security clearances will prevent the Vendor from supporting the specific department's NMSO devices and may cause the Vendor to be deemed noncompliant, which may require the contract to be terminated.	(M)				
1.11 Constraints						
1.11 Constraints	1. This section identifies the constraints related to this SOR.	(I)				
1.11 Constraints	2. The Vendor's solution must include the option for ongoing support and maintenance by the Vendor. That is, once procured and after the one (1) year warranty period, the department must have the option to have the Vendor provide support and maintenance for the procured NMSO devices as stated throughout this SOR and its accompanying documents.	(M)				
1.11 Constraints	3. Any changes that are made to the devices available throughout the existence of this NMSO, that potentially affects the device's security, must successfully pass a VA completed by RCMP's DSB or designated GC/CPMGs department. Software updates and simple software upgrades typically do not require a VA. It is at the sole discretion of the GC to determine if a device change affects the security of the device such that a VA is warranted. The	(M)				

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	Vendor shall be responsible for making the required changes to successfully pass a VA.					
1.11 Constraints	4. The Vendor is expected to inform the GC of anything that might improve the overall solution requested in this SOR; and/or the efficiency with which the solution might be implemented. The GC has sole responsibility for deciding to use any suggestions presented by the Vendor.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 2. B						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 General						
2.1 General	1. RTID is the CCRTIS solution to maintain the national repository for criminal, refugee, immigration, and RCMP employee fingerprints. RTID supports submissions from various police agencies, government departments, civil clearance organizations and international police agencies to perform criminal record checks. RTID supports extensive latent crime scene print processing for RCMP staff and personnel from major police agencies across Canada. RTID also supports receiving updates to criminal and immigration records. Additionally, RTID also supports immigration verification checks at Canadian Ports Of Entry (POE) to verify the identity of an individual seeking entry to Canada.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 General	2. RCMP/GC/CPMGs departments currently have many existing EFCDs that have been procured through various means that currently submit to the RTID System. The components that constitute these EFCDs may be considered GFE for this NMSO RFSO. Refer to Annex E for details concerning the GFE.	(I)				
2.1 General	3. Figure 2-1: High-Level EFCD/SMTP-SPOI/RMS/DMS Architecture depicts a high-level view of typical Livescan/Cardscan/SMTP-SPOI/ RMS/DMS connectivity models that communicate with the RTID System. Not all possible configurations are identified herein.	(I)				
2.1 General	4. Annex A describes additional details concerning the current architectures, for RCMP/GC/CPMGs departments, that the Livescan/Cardscan/SMTP-SPOI must operate within.	(M)				
2.1 General	5. The following is a high-level description of the NMSO applicable devices depicted in the current high-level RTID architecture diagram: a. RTID submission devices: i. Cardscan, Livescans, and SMTP-SPOI servers submit to RTID based on the NPS-NIST ICDs for External Contributors. These submission devices are owned and operated by RCMP/GC/CPMGs departments. ii. these devices all submit to the RTID System using SMTP and receive responses through either SMTP or Post Office Protocol (POP) email protocols; iii. these devices are located across Canada;	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 2. B						
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	<div>iv. these devices connect through a secure connection established between the RTID System and the submitting agency; and</div> <div>v. CBSA has a specific requirement to access the Global Case Management System (GCMS) from the Livescan/Cardscan to allow eight (8) fields to be automatically populated for the Livescan/Cardscan transactions. This capability is also available for other agencies for fields that may be applicable to them. Refer to Annex A for additional technical architecture details and Annex F for the Livescan/Cardscan Interface Specification details. The RCMP has already implemented a stub system (i.e. substitute for a full system) that can be used to test this Livescan interface.</div>					

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 General						
3.1 General	1. The following subsections describe the high-level requirements that must be satisfied by the NMSO RFSO devices. The additional detailed requirements that must be satisfied are described in the annexes attached to this SOR.	(M)				
3.1 General	2. The Vendor must provide all the Vendor software, hardware, OS, peripherals, third-party software, configuration and anything else	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
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	required to create fully operational Production ready devices that function as stated in this SOR and its accompanying documents.					
3.1 General	3. GFE software and/or hardware may be used by the Vendor to provide fully operational Production ready devices that function as stated in this SOR and its accompanying documents.	(R)				
3.1 General	4. Some GFE software and hardware, as identified herein, must be reusable by the Vendor.	(M)				
3.1 General	5. The EFCDs and SMTP-SPOI servers must be able to operate effectively and efficiently with installed and configured features/capabilities such as SecureDocs, Bit Locker or other RCMP/GC/CPMG approved encryption software and/or DeviceGuard.	(M)				
3.1 General	6. It is preferred that the EFCD provide an on screen visual indication of the status of the connected peripherals that effectively shows that the peripheral is ready for use (e.g. scanner, camera, printer).	(R)				
3.1 General	7. All available Vendor EFCD and SMTP-SPOI capabilities such as reports that can be generated, printing features, or any other functionality must be available and operational on the EFCDs provided to the RCMP/GC/CPMG as part of the contract resulting from this solicitation, at no additional cost. That is, capabilities/functionality available on the Vendor's EFCD or SMTP-SPOI server, regardless of whether it is part of the COTS product or a configurable feature must be available for the RCMP/GC/CPMG EFCDs.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2 Key Areas to be Delivered						
3.2 Key Areas to be Delivered	1. The six (6) key areas that the Vendor must be able to provide under this SOR are Livescans/Cardscans, SMTP-SPOIs, ruggedized Kiosks, and support and maintenance of all components included in the scope of this SOR and its accompanying documents.	(M)				
3.2 Key Areas to be Delivered	2. Additionally, the Vendor must allow RCMP/GC/CPMGs to procure future compliant devices within the scope of this NMSO (i.e. any Vendor device capable of capturing biometrics and related data).	(M)				
3.2 Key Areas to be Delivered	3. The Vendor's solutions must operate effectively in the RCMP/GC/CPMGs architecture. Annex A describes the architecture within which the Vendor's solutions must operate.	(M)				
3.2 Key Areas to be Delivered	4. The Vendor's solutions must support everything in the current architecture, Annex A. That is, the RCMP/GC/CPMGs security/network architecture will not be altered to support an inefficient or less secure EFCDs/SMTP-SPOIs.	(M)				
3.2 Key Areas to be Delivered	5. The proposed EFCDs must be able to replace the existing EFCDs or replace only specific components of existing EFCD such as software, workstation and/or monitor. Refer to Appendix J Evaluation Plan and Criteria and Annex E to Appendix A - Government Furnished Equipment for details.	(M)				
3.2 Key Areas to be Delivered	6. If necessary, portions of the security architecture of the RCMP/GC/CPMGs can be explained; however, this is not expected to be necessary. This additional security architecture can only be provided upon request, and after a nondisclosure agreement is signed for anyone requiring a briefing. This briefing will only occur at RCMP/GC/CPMGs offices. The Security	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	architecture will not be presented in this SOR. Only a high-level description of the Security architecture is included in this SOR to provide sufficient information that allows the Vendor to determine their interest and ability to respond to this SOR. Any potential Vendor would be expected to only need to know the level of security architecture provided herein to submit a proposal.					
3.2 Key Areas to be Delivered	7. The Vendor's solutions must use the ports identified in Annex A and in this SOR and its accompanying documents to communicate with the RTID System.	(M)				
3.2 Key Areas to be Delivered	8. The Vendor's solutions must use the ports identified in Annex A and in this SOR and its accompanying documents to communicate between EFCDs and SMTP-SPOIs. If any devices require different ports to communicate between the EFCDs and the SMTP-SPOI, it might be considered an acceptable difference providing it shall not create a vulnerability that is unacceptable to the RCMP/GC/CPMGs. Using different ports than identified in Annex A must be approved by RCMP's DSB prior to submitting a bid or the Vendor risks being noncompliant. RCMP is solely responsible for determining whether any aspect of the Vendor's proposed solution creates a vulnerability.	(M)				
3.2 Key Areas to be Delivered	9. The Vendor must also provide training and ongoing support for all the key areas, as required.	(M)				
3.2 Key Areas to be Delivered	10. There are many EFCD components (e.g., workstations, servers, printers, scanners, Kiosks) that have been recently procured by the RCMP/GC/CPMGs departments. These components are considered GFE for this NMSO RFSO and they are listed in Annex E.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2 Key Areas to be Delivered	11. The EFCDs must operate with Windows 10 desktop Operating System (OS).	(M)				
3.2 Key Areas to be Delivered	12. Any costs associated with upgrading the GFE servers or workstations to satisfy the technical, functional or performance requirements of this SOR will be solely the responsibility of the RCMP/GC/CPMGs; however, the required changes must be identified in the Vendor's proposal. The Vendor's proposal must explain what GFE can be reused together with the Vendor's components and how the GFE will be reused.	(M)				
3.2 Key Areas to be Delivered	13. Any new or modified servers or workstations must successfully pass RCMP/GC/CPMGs approval before the device can be installed and used on the RCMP/GC/CPMGs network.	(M)				
3.2 Key Areas to be Delivered	14. All Windows servers or Livescans/Cardscans must be maintained with the latest updates for the OS; and the latest Anti-Virus (AV) DAT files and AV policies. For any Windows servers, the maintenance of the latest updates must be through RCMP's/GC's/CPMGs' automated Windows Server Update Services (WSUS) and McAfee ePolicy Orchestrator (ePo), unless the department does not have WSUS and ePo. The Vendor solution must interface with, and automatically process data received from RCMP's/GC's/CPMGs' WSUS and ePo.	(M)				
3.2 Key Areas to be Delivered	15. All non-Windows servers should be described in detail to allow the GC to determine the effectiveness of the solution to satisfy the requirement to maintain the servers with the latest updates for the OS; and the latest Anti-Virus (AV) DAT files and AV policies; as well as the support procedures for updates that are not automated.	(R)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2 Key Areas to be Delivered	16. The Vendor will be responsible for the support and maintenance of new components and replaced/upgraded components of the Vendor's solution. For example, if the Vendor replaces the existing Livescan/Cardscan software on a workstation, the Vendor will be responsible for the support and maintenance of the software and the RCMP/GC/CPMGs department will be responsible for the support and maintenance of the hardware, unless otherwise agreed to with the Vendor.	(M)				
3.2 Key Areas to be Delivered	17. If the Vendor cannot replace the software with its own, and provide the support and maintenance stated throughout this SOR and its accompanying documents, then RCMP reserves the right to sole source the on-going maintenance and Change Requests (CRs) with the previous vendor in order to reduce costs.	(M)				
3.2 Key Areas to be Delivered	18. If the Vendor is not willing to replace the software with its own, and provide the support and maintenance stated throughout this SOR and its accompanying documents, then RCMP reserves the right to sole source the on-going maintenance and Change Requests (CRs) with the previous vendor in order to reduce costs; and/or may deem the Vendor non-compliant and terminate the contract.	(M)				
3.2 Key Areas to be Delivered	19. The RCMP/GC/CPMGs department may also request that the Vendor provide support and maintenance related to GFE including coordinating replacement parts/upgrades from the hardware / operating system through a Task Authorization or through an adjusted support and maintenance plan.	(R)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2.1 Livescans/Cardscans						
3.2.1 Livescans/Card scans	1. The Livescans/Cardscans must successfully operate, satisfying the requirements stated throughout this SOR and its accompanying documents, in the current architecture as described in Annex A.	(M)				
3.2.1 Livescans/Card scans	2. The Vendor's Livescan/Cardscan must: a. for Livescans, support printing to FBI certified printers and generate the printed result with the appropriate fingerprint form based on the forms included in Attachment A-1 herein. That is, the Vendor's Livescan must print the data and form on the FBI certified printer, as required; b. include a scanner block (for Livescan) or flatbed scanner (for Cardscan) to scan fingerprints according to the requirements stated throughout this SOR and its accompanying documents; c. for Livescans, include a camera to take photos, with a lighting system that ensures the requirements stated throughout this SOR and its accompanying documents are satisfied (also refer to refer to Annex E ANSI NIST-ITL 1-2011 for additional details); d. include all software and hardware required to successfully operate as stated throughout this SOR and its accompanying documents; e. include printing results of a search returned to the Livescan/Cardscan to a printer; and f. include anything else required to fully satisfy the requirements stated in this SOR and its accompanying documents.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2.1 Livescans/Card scans	3. The Vendor shall be responsible for providing the required software necessary to satisfy all the Livescan/Cardscan requirements identified in this SOR and its accompanying documents and configure the Livescan/Cardscan with a DSB approved operating system that will successfully pass the DSB VA.	(M)				
3.2.1 Livescans/Card scans	4. The Vendor's Livescan and Cardscan software should be identical, except for variances to accommodate using a scanner block for the Livescan versus a flatbed scanner for a Cardscan and variances for supporting a camera.	(R)				
3.2.1 Livescans/Card scans	5. The Vendor's Livescan/Cardscan must support communicating with the Agency's RMS/DMS to receive photos and biographical data that can be used by the Livescan/Cardscan to send NPS-NIST-ICD compliant transactions.	(M)				
3.2.1 Livescans/Card scans	6. The Vendor's Livescan/Cardscan processing of the Agency's RMS/DMS photos and biographical data should be an efficient, effective and simple to use GUI that seamlessly fits into the associated workflow.	(R)				
3.2.1 Livescans/Card scans	7. The Vendor's printed forms must match as precisely as possible the forms included in Attachment A-1 herein for certified TOTs required to bid.	(M)				
3.2.1 Livescans/Card scans	8. Annex B identifies the Livescan/Cardscan detailed requirements.	(I)				
3.2.1 Livescans/Card scans	9. Note: The name and version of the tools used to perform the VAs can be provided upon request.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers</b>						
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	1. The RCMP only allows one interface to the RTID System from an agency's site. If an agency has only one Livescan or only one Cardscan, that single device can interface with the RTID System. If an agency has more than one device, then the RCMP requires that the agency install an SMTP-SPOI server.	(I)				
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	2. Annex B identifies detailed requirements that also apply to the SMTP-SPOI Server.	(I)				
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	3. The SMTP-SPOI Server must support transactions from multiple agency Livescans, or a combination of Livescans and Cardscans, to the RTID System. The SMTP-SPOI Server must also communicate response transactions received from the RTID System to the agency Livescan/Cardscan that initiated the transaction.	(M)				
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	4. The SMTP-SPOI email service must be able to save all existing SMTP-SPOI email, when an SMTP-SPOI is replaced, to a commonly readable format such as Adobe to ensure the historical record of email can be maintained if the Vendor's solution does not allow the existing SMTP-SPOI email to be used by the Vendor's SMTP-SPOI Server.	(M)				
3.2.2 SMTP Single Point Of Interface	5. The Vendor must be able to export all data from the Vendor's SMTP-SPOI Server to a readable form such as Excel spreadsheet, PDF or similar common form to ensure historical	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
(SMTP-SPOI) Servers	data can be maintained if the SMTP-SPOI Server is replaced at a later date.					
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	6. The SMTP-SPOI server must have an optional transaction case management component that will manage all transactions it receives from agency's Livescan/Cardscan devices and response transactions from the RTID System.	(M)				
3.2.2 SMTP Single Point Of Interface (SMTP-SPOI) Servers	7. The Vendor shall be responsible for providing the required software necessary to satisfy all the requirements identified in this SOR and configuring the SMTP-SPOI servers with a DSB approved operating system that will successfully pass the DSB Vulnerability Assessment (VA).	(M)				
<b>3.2.3 Ruggedized Kiosks</b>						
3.2.3 Ruggedized Kiosks	1. The Vendor must provide ruggedized Kiosks that support the requirements stated throughout this SOR and its accompanying documents.	(M)				
3.2.3 Ruggedized Kiosks	2. The ruggedized Kiosks are used for Livescan operations that are provided in a non-office environment.	(I)				
3.2.3 Ruggedized Kiosks	3. The ruggedized Kiosks must support all Livescan requirements installed and configured in the Kiosk.	(M)				
3.2.3 Ruggedized Kiosks	4. The Vendor's ruggedized Kiosks must include a Canadian Standards Association / Underwriters Laboratories of Canada (CSA / ULC) approved protective cabinet (CAN/CSA-C22.2 NO. 60950-1-07 (R16)).	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2.3 Ruggedized Kiosks	5. The Vendor's ruggedized Kiosks must be equipped with sufficient electrical fan(s) to exhaust air from the cabinet housing to prevent all equipment from overheating and failure.	(M)				
3.2.3 Ruggedized Kiosks	6. The Vendor's ruggedized Kiosks must be lockable with proven record of securely operating in a controlled public area that secures all components to prevent them from being easily removed.	(M)				
3.2.3 Ruggedized Kiosks	7. The Ruggedized Standalone Livescan Kiosk solution detailed specifications are included in Annex B EFCD Detailed Requirements.	(I)				
3.2.3 Ruggedized Kiosks	8. RCMP's DSB must certify any new (i.e. not previously used in the RCMP/GC/CPMGs) ruggedized Kiosk cabinet to ensure it satisfies GC requirements before it can be used in the production environment.	(M)				
3.2.4 Support and Maintenance						
3.2.4 Support and Maintenance	1. Annex C identifies support and maintenance detailed requirements that apply to all components that are included in the SOR and its accompanying documents.	(M)				
3.2.4 Support and Maintenance	2. The support and maintenance coverage must include on-site preventive maintenance and remedial hardware and software support as well as telephone or online support for all EFCDs and SMTP-SPOI Servers delivered hardware and software.	(M)				
3.2.4 Support and Maintenance	3. The support and maintenance coverage must include any EFCDs as well as SMTP-SPOI Server application software upgrades.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2.4 Support and Maintenance	4. Support and maintenance coverage must begin at the end of the warranty period.	(M)				
3.2.4 Support and Maintenance	5. Support and maintenance must include: a. Call Center support between 0700 hours to 2000 hours (Eastern Standard Time), Monday through Friday; b. 1-800 phone support; c. if the Customer Support Center is not able to resolve the issue then the next level of support will respond to the site within an hour of the initial call from the site; d. twenty-four (24) hour on-site response time to the trouble site from the time a trouble call is logged where the site is located within or outside of 160 kilometers of an airport serviced by major commercial airlines; e. regular repair or replacement of failed parts and software maintenance / upgrades; f. the failed site must be back operational within 48 hours of the initial trouble call for sites located within 160 kilometers of an airport serviced by a major commercial airline; g. the failed site must be back operational within 72 hours of the initial trouble call for sites located outside of 160 kilometers of an airport serviced by a major commercial airline; and h. Bilingual Customer Service Support services and Field Technical Support services in English and French.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>3.2.5 Training</b>						
3.2.5 Training	1. The Vendor must provide training on all user aspects of the Vendor's solutions.	(M)				
3.2.5 Training	2. The Vendor should provide the quality, experience and training cost of the Vendor's trainers for evaluation.	(R)				
3.2.5 Training	3. The Vendor should have an EFCD training guide that is well organized and shows an effective and efficient training plan that will ensure users and administrators can easily comprehend all capabilities of the EFCD.	(R)				
3.2.5 Training	4. The Vendor must be able to provide training session for OLUs, OLAs and/or SMTP-SPOI server at each Call-up site in Canada, as required.	(M)				
3.2.5 Training	5. The Vendor must prepare and submit for RCMP review and approval / modification, a draft Training Plan. (M).					
3.2.5 Training	6. The training plan should clearly explain how the Vendor's training approach will result in effective and efficient training for the users.	(R)				
3.2.5 Training	7. The training plan must use the Train-the-Trainer approach.	(M)				
3.2.5 Training	8. The Training Plan must include information on the scope, duration, and all information available on any printed material, videos, and online training aides that will be provided.	(M)				
3.2.5 Training	9. The Vendor must modify the Training Plan based on RCMP comments, as required.	(M)				
3.2.5 Training	10. The Vendor must provide OLU and OLA User Manuals as required for the Livescan, Cardscan, SMTP-SPOI server and for all related software 10 business days before the scheduled start	(M)				

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	of training in both hard (paper) and/or soft (PDF format) copy in English and French based on the Call-up.					
3.2.5 Training	11. The Vendor must provide a minimum of a half (1/2) day of OLA training for up to four (4) individuals, and a half (1/2) day of OLU training for up to four (4) individuals.	(M)				
3.2.5 Training	12. The Vendor must provide hardcopy and/or softcopy User Manuals in English or French as directed by the Call-up agency.	(M)				
3.2.5 Training	13. The Vendor's trainer must be fluent in English or French as dictated by the call-up issuer/authority.	(M)				
3.2.6 Future compliant Vendor Devices						
3.2.6 Future compliant Vendor Devices	1. The Vendor must make available, to the resulting NMSO, any new types of devices (e.g., remote handheld fingerprint scanner) that the Vendor certifies to any NPS-NIST-ICD during the entire contract period.	(M)				
3.2.6 Future compliant Vendor Devices	2. These future devices must be provided with most favoured customer pricing available for the RCMP/GC/CPMGs.	(M)				
3.2.6 Future compliant Vendor Devices	3. The exact pricing for these future devices will be determined with PSPC.	(I)				
3.2.6 Future compliant Vendor Devices	4. Any future devices, not currently market available (e.g., remote handheld fingerprint scanner), that are applicable for RCMP certification or could be certified should be identified.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.3 Hardware and Software						
3.3 Hardware and Software	1. All non-GFE hardware proposed by the Vendor must satisfy the requirements stated in this subsection, its subsections and all the other requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3 Hardware and Software	2. This hardware subsection includes the following subcategories: a. EFCD Workstations; b. EFCD Laptops; c. SMTP-SPOI Servers; d. Scanner Blocks e. Flatbed Scanners; f. Printers; g. Touch Screen Monitors; h. Cameras; and i. Software.	(I)				
3.3 Hardware and Software	3. To substantiate the hardware and software requirements listed below, the Vendor shall provide in its solution a description of the hardware and software and their interrelationship within each component (e.g., Livescan, Cardscan, SMTP-SPOI) including, as a minimum, for each COTS hardware and software component proposed for this NMSO: a. item make, model and version number; b. the NPS-NIST-ICD compliance met; c. the ANSI/NIST compliance and other standards met; d. certifications and ratings achieved;	(M)				

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	e. customization required; f. recommended and minimum performance criteria and capacities; g. the internal/external electronic interfaces; and h. the security services implemented.					
3.3 Hardware and Software	4. All Vendor hardware must satisfy RCMP/GC/CPMGs electrical specifications, including the voltage, amperage, electrical receptacle, and CSA / ULC certification.	(M)				
3.3.1 EFCD Workstations						
3.3.1 EFCD Workstations	1. The Vendor EFCD workstations must satisfy all Livescan/Cardscan requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.1 EFCD Workstations	2. The Vendor EFCD workstations must allow all required components (e.g., monitor, printer, mouse, scanner block) to be connected to create a fully operational EFCD that satisfies all Livescan/Cardscan requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.1 EFCD Workstations	3. The workstation detailed specifications the Vendor EFCD workstations must meet are included in Annex B EFCD Detailed Requirements.	(M)				
3.3.2 EFCD Laptops						
3.3.2 EFCD Laptops	1. The Vendor EFCD Laptops must satisfy all Livescan/Cardscan requirements stated throughout this SOR and its accompanying documents.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.3.2 EFCD Laptops	2. The Vendor EFCD Laptops must allow all required components (e.g., printer, mouse, scanner block) to be connected to create a fully operational EFCD that satisfies all Livescan/Cardscan requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.2 EFCD Laptops	3. The Laptop detailed specifications the Vendor EFCD workstations must meet are included in Annex B EFCD Detailed Requirements.	(M)				
<b>3.3.3 SMTP-SPOI Servers</b>						
3.3.3 SMTP-SPOI Servers	1. The Vendor SMTP-SPOI servers must satisfy all SMTP-SPOI requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.3 SMTP-SPOI Servers	2. The Vendor SMTP-SPOI servers must allow all required connectivity (e.g., network connection, communication with Livescans/Cardscans, communication with RTID) to create fully operational SMTP-SPOI servers that satisfy all SMTP-SPOI requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.3 SMTP-SPOI Servers	3. The Vendor SMTP-SPOI servers must include an SMTP email service that supports communication with RTID and communication with the agency's Livescans/Cardscans as required.	(M)				
3.3.3 SMTP-SPOI Servers	4. All Vendor SMTP-SPOI servers must support the Network Time Protocol (NTP) to maintain clock synchronization through the RCMP/SSC/GC/CPMGs network devices.	(M)				

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3.3.3 SMTP-SPOI Servers	5. The Vendor SMTP-SPOI servers must support SNMP reporting to RCMP/SSC/GC/CPMGs system monitoring solution. This SNMP reporting must include automated system level monitoring capabilities, at the hardware and software application level, capable of producing SNMP traps/alerts when software or hardware faults are detected. The minimum SNMP reporting must include memory utilization, CPU utilization, disk utilization, key process failures and hardware faults.	(M)				
3.3.3 SMTP-SPOI Servers	6. The SNMP reporting capabilities will be determined for specific NMSO procurements.	(I)				
3.3.3 SMTP-SPOI Servers	7. The Vendor SMTP-SPOI servers must support High Availability (HA) capabilities to support intra-site fail-over.	(M)				
3.3.3 SMTP-SPOI Servers	8. The HA capabilities will be determined for specific NMSO procurements.	(I)				
3.3.3 SMTP-SPOI Servers	9. The SMTP-SPOI Server detailed specifications that the Vendor-proposed EFCD workstations must meet that are included in Annex B EFCD Detailed Requirements.	(M)				
3.3.4 Scanner Blocks						
3.3.4 Scanner Blocks	1. The scanner blocks must be capable of capturing: <ul style="list-style-type: none"> <li>a. Tenprint rolled fingerprint images;</li> <li>b. Tenprint plain fingerprint images;</li> <li>c. Palms images (upper, lower, writers); and</li> <li>d. ID Flat images.</li> </ul>	(M)				

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3.3.4 Scanner Blocks	2. At least one scanner block must be capable of capturing prints at 500ppi and/or 1000ppi.	(M)				
3.3.4 Scanner Blocks	3. Fingerprints captured at 1000ppi must downsample to 500ppi prior for inclusion in the NIST packet sent to RTID.	(M)				
3.3.4 Scanner Blocks	4. Refer to Annex B for additional detailed requirements for the scanner blocks within each type of Livescan device.	(I)				
3.3.5 Flatbed Scanners						
3.3.5 Flatbed Scanners	1. The Flatbed Scanners must be FBI certified and support the scanning requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.5 Flatbed Scanners	2. The Flatbed Scanners provided with the Cardscans shall meet, at a minimum, the Image Quality Specification (IQS) of Appendix F in the Electronic Biometric Transmission Specification (EBTS) Version 10 or later.	(M)				
3.3.5 Flatbed Scanners	3. The Flatbed Scanners must support all scanner capabilities necessary to support all scanning requirements for Cardscans.	(M)				
3.3.5 Flatbed Scanners	4. Refer to Annex B for additional detailed requirements for the Flatbed Scanners within Cardscan requirements.	(I)				
3.3.6 Printers						
3.3.6 Printers	1. The Vendor's solution must support both FBI certified printers and non-certified FBI printers to support printing requirements as stated throughout the SOR and its accompanying documents.	(M)				
3.3.6 Printers	2. The FBI certified printers provided shall meet, at a minimum, the Image Quality Specification (IQS) of Appendix F in the Electronic Biometric Transmission Specification (EBTS) Version 10 or later	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	(for latent / ten print printers, latent / ten print display stations and latent and ten print scanners).					
3.3.6 Printers	3. Printers supplied with the NMSO shall include a calibration feature.	(M)				
3.3.6 Printers	4. Refer to Annex B for additional detailed requirements concerning printing requirements.	(I)				
3.3.7 Touch Screen Monitors						
3.3.7 Touch Screen Monitors	1. The Standalone, Desktop Livescan and Cardscan must have touch screen capabilities that will allow the OLU to make onscreen selections by touching specific icons or fields located on the screen instead of using a mouse or keyboard.	(M)				
3.3.7 Touch Screen Monitors	2. The Touch Screen Monitor must be a minimum 24-inch Flat Touch Screen Monitor with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio or alternatively a 19-inch Flat Screen Touch Screen Monitor with a maximum resolution of 1280 x 1024 with a 4:3 aspect ratio upon request in the call-up.	(M)				
3.3.7 Touch Screen Monitors	3. Refer to Annex B to Appendix A – EFCD Detailed Requirements for additional requirements.	(I)				
3.3.8 Cameras - Facial image Capture Requirements						
3.3.8 Cameras - Facial image Capture Requirements	1. The cameras and their associated software must support facial image capture functionality for all Livescans (e.g., Standalone, Desktop and Portable) included in this SOR and its accompanying documents.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.3.8 Cameras - Facial image Capture Requirements	2. The cameras and their associated software must use the captured facial image to create a Type-10 record (facial image) that is used to create NPS-NIST-ICD compliant transactions as defined in the NPS-NIST-ICDs.	(M)				
3.3.8 Cameras - Facial image Capture Requirements	3. The cameras and their associated software must provide facial image capture capability that will satisfy the following requirements: <ul style="list-style-type: none"><li>a. the OLU must be able to use a single action (e.g., mouse click on a button) to activate the camera and the camera must automatically activate as required;</li><li>b. the facial image capture device must be a digital camera;</li><li>c. the camera must be connected to a Desktop or Portable Livescan by means of a USB extension no shorter in length than three (3) metres;</li><li>d. the Desktop and Portable Livescan camera must be mounted on fully adjustable telescoping/collapsible tripods, five (5) feet fully extended;</li><li>e. the Desktop and Portable Livescan camera must be powered by either an external or independent power source from a 110 volt power outlet;</li><li>f. the Ruggedized Standalone Livescan Kiosk camera must be powered from within the protective cabinet;</li><li>g. the Ruggedized Standalone Livescan Kiosk solution must include a securely wall-mountable 18% Grey Reflective backdrop appropriately sized for capturing at least the subject's head and shoulders in a vertical image format, and conceal the environment behind the subject;</li></ul>	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>h. the Desktop or Portable Livescan system must include a self-supported 18% Grey Reflective backdrop appropriately sized for capturing at least the subject's head and shoulders in a vertical image format, and conceal the environment behind the subject;</div><div>i. the Livescan camera must have:<div><div>i. a facial auto-find feature,</div><div>ii. a visual auto face-centring feature, and</div><div>iii. an auto focus feature;</div></div></div><div>j. the Livescan camera must have an automatic white balance feature;</div><div>k. the Livescan camera must have a red-eye reduction feature;</div><div>l. the Livescan must present the OLU the option to capture the facial image during the enrolment process;</div><div>m. the Livescan must force the OLU to capture the facial image when required by the workflow;</div><div>n. the Livescan must present the facial image on screen during the capture process;</div><div>o. the Livescan must allow the OLU to capture the facial image by means of a single action (e.g., mouse click on a button, screen touch);</div><div>p. the Livescan must allow the OLU to recapture the facial image multiple times;</div><div>q. the Livescan must capture and store:<div><div>i. 0 – 1 full face frontal pose for a MAP transaction,</div><div>ii. 0 – 3 facial poses for a CAR-Y or REF transaction (i.e., full face frontal pose, left, right or angled profile),</div></div></div></div>					

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>iii. 0 – 3 facial poses for a CAR-N (For local retention on Livescan only or for use on related agency systems – must not form part of NIST Packet) and</p> <p>iv. 1 – 3 facial poses for a IMM transaction (For local retention on Livescan only or for use on related agency systems – must not form part of NIST Packet);</p> <p>r. the Livescan must present the OLU with the onscreen view of the last facial image captured;</p> <p>s. the Livescan application must clearly display onscreen which pose the OLU is capturing;</p> <p>t. the Livescan must allow the OLU to save a facial image or images;</p> <p>u. the camera's imaging sensor should only be active during the photo capture step;</p> <p>v. the Livescan must include the facial image(s) as a Type-10 record(s) as required in NPS-NIST-ICD transactions and also store them in a folder on the Livescan or designated storage media in JPEG format;</p> <p>w. the Livescan must store the original facial images (i.e. not from the image in the NIST packet) in a configurable folder on the Livescan or designated storage media, with a filename format of [Surname].[DCN].[imagenumber].jpeg, in JPEG format for future recall, export or printing;</p> <p>x. the Livescan must allow the OLU to send a selected facial image to a printer when captured;</p> <p>y. the Livescan must allow the recall of a specific transaction by DCN or TCN and present the OLU the option to view the facial images;</p>					

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	z. the Livescan must allow the OLU to send a facial image as a print job by engaging a one step print function or button; and aa. the Livescan must allow the OLU to export the facial image in JPEG format to an external medium.					
3.3.8 Cameras - Facial image Capture Requirements	4. There should be an auto face-centering indicator over the facial capture for ease of use.	(R)				
<b>3.3.9 Software</b>						
3.3.9 Software	1. The Vendor will be responsible for providing licenses and support for all non-GFE software products. The Vendor will also be responsible for upgrades/changes to GFE software as indicated in Section 4.6 GFE Clarification and throughout this SOR and its accompanying documents. The Vendor's proposal must explain how each software product is used by the Vendor's solution to satisfy the requirements stated throughout this SOR and its accompanying documents.	(M)				
3.3.9 Software	2. COTS software provided as part of the NMSO is expected to be specific to the solution. In other words, the Vendor is not expected to provide any standard Office Automation (OA) products (e.g., e-mail client, word processing, and spreadsheet) as the RCMP/GC/CPMGs currently have negotiated licences for its standard suite of OA products.	(I)				
3.3.9 Software	3. Additionally, the RCMP/GC/CPMGs has licenses to other software used as part of other operational activities which has	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 3. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	been identified throughout this SOR and its accompanying documents (e.g. McAfee client software, WSUS, SCCM).					
3.3.9 Software	4. The Vendor must accept that the RCMP/GC/CPMGs may have additional application software that runs on the Livescan/Cardscan (e.g. booking system) and the RCMP/GC/CPMGs will ensure the software will operate without affecting the operation of Livescan/Cardscan.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.1 Purpose						
4.1 Purpose	1. This section provides an overview of the approach that will be used to approve the NMSO devices after contract award.	(I)				
4.1 Purpose	2. This section also describes the approval/recertification process for Civil Efficiencies and Charge features that may not be available for the initial approval of the NMSO devices.	(I)				
4.2 Changes to Certified Devices						
4.2 Changes to Certified Devices	1. The Vendor's EFCDs would have been previously certified to ICD 1.7.8 Rev 1.6 with the Vendors OS and configuration. However, the NMSO EFCDs must be approved, and recertified, if necessary, with an RCMP/GC/CPMGs approved OS and configuration.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.2 Changes to Certified Devices	2. The Vendor must complete all required changes necessary to satisfy all the requirements in this SOR and its accompanying documents that were not satisfied by the Vendor's ICD 1.7.8 Rev 1.6 Certified EFCDs including the Rated requirements identified as met or will be met in the Contractor's proposal.	(M)				
4.2 Changes to Certified Devices	3. The Vendor must complete all required changes necessary to satisfy all the requirements in this SOR and its accompanying documents for the Vendor's SMTP-SPOI server(s).	(M)				
4.2 Changes to Certified Devices	4. The Vendor must install their software on the RCMP/GC/CPMGs approved OS on the Vendor's EFCDs and ensure all the requirements in this SOR and its accompanying documents are satisfied.	(M)				
4.2 Changes to Certified Devices	5. The Vendor must configure the Vendor's EFCDs to support RCMP/GC/CPMGs automatic WSUS updates. The Vendor's EFCDs must satisfy all the requirements in this SOR and its accompanying documents with the RCMP/GC/CPMGs WSUS configuration.	(M)				
4.2 Changes to Certified Devices	6. The Vendor must configure the Vendor's EFCDs to support the RCMP/GC/CPMGs McAfee ePo or alternative anti-virus software if McAfee is not used. The Vendor's EFCDs must satisfy all the requirements in this SOR and its accompanying documents while receiving ePo, updates, or alternative anti-virus software if McAfee is not used, based on the RCMP/GC/CPMGs configuration.	(M)				
4.2 Changes to Certified Devices	7. The Vendor must complete the above five (5) items (#2 thru #6), to allow the RCMP recertification/acceptance testing to start, within six (6) months of contract award.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.2 Changes to Certified Devices	8. The Vendor should complete the above five (5) items (#2 thru #6) as quickly as possible, to allow the RCMP recertification/acceptance testing to start, as soon as possible.	(R)				
4.2 Changes to Certified Devices	9. If the Vendor's EFCDs do not operate as expected with the RCMP/GC/CPMGs ePo rules, the rules may be adjusted by the RCMP/GC/CPMGs. This will be accomplished by providing a separate set of rules for the EFCDs if required. It is preferred that the Vendor's EFCDs have already been proven to work with ePo and WSUS in an operational environment similar to the RCMP/GC/CPMG.	(R)				
4.3 Recertification / Acceptance of EFCDs						
4.3 Recertification / Acceptance of EFCDs	1. After completing the updates necessary to satisfy all the requirements in this SOR and its accompanying documents, the Vendor's EFCDs will start an recertification/acceptance testing process. This recertification/acceptance testing may be part of a release process.	(I)				
4.3 Recertification / Acceptance of EFCDs	2. Essentially, the certification process will be redone with as many tests as required by the RCMP to validate that the EFCDs satisfy all the requirements in this SOR and its accompanying documents with all the required changes. The number of tests that are completed will be determined based on how many changes the Vendor completed in order to satisfy the requirements.	(I)				
4.3 Recertification / Acceptance of EFCDs	3. The Vendor's solution must successfully pass the RCMP re-certification and acceptance testing with all the required changes completed.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.3 Recertification / Acceptance of EFCDs	4. If the Vendor's solution included the ability to reuse GFE components, this recertification/acceptance testing will also be used to ensure all the requirements in this SOR and its accompanying documents are satisfied with the Vendor's solution implemented on GFE.	(I)				
4.3 Recertification / Acceptance of EFCDs	5. The Vendor's solution must successfully pass the RCMP re-certification and acceptance testing with all the required changes completed with the reused GFE.	(M)				
4.3 Recertification / Acceptance of EFCDs	6. It is at the sole discretion of the RCMP/GC/CPMGs what, when, where and how the EFCDs will be tested to determine if they satisfy all the requirements in this SOR and its accompanying documents. This testing will be completed in secure GC facilities based on the data being processed.	(I)				
4.3 Recertification / Acceptance of EFCDs	7. If the Vendor's EFCD cannot be approved/recertified and successfully pass a DSB Vulnerability Assessment (VA), the EFCD will be considered noncompliant and will not be included on the list of approved NMSO devices.	(I)				
4.3 Recertification / Acceptance of EFCDs	8. If the Vendor's EFCDs cannot be approved/recertified and successfully pass a DSB Vulnerability Assessment (VA), the Vendor may be considered noncompliant, the contract may be terminated and next most qualified Vendor may be considered for the NMSO.	(I)				
4.3 Recertification / Acceptance of EFCDs	9. All defects identified by the RCMP through this approval/recertification process must be corrected by the Vendor as quickly as possible using experienced resources.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>4.4 Available For NMSO Procurement</b>						
4.4 Available For NMSO Procurement	1. Once the EFCDs have been approved/recertified by the RCMP, they will be available for procurement or upgrade for all RCMP/GC/CPMGs departments.	(I)				
<b>4.5 Retested For Civil Efficiencies And Charge Features</b>						
4.5 Retested For Civil Efficiencies And Charge Features	1. Once the Civil Efficiencies and Charge features are available in RTID, the EFCDs will be retested with RTID to ensure all features are operating as expected. That is, the configurable parameters will be set to turn on the Civil Efficiencies and Charge features to allow these features to be tested with RTID. This retesting will be completed by RCMP staff to thoroughly test all aspects of these features.	(I)				
4.5 Retested For Civil Efficiencies And Charge Features	2. Any EFCDs Civil Efficiencies and Charge features that do not satisfy the requirements and are considered defects must be corrected by the Vendor at no additional cost to the RCMP/GC/CPMGs.	(M)				
4.5 Retested For Civil Efficiencies And Charge Features	3. Once the EFCDs are retested with the Civil Efficiencies and Charge features and approved/recertified by the RCMP, Agencies will be notified that these features can now be turned on in the Production environment.	(I)				
<b>4.6 GFE Clarifications</b>						
4.6 GFE Clarifications	1. The following clarifies the separation of responsibilities between the RCMP/GC/CPMGs and the Vendor regarding the GFE. The	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>specific requirements are stated throughout the SOR and its accompanying documents:</p> <p>a. GFE workstations:</p> <p>i. most GFE workstations are currently configured with Windows 7. The license cost to upgrade these workstations, if required, to Windows 10 would be provided by the RCMP/GC/CPMGs, unless specifically identified by the RCMP/GC/CPMGs within a procurement,</p> <p>ii. all components (e.g., flatbed scanners, scanner blocks, Kiosk chassis, etc.) included in the GFE are available for use by the Vendor,</p> <p>iii. the hardware maintenance contract for the GFE workstations will be provided by the RCMP/GC/CPMGs, unless specifically identified by the RCMP/GC/CPMGs as part of the NMSO procurement,</p> <p>iv. GFE changes that increase the maintenance cost will be specifically identified by the RCMP/GC/CPMGs as part of each NMSO procurement, and</p> <p>v. The GC understands that certain components may only operate on Windows 7 or 10; therefore, GC understands that under these conditions the EFCD solution using the GFE components will operate using the compatible Windows OS version or the component will be replaced by the GC;</p> <p>b. GFE servers:</p> <p>i. the hardware maintenance contract for the GFE servers will be provided by the RCMP/GC/CPMGs, unless</p>					

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>specifically identified by the RCMP/GC/CPMGs as part of the NMSO procurement, and</p> <p>ii. GFE changes that increase the maintenance cost will be specifically identified by the RCMP/GC/CPMGs as part of the NMSO procurement;</p> <p>c. GFE Printers, Scanners and Cameras:</p> <p>i. the hardware maintenance contract for the GFE printers, scanners and cameras, as they are configured at the time of contract award, will be provided by the RCMP/GC/CPMGs (i.e., GFE changes that increase the maintenance cost will be the responsibility of the Vendor). Refer to Annex E for GFE details;</p> <p>d. GFE SAN:</p> <p>i. for any Vendor devices (e.g. SMTP-SPOI) that require access to SAN, the NMSO procurement will include whatever details required to support the solution, if allowed by the RCMP/GC/CPMGs;</p> <p>e. Simple Network Management Protocol (SNMP) reporting:</p> <p>i. the RCMP/GC/CPMGs will provide an SNMP reporting system, as required;</p> <p>f. GFE WSUS and Anti-Virus (ePo):</p> <p>i. the RCMP/GC/CPMGs expects to provide WSUS updates to workstations and Windows servers,</p> <p>ii. the RCMP/GC/CPMGs expects to provide McAfee antivirus updates including client software on any supported device, and</p>					

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>iii. the operating system update and AV update requirements that the Vendor must support are identified in this SOR and its accompanying documents; and</li> <li>g. PC Duo or other Remote Control Application: <ul style="list-style-type: none"> <li>i. the RCMP/GC/CPMGs may provide the licenses for PC Duo, IBM Endpoint Manager (IEM) or other similar product for use with the EFCDs by the Vendor's support staff.</li> </ul> </li> </ul>					
4.6 GFE Clarifications	<p>2. All other changes required (e.g., changes to successfully pass a VA, configure for Vendor components, etc.) to support the Vendor's solution and satisfy the requirements stated in the SOR and its accompanying documents must be provided by the Vendor, including, but not limited to at least the following:</p> <ul style="list-style-type: none"> <li>a. all GFE server changes, including operating system upgrades, must be provided by the Vendor, unless specifically identified by the RCMP/GC/CPMGs as part of the NMSO procurement;</li> <li>b. all changes to the GFE printers and/or scanners required to support the Vendor's solution and satisfy the requirements stated in the SOR and its accompanying documents must be provided by the Vendor;</li> <li>c. the Vendor must provide an SNMP Version 3 agent for any server that is part of their solution;</li> <li>d. the RCMP/GC/CPMGs may provide the backup, restore, recovery products; however, the Vendor must have a backup/restore solution for the servers provided through this NMSO procurement;</li> <li>e. the Vendor must be able to provide a process to maintain Windows updates and AV for any RCMP/GC/CPMGs that does not have an automated update process;</li> </ul>	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 4. A						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	f. the Vendor must be able to provide a remote access control method to perform support and maintenance on EFCDs as described throughout the SOR and its accompanying documents, if it is not provided by the RCMP/GC/CPMGs;					
4.6 GFE Clarifications	3. The Vendor must be able to use GFE procured through alternate RCMP/GC/CPMGs (e.g. workstation NMSO) that have hardware and configuration specifications that meet the requirements in this SOR and its accompanying documents and is comparable in function and form with the with the Vendor's proposed hardware.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 Purpose						
5.1 Purpose	1. This section describes the corporate and management requirements to be satisfied by the Vendor.	(I)				
5.1 Purpose	2. The Vendor must identify at least two (2) previous Livescan/Cardscan NMSOs (or equivalent contractual arrangements) that they have supported that are of a similar size and scope as defined in this SOR and its accompanying documents that includes the supply of at least one hundred (100) users/devices involved in fingerprint processing with at least twenty (25) EFCDs over the life of the contract.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 Purpose	3. The Vendor must have a proven record developing and implementing Livescan and Cardscan devices with at the least five (5) years' experience in the biometric industry.	(M)				
5.1 Purpose	4. The Vendor should describe its proven ability to support an NMSO of the size and scope as defined in this SOR and its accompanying documents by providing any additional information that support the following requirement: a. identify the number of current and/or previous EFCD supply arrangements or contracts supported by specifically identifying up to five (5) clients with requirements similar to the requirements in this SOR and its accompanying documents; b. describe the number of years for which the above supply arrangements or contracts were supported; c. identify the Vendor's contract value provided in the supply arrangement or contract; and d. identify the country for which the supply arrangements or contracts were supported.	(R)				
5.1 Purpose	5. The Vendor must have sold/supported at least 300 EFCDs to demonstrate their experience and ability to support the requirements stated in the SOR and its accompanying documents.	(M)				
5.1 Purpose	6. The Vendor must maintain a nationwide maintenance service network, which means that the Vendor must have a sufficient number of resources to meet the response times specified requirements stated in the SOR and its accompanying documents, throughout Canada.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 Purpose	7. The Vendor must have an existing and experienced technical support infrastructure, staffed with personnel trained on the Vendor's devices.	(M)				
5.1 Purpose	8. The Vendor should describe this nationwide service network and the resources involved to demonstrate how the support and maintenance requirements will be satisfied.	(R)				
5.2 Planning and Oversight						
5.2.1 General						
5.2.1 General	1. The Vendor shall identify key team members that will be accountable for responding to requests and managing the Contract. The Vendor must provide resumes that describe the relevant qualifications and experience of each individual.	(M)				
5.2.1 General	2. The Vendor should provide quality resources and their related EFCD and NMSO experience.	(R)				
5.2.1 General	3. All Vendor resources proposed must meet or exceed the following minimum qualifications below and deliver the services required to satisfy the requirements of this Standing Offer: a. Project Manager with five (5) years' experience within the last eight (8) years as a project manager and duties that include, but are not limited to" i. be responsible for the delivery of all changes required to the Vendor's EFCDs to satisfy the requirements stated throughout the SOR and its accompanying documents, ii. act as point of contact between the RCMP and the vendor, iii. manage the execution of the task authorizations through development and implementation to ensure the resources	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>are made available and that the requirements of the task authorizations are fully operational within the previously agreed time, cost and performance parameters,</p> <p>iv. formulates statement of problems; establishes procedures for the development and implementation of modified task authorization elements and obtains prior RCMP approval,</p> <p>v. provide feedback on level of effort, timelines and costs,</p> <p>vi. progress reporting on status,</p> <p>vii. provides options to problems encountered and recommendations for resolution,</p> <p>viii. delivery of new code base, implementation and testing,</p> <p>ix. updated design specification documentation, and</p> <p>x. analyze the Task Authorizations and perform the above duties as required after the initial updates to satisfy the requirements in the SOR and its accompanying documents;</p> <p>b. Systems Engineer with five (5) years' experience within the last eight (8) years as a systems engineer demonstrated experience in designing and integrating workflow modifications within existing systems and duties that include, but are not limited to:</p> <p>i. be responsible for the engineering changes required to the Vendor's EFCDs to satisfy the requirements stated throughout the SOR and its accompanying documents,</p> <p>ii. act as the lead engineer for any activity that may or will alter the baseline application code after the initial updates to satisfy the requirements in the SOR and its accompanying documents,</p>					

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>iii. translate business requirements to systems design and specifications,</div><div>iv. analyze functional requirements to identify information, procedures and design flows,</div><div>v. develop and maintain complex system and modules, programs, sub-systems, system and procedures,</div><div>vi. develop technical specifications for systems development, design and implementation,</div><div>vii. maintain information coordination between all partners,</div><div>viii. lead projects technically through the entire Software Development Life Cycle (SDLC).</div><div>ix. deliver production ready enhancements/updates to Vendor products,</div><div>x. design and document in detail all affected system components, their interfaces, relationships and operational environment,</div><div>xi. document system design, concepts and facilities,</div><div>xii. complete system documentation, and</div><div>xiii. analyze the Task Authorizations and perform the above duties as required after the initial updates to satisfy the requirements in the SOR and its accompanying documents;</div></div><div><div>c. Software Engineer with five (5) years' experience within the last eight (8) years as a software engineer with duties that include, but are not limited to:</div><div><div>i. be responsible for interpreting the impact and necessary modifications or enhancements to the baseline application</div></div></div></div>					

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>code the software changes require to support to have the Vendor's EFCDs satisfy the requirements stated throughout the SOR and its accompanying documents,</div> <div>ii. design data structures and files, sub-systems and modules, programs and production monitoring procedures, testing strategies and system,</div> <div>iii. review the analysis and the programming of other software developers to ensure quality,</div> <div>iv. perform independent verification and validation of software applications and systems function and performance,</div> <div>v. prepare the system for production releases and coordinate all changes with impacted partners,</div> <div>vi. analyze performance and tune systems,</div> <div>vii. provide guidance and work leadership to other team members.</div> <div>viii. complete any and all analysis in the vendor's notation that will be used by the software developer to make the necessary application code amendments or enhancements,</div> <div>ix. develop and document detailed statements of conversion requirements based on client needs and system architectural guidelines,</div> <div>x. develop and document both high and low-level data mapping requirements and schemas across various corporate systems and databases,</div> <div>xi. complete system documentation, and</div> <div>xii. analyze the Task Authorizations and perform the above duties as required after the initial updates to satisfy the</div>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>requirements in the SOR and its accompanying documents;</p> <p>d. Software Developer with three (3) years' experience within the last five (5) years with duties that include, but are not limited to:</p> <p>i. be responsible for the software development changes required to the Vendor's EFCDs to satisfy the requirements stated throughout the SOR and its accompanying documents,</p> <p>ii. interpreting any associated analysis and implementing any necessary application code changes,</p> <p>iii. develop and maintain system and modules, programs, sub-systems, and system procedures,</p> <p>iv. analyze, design and develop classes and their methods, attributes and relationships,</p> <p>v. design programs, present program design, and write modules and procedures,</p> <p>vi. provide problem debugging and resolution,</p> <p>vii. deliver modified application software build with the modifications applied as required to fulfill the requirements,</p> <p>viii. produce operational systems, including all forms, manuals, programs, input/output sources, procedures and training material,</p> <p>ix. document program design and quality assurance standards to be used during the implementation phase,</p> <p>x. complete system documentation, and</p>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>xi. interpret the Task Authorizations and perform the above duties as required after the initial updates to satisfy the requirements in the SOR and its accompanying documents;</li><li>e. Tester with two (2) years' experience in the last five (5) years with establishing and executing EFCD test plans and procedures to verify customer requirements, regression testing and performance baselines; experience in developing software scripts to conduct testing, and to identify, install, and configure new software and hardware in support of integration testing; with duties that include, but are not limited to:<ul style="list-style-type: none"><li>i. develop an overall test strategy for the software development changes required to the Vendor's EFCDs to satisfy the requirements stated throughout the SOR and its accompanying documents,</li><li>ii. develop test cases to validate the requirements have been met and ensure the test cases also include regression testing to confirm that existing functionality has not been negatively impacted by any application code modifications or enhancements,</li><li>iii. perform test planning and coordination,</li><li>iv. decide on testing tools, techniques and processes,</li><li>v. develop, manage and monitor test plans for all levels of testing; and</li><li>vi. provide other related test services.</li><li>vii. deliverables will include, but are not limited to:</li><li>viii. provide reports to management on testing status and success,</li></ul></li></ul>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>ix. maintain and update relevant enhancements in manual or electronic files,</div><div>x. develop standards and processes to follow with regards to system integration, testing and the readying of systems for implementation and rollout,</div><div>xi. provide a fully tested and production ready application, and</div><div>xii. perform all of the above duties for Task Authorizations, as required after the initial updates to satisfy the requirements in the SOR and its accompanying documents;</div></div><div><div>f. Technical Writer with three (3) years' experience in the last five years as a technical writer with duties that include, but are not limited to:</div><div><div><div>i. complete the technical writing for all documentation for the changes required to the Vendor's EFCDs to satisfy the requirements stated throughout the SOR and its accompanying documents,</div><div>ii. work with design team in determining any modifications required to the baselined Detail Design Specification,</div><div>iii. update the Detail Design Specification to incorporate any modifications.</div><div>iv. update user manuals, help text and any other technical documentation,</div><div>v. review documentation standards and existing design specification documentation,</div><div>vi. investigate the accuracy of the information collected by making direct use of the material being documented,</div></div></div></div></div>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>vii. prepare or coordinate the preparation of any required illustrations and diagrams,</li><li>viii. ensure updated Detail Design Specification accurately reflect any modifications to the baselined specification,</li><li>ix. update detail design illustrations or diagrams,</li><li>x. update affected help files,</li><li>xi. update affected training material, and</li><li>xii. perform all of the above duties for Task Authorizations, as required after the initial updates to satisfy the requirements in the SOR and its accompanying documents; and</li></ul> <p>g. Technician with two (2) years' experience in the last five (5) years with resolving all non-software related technical issues such as hard drive failures, RAM upgrade, Network Interface Card failures, etc. with the Vendor's EFCDs.</p>					
5.3 Vendor Organization						
5.3.1 Vendor Organizational Structure						
5.3.1 Vendor Organizational Structure	<p>1. The Vendor must provide an organizational chart and associated text that describes the organization and how it proposes to address the requirements of this Contract. This description should address at least the following:</p> <ul style="list-style-type: none"><li>a. the proposed resources and their qualifications:<ul style="list-style-type: none"><li>i. the roles and responsibilities of each resource; and</li><li>ii. a Curriculum Vitae (CV) for each resource;</li></ul></li><li>b. the reporting relationship, including the resources reporting relationship to their senior management;</li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>c. the interface points between the Vendor's resources and RCMP resources that should include an executive sponsor and a Single Point Of Contact; and</li> <li>d. the previous experience of the resource supporting Livescan/Cardscan NMSOs that are of the size and scope as defined in this SOR and its accompanying documents.</li> </ul>					
5.3.1 Vendor Organizational Structure	2. The Vendor should provide sufficient organizational structure information that allows the most effective assessment of the Vendor's ability to support responding to requests and managing the Contract, such as the individuals responsible for managing the contract, the resources and process for delivery of devices, the resources and process for delivery of services and details concerning the provision of warranty and maintenance services.	(R)				
5.3.1 Vendor Organizational Structure	3. The Vendor should provide resources that already have RCMP/GC/CPMGs security clearances or resources capable of obtaining RCMP/GC/CPMGs security clearances that allow them to satisfy the requirements stated in the SOR and its accompanying documents. This information should include at least a personnel list of all those who will be involved in this NMSO, including their alternates, including name, citizenship, nature of involvement, and any current RCMP and/or PSPC Canadian Industrial Security Directorate (CISD) security clearance status and if the resources do not have a Canadian clearance, identify clearances with other countries.	(R)				
5.3.1 Vendor Organizational Structure	4. No Vendor resources are allowed to work on the NMSO without prior approval by RCMP/GC/CPMGs and must have an appropriate RCMP/GC/CPMGs clearance based on the resource's responsibilities.	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.3.2 Executive Sponsor						
5.3.2 Executive Sponsor	1. The Vendor should identify an executive sponsor with overall responsibility for meeting the terms and conditions of this Contract. The executive sponsor should have ultimate resolution and approval authority, for the Vendor, concerning the Contract resulting from this SOR. The executive sponsor is expected to directly resolve any issues relating to this Contract on behalf of the Vendor. The organizational structure should depict the ultimate authority of the executive sponsor. If the executive sponsor is not the ultimate authority, then the executive level that represents the ultimate authority must be identified as well as the types of decisions that are expected to be directed to the ultimate authority.	(R)				
5.3.3 Single Point of Contact (SPOC)						
5.3.3 Single Point of Contact (SPOC)	1. The Vendor must identify a SPOC that will be assigned to the Contract resulting from this SOR that has the authority and responsibility to directly or indirectly action NMSO procurements, Task Authorizations (TAs) and reporting requests, and perform the tasks associated with this SOR and its accompanying documents.	(M)				
5.3.3 Single Point of Contact (SPOC)	2. The Vendor's SPOC and any other proposed resources directly interacting with the RCMP must have good oral and written communication skills.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>5.3.4 Technology and Process</b>						
5.3.4 Technology and Process	1. The Vendor must describe any tools and processes that they have previously used to perform the tasks required for this Contract. These tools and processes must demonstrate the Vendor's ability to efficiently and effectively support the requirements defined in this SOR and its accompanying documents.	(M)				
5.3.4 Technology and Process	2. The Vendor must, at a minimum, describe their delivery, installation, integration, support and maintenance processes and previous experience to demonstrate the Vendor's ability to satisfy the requirements stated throughout this SOR and its accompanying documents for Livescans and Cardscans.	(M)				
5.3.4 Technology and Process	3. The Vendor should describe any tools and processes that they will use to perform the tasks required for this Contract in the most efficient and effective manner.	(R)				
5.3.4 Technology and Process	4. The Vendor should provide their Delivery, Installation, and Integration Plan describing: <ul style="list-style-type: none"> <li>a. how they will ship, upon receiving a call-up, the device hardware, software, and documentation;</li> <li>b. a complete description on how change orders will be processed, approved, and implemented;</li> <li>c. the facility and layout requirements for the use of the devices including at least the space, power, lighting requirements and integration into the RCMP/GC/CPMGs architecture;</li> <li>d. the configuration process that allows the device to be setup with the Types Of Transactions (TOTs) and configuration required for the Agency procuring the devices; and</li> </ul>	(R)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	e. the NMSO reporting process that ensures the NMSO reporting requirements stated throughout this SOR and its accompanying documents are satisfied.					
5.3.4 Technology and Process	5. The Vendor should describe the setup and installation process for the EFCDs. This description should include a clear indication of how easily the Agency's IT support staff can follow the installation guide to complete the installation, configuration and setup of the EFCD.	(R)				
5.3.4 Technology and Process	6. The Vendor should describe their configuration management control system that ensures the integrity of the device's software/configuration version to ensure all devices procured with a specific set of features is consistently provided the requesting Agencies throughout the life of the NMSO.	(R)				
5.3.5 Delivery and Installation						
5.3.5 Delivery and Installation	1. The Vendor must agree to supply, deliver, configure, install (if required by a Call-up), integrate and implement (if required by the Call-up), provide warranty, maintenance software support services and documentation for the EFCD(s) and other products ordered under this NMSO (as specified in the Call-up), to the Identified User, according to the prices, terms and conditions in this NMSO. Products must be delivered on an "as and when requested" basis to the location(s) specified in the Call-up, which may be locations anywhere in Canada when the Call-up is made in accordance with this NMSO.	(M)				
5.3.5 Delivery and Installation	2. Each product and its supply, delivery, configuration, installation (if required by a Call-up), integration and implementation (if required by the Call-up) including the warranty, maintenance, software support services and associated documentation (as specified in	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	the Call-up) is subject to inspection and acceptance by the Identified User. If the product(s) do not correspond to the System(s) (including configuration), or Component(s) offered under the NMSO or otherwise specified in the Call-up, or if the Products do not meet the Technical Specifications of the Call-up, the Vendor will be in default of this NMSO and Canada may reject the product(s) or require that they be corrected at the sole expense of the Vendor before accepting them. No payment for any product is due under the NMSO unless the product is accepted. No restocking fees or other charges will apply to products that are not accepted.					
5.3.5 Delivery and Installation	3. If any product fails to perform in accordance with the Technical Specifications and functional descriptions contained or referenced in the Call-up and requires remedial hardware maintenance service three (3) or more times during the Hardware Maintenance Period, the Vendor must, if requested by the Identified User, replace the product at no cost with another item meeting the specifications of the product. The replacement product must be delivered no later than 15 calendar days after the request is received. The Vendor must restore the system to full operation with the replacement product at no charge.	(M)				
5.3.5 Delivery and Installation	4. The Vendor must provide the following as part of delivering the product(s): a. coordinate delivery schedules to the Call-up site locations within Canada with each call-up; b. accepts and agrees that the sites will be specific to a point of destination provided in a call-up;	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>c. perform and pay for, as part of the Standing Offer, all the following shipment services to include, at a minimum:</p> <ul style="list-style-type: none"><li>i. package all hardware and any related software,</li><li>ii. provide any associated commercial documentation,</li><li>iii. identify and contract for any required broker services,</li><li>iv. prepare and submit any appropriate Canadian and US Customs forms,</li><li>v. insure all shipped goods, for full value, either with the shipper or self-insure them, as per their corporate policy,</li><li>vi. ship the material with a bill of lading that corresponds to the shipping container, serial number, and BOM item number for use by the Call-up Agency at the point of destination identifying the receipt of all shipped material, and</li><li>vii. provide a copy of the Bill of Lading to Call-up Agency point of contact at the time of the shipment(s) through an agreed to method (e.g. fax, email);</li></ul> <p>d. deliver all hardware, software, peripherals and documents to point of destination;</p> <p>e. acquire and pay for, as part of the Standing Offer, all appropriate end user license agreements; and</p> <p>f. provide the client with End User License Agreements for all commercial and shareware software products acquired for use with the procured devices.</p>					
5.3.5 Delivery and Installation	5. The Vendor must provide the following as part of the delivery and integration of the product(s):	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>a. prior to equipment shipment, provide a Delivery and Integration Plan to the Call-up agency with the sequence of installation/integration steps for the equipment including site configuration requirements in terms of space, power and network connections.</li><li>b. unpack and set-up the equipment at the delivery location on a schedule that is approved by the client at point of destination.</li><li>c. be responsible for the removal of any packaging material originating from the delivered hardware or any of its components to a local site as directed by the client.</li><li>d. load and initialize all new application software and Online Help files.</li><li>e. support the Call-up agency with RCMP Agency Certification testing and migration to the RCMP production environment.</li><li>f. formally inform the RCMP Biometric Business Solutions Section Project Manager in writing of any device or technical issues identified during Agency Certification Testing and their approach to resolve the issues and how other deployed devices will be updated.</li></ul>					
5.3.5 Delivery and Installation	6. During the period of this Standing Offer or Warranty or Extended Maintenance, hardware may reach end-of-life and need to be replaced with new hardware.	(I)				
5.3.5 Delivery and Installation	7. The Vendor must provide the following regarding product substitution: <ul style="list-style-type: none"><li>a. advise the RCMP of replacement hardware that differs in make and model from the original hardware delivered;</li></ul>	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 5. V						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>b. provide the RCMP with the make and model of the replacement hardware;</div> <div>c. demonstrate, to the satisfaction of the RCMP, that:<div><div>i. the replacement hardware will work seamlessly with their application software with no loss of functionality or any conflicts with the application interface and operating system, and</div><div>ii. the replacement hardware in combination with the software remains compliant to the NPS-NIST-ICD 1.7.8 Rev 1.6 Vendor Certification requirements;</div></div></div> <div>d. provide the RCMP with the means to test the new hardware at the RCMP Headquarters, Ottawa, Ontario;</div> <div>e. address and correct any issues or conflicts identified during RCMP testing; and</div> <div>f. not deploy new replacement hardware until approved and directed by the RCMP.</div>					

Appendix A: EFCD Statement of Requirement: Chapter 6. O						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
6.1 Overview						
6.1 Overview	1. This section identifies the Vendor deliverables and describes the content of the deliverables that must be completed as part of this SOR.	(M)				

Appendix A: EFCD Statement of Requirement: Chapter 6. O						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
6.1 Overview	2. Expected RCMP deliverables are also listed to allow the Vendor to be aware of these deliverables and ensure they are included in the master schedule with any required dependencies.	(I)				
6.1 Overview	3. Any additional deliverables that the Vendor considers important for the successful completion of this SOR must be identified by the Vendor and indicate any RCMP activity related to the additional deliverables.	(M)				
6.1 Overview	4. Any additional deliverables that the Vendor requires from the RCMP must be identified. RCMP must approve any changes to the list of deliverables identified in Subsection 6.2 below.	(M)				
6.2 Contract Deliverables Requirements List (CDRL) Scheduling of Deliverables						
6.2 Contract Deliverables Requirements List (CDRL) Scheduling of Deliverables	1. The following table, Table 6-1: Schedule of Deliverables, identifies the deliverables, responsibility for completion, initial delivery date, revision time period (in business days) and final deliverable dates.	(I)				
6.2 Contract Deliverables Requirements List (CDRL) Scheduling of Deliverables	2. The time estimates, identified in Table 6-1, are preferred by the RCMP.	(R)				
6.2 Contract Deliverables Requirements List (CDRL)	3. The time estimates are provided to indicate timeframes that initially correspond with RCMP schedules which will be considered in the Master Contract Schedule. The approved	(I)				

Appendix A: EFCD Statement of Requirement: Chapter 6. O						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Scheduling of Deliverables	Master Contract Schedule, created by RCMP, will identify the agreed to delivery dates for all deliverables.					
6.2 Contract Deliverables Requirements List (CDRL) Scheduling of Deliverables	4. Note: All dates in Table 6-1 below are calendar dates. The RCMP/GC/CPMGs Review column represents business days.	(I)				

### 1.3 Annex B to Appendix A: EFCD Detailed Requirements – v2C

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 General						
1.1 General	1. This Annex B to the Appendix A SOR describes the detailed requirements for the EFCDs and SMTP-SPOI. This is in addition to the workflow requirements stated in Annex D and the other requirements stated throughout the SOR and its accompanying documents.	(I)				
1.1 General	2. This document identifies what the Vendor's EFCDs and SPOI must provide in order to satisfy the RCMP/GC/CPMG requirements for processing creating, editing, saving, deleting, sending and receiving criminal, refugee, immigration and civil fingerprint transactions. It describes the functional and technical requirements that must be provided by the Vendor's EFCDs and SMTP-SPOI to support the business, interfaces, capacity, security and quality requirements of the RCMP/GC/CPMG.	(M)				
1.1 General	3. The EFCD should follow the guidelines in the Best Practices for the Implementation of Civil Efficiencies of Fingerprint Capture Device Workflows and Best Practices for the Capture of Charge Information In Support Of NPS-NIST-ICD V1.7.8 v1.6.	(R)				
1.2 EFCD Replacement Concept						
1.2 EFCD Replacement Concept	1. From an ICD and interface perspective, EFCDs are like a replaceable black box for RTID. The EFCDs have a workflow that supports the ICD and communicates ICD compliant transaction to the RTID System according to an RTID interface specification. The ICDs define the interface between the EFCDs and the RTID System. Any EFCD that fully supports the 1.7.8 ICD and the 2.1.1	(I)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	ICD IMM transaction should be able to replace the existing EFCDs for submissions processing. There are more EFCD requirements than submission processing; however, this explains the black box concept for the EFCDs within the RTID architecture.					
1.2 EFCD Replacement Concept	2. The EFCDs must support the 1.7.8 ICD revision 1.6 and the IMM transaction in the 2.1.1 ICD revision 3.0 for all communications between EFCD and the RTID System as well as the sequence of activities for every transaction included in the SOR and its accompanying documents.	(M)				
1.2 EFCD Replacement Concept	3. The EFCDs must also support the user interface (UI) and all other requirements stated throughout the SOR and its accompanying documents.	(M)				
1.2 EFCD Replacement Concept	4. The EFCDs and SMTP-SPOI must operate and provide all the requirements stated throughout the SOR and its accompanying documents within the architecture described in Annex A.	(M)				
1.2 EFCD Replacement Concept	5. The EFCDs include multiple components. The Vendor's solution should effectively and efficiently be able to re-use as many GFE components as possible to reduce the overall cost and impact to the RCMP/GC/CPMG departments.	(R)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 2. D						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>2.1 Introduction</b>						
2.1 Introduction	1. The following subsections identify the detailed hardware specification for the EFCDs and SMTP-SPOI server. These specifications represent the minimum requirements that must be satisfied for the devices.	(I)				
2.1 Introduction	2. The Livescans/Cardscans must support either 19 inch or 24 inch touchscreen monitors. Livescan/Cardscan Call-ups including 19 inch monitors must be reduced in price equal to the difference between the 19 inch and 24 inch monitors. This will allow RCMP/GC/CPMG departments to re-use their existing 19 inch monitors or procure new Livescans/Cardscans with either 19 inch or 24 inch monitors.	(M)				
2.1 Introduction	3. The Livescan software must also be supported on the Vendor's proposed portable laptop touchscreen monitor.	(M)				
2.1 Introduction	4. Detailed descriptions and photos must be provided in the bid submission to show the EFCDs support the requirements.	(M)				
<b>2.2 Ruggedized Standalone Livescan Kiosk</b>						
2.2 Ruggedized Standalone Livescan Kiosk	1. The Ruggedized Standalone Livescan Kiosk solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents: a. fingerprint scanner block capable of capturing at 500 ppi, Tenprint rolled, Plain images, Palms (upper, lower and writer's palms), and ID Flat images; b. digital facial image capture system (i.e. camera) with 24 bit colour with an appropriate lighting system to support all	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 2. D						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>requirements stated in this RFSO and its accompanying documents;</p> <p>c. minimum 24 inch Flat Screen Touch Screen Monitor with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio;</p> <p>d. provided with Windows 10 Operating System (OS) as required by RCMP/GC/CPMG;</p> <p>e. uninterruptible Power Supply (UPS);</p> <p>f. CPU with a minimum of an Intel® Core™ i7 processor at 3.4 GHz or equivalent;</p> <p>g. two (2) x 500GB SSD M.2 PCIE 3.0 (NVMe), RAID 1 mirrored hard drives;</p> <p>h. minimum 16 GB of RAM;</p> <p>i. ethernet Port (RJ45 10/100/1000 Mbps);</p> <p>j. locking keyboard (i.e. locks in the closed and fully open position);</p> <p>k. scroll Mouse;</p> <p>l. foot pedal, built into the protective cabinet, to allow OLU/OLA hands-free capture of fingerprint images or photo;</p> <p>m. magnetic Stripe and 2D Barcode Reader;</p> <p>n. a USB receptor easily accessible by the OLU/OLA through the use of a USB extension cord securely fastened to the device;</p> <p>o. a smart card reader or USB easily accessible by the OLU/OLA to use a smart card or PKI token for two-factor authentication to establish a secure VPN;</p> <p>p. all cabling required for the devices;</p>					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 2. D						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>q. eight (8) USB Ports;</li> <li>r. any additional ports required to effectively operate the devices in a manner that satisfies all requirements throughout the SOR and its accompanying documents; and</li> <li>s. optionally: <ul style="list-style-type: none"> <li>i. FBI certified printer, and/or</li> <li>ii. printer at minimum 1200 DPI (FBI certification not required).</li> </ul> </li> </ul>					
2.2 Ruggedized Standalone Livescan Kiosk	2. The RCMP/GC/CPMG must have the option to procure the Livescan with a scanner block configurable to capture fingerprint images at 1000ppi as part of a change to the call-up, as required. The cost difference, if any, in the call-up must only be the difference between the base 500ppi scanner block and the 1000ppi scanner block.	(M)				
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements						
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	1. The ruggedized Livescan must be designed to pass through a standard 28 inch door.	(M)				
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	2. The ruggedized Livescan steel protective cabinet must securely store the CPU, UPS, Fingerprint Scanner, keyboard, exhaust fans, power supply and any other components required to effectively operate the Livescan.	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 2. D						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	3. The ruggedized Livescan protective cabinet should have demonstrated proof that it has successfully operated with a Livescan configuration the same or similar to the Vendor's solution for at least two (2) years of continuous use.	(R)				
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	4. The ruggedized Livescan Touch Screen monitor must be securely fastened to the protective cabinet.	(M)				
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	5. The ruggedized Livescan must allow all internal components to be securely fastened within the protective cabinet to immobilize the components during relocation or tilt and have a hide-away keyboard.	(M)				
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	6. The ruggedized Livescan should be ergonomically designed with cabinet stability and ruggedness along with ease of access to resident component hardware by way of fastening mechanisms. Refer to GFE photos for example existing kiosks.	(R)				
2.2.1 Ruggedized Standalone Livescan Kiosk	7. The ruggedized Livescan digital camera must be securely fastened in the protective cabinet.	(M)				

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Detailed Requirements						
2.2.1 Ruggedized Standalone Livescan Kiosk Detailed Requirements	8. The ruggedized Livescan protective cabinet must be equipped with wheels, rollers or acceptable equivalent.	(M)				
2.3 Desktop Livescan						
2.3 Desktop Livescan	1. The Vendor must provide a desktop Livescan solution for law enforcement and a separate ID Flats Livescan solution for non-law enforcement agencies/departments as described in the following subsections.	(M)				
2.3.1 Law Enforcement Desktop Livescan						
2.3.1 Law Enforcement Desktop Livescan	1. The law enforcement desktop Livescan solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents:  a. fingerprint scanner block capable of capturing at 500 ppi, Tenprint rolled, Plains, Palms (upper, lower and writer's palms), and ID Flat images or alternatively a scanner block capable of capturing Tenprint rolled, Plains, and ID Flat images;  b. digital facial image capture system with 24 bit colour with an appropriate lighting system to support all requirements stated in this RFSO and its accompanying documents;	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>c. fully adjustable telescoping/collapsible tripod to mount camera, five feet fully extended;</div><div>d. minimum 24 inch Flat Screen Touch Screen Monitor with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio;</div><div>e. provided with Windows 10 Operating System (OS) as required by RCMP/GC/CPMG;</div><div>f. uninterruptible Power Supply (UPS);</div><div>g. CPU with a minimum of an Intel® Core™ i7 processor at 3.4 GHz or equivalent;</div><div>h. two (2) x 500GB SSD M.2 PCIE 3.0 (NVMe), RAID 1 mirrored hard drives;</div><div>i. minimum 16 GB of RAM;</div><div>j. ethernet Port (RJ45 10/100/1000 Mbps);</div><div>k. keyboard;</div><div>l. scroll Mouse and corded/cordless mouse;</div><div>m. magnetic Stripe and 2D Barcode Reader</div><div>n. a USB receptor located conveniently on the EFCD through the use of a USB extension cord securely fastened to the device;</div><div>o. a smart card reader or USB easily accessible by the OLU/OLA to use a smart card or PKI token for two-factor authentication to establish a secure VPN.</div><div>p. all cabling required for the devices;</div><div>q. eight (8) USB Ports;</div></div>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>r. any additional ports required to effectively operate the devices in a manner that satisfies all requirements throughout the SOR and its accompanying documents; and</li><li>s. optionally:<ul style="list-style-type: none"><li>i. FBI certified printer,</li><li>ii. laser printer at minimum 1200 DPI (FBI certification not required), and</li><li>iii. foot pedal to allow OLU/OLA hands-free capture of fingerprint image or photo.</li></ul></li></ul>					
2.3.1 Law Enforcement Desktop Livescan	2. The RCMP/GC/CPMG must have the option to procure the Livescan with a scanner block configurable to capture fingerprint images at 1000ppi as part of a change to the call-up, as required. The cost difference, if any, in the call-up must only be the difference between the base 500ppi scanner block and the 1000ppi scanner block.	(M)				
2.3.2 ID Flats Desktop Livescan						
2.3.2 ID Flats Desktop Livescan	1. The ID Flats desktop Livescan solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents: <ul style="list-style-type: none"><li>a. fingerprint scanner block capable of capturing at 500 ppi ID Flat images;</li><li>b. digital facial image capture system with 24 bit colour with an appropriate lighting system to support all requirements stated in this RFSO and its accompanying documents;</li><li>c. fully adjustable telescoping/collapsible tripod to mount camera, five feet fully extended;</li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>d. minimum 24 inch Flat Screen Touch Screen Monitor with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio;</div> <div>e. provided with Windows 10 Operating System (OS) as required by RCMP/GC/CPMG;</div> <div>f. uninterruptible Power Supply (UPS);</div> <div>g. CPU with a minimum of an Intel® Core™ i7 processor at 3.4 GHz or equivalent;</div> <div>h. two (2) x 500GB SSD M.2 PCIE 3.0 (NVMe), RAID 1 mirrored hard drives;</div> <div>i. minimum 16 GB of RAM;</div> <div>j. ethernet Port (RJ45 10/100/1000 Mbps);</div> <div>k. keyboard;</div> <div>l. scroll Mouse and corded/cordless mouse;</div> <div>m. magnetic Stripe and 2D Barcode Reader</div> <div>n. a USB receptor located conveniently on the EFCD through the use of a USB extension cord securely fastened to the device;</div> <div>o. a smart card reader or USB easily accessible by the OLU/OLA to use a smart card or PKI token for two-factor authentication to establish a secure VPN.</div> <div>p. all cabling required for the devices;</div> <div>q. eight (8) USB Ports;</div> <div>r. any additional ports required to effectively operate the devices in a manner that satisfies all requirements throughout the SOR and its accompanying documents; and</div> <div>s. optionally:</div>					

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	<ul style="list-style-type: none"><li>i. FBI certified printer,</li><li>ii. laser printer at minimum 1200 DPI (FBI certification not required), and</li><li>iii. foot pedal to allow OLU/OLA hands-free capture of fingerprint image or photo.</li></ul>					
2.4 Cardscan						
2.4 Cardscan	<p>1. The Cardscan solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents:</p> <ul style="list-style-type: none"><li>a. FBI certified flatbed scanner with software capable of capturing Tenprint rolled images, palm images (upper, lower and writer's palms), plain images, ID Flat images, biometric consent images, facial images from hardcopy cards and photographs;</li><li>b. two (2), minimum 24 inch, Flat Screen Monitors with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio;</li><li>c. provided with Windows 10 Operating System (OS) as required by RCMP/GC/CPMG;</li><li>d. Uninterruptible Power Supply (UPS);</li><li>e. CPU with a minimum of an Intel® Core™ i7 processor at 3.4 GHz or equivalent;</li><li>f. 2 x 500GB SSD M.2 PCIE 3.0 (NVMe), RAID 1 mirrored hard drives;</li><li>g. minimum 16 GB of RAM;</li><li>h. Ethernet Port (RJ45 10/100/1000 Mbps);</li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>i. keyboard;</li><li>j. Scroll Mouse and corded/cordless mouse;</li><li>k. a smart card reader or USB easily accessible by the OLU/OLA to use a smart card or PKI token for two-factor authentication to establish a secure VPN.</li><li>l. all cabling required for the devices;</li><li>m. 8 USB Ports; and</li><li>n. any additional ports required to effectively operate the devices in a manner that satisfies all requires throughout the SOR and its accompanying documents; and</li><li>o. optionally:<ul style="list-style-type: none"><li>i. laser printer at minimum 1200 DPI (FBI certification not required), and</li><li>ii. with one monitor a touchscreen for the Cardscan application.</li></ul></li></ul>					
2.4.1 Cardscan Scanning Requirements						
2.4.1 Cardscan Scanning Requirements	1. The scanning system shall be capable of converting all C-216 fingerprint form formats into an electronic NIST packet.	(M)				
2.4.1 Cardscan Scanning Requirements	2. The scanning system shall be designed and configured in such a way that documents are protected from damage, loss or marking.	(M)				
2.4.1 Cardscan Scanning Requirements	3. The scanning system shall capture the document image, fingerprint images, palm images in a single pass that allows the fingerprints to be captured at 500 ppi.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.4.1 Cardscan Scanning Requirements	4. The document image must be displayed on one monitor and the data entry for the TOT on a separate monitor. This will allow the OLU to fully utilize the required Cardscan processing as described in Annex D.	(M)				
2.4.1 Cardscan Scanning Requirements	5. The fingerprint areas of fingerprint forms are particularly sensitive to damage or unnecessary marking. The Vendor's solution must ensure there is no damage to the forms.	(M)				
2.4.1 Cardscan Scanning Requirements	6. The scanning system shall be designed such that there is no loss of document integrity (e.g., scanning part of one document to another).	(M)				
2.4.1 Cardscan Scanning Requirements	7. The scanning system shall not alter the information provided on the original submission.	(M)				
2.4.1 Cardscan Scanning Requirements	8. The scanning system and its processes shall not damage or obscure information on the fingerprint form, in particular fingerprint impressions with any marking/label affixed or printed on the fingerprint forms.	(M)				
2.4.1 Cardscan Scanning Requirements	9. The scanning system shall provide whatever features required to adjust and capture the fingerprints regardless of their placement on the form, on the front side of the document or the back side of the document as well.	(M)				
2.4.1 Cardscan Scanning Requirements	10. The scanned fingerprint images and palm images shall conform to the scanned fingerprint form and not exceed the ANSI NIST-ITL-1-2011 maximum size dimensions.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.4.1 Cardscan Scanning Requirements	11. The scanning system must support operator adjustment of brightness and contrast and be able to display the scanner settings.	(M)				
2.4.1 Cardscan Scanning Requirements	12. For rolled/plain impressions, the scanning system shall capture and segment up to 14 fingerprint impressions from each fingerprint Submission, including, as a minimum, all 10 rolled impressions, both thumbs from the plain impressions and the two four-finger plain impressions.	(M)				
2.4.1 Cardscan Scanning Requirements	13. When a fingerprint form is prepared in the field, the correct fingerprint will be inked in each of 14 designated fingerprint blocks. The primary exception to this rule is a subject who is missing one or more fingers, or is unable to support the fingerprinting of one or more fingers for another sufficient reason (e.g., bandaged). In this case, the fingerprint form blocks corresponding to the missing finger(s) are marked ("Amputated" for amputation, or other reason) by the preparer. The scanning system must ignore these missing fingerprints and ensure no image is included in the NIST packet.	(M)				
2.4.1 Cardscan Scanning Requirements	14. In the rare event that a subject has more than 10 fingers, then the technician will select 10 fingers to be used in the NIST blocks and the entire form will be scanned at 500 ppi for preservation of the complete set.	(M)				
2.4.1 Cardscan Scanning Requirements	15. The scanning system shall capture images of all the fingerprint blocks present on the fingerprint form, that contain an impression. The scanning system shall report the missing digit(s), (amputated, bandaged or otherwise missing impressions) appropriately in the corresponding electronic Type 2 record, in accordance with the NPS-NIST External ICD.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.4.1 Cardscan Scanning Requirements	16. The scanning system shall provide for the capture of fingerprint blocks on the front of the form as well as the back.	(M)				
2.4.1 Cardscan Scanning Requirements	17. The scanning system must capture the fingerprint images from a hardcopy card within 30 seconds from the time the scan is initiated to the time the complete images scanned appear onscreen.	(M)				
2.4.1 Cardscan Scanning Requirements	18. The scanning system must capture each individual hand on a hardcopy palm card within 30 seconds from the time the scan is initiated to the time the complete palm images scanned appear onscreen.	(M)				
2.4.1 Cardscan Scanning Requirements	19. Based on the ten-print fingerprint form dimensions from the C-216, C-216R, C-216C, C-216C ID Flats and C-216I sample fingerprint forms (Appendix A - SOR Attachment A-1 Fingerprint Form), the scanning system shall provide default positions for each of the fingerprint NIST capture boxes as follows: a. rolled boxes shall coincide with the pre printed fingerprint form box; b. the left and lower margins of the left plain four finger box shall coincide with the left and lower margins of the pre printed box; c. the right and lower margins of the right plain four finger box shall coincide with the right and lower margins of the pre-printed box; d. the lower margin of each plain thumb impression box shall coincide with the lower margin of each pre printed box; e. each box shall be centered horizontally over its corresponding pre printed box; and	(M)				

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	f. the same default box positioning approach shall apply to fingerprint form types that are not covered by the referenced specification.					
2.4.1 Cardscan Scanning Requirements	20. The scanning system shall provide a means of repositioning NIST capture boxes over the associated fingerprint images that are partially out of the pre-printed box enabling the capture of as much fingerprint data as possible, even if some overlap with other box occurs.	(M)				
2.4.1 Cardscan Scanning Requirements	21. The scanning system must allow all the fields on the form to be filled as they apply to each Type Of Transaction (TOT).	(M)				
2.5 Standalone, Desktop, Cardscan Hard drives						
2.5 Standalone, Desktop, Cardscan Hard drives	1. The EFCD's Standalone, Desktop and Cardscan solution hard drives in each device must be configured to be a mirror of each other.	(M)				
2.5 Standalone, Desktop, Cardscan Hard drives	2. If one hard drive fails, the second hard drive must seamlessly become the primary drive.	(M)				
2.5 Standalone, Desktop, Cardscan Hard drives	3. Any failover to the second drive must be transparent to an OLU or OLA and not impede operations.	(M)				
2.5 Standalone, Desktop,	4. The operating system must be configured to alert the OLU or OLA of a drive failure.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Cardscan Hard drives						
2.6 Portable Livescan						
2.6 Portable Livescan	<div>1. The portable Livescan solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents:<div><div>a. fingerprint scanner block capable of capturing at 500ppi, Tenprint rolled, Plain, and ID Flat images or alternatively scanner block capable of capturing ID Flats only;</div><div>b. digital facial image capture system with 24 bit colour with built-in flash, or equivalent, that support all requirements stated in this RFSO and its accompanying documents;</div><div>c. fully adjustable telescoping/collapsible tripod to mount camera, five feet fully extended;</div><div>d. provided with Windows 10 Operating System (OS) as required by RCMP/GC/CPMG;</div><div>e. minimum 15 inch touch screen monitor;</div><div>f. lockable ruggedized travel case with:<div><div>i. retractable handle,</div><div>ii. polyurethane wheels with stainless steel bearings,</div><div>iii. fold down handles,</div><div>iv. stainless steel hardware and padlock protectors,</div><div>v. features that meet the International Electrotechnical Commission (IEC) Ingress Protection 6,7 (IP67) and IK08 standards,</div><div>vi. multi level configurable form inserts,</div></div></div></div></div>	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 2. D						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>vii. dimensions that conform to the airline definition of checked baggage,</div><div>viii. black in colour,</div><div>ix. case and foam inserts not to exceed 12 kgs.</div><div>g. ruggedized travel case for tripod if not accommodated within lockable ruggedized travel case;</div><div>h. CPU with a minimum of an Intel® Core™ i7 processor at 3.0 GHz or equivalent or faster;</div><div>i. 250GB SSD M.2 PCIE that supports:<div><div>i. protected B data that utilizes the RCMP/GC/CPMG approved corporate standard hard drive encryption software SecureDocs, Bit Locker or other RCMP/GC/CPMG approved encryption software,</div><div>ii. protected B data with the Vendor supplying the SecureDocs software, Bit Locker or other RCMP/GC/CPMG approved encryption software and license for each portable Livescan,</div><div>iii. SecureDocs, Bit Locker or other RCMP/GC/CPMG approved encryption software installed and fully operational by the Vendor, and</div><div>iv. the SecureDocs software, Bit Locker or other RCMP/GC/CPMG approved encryption software configured so that all digital storage of personal enrolment data is encrypted on an internal or external hard drive partition dedicated to this purpose when the laptop has been shut down.</div></div></div><div>j. minimum 8 GB of RAM;</div></div></div> <td></td> <td></td> <td></td> <td></td> <td></td>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>k. ethernet Port (RJ45 10/100/1000 Mbps);</li><li>l. keyboard;</li><li>m. scroll Mouse and corded/cordless mouse;</li><li>n. all cabling required for the devices;</li><li>o. six (6) USB Ports;</li><li>p. minimum 12 cell Lithium Laptop onboard battery that can operate independent of an external power source for a minimum of two (2) hours;</li><li>q. a built-in smart card reader, or the ability to use a PKI USB token, for two-factor authentication and to establish a secure VPN.</li><li>r. all cabling required for the device; and</li><li>s. any additional ports required to effectively operate the devices in a manner that satisfies all requirements throughout the SOR and its accompanying documents.</li></ul>					
2.6 Portable Livescan	<p>2. The lockable ruggedized travel case must include storage space for:</p> <ul style="list-style-type: none"><li>a. the laptop;</li><li>b. fingerprint scanner;</li><li>c. digital camera;</li><li>d. all cables; and</li><li>e. The fully contained travel case must not exceed 20 kilograms in weight.</li></ul>	(M)				
2.6 Portable Livescan	<p>3. The lockable ruggedized travel case should include storage space for a tripod.</p>	(R)				

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2.6 Portable Livescan	4. The Vendor should describe how their Portable Livescan, including laptop, scanner block and camera are assembled in an operational environment.	(R)				
2.6 Portable Livescan	5. It is preferred that Vendor has previously had a portable Livescan certified by the RCMP or at least operational for a client for a period of at least two years.	(R)				
2.7 SMTP-SPOI Server						
2.7 SMTP-SPOI Server	1. The SMTP / SPOI server solution must include at least the following minimum specifications beyond the requirements identified in the SOR and its accompanying documents: a. CPU with a minimum of an Intel XEON E5 with at least 4 cores at 4.0GHz or equivalent; b. be available in a rack form-factor with a maximum size of 1U (1.75") or tower model; c. provided with latest Windows server or Linux Operating System (OS) based on the Vendor's solution and as required by RCMP/GC/CPMG; d. Uninterruptible Power Supply (UPS); e. 2 x 500GB SSD M.2 PCIE 3.0 (NVMe), RAID 1 mirrored hard drives; f. minimum 16 GB of RAM; g. have an integrated dual-port RJ45 100/1000Base-T or integrated 10GSFP+ network interface adapter capable of fault tolerance (FT) and load balancing; h. all cabling required for the devices; i. 8 USB Ports;	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>j. include a SAS controller with sufficient ports supporting the maximum installable disk drives. Controller must have minimum support for RAID 0, 1, 5 and 6 (double-parity) with 256MB of ECC (BBWC) Battery-Backed-Write-Cache;</p> <p>k. have one (1) management port. A serial port or NIC port may be used for this function. If a NIC port is used, it must in addition to other NICs identified in this list;</p> <p>l. have a minimum of two (2) hot-swap / hot plug power supplies one of which must be redundant;</p> <p>m. any failover to the new drive must be transparent and not impede operations;</p> <p>n. the operating system must be configured to alert the OLU or OLA of a drive failure;</p> <p>o. support 110 to 125 VAC or 200 to 240 VAC @ 50Hz &amp; 60Hz;</p> <p>p. provide hot-swap / hot-plug redundant cooling fans. These fans are in addition to the power supply fans and any CPU fans (if offered). These fans must either be constantly operational or thermostatically controlled;</p> <p>q. provide sufficient cooling to permit full density rack mounting (without spacing);</p> <p>r. support for server temperature sensor and alarm capability when the temperature of the server becomes too high;</p> <p>s. support for electrical power sensor and alarm capability when the power signature becomes out of specification;</p> <p>u. any additional ports required to effectively operate the devices in a manner that satisfies all requires throughout the SOR and its accompanying documents; and</p>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	v. optionally: <ul style="list-style-type: none"> <li>i. 24 inch Flat Screen Monitor with a maximum resolution of 1920 x 1200 with a 16:10 (8:5) aspect ratio, preferably for rack mount,</li> <li>ii. Keyboard, preferably for rack mount,</li> <li>iii. Scroll Mouse and corded/cordless mouse, preferably for rack mount,</li> <li>iv. Laser printer at minimum 1200 DPI (FBI certification not required)</li> <li>v. support SAN connectivity using multiple Host Bus Adapters (HBAs) each capable of four (4) Gbps (supplied as required).</li> </ul>					
2.7 SMTP-SPOI Server	2. The SMTP-SPOI servers that are rack mounted versus tower model must be identified.	(M)				
2.8 EFCD and SMTP-SPOI Vendor Configuration						
2.8 EFCD and SMTP-SPOI Vendor Configuration	1. Each EFCD and/or SMTP-SPOI server must be configured before deploying to various sites. This configuration must include all components fully configured and operational with either default ORIs or specifically assigned ORIs as well as all other configurable parameters assigned based on the RCMP/GC/CPMG procurement (i.e. Callup) such as outgoing mail address and incoming mail address, ORI to be used in the creation of the DCN and TCN, and IP address.	(M)				
2.8 EFCD and SMTP-SPOI Vendor Configuration	2. All configurable parameters identified in Section 6 Configurable Parameters and throughout the SOR and its accompanying documents, identified as modifiable by the OLA must be available	(M)				

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	to the OLA to modify as required to change the Vendor configuration.					
2.8 EFCD and SMTP-SPOI Vendor Configuration	3. The EFCD and/or SMTP-SPOI server must have a graphical user interface available to configure/re-configure the device to be fully operational in whatever environment the device is operational, based on the Annex A architecture.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>3.1 Purpose</b>						
3.1 Purpose	1. This section describes the detailed technical requirements for various EFCD and SMTP-SPOI components and capabilities.	(I)				
<b>3.2 COTS Compliance</b>						
3.2 COTS Compliance	1. The EFCD solutions must be a Commercial Off-the-Shelf (COTS) software product.	(M)				
3.2 COTS Compliance	2. The EFCD solutions to the greatest extent possible should satisfy the all EFCD solution requirements as stated throughout the SOR and its accompanying documents without any further functional changes.	(R)				
3.2 COTS Compliance	3. This COTS product must be customizable to modify, extend, expand and/or introduce new functionality to the COTS product to	(M)				

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	support the RCMP/GC/CPMG requirements (i.e. build upon the COTS product to support the RCMP/GC/CPMG requirements).					
3.2 COTS Compliance	4. This COTS product must be configurable to support changes or additions made to the base set of data values of the COTS product to reflect the requirements of the RCMP/GC/CPMG.	(M)				
3.2 COTS Compliance	5. These application configuration changes (i.e., configurable parameters) should not include modifying existing or adding new, programming code, or changing the application architecture or data structure.	(R)				
3.2 COTS Compliance	6. The Vendor should describe in detail its strategy for implementing RCMP/GC/CPMG future requirements as the EFCD baseline evolves over the life of the contract addressing the extent to which it will include custom features into its COTS product and to what extent that the Vendor's strategy will minimize disruption in terms of availability if RCMP chooses to implement an upgrade.	(R)				
3.3 DCN 4-Digit Sequential Number						
3.3 DCN 4-Digit Sequential Number	1. The Document Control Number is used to uniquely identify and track a particular submission throughout its lifetime. The structure of the DCN is defined in Tag 2.800 of the NPS-NIST-ICD Version 1.7.8 Rev 1.6. The 4-digit sequential number is user/system-defined to support uniqueness. The DCN External Flag value must be used to create additional unique DCNs if all unique DCNs for a single day have been used. Refer to NPS-NIST-ICD Version 1.7.8 Rev 1.6 for details.	(I)				
3.3 DCN 4-Digit Sequential Number	2. The RCMP might only supply each agency with one Originating Agency Identifier (OAI) (aka ORI); therefore, if an agency has multiple devices behind a server, the agency's transactions will be	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	from the same OAI. Agencies with more than five (5) EFCDs need to employ an SMTP-SPOI server configuration.					
3.3 DCN 4-Digit Sequential Number	<p>3. For agencies with five (5) or less EFCDs that do not employ an SMTP-SPOI server. The EFCDs must be capable of being configured to use two (2) digits of the 4-digit DCN sequential number as a device identifier to allow each EFCD to submit unique DCNs.</p> <p>a. the first two digits of the (nnnn) number will represent a static number which will be agency assigned to an individual EFCD such as 01 and 02, etc. The third and fourth digits will be sequentially generated per transaction and will represent a range of 00 to 99. The next sequential number after 99 will be 00. The DCN External Flag value must be used to create additional unique DCNs if all unique DCNs for a single day have been used. Refer to NPS-NIST-ICD Version 1.7.8 Rev 1.6 for details;</p> <p>b. this approach assumes that any given device will not create in excess of 400 transactions in a 24-hour day. The sequential number (nnnn) will eventually repeat however the Julian Date will change thereby ensuring uniqueness of the DCN;</p> <p>c. in this scenario, each EFCD must also be configurable with a TCN that ensures the TCNs are unique for each device; and</p> <p>d. all other requirements throughout the SOR and its accompanying documents must be satisfied (e.g., resubmissions using the same DCN and new TCN).</p>	(M)				
3.3 DCN 4-Digit Sequential Number	4. In addition to the option stated above, the EFCDs must be capable of being configured as follows for agencies with five (5) or less EFCDs that do not employ an SMTP-SPOI server:	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	a. the EFCDs must be capable of supporting a configurable start and end DCN range which will be used in sequential portion of the DCN as a counter to create unique DCN on the EFCD; and b. upon reaching the DCN Range End value, the sequential number will reset to the DCN Range Start value.					
3.4 Magnetic Stripe Reader and 2D Barcode Scanner						
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	1. Canadian driver's licenses contain personal information in a format that is decipherable by use of a magnetic stripe and 2D barcode scanners. The AAMVA Standard has been incorporated by many U.S. States and Canadian provinces in the production of driver's licenses. Canadian provinces utilize various methods to embed their driver's licenses with machine readable information elements. Machine readable elements are described as follows:	(I)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	2. The magnetic stripe must support tracks 1, 2 and 3.	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	3. The 2D Barcode reader must support Portable Data File 417 (PDF417).	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	4. For the purpose of this document and the SOR, the above two formats will be referred to as either magnetic stripe or 2D barcodes.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	5. Most Canadian provinces have incorporated machine readable magnetic stripe or 2D barcodes into their driver licenses.	(I)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	6. The magnetic stripe / 2D barcode scanner must support reading cards from all Canadian provinces.	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	7. The magnetic stripe / 2D barcode scanner should effectively read cards from all Canadian provinces.	(R)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	8. The magnetic stripe and 2D barcode reader functionality must be integrated and supported by one device.	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	9. The magnetic stripe and 2D barcode reader must be connected to the EFCD by a USB cable of appropriate length that allows the scanner to be effectively and efficiently used by the OLU.	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	10. The magnetic stripe and 2D barcode reader must be compatible with the EFCD, its operating system and related components to satisfy all the magnetic stripe and 2D barcode reader requirements stated throughout the SOR and its accompanying documents.	(M)				
3.4 Magnetic Stripe Reader	11. The magnetic stripe and 2D barcode reader must have maximum dimensions of 5 inch height x 4 inch width x 7 inch depth.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
and 2D Barcode Scanner						
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	12. The magnetic stripe and 2D barcode reader must extract the following data (Table 1: Information Extracted from Barcode) from the driver license magnetic stripe or 2D barcode and populate the appropriate NIST tags onscreen automatically with correctly formatted data as per the NPS-NIST-ICD 1.7.8 Rev1.6, if the data is available on the card.  Table 1: Information Extracted from Barcode	(M)				
3.4 Magnetic Stripe Reader and 2D Barcode Scanner	13. The EFCD must accurately populate the screen data fields with the data extracted from the driver's license magnetic stripe or 2D barcode within a maximum of five (5) seconds from the time the card is swiped or read to the time the all data appears onscreen.	(M)				
<b>3.5 EFCD Instructional Mode</b>						
3.5 EFCD Instructional Mode	1. In order to facilitate EFCD training, the Vendor's EFCDsmust have the concept of an instructional mode. This will allow a user to familiarize themselves with the screens, functionality, enrolments etc. without the fear that the transactions will be released to production when the EFCD is connected to the network.	(M)				
3.5 EFCD Instructional Mode	2. The EFCD must create CARY, CARN, REF, MAP or IMM transactions (when IMM is available) in an instructional mode.	(M)				
3.5 EFCD Instructional Mode	3. The EFCD GUI must visually display onscreen to the OLU, on every screen of the enrolment process, that the EFCD is in instructional mode.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.5 EFCD Instructional Mode	4. The EFCD must provide the user the option to easily access the instructional mode through a separate instructional mode login button to enter instructional mode or similar action.	(M)				
3.5 EFCD Instructional Mode	5. It is preferred that the EFCD's instructional mode method is controlled through the user management system defining a user with only instructional mode privileges to prevent the user from creating transactions that are submitted to production. Once the user is proficient with the EFCD, the user management system would be used to allow the individual full OLU privileges.	(R)				
3.5 EFCD Instructional Mode	6. The instructional EFCD workflow menu must present the OLU the same menu of workflow options as in the operational mode.	(M)				
3.5 EFCD Instructional Mode	7. The instructional mode must provide the user with the full operational mode workflow to create a CARY, CARN, REF, MAP or IMM transaction (when IMM is available).	(M)				
3.5 EFCD Instructional Mode	8. The EFCD must provide in the instructional mode the same data capture, fingerprint and palm image capture, facial image capture functionality as the operational mode.	(M)				
3.5 EFCD Instructional Mode	9. The EFCD operating in the instructional mode must generate a temporary DCN and TCN for the purposes of the creation of a transaction.	(M)				
3.5 EFCD Instructional Mode	10. The EFCD operating in the instructional mode must perform all field edits as per operational mode field edits.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.5 EFCD Instructional Mode	11. Upon successful completion of the instructional transaction, the EFCD must store up to a maximum of ten (10) instructional transactions then automatically delete the oldest.	(M)				
3.5 EFCD Instructional Mode	12. The EFCD must not display or allow access to instructional mode transactions while in operational mode or operational transactions while in instructional mode.	(M)				
3.5 EFCD Instructional Mode	13. While in instructional mode, the EFCD must allow a user to print a fully populated C-216, C-216R, C-216C or C-216C ID Flats fingerprint form with any overflow pages, Palm prints, Third Party Waivers, Vulnerable Sector Consents and facial images.	(M)				
3.5 EFCD Instructional Mode	14. The DCN/TCN sequential numbering of operational transactions must not be affected by the instructional mode.	(M)				
3.5 EFCD Instructional Mode	15. The EFCD must allow a guest user to be defined as instructional mode to allow operational OLU users to temporarily login as a guest user in instructional mode to practice processing various TOTs to refresh their understanding.	(M)				
3.5 EFCD Instructional Mode	16. The EFCD must not allow a transaction created in instructional mode to be submitted to the RTID System.	(M)				
3.5 EFCD Instructional Mode	17. The EFCD instructional mode implementation should effectively and efficiently allow the user to learn how to use the EFCD.	(R)				
3.5 EFCD Instructional Mode	18. The Vendor's EFCD should clearly and distinctly alert the OLU that they are in the Instructional mode.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.6 Online Help						
3.6 Online Help	1. The EFCD must provide an online help feature that provides the OLU/OLA with the ability to research processes and functionality issues regarding the use of the EFCD.	(M)				
3.6 Online Help	2. Help files must be available in Canadian English or Canadian French based on the OLU selected language profile.	(M)				
3.6 Online Help	3. Help files must be available at the individual screen and field level.	(M)				
3.6 Online Help	4. Help files must be designed in an intuitive format to provide the user the correct application information being sought.	(M)				
3.6 Online Help	5. The Online Help feature must have the following elements: a. an index search; b. a glossary search; c. a content search; and d. an explanation of the menu command, button bar, and keystrokes.	(M)				
3.6 Online Help	6. The Online Help must be similar in functionality to applications such as Windows® or Microsoft Office help, which includes: a. available at any time; and b. available at the individual screen and field level.	(M)				
3.6 Online Help	7. The EFCD should provide icon(s) in the bottom right portion of the screen to allow the readiness of each component (e.g., scanner, camera) to be checked by the OLU.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>3.7 EFCD Printer Requirements</b>						
3.7 EFCD Printer Requirements	1. The EFCD must allow the OLU/OLA to print fingerprint cards and associated overflow pages, Palm prints, Third Party Waivers or Vulnerable Consent forms and logs generated by the EFCD. The EFCD will also need to print response or error messages received from the RCMP and also the FBI, as well as print a facial image captured by the EFCD for file purposes.	(M)				
3.7 EFCD Printer Requirements	2. The Vendor must provide an FBI certified printer that supports all the printing requirements throughout the SOR and its accompanying documents for all Vendor Livescans.	(M)				
3.7 EFCD Printer Requirements	3. The Vendor must provide a laser printer that supports all the printing requirements throughout the SOR and its accompanying documents for all Vendor EFCDs, except requirements to print C-216 forms on FBI certified printers.	(M)				
3.7 EFCD Printer Requirements	4. The Vendor's provided FBI certified printer must have the functionality to print a fingerprint card, as stated throughout the SOR and its accompanying document, with properly formatted fingerprint images and Type-2 data on a system generated equivalent of a RCMP Fingerprint Form C-216, C-216R or C-216C. Refer to SOR Attachment A-1 Fingerprint Form for sample RCMP C-216, C-216R, C-216C, C-216C ID Flats and C-216I forms.	(M)				
3.7 EFCD Printer Requirements	5. The EFCD must also be able to print an IMM (when available) in a format as close as possible to a C-216C ID Flats form (e.g. C-216I for IMM) with consideration for the different fields that are included in the IMM TOT versus the MAP TOT.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.7 EFCD Printer Requirements	6. The EFCD printers must be capable of printing screen shots, reports, log files, fingerprint cards, overflow pages, segmented ID Flats and palm images at a minimum of 1200 DPI.	(M)				
3.7 EFCD Printer Requirements	7. The EFCD printers must support the printing of properly formatted SREs, and ERRTs.	(M)				
3.7 EFCD Printer Requirements	8. The EFCD printers must support printing when they are connected to a network and the EFCD printers must be network connectable.	(M)				
3.7 EFCD Printer Requirements	9. The EFCD's directly connected printer must be connected through a USB cable no shorter in length than three (3) metres.	(M)				
3.7 EFCD Printer Requirements	10. The EFCD printers must support auto feed functionality when a print job is received.	(M)				
3.7 EFCD Printer Requirements	11. The EFCD printers must have a minimum of two (2) paper trays with: a. one paper tray that will support 8.5 X 11 inch plain bond paper (for printing of SRE, ERRT, Third Part Waiver, Vulnerable Sector Consent or Logs etc.); and b. one paper tray that will support 8.5 x 14 inch plain bond paper (for printing of the RCMP Fingerprint form C-216, C-216R, C-216C, or C-216C ID Flats, palm prints and any overflow pages).	(M)				
3.7 EFCD Printer Requirements	12. The EFCD printers must auto select the appropriate paper size tray based on the print job received.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.7 EFCD Printer Requirements	13. The EFCD printers must, when such a print job is received, generate a fully populated (data and fingerprint images) RCMP fingerprint forms on 8.5 X 14 inch plain bond paper.	(M)				
3.7 EFCD Printer Requirements	14. The Vendor must configure their EFCD to properly print the following documents: a. form C-216 and any associated overflow pages; b. form C-216C and any associated overflow pages; c. form C-216R and any associated overflow pages; d. form C-216IDFlats and any associated overflow pages; e. Vulnerable Sector form "Consent to Release Information" (Bilingual format); f. Third Party Waiver form "Consent to Release Information". (Bilingual format);	(M)				
3.7 EFCD Printer Requirements	15. The EFCD must only allow print jobs created and associated to a specific transaction to be presented to the OLU for printing.	(M)				
3.7 EFCD Printer Requirements	16. The printed fingerprint images must be a true representation of the originally captured finger images without any significant loss of detail.	(M)				
3.7 EFCD Printer Requirements	17. The printed C-216, C-216R, C-216C or C-216C ID Flats forms must contain the literal missing fingerprint image reason in the space allocated to that particular missing finger.	(M)				
3.7 EFCD Printer Requirements	18. The printed fingerprint form must display all data inserted into the correct fields on the form within the space allotted.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.7 EFCD Printer Requirements	19. The Livescan must, for CARY transactions: a. print the first criminal charge on the face of the C-216; and b. print any additional charges on an overflow page.	(M)				
3.7 EFCD Printer Requirements	20. The EFCD must print extra data elements not captured on the fingerprint form onto an overflow 8.5 X14 inch plain bond paper.	(M)				
3.7 EFCD Printer Requirements	21. The DCN, subject surname and Given 1, if provided, along with the date of birth must be printed on the fingerprint form and all associated overflow pages.	(M)				
3.7 EFCD Printer Requirements	22. Each data element printed on an overflow page must be preceded by the literal tag name.	(M)				
3.7 EFCD Printer Requirements	23. Each overflow page must be sequentially numbered with the fingerprint form being page 1 of X and the first overflow page being page 2 of X where X is the total number of pages.	(M)				
3.7 EFCD Printer Requirements	24. Extra data elements that must be printed may include, but not limited to, additional charges, multiple alias's, override reasons, International or FBI search requests etc.	(M)				
3.7 EFCD Printer Requirements	25. The EFCD must allow an OLU to print a Type-10 facial image associated to a transaction.	(M)				
3.7 EFCD Printer Requirements	26. The EFCD must print the Type-10 record on 8.5. X 11 inch plain bond paper when such a print job is received.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.7 EFCD Printer Requirements	27. The EFCD must print the Type-10 facial image using the configurable size of the image along with the associated DCN, Surname and Given 1, if provided, and date of birth.	(M)				
3.7 EFCD Printer Requirements	28. The EFCD printers must print a SRE or ERRT on 8.5 X 11 inch plain bond paper when such a print job is received.	(M)				
3.7 EFCD Printer Requirements	29. The EFCD must insert a proper page break when the print job exceeds one page.	(M)				
3.7 EFCD Printer Requirements	30. The EFCD printers must print a fingerprint form and facial image, at their proposed powered up and ready printer, within 60 seconds or less of receiving the print job at the printer to the time the job is printed. Time will be calculated from the moment the printer indicates by blinking light or other means that the print job has been received to when the printed page is completely in the paper tray.	(M)				
3.7 EFCD Printer Requirements	31. If the quality is not acceptable to the RCMP/GC/CPMG, the Vendor must provide an alternative FBI certified printer that is satisfactory to the RCMP at no additional charge.	(M)				
3.8 SMTP-SPOI EFCD Printer Requirements						
3.8 SMTP-SPOI EFCD Printer Requirements	1. The SMTP-SPOI printers must support the printing of properly formatted SREs, and ERRTs on 8.5 X 11 inch paper.	(M)				
3.8 SMTP-SPOI EFCD Printer Requirements	2. The SMTP-SPOI printers must support the printing to a local, directly connected printer or a network printer.	(M)				

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3.9 SMTP-SPOI Detailed Requirements						
3.9 SMTP-SPOI Detailed Requirements	1. The SMTP-SPOI Server must receive electronic messages with attached NIST packets from the internal devices it services.	(M)				
3.9 SMTP-SPOI Detailed Requirements	2. The SMTP-SPOI Server must log all messages as they flow through.	(M)				
3.9 SMTP-SPOI Detailed Requirements	3. The SMTP-SPOI Server must transmit electronic messages with attached NIST packets received from internal EFCDs to the RCMP.	(M)				
3.9 SMTP-SPOI Detailed Requirements	4. The SMTP-SPOI Server must receive electronic messages with attached NIST packets from the RCMP and allow retrieval by the originating internal device.	(M)				
3.9 SMTP-SPOI Detailed Requirements	5. The SMTP-SPOI Server must be capable of create DCNs and TCNs for all EFCDs to allow the server to act as a SPOI for an agency with all DCNs and TCNs created under a single ORI.					
3.9.1 SMTP-SPOI Server Transaction capacity						
3.9.1 SMTP-SPOI Server Transaction capacity	1. The SMTP-SPOI Server daily capacity throughput requirements vary from client to client. Table 2 – SMTP-SPOI Server Capacity Models has been established to define the various daily throughput capacities that must be met for various models that will allow a client to select a SMTP-SPOI Server which best meets their requirements.	(M)				

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3.9.1 SMTP-SPOI Server Transaction capacity	2. The Vendor must provide and execute a test script capable of validating the required total daily throughput levels of each model of server. Table 2 – SMTP-SPOI Server Capacity Models	(M)				
<b>3.9.2 SMTP-SPOI Server Case Management</b>						
3.9.2 SMTP-SPOI Server Case Management	1. The SMTP-SPOI Server must also have a transaction case management component that will manage all transactions it receives from internal devices and also transactions from the RTID System.	(M)				
3.9.2 SMTP-SPOI Server Case Management	2. The Case Manager GUI must, at a minimum, capture and display the DCN, TCN, NAME, DATE, and STATUS of the transaction.	(M)				
3.9.2 SMTP-SPOI Server Case Management	3. The Case Manager must provide the OLU and OLA a graphical user interface (GUI) to display all transactions with their current status and search results.	(M)				
3.9.2 SMTP-SPOI Server Case Management	4. The Case Manager must not allow any edits to the NIST packet.	(M)				
3.9.2 SMTP-SPOI Server Case Management	5. The Case Manager must read the inbound transactions from the EFCD or RTID System to compile key information for population of the Case Manager Graphical User Interface (GUI).	(M)				

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3.9.2 SMTP-SPOI Server Case Management	6. The Case Manager GUI must have the capability to capture and display up to two SRE's upon receipt for the same DCN such as RCMP/FBI SRE's.	(M)				
3.9.2 SMTP-SPOI Server Case Management	7. The Case Manager must log all transactions as they flow through the SMTP-SPOI Server.	(M)				
3.9.2 SMTP-SPOI Server Case Management	8. The Case Manager must pass transactions received from the RTID System to the appropriate originating internal device.	(M)				
3.9.2 SMTP-SPOI Server Case Management	9. The SMTP-SPOI Server should provide the user with the option (configurable parameter) to stop, read and print search responses from the RTID System without automatically forwarding to the originating EFCD; and then manually forward.	(R)				
3.9.2 SMTP-SPOI Server Case Management	10. The Case Manager must present each transaction using the column headings identified for the Transaction Manager in Annex D.	(M)				
3.9.2 SMTP-SPOI Server Case Management	11. The Case Manager must allow an OLU to sort any column in ascending or descending order.	(M)				
3.9.2 SMTP-SPOI Server	12. The status of a transaction must change when an ACKT or SRE or ERRT is received from the RTID System.	(M)				

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Case Management						
3.9.2 SMTP-SPOI Server Case Management	13. The Case Manager must allow the OLU to select the search response result by one click of the mouse and open the response message.	(M)				
3.9.2 SMTP-SPOI Server Case Management	14. The response message must be displayed onscreen to the OLU with the literal translation of the salient tags in user readable easy to understand format.	(M)				
3.9.2 SMTP-SPOI Server Case Management	15. The minimum salient tags headings for GUI display and population of an ERRT must include: a. Type of Transaction; b. Date of Transaction; c. Transaction Control Number; d. Document Control Number; e. Transaction Control Reference; and f. Error.	(M)				
3.9.2 SMTP-SPOI Server Case Management	16. The minimum salient tag headings for GUI display and population of a SRE must include: a. Type of Transaction; b. Date of Transaction; c. Priority; d. Transaction Control Number; e. Document Control Number;	(M)				

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	f. Transaction Control Reference; g. Narrative Message; h. Application Type Specify; i. Application Type; j. RCMP Search Results; k. External ICD Version Number; l. Effective Search Date; and m. Submission Surname and Given 1 (If positive hit).					
3.9.2 SMTP-SPOI Server Case Management	17. The Case Manager must have the ability to print any response message as displayed onscreen and in a user readable format.	(M)				
3.9.2 SMTP-SPOI Server Case Management	18. The Case Manager must retain all transactions for an OLA configurable period of time after the transaction has been completed.	(M)				
3.9.2 SMTP-SPOI Server Case Management	19. The Case Manager must allow an OLA to delete a transaction.	(M)				
3.9.2 SMTP-SPOI Server Case Management	20. The Case Manager should have automated controls to prevent an OLA from deleting an active transaction in a proper state. The Vendor should describe the business rules applied to the delete transaction.	(R)				
3.9.2 SMTP-SPOI Server	21. The Case Manager must not allow transaction information to be modified or any associated files.	(M)				

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Case Management						
3.9.2 SMTP-SPOI Server Case Management	22. The Case Manager must present the OLU/OLA a GUI search capability to search for a particular transaction or transactions within the server.	(M)				
3.9.2 SMTP-SPOI Server Case Management	23. The Case Manager GUI search capability must include at least search by Name, DCN, TCN, Originating Agency Identifier, or a date range.	(M)				
3.10 SMTP / POP Message Requirements						
3.10 SMTP / POP Message Requirements	1. The Vendor's EFCD and SMTP-SPOI Server must support the requirements as stated in the NPS-NIST Message Guidelines to ensure effective communication with the EFCD and SMTP-SPOI Server.	(M)				
3.10 SMTP / POP Message Requirements	2. The EFCD or SMTP-SPOI Server must manage the responses received from the RCMP NIST Server.	(M)				
3.10 SMTP / POP Message Requirements	3. The EFCD or SMTP-SPOI Server must include the SMTP/POP mail service software with the associated licenses.	(M)				
3.10 SMTP / POP Message Requirements	4. The SMTP/POP mail service software must be included under the EFCD and SMTP-SPOI Server warranty and any period of extended maintenance.	(M)				

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3.10 SMTP / POP Message Requirements	5. An agency may elect to install an SMTP mail service to send/receive the NIST file rather than utilize the EFCD email service	(I)				
3.10 SMTP / POP Message Requirements	6. If an agency elects to install an SMTP mail service, the EFCD must support submitting to the RTID System through the agency's email service and retrieving responses from the agency's email service as well as configuring the email addresses to support this interface.	(M)				
<b>3.11 EFCD Offline Work</b>						
3.11 EFCD Offline Work	1. The EFCD must have the functionality to work off-line in the event of a communication failure or the unavailability of the target system.	(M)				
3.11 EFCD Offline Work	2. The EFCD must have the functionality to work off-line continuing to capture all required information for a transaction such as Type-2 data, Type-4 or Type-14 fingerprint images, Type-15 palms images and Type-10.	(M)				
3.11 EFCD Offline Work	3. The EFCD / SMTP-SPOI Server must transmit all new transactions to the RCMP NIST Server once a secure connection is established.	(M)				
3.11 EFCD Offline Work	4. If the RTID System is unavailable, the EFCD / SMTP-SPOI Server must attempt to connect on every five (5) minutes to deliver to the RTID System until delivery is successful.	(M)				
3.11 EFCD Offline Work	5. The EFCD / SMTP-SPOI Server should have a configurable parameter that the OLA can change to set the wait time, when attempting to connect, when the RTID System is not available.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.11 EFCD Offline Work	6. The EFCD / SMTP-SPOI Server must have the functionality to work off-line and store a minimum of five (5) hundred undelivered transactions.	(M)				
3.11 EFCD Offline Work	7. If the EFCD / SMTP-SPOI Server is disconnected from the network prior to transmission of any transactions, the EFCD / SMTP-SPOI Server must begin transmission of all previously failed transactions within 2 minutes upon its next successful connection to the RTID System.	(M)				
3.12 Federal Statutes Table functions and Features						
3.12 Federal Statutes Table functions and Features	1. The RCMP maintains a Federal Statutes Table centrally that reflects current Canadian statutes and associated charges. The Federal Statutes Table is amended periodically to reflect the new charges, section number amendments and expired charges. For this reason, the Federal Statutes Table must be updated at the EFCD when amendments to legislation are made.	(M)				
3.12 Federal Statutes Table functions and Features	2. The Vendor's base model EFCD should adhere to the Federal Statutes Table workflow functionality described in the Best Practices (BP) for the Capture of Charge Information In Support Of NPS-NIST-ICD V1.7.8 Rev 1.6 (note: some BP requirements are superseded herein).	(R)				
3.12 Federal Statutes Table functions and Features	3. The Vendor's EFCD for criminal transactions must fully support the receipt, processing and integration of the Federal Statutes Table into their criminal CARY workflow.	(M)				
3.12 Federal Statutes Table	4. The Vendor's base model EFCD for criminal transactions should fully support the receipt, processing and integration of the Federal	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
functions and Features	Statutes Table into their criminal CARY workflow (note: some BP requirements are superseded herein).					
3.12 Federal Statutes Table functions and Features	5. The Vendor should describe how their EFCD Federal Statutes Table update would be completed and how the version number will be displayed to show how effectively and efficiently the Federal Statutes Table is updated preferably in an automated manner.	(R)				
3.12 Federal Statutes Table functions and Features	6. The Vendor should describe the procedures to fully recover to the previous version of the Federal Statutes Table in the event of an update failure.	(R)				
3.12 Federal Statutes Table functions and Features	7. The Federal Statutes Table will be provided to the Vendors and agencies in a delimited text file format.	(I)				
3.12 Federal Statutes Table functions and Features	8. The Vendor must install the latest Federal Statutes Table and set the Federal Statutes Table Version number (Tag 2.831) to represent the new Federal Statutes Table version upon initial installation.	(M)				
3.12 Federal Statutes Table functions and Features	9. The EFCD must have a GUI function that will allow an OLA to install a new version of the Federal Statutes Table from an external medium such as USB storage drive.	(M)				
3.12 Federal Statutes Table functions and Features	10. The EFCD must force an OLA to update the Federal Statutes Table Version number when a new Federal Statutes Table has been received (Tag 2.831).	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.12 Federal Statutes Table functions and Features	11. The EFCD must display onscreen the Federal Statutes Table version.	(M)				
3.12 Federal Statutes Table functions and Features	12. The EFCD must allow the OLU to select charges by a context sensitive search by a charge section number or charge section wording.	(M)				
3.12 Federal Statutes Table functions and Features	13. The EFCD must not add additional attributes to the Federal Statutes Table.	(M)				
3.12 Federal Statutes Table functions and Features	14. If additional attributes are required by the EFCD, then these attributes and how they have been implemented should be explained so there is no impact on the Federal Statutes Table.	(R)				
3.12 Federal Statutes Table functions and Features	15. If additional attributes are required by the EFCD, then it is suggested that a separate and distinct table that points to some or all Federal Statutes Table entries be implemented. This contributor-specific table might then be used to further drill-down on Federal Statutes Table wordings, where deemed appropriate (e.g., for municipal or local statistical purposes). This contributor-specific table might also be used to add any additional entries that the contributor might wish to include to support its own local requirements.	(I)				
3.12 Federal Statutes Table	16. If additional attributes are required by the EFCD, then these additional attributes that contain non-RTID related information	(M)				

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functions and Features	that is not sent to the RTID system must remain under the full control of the agency.					
<b>3.13 Transaction Logging / Audit Trail</b>						
3.13 Transaction Logging / Audit Trail	1. The purpose of a Transaction Log / Audit Trail is to retain an administrative record of the processing history of a transaction and actions by users.	(I)				
3.13 Transaction Logging / Audit Trail	2. The EFCD / SMTP-SPOI Server shall record when, where and why, whatever happened and by whom, related to any request processed on the EFCD / SMTP-SPOI Server.	(M)				
3.13 Transaction Logging / Audit Trail	3. The EFCD / SMTP-SPOI Server shall implement audit trails for all successful and unsuccessful access logins.	(M)				
3.13 Transaction Logging / Audit Trail	4. The EFCD/SMTP Server must, in an automated fashion, log all outgoing and incoming transactions and activity performed by the OLU and OLA.	(M)				
3.13 Transaction Logging / Audit Trail	5. The EFCD / SMTP-SPOI Server should have the capability of auditing the following resources: a. User; b. Transaction; c. File; d. Field within a transaction; and e. System interfaces.	(R)				

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3.13 Transaction Logging / Audit Trail	6. The EFCD / SMTP-SPOI Server shall have user authorization for controlling access to the following resources: a. Programs; b. Data; c. Functions; d. Options; and e. Parameters.	(M)				
3.13 Transaction Logging / Audit Trail	7. The EFCD / SMTP-SPOI Server shall have an audit trail, for each user, that identifies the following: a. user; b. date, time and type of access to the resource; and c. whether the access to the resource was successful or unsuccessful.	(M)				
3.13 Transaction Logging / Audit Trail	8. The EFCD / SMTP-SPOI Server shall implement security measures on all audit trails generated by the System. The audit trail logs shall be tamperproof.	(M)				
3.13 Transaction Logging / Audit Trail	9. The audit trail is considered tamperproof if the System includes the following three key elements: a. the System has the application writing to the audit log(s) in a verifiable manner. b. the System has access to the audit log(s) restricted to an authorized trusted person (i.e. Administrator or Security Officer). Access to audit logs will be configured at the operating system level for the following policy: Access by an Administrator	(I)				

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	operating under super user rights, limited to read only for the audit.					
3.13 Transaction Logging / Audit Trail	10. The EFCD / SMTP-SPOI Server must retain the Transaction /Audit Log entries for a period of time after the transaction has been completed and this time must configurable by the OLA. The default must be 180 days.	(M)				
<b>3.14 Transaction Deletion</b>						
3.14 Transaction Deletion	1. The EFCD / SMTP-SPOI Server must have manual and auto transaction deletion functionality.	(M)				
3.14 Transaction Deletion	2. The auto transaction delete time must be a configurable parameter that can be changed by the OLA. The number of days set to "0", means the transactions will not be deleted.	(M)				
3.14 Transaction Deletion	3. The EFCD / SMTP-SPOI Server must only allow an authorized OLU/OLA to manually delete transactions.	(M)				
3.14 Transaction Deletion	4. The EFCD / SMTP-SPOI Server must only allow an OLA to set the number of days after which the transaction(s) will be automatically deleted.	(M)				
3.14 Transaction Deletion	5. The EFCD / SMTP-SPOI Server delete rules are the same as the EFCD transactions delete rules. Refer to Annex D for the transaction delete rules identifying the TOT states when a delete transaction is allowed.	(M)				
3.14 Transaction Deletion	6. The EFCD/SMTP Server delete function must perform the following:	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>a. completely remove the transaction from the main transaction display screen;</li> <li>b. completely remove all Type-2 data relative to the transaction from any files, folders or other directories on the hard drive;</li> <li>c. completely remove all Type-4 images relative to the transaction from any files, folders or other directories on the hard drive;</li> <li>d. completely remove all Type-10 images relative to the transaction from any files, folders or other directories on the hard drive;</li> <li>e. completely remove all Type-14 images relative to the transaction from any files, folders or other directories on the hard drive;</li> <li>f. completely remove all Type-15 images relative to the transaction from any files, folders or other directories on the hard drive;</li> <li>g. completely remove all Type-2 data from any logs; and</li> <li>h. completely remove any ACKT's, SRE's or ERRT's associated to deleted transactions.</li> </ul>					
3.14 Transaction Deletion	7. The EFCD application must present a visible onscreen alert to the user when hard drive disk capacity reaches 75% and thereafter at increments of 5%.	(M)				
<b>3.15 Backup Capability</b>						
3.15 Backup Capability	1. The EFCD / SMTP-SPOI Server must provide a backup/restore capability to backup/restore all data and image files on the device.	(M)				
3.15 Backup Capability	2. The EFCD / SMTP-SPOI Server must utilize the Windows <sup>TM</sup> Backup Tool or RCMP/GC/CPMG acceptable alternative.	(M)				
3.15 Backup Capability	3. The backup must be to an RCMP/GC/CPMG supplied USB removable storage device; or to an RCMP/GC/CPMG network storage device.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.15 Backup Capability	4. The Vendor must supply specific procedures for the EFCD / SMTP-SPOI Server to perform a data and image file backup and restore/recovery.	(M)				
<b>3.16 Wireless Access</b>						
3.16 Wireless Access	1. The SMTP-SPOI Server, Standalone, Desktop and Cardscan wireless functionality must be permanently disabled.	(M)				
3.16 Wireless Access	2. Any wireless functionality configuration on the Portable Livescan must be accessible to the OLA only.	(M)				
3.16 Wireless Access	3. The wireless functionality must not be accessible to the OLU.	(M)				
<b>3.17 EFCD Software</b>						
3.17 EFCD Software	1. The EFCDs must be delivered with Windows 10 Professional® as per the RCMP/GC/CPMG procurement installed at the latest patch level at the time of delivery, unless provided by RCMP/GC/CPMG.	(M)				
3.17 EFCD Software	2. The Vendor must complete regression testing of any critical operating system software upgrades that may be periodically installed during the warranty period or during any period of extended service/plan.	(M)				
3.17 EFCD Software	3. The Vendor must ensure the RCMP/GC/CPMG procuring agency's anti-virus software is compatible with the Vendor's EFCD anti-virus software if McAfee is not used.	(M)				
3.17 EFCD Software	4. The Vendor must provide the procuring agency with all required software to fully support the proposed system, depending on the agency's call-up, which will include at least:	(M)				

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	a. EFCD software; b. Tenprint Rolled, Plain, Palm, ID Flat Fingerprint scanner software and/or ID Flats scanner software, for Livescan; c. Scanner software, for Cardscan; d. Facial Image capture software; e. Magnetic Stripe and 2D Barcode reader software; f. SMTP mail service; g. SecureDocs, Bit Locker or other RCMP/GC/CPMG approved encryption software as part of the Portable Livescan procurement and possibly included on other Livescans/Cardscans, as required; and h. Windows 10 Professional® as required.					
<b>3.18 SMTP-SPOI Software</b>						
3.18 SMTP-SPOI Software	1. The SMTP-SPOI Server must be delivered with an RCMP/GC/CPMG Agency approved operating system installed at the latest patch level at the time of delivery.	(M)				
3.18 SMTP-SPOI Software	2. The Vendor must complete regression testing of any critical operating system software upgrades that may be periodically installed during the warranty period or during any period of extended service/plan.	(M)				
3.18 SMTP-SPOI Software	3. The SMTP-SPOI Server must be compatible with McAfee Virus Scan® software or RCMP/GC/CPMG approved anti-virus software.	(M)				
3.18 SMTP-SPOI Software	4. The Vendor must ensure the RCMP/GC/CPMG procuring agency's anti-virus software is compatible with the Vendor's SMTP-SPOI Server anti-virus software if McAfee is not used.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.18 SMTP-SPOI Software	5. The Vendor must provide the required software to support the proposed system which will include: a. latest Windows or Linux server OS supported by the SMTP-SPOI Server; b. SMTP Mail Service; and c. optionally, Case Management.	(M)				
<b>3.19 Uninterruptible Power Supply (UPS)</b>						
3.19 Uninterruptible Power Supply (UPS)	1. Each EFCD / SMTP-SPOI Server must be equipped with a UPS with a minimum of 1000 VA.	(M)				
3.19 Uninterruptible Power Supply (UPS)	2. The Ruggedized Standalone Livescan Kiosk solution UPS must be housed within the protective cabinet.	(M)				
3.19 Uninterruptible Power Supply (UPS)	3. The UPS must support all electrical components of the EFCD / SMTP-SPOI Server excluding the printer.	(M)				
3.19 Uninterruptible Power Supply (UPS)	4. The UPS must support a graceful shutdown of no less than 10 minutes in the event of a power failure with no loss of data.	(M)				
3.19 Uninterruptible	5. The UPS must have a mechanism to visually display the state of charge of the unit.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Power Supply (UPS)						
3.19 Uninterruptible Power Supply (UPS)	6. The UPS must have an audible alarm to indicate when the UPS charge falls to a critical level and/or the UPS is not functioning.	(M)				
3.19 Uninterruptible Power Supply (UPS)	7. The EFCD computer must be configured to automatically power up once power is restored.	(M)				
3.19 Uninterruptible Power Supply (UPS)	8. The Vendor must provide and install utility software to monitor the charge state of the UPS onscreen.	(M)				
<b>3.20 EFCD/SMTP-SPOI Virtual Private Network (VPN) Software</b>						
3.20 EFCD/SMTP-SPOI Virtual Private Network (VPN) Software	1. Each EFCD / SMTP-SPOI Server must have VPN software compatible with the RCMP/GC/CPMG Agency's VPN.	(M)				
<b>3.21 NIST Packet Viewer</b>						
3.21 NIST Packet Viewer	1. The EFCD / SMTP-SPOI Server must provide a NIST packet viewer which can be used to view all NIST packet data and allow this data to be printed.	(M)				
3.21 NIST Packet Viewer	2. The NIST packet viewer should be intuitive and easy to use.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.22 Network Architectural Constraints						
3.22 Network Architectural Constraints	1. This subsection details a number of specific constraints for the Vendor to adhere to.	(I)				
3.22 Network Architectural Constraints	<p>2. The EFCD and SMTP-SPOI Server shall conform to the following RCMP/GC/CPMG Network Architecture constraints for all data communications:</p> <ul style="list-style-type: none"><li>a. the EFCD and SMTP-SPOI Server shall use the Transmission Control Protocol/Internet Protocol (TCP/IP) suite of protocols for data communications.</li><li>b. the EFCD and SMTP-SPOI Server must use static destination TCP/UDP ports, which must be well defined. For example, dynamic port allocation such as is done by Remote Procedure Calls (RPC) is difficult to filter on firewalls, thus RPC-based solutions are not permitted.</li><li>c. Note: In some cases RCMP/GC/CPMG will require the Vendor to use specific port numbers not typically used for certain protocols for security reasons. These port numbers will be provided upon request.</li><li>d. the use of IP Multicast protocols such as Internet Group Management Protocol (IGMP) or Multicast OSPF (MOSPF) is only permitted between devices that are located on the same physical LAN segment. The use of these protocols outside of the LAN segment assigned to the EFCD solution is not permitted.</li><li>e. IP addresses shall not be hard-coded in any applications or scripts, either client or server.</li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.22 Network Architectural Constraints	<p>3. Additionally, the EFCD and SMTP-SPOI Server should conform to the following network architecture constraints:</p> <p>a. the EFCD and SMTP-SPOI Server should use Domain Name Services (DNS) to identify system components on the network infrastructure. Should the IP address of any system component need to be changed, only the Domain Name Server should require updating. If the Vendor uses the RCMP/GC/CPMG DNS, the Vendor is still responsible for satisfying all the requirements in this SOR and its accompanying documents.</p> <p>b. interactive and batch traffic should be assigned different port numbers to ensure the impact of batch activity does not affect interactive performance. It is the Vendor's responsibility to ensure the performance requirements in this SOR and its accompanying documents regardless of whether there is batch processing occurring.</p>	(R)				
3.22 Network Architectural Constraints	4. The RCMP/GC/CPMG Technical Authority maintains a list of port numbers in use and assigns new ports as required.	(I)				
3.22 Network Architectural Constraints	5. The assignment of IP addresses for all network elements connected to the RCMP/GC/CPMG network is controlled by the RCMP/GC/CPMG Technical Authority.	(I)				
3.22 Network Architectural Constraints	6. All data communications destined to traverse the RCMP/GC/CPMG network shall function seamlessly within secure MPLS or an IPsec tunnel.	(M)				
3.22 Network Architectural Constraints	7. The EFCD and SMTP-SPOI Server shall not rely on an Internet Control Message Protocol (ICMP) message, because of the	(M)				

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	possibility of a firewall or other security device blocking the ICMP message.					
3.22 Network Architectural Constraints	8. Current RCMP/GC/CPMG security policy does not allow for connection(s) between the Vendor's data network and any network either owned or managed by the RCMP/GC/CPMG.	(I)				
3.22 Network Architectural Constraints	9. The Vendor's solution shall not employ any wireless communications devices for workstation-to-server, server-to-server, or any other communication between devices unless specifically identified by the RCMP/GC/CPMG.	(M)				
3.23 Confidentiality and Integrity						
3.23 Confidentiality and Integrity	1. The EFCD must ensure the confidentiality and integrity of the RCMP/GC/CPMG fingerprints and fingerprint related data.	(M)				
3.23 Confidentiality and Integrity	2. The Vendor should explain all aspects of their EFCD solution that ensures the integrity of the RCMP/GC/CPMG fingerprint and fingerprint related data to justify that the integrity of the data will be maintained. This should include at least the following: a. transaction processing with units of work and phased commits; b. managing concurrent processing; c. error recovery; d. any aspects of the design that ensures data integrity. For example, to ensure no duplicates are recorded for a field, the database field would be defined as unique; and e. any aspects of the design that ensure referential integrity.	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>3.24 Performance</b>						
3.24 Performance	1. The Livescan must be able to complete a full CARY transaction (i.e. rolled, plain, palm, photo and demographic data) within fifteen (15) minutes while ensuring the confidentiality and integrity of the RCMP/GC/CPMG fingerprints and fingerprint related data.	(M)				
3.24 Performance	2. Scanner block initialization must be completed automatically before the start of the fingerprint capture portion of the workflow. That is, initialization during the processing of a transaction is not acceptable. The scanner block must be ready to use (i.e. start taking fingerprints) when the first fingerprint capture screen is presented in the workflow.	(M)				
3.24 Performance	3. The Livescan scanning of each rolled fingerprint must be completed in at least 5 seconds.	(M)				
3.24 Performance	4. The Livescan scanning of each set of plain fingerprint (i.e. right, left, thumbs) must be completed in at least 5 seconds.	(M)				
3.24 Performance	5. The Livescan scanning of each palm print must be completed in at least 15 seconds.	(M)				
3.24 Performance	6. The Livescan scanning of each set of ID Flat fingerprint (i.e. right, left, thumbs) must be completed in at least 5 seconds.	(M)				
3.24 Performance	7. Taking a photo on a Livescan must be completed in at least 2 seconds measured starting after the camera initialization has been completed.	(M)				
3.24 Performance	8. Camera initialization must be completed automatically before the start of the photo capture portion of the workflow. That is, initialization during the processing of a transaction is not	(M)				

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	acceptable. The camera must be ready to use (i.e. click capture) when the photo capture screen is presented in the workflow.					
3.24 Performance	9. The Vendor's Ruggedized Standalone Livescan Kiosk solution MUST maintain an availability level of ninety-five percent (95%) during the life of the contract including any extensions. During a period when access to Agency sites or the Ruggedized Standalone Livescan Kiosk solution is denied, further occurrences of the same failure will not be recorded for calculations of reliability and availability.	(M)				
3.25 Proprietary Equipment						
3.25 Proprietary Equipment	1. In the context of this RFSO, a proprietary component is considered any component that is not available for purchase or it does not have a published price. Vendor software (e.g. EFCD software) is expected to be proprietary and not applicable to this definition.	(I)				
3.25 Proprietary Equipment	2. The GC highly prefers that no proprietary components (excluding proprietary software) are used in the EFCD solutions. That is, the GC highly prefers only components that are publicly available with published pricing that allows the components to be purchased and fully utilized by others Vendors (e.g. scanner block with available SDK).	(R)				
3.25 Proprietary Equipment	3. Proposed scanner blocks must include an SDK, and any other components to enable it to be fully operational, so it can be reused by another vendor in the future. Only scanner blocks with free SDKs will be considered as valid NMSO components, unless specifically identified by the GC.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.1 Backend Interface to EFCD						
4.1 Backend Interface to EFCD	1. The RCMP has a defined interface between an agency RMS/DMS and the EFCD. The following subsections describe this interface.	(I)				
4.1 Backend Interface to EFCD	2. The Vendor should describe how their Livescan will be configured to allow either a normal workflow or a workflow integrated with a RMS/DMS interface workflow.	(R)				
4.1.1 Communication Protocol to Backend Livescan/Cardscan						
4.1.1 Communication Protocol to Backend Livescan/Cardscan	1. The EFCD must support a backend interface using email and a shared file folder accessible by both systems (i.e. file drop) to provide flexibility for departments/agencies to use either method while ensuring the security requirements of RTID and security requirements stated in this SOR and its accompanying documents. This backend interface must be able to communicate to and from the RMS/DMS. This backend interface must allow the EFCD to send email with an attached NIST packet to a specified email address on the RMS/DMS or to file drop location. This backend interface must also allow the EFCD to receive email with NIST packet attachments to a specified email address on the EFCD or a specified email address on an alternative RCMP/GC/CPMG email service and process these received email according to the requirements stated herein and in the SOR and its accompanying documents. This interface must operate independently from the EFCD interface with the RTID System.	(M)				
4.1.1 Communication Protocol to	2. There must be configurable parameters on the EFCD to configure the ability to send to the RMS/DMS, which must include at least the following:	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Backend Livescan/Cards can	a. email accounts; b. domain names for the email accounts; and c. IP addresses associated with the domain names (e.g. host file).					
4.1.1 Communication Protocol to Backend Livescan/Cards can	3. The EFCD email client shall be responsible for generating POP3/IMAP queries to the defined mailbox, configurable through a graphical user interface, to set the userid and password of the local mailbox and the polling interval.	(M)				
4.1.1 Communication Protocol to Backend Livescan/Cards can	4. The EFCD must allow the configuration of the userid and password of the local mailbox and once configured, this will be seamless to the OLU.	(M)				
4.1.1 Communication Protocol to Backend Livescan/Cards can	5. The EFCD must be configurable to specify the location of the folder(s) or shared folder(s) where the NIST files will be stored.	(M)				
4.1.1 Communication Protocol to Backend Livescan/Cards can	6. It is preferred that the EFCD support a common email account configuration where multiple EFCD can read from the same email account allowing all the RMS/DMS transactions to be processed by multiple EFCD. This configuration requires specific controls implemented to ensure the email is lock by an EFCD and then	(R)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	gets removed when the email account when the transaction has been completed.					
<b>4.2 Interface to RTID System</b>						
4.2 Interface to RTID System	1. If the RMS/DMS is also operating as an SMTP-SPOI server, it will be responsible for the communication to the RTID System.	(I)				
4.2 Interface to RTID System	2. If the RMS/DMS is also operating as an SMTP-SPOI server, the EFCD must support sending a NIST packet, attached to an email, with the data required for the RMS/DMS to finish creating a compliant NPS-NIST-ICD 1.7.8 Rev 1.6 transaction.	(M)				
4.2 Interface to RTID System	3. If the EFCD is operating as the interface to the RTID System, the EFCD must support receiving a NIST packet, attached to an email, with the data from the RMS/DMS which must be used to finish creating a compliant NPS-NIST-ICD 1.7.8 Rev 1.6 transaction.	(M)				
<b>4.3 RMS/DMS to EFCD Related Workflow</b>						
4.3 RMS/DMS to EFCD Related Workflow	1. The RMS/DMS generates the following NIST compliant file: a. Type-1 (Header) record and Type-2 (Descriptor data) record; and b. Type-10 (Facial Image).	(I)				
4.3 RMS/DMS to EFCD Related Workflow	2. The NIST file will be sent to an assigned mailbox accessible by the EFCD. The EFCD must support retrieving the NIST file from the mailbox.	(M)				
4.3 RMS/DMS to EFCD	3. The EFCD must also allow the RMS/DMS to use a file drop, instead of an email to provide NIST files to the EFCD; where a file	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 4. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Related Workflow	drop is defined as a copy of the NIST file being placed into a shared folder on drive accessible by the EFCD.					
4.3 RMS/DMS to EFCD Related Workflow	<p>4. The EFCD must:</p> <ul style="list-style-type: none"><li>a. allow the OLU to review the email/file drop received from the RMS/DMS;</li><li>b. allow the OLU to select a workflow, (i.e., CARY or CARN);</li><li>c. query and retrieve NIST files from the mailbox/file drop based on the selection by the OLU;</li><li>d. automatically present onscreen all available transactions specific to the selected workflow displayed based on the Annex D user interface.</li><li>e. The OLU will select a transaction and the EFCD will:<ul style="list-style-type: none"><li>i. import the Type-1, Type-2 records and if present the Type-10 record,</li><li>ii. validate all Type-2 data,</li><li>iii. use the DCN provided by the RMS/DMS or create an associated DCN if not provided, and display the DCN and TCN for the transaction,</li><li>iv. allow the OLU to edit or add Type-2 descriptor data,</li><li>v. allow the OLU to capture a Type-10 record if not present in the NIST file ,</li><li>vi. allow the OLU to capture the Type-4 (Rolled and plain finger images), Type-14 (Identification Flats) and Type-15 (Palms) records as required for the TOT,</li><li>vii. engage fingerprint quality assessment and sequence validation,</li></ul></li></ul>	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 4. R						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>viii. allow the OLU to print the associated fingerprint card for the specific workflow,</div> <div>ix. print any overflow pages where excessive data or charges cannot be captured on the associated fingerprint card, and</div> <div>x. create the NPS-NIST-ICD 1.7.8 Rev 1.6 compliant transaction;</div> <div>f. allow the OLU to submit the NPS-NIST-ICD 1.7.8 Rev 1.6 compliant transaction as an attachment to an email to the RTID System and allow all other processing to occur in the same manner as any other transaction created without RMS/DMS interaction;</div> <div>g. respond to the RMS/DMS with the results of transactions after completion (the DCN provided by the RMS/DMS will link to the RMS/DMS original transaction;</div> <div>h. The OAI field must be populated with the OAI of the EFCD (i.e. replacing the OAI if the RMS OAI was included in the Type-1 data, as well as any other field to create a properly formulated NPS-NIST-ICD packet (e.g. DAI, fingerprints, etc.);</div> <div>i. Refer to Annex D for details concerning the RMS/DMS EFCD user interface.</div>					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 User Management and Role Based Access Controls (RBAC)						
5.1 User Management and Role Based Access Controls (RBAC)	1. The EFCD must support user management through a Windows based intuitive, easy to use UI for production administrators and any other user authorized to use the user management capabilities. The UI must allow the data identified herein to be easily managed (i.e.: add, change, delete, disable, enable).	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	2. The EFCD must support the Role Based Access Controls (RBAC) requirements stated herein and throughout this SOW and its accompanying documents.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	3. The EFCD user management shall include application-specific user IDs and passwords.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	4. The passwords shall not be hard-coded and must be stored in an encrypted form that satisfies Government of Canada requirements (i.e.: Communication Security Establishment (CSE) standards ISA-11(b) or later).	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	5. The OLU and OLA shall only be presented with options and resources for which they have authorized access, based on their user profile and group membership.	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 User Management and Role Based Access Controls (RBAC)	6. The EFCD user management shall uniquely identify and authenticate all users and resources that require access to EFCD resources.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	7. The EFCD shall not store or cache identification and accreditation (I&A) information on platforms other than those explicitly sanctioned by RCMP Security Infrastructure Services.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	8. The EFCD shall not cache sensitive information after use.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	9. The EFCD shall record any unauthorized access attempts to designated roles.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	10. Any fields listed in the user management UI that have a list to choose from should be presented in the UI through a drop-down pick list, or similar user friendly method, for any fields that have values that are available for a pick list.	(R)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1 User Management and Role Based Access Controls (RBAC)	11. The user management UI must allow the authorized user to add, change or delete at least the following data in support of managing access to the EFCD: a. Roles; b. Groups; c. User ID; d. User name; e. Change password; f. Language of work; g. Instructional mode; and h. Permissions/privileges. These permissions/privileges will be based on the functions identified in the RBAC subsection herein.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	12. The OLA must be able to define and set user profile items for the OLU and the OLA.	(M)				
5.1 User Management and Role Based Access Controls (RBAC)	13. The Vendor System Administrator must establish the initial OLA that can administer the user roles for the EFCD.	(M)				
5.1 User Management and Role Based	14. The OLA must have all the privileges of the OLU, plus the additional privileges identified through this RFSO and its accompanying documents.	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Access Controls (RBAC)						
<b>5.1.1 Role Based Access Controls</b>						
5.1.1 Role Based Access Controls	1. For purpose of explaining the access control requirements stated herein and throughout the SOR and its accompanying documents, the following definition for access control is used. Access Control is any mechanism by which a system grants or revokes the right to access some data, or perform some action.	(I)				
5.1.1 Role Based Access Controls	2. The approach to providing EFCD access control requirements are in accordance with the NIST Role-Based Access Control (RBAC) Standard as stated herein. Central to this standard is the concept of assigning a role to a user. This is a fundamental mechanism that should be employed by the EFCD user management solution to ensure that the relevant policies, operating procedures, and overall transaction security are enforced.	(R)				
5.1.1 Role Based Access Controls	3. These requirements that should be satisfied by the EFCD have been developed with reference to the NIST Core RBAC Model as shown in Figure 5-1. This model provides the key semantic concepts on the subject of access control, is the conceptual basis for the NIST standard, and has been largely adopted and implemented by many different vendor communities. These reasons illustrate why the Core RBAC model is considered to be an excellent starting point for developing a concise set of access control requirements to serve the present business requirements. The following is a description of the key elements and relationships within the model: (I) a. USER – a user (in the majority of cases) is an individual who is an employee of RCMP/GC/CPMG. However, in certain	(R)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>cases, where automated processes transact across several systems, a user may also be an automated system agent that has been granted a user account;</p> <p>b. ROLE – a role is a job function within the context of an organization where authorities and responsibilities have been conferred to the user assigned to the role. Groups are expected to exist for larger systems where multiple roles will be contained within a group. This concept of a group is simply a mechanism to organize multiple roles to ease the overall user management;</p> <p>c. SESSION – the active system context in which the user is requesting and executing transactions;</p> <p>d. OBJECT – an object is anything that must be protected by the system. A protected object may be any system resource, personal and sensitive information (e.g.: file, attribute, image), or parts thereof. Objects may vary in granularity; an object may range from being considered as an entire system component, an entire record, or a specific attribute or flag within a record;</p> <p>e. OPERATION – an operation is any function that may be performed upon an object (e.g.: read, write, delete, append); and</p> <p>f. PERMISSION – can be viewed as a composite of operation and object. An assignment of permissions to a role implies the approval of this role to perform this operation on an object.</p>					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1.2 Roles, Groups and Objects						
5.1.2 Roles, Groups and Objects	1. The following identifies the roles, groups and objects that must be supported by the EFCD within the RBAC model. Most of the objects are identified within the context of a role function whereby the function is controlling access to the object.	(M)				
5.1.2 Roles, Groups and Objects	2. The user ID must be definable by the User Management system. Typically, this will be an assigned number for the user.	(M)				
5.1.2 Roles, Groups and Objects	3. The following are the minimum role functions (privileges) that must be available in the EFCD. This list implicitly identifies the objects and the level of granularity that must be managed/controlled by the EFCD: a. EFCD User roles i. OLU, ii. OLA, and iii. EFCD System Administrator/IT Support; b. Functions/objects/operations: i. Process transactions, ii. Delete transactions, iii. Log file access, iv. Add/change/delete user, v. Instructional mode, vi. Change user groups, and vii. Change role privileges; and c. configuration parameter access (add, change, delete).	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.1.2 Roles, Groups and Objects	<p>4. The above role functions must be used to select from to create specific roles. The following are examples of existing roles that must continue to be available on the EFCD that have one or more role functions (privileges) assigned to them. It is understood and expected that some vendors may represent these functions in a more granular manner. It would still satisfy the requirements if multiple role functions had to be selected to achieve the higher level granularity identified herein. The Vendor must explain how the EFCD supports these requirements:</p> <p>a. OLU;</p> <p>b. OLA; and</p> <p>c. EFCD System Administrator/IT Support.</p>	(M)				
<b>5.2 Access Control</b>						
5.2 Access Control	1. Access Control involves restricting device information access to authorized users only. In general, this is done by means of user accounts and passwords.	(I)				
5.2 Access Control	2. A Windows™ based login must be used that includes user name and password to log into the EFCD and the SMTP-SPOI Server.	(M)				
5.2 Access Control	3. The EFCD application software must also require a user name and password login.	(M)				
5.2 Access Control	4. The EFCD must support OLU and OLA privileges based on login.	(M)				
5.2 Access Control	5. The EFCD / SMTP-SPOI Server must allow the OLA to set the length of time the passwords will be valid.	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.2 Access Control	6. The EFCD / SMTP-SPOI Server must prompt the OLU to enter and confirm a new password on the date the old password expires.	(M)				
5.2 Access Control	7. The EFCD / SMTP-SPOI Server must have a lock-out feature after a configurable number of failed login attempts.	(M)				
5.2 Access Control	8. The EFCD / SMTP-SPOI Server must provide the OLA the option to set the number of failed login attempts that will be allowed through a configurable parameter.	(M)				
5.2 Access Control	9. The EFCD / SMTP-SPOI Server must allow a OLA to reset the login after the maximum number of login attempts have failed.	(M)				
5.2 Access Control	10. The EFCD must support two-factor authentication (biometric & password) and one-factor authentication (biometric only or password/userid only); and store at least 3 fingerprints per user that can be used for login verification.	(M)				
5.2 Access Control	11. The EFCD must allow an OLU to have a profile at a minimum that contains any combination of the following functionality: a. English screens; b. French screens; c. Create CARY, or CARN or REF or MAP or IMM transactions or any combination of transactions (EFCD only); d. Modify transactions (EFCD only); e. Restart transactions (EFCD only); f. Read response messages; and g. View logs.	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.2 Access Control	12. The SMTP-SPOI Server must allow a OLU to have a profile at a minimum that contains any combination of the following functionality: a. English screens; b. French screens; c. Read response messages; and d. View logs.	(M)				
5.2 Access Control	13. The EFCD / SMTP-SPOI Server must allow a OLA to have a profile, at a minimum, that contains any combination of the following functionality: a. Add users; b. Modify user profiles; c. Delete users; d. Set password expiry durations; e. Reset passwords; f. Reset number of login attempts before lock-out; g. Create, modify, and delete transactions. (EFCD only); h. Set and reset auto transaction deletion periods; i. Set and reset auto Transaction Log deletion periods; j. Delete transactions; k. View and print logs; and l. Full administrative access.	(M)				
5.2 Access Control	14. The EFCD / SMTP-SPOI Server must support authentication: a. at the EFCD / SMTP-SPOI Server application level using user-ID and password;	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 5. U						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. at the EFCD biometric and/or biometric and password; c. at EFCD / SMTP-SPOI Server OS level using user-ID and password; and d. using a PKI smart card / token and password to establish a secure connection using a VPN Client.					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
6.1 Configurable Parameters						
6.1 Configurable Parameters	1. The EFCD solution must be designed with an emphasis on configurable parameters to maximize the flexibility to change the solution without requiring a code change.	(M)				
6.1 Configurable Parameters	2. As well, to the greatest extent possible, these configuration parameters should be modifiable by the OLA, unless otherwise identified in the SOR and its accompanying documents.	(R)				
6.1 Configurable Parameters	3. It is understood that there may be some configurable parameters that only the Vendor should change and these configurable parameters do not need an easy to use GUI.	(I)				
6.1 Configurable Parameters	4. The following subsections identify configurable parameters to be supported by the EFCD solution at a minimum.	(I)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
6.1 Configurable Parameters	5. The Vendor is responsible for identifying the value of all configurable parameters as part of the evaluation process. That is, it is the Vendor's responsibility to assign values for the configurable parameters that provide the Vendor with the best opportunity to pass the benchmark testing which is part of the bid evaluation process.	(I)				
6.1 Configurable Parameters	6. The OLA must be able to change the configurable parameters with an intuitive easy to use GUI.	(M)				
6.1 Configurable Parameters	7. The EFCD solution must effectively support all the functionality associated with the configurable parameters. For example, the time for UI inactivity before the screen is locked configurable parameter requires the EFCD solution to be monitoring the user activity and when the time threshold has been met, the EFCD must lock the user's EFCD. Once locked the user must login again to access the EFCD.	(M)				
6.1 Configurable Parameters	8. The RCMP/GC/CPMG IT Support staff must be allowed to change all configurable parameters and complete all steps required to install and configure the EFCD/SMTP-SPOI. This method would be the same as the Vendor System Administrator would use.	(M)				
<b>6.1.1 General</b>						
6.1.1 General	1. The following are the minimum general parameters that must be configurable by the OLA: a. set the number of attempts permitted to capture fingerprint (default =2);	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>b. change the fingerprint image capture equipment text description (modify by OLA);</li><li>c. change the fingerprint Capture Location text description (modify by OLA);</li><li>d. modify the order in which the application types are displayed in the dropdown list through a simple GUI configuration (modify by OLA);</li><li>e. set the Immigration end date that will be used to automatically populate the Immigration Retention End Date (Tag 2.8971) for the IMM transaction (modify by OLA);</li><li>f. select the TOTs that the agency is authorized to submit which activates all its associated functionality;</li><li>g. a configurable parameter that when set enables CBSA specific functional and UI features to be active, for example,</li><li>i. Deportee transaction available for use and displayed on Workflow Manager,</li><li>ii. Immigration transaction available for use and displayed on Workflow Manager,</li><li>iii. Activate a separate window to request the GCMS Unique Client ID that will be used to retrieve related data,</li><li>iv. Several others identified throughout the SOR and its accompanying documents;</li><li>h. a configurable parameter that when set enables a separate window to request the Unique Client ID that will be used to retrieve related data (refer to Annex F).</li></ul>					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>i. a configurable parameter to change the display message to the user after no response within 5 minutes of sending (some agencies/departments require a different message);</div><div>j. a configurable parameter to only display FBI Search Requests and it's associated conditional fields if the agency is authorized for the request;</div><div>k. a configurable parameter to only display International Search Requests and it's associated conditional fields if the agency is authorized for the request;</div><div>l. a configurable parameter to set default display to be either Workflow Manager or Transaction Manager (modify by OLA);</div><div>m. configurable parameters that defines the EFCD's start and end DCN range. The Default value of the DCN range start field will be 0000 and the Default value of the DCN range end field will be 9999;</div><div>n. configurable parameters that defines the EFCD's TCN start value and end value;</div><div>o. configurable parameter that when set, will reset the DCN back to the DCN start value at the end of each day;</div><div>p. a configurable parameter to set default for Language Of Result to "As Is";</div><div>q. set the print size for a facial image;</div><div>r. set number of login attempts before user is locked out (modify by OLA);</div><div>s. allow a different colour to be used to highlight mandatory fields;</div><div>t. set the System Table Version Number (initial value 001) (modify by OLA); and</div></div>					

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	u. configure one of three (3) options for Name of Person Responsible for Transaction (refer to Annex D for details) (modify by OLA);					
<b>6.1.2 Quality Measure</b>						
6.1.2 Quality Measure	1. The following are the minimum quality measure parameters that must be configurable by the EFCD: <ul style="list-style-type: none"> <li>a. quality threshold – The EFCD must automatically determine a fingerprint quality that will be acceptable to the RTID system. This should be set based on the Vendor's best practices, by the Vendor.</li> </ul>	(M)				
<b>6.1.3 Time Related Parameters</b>						
6.1.3 Time Related Parameters	1. The EFCD must have configurable parameters for at least the following time related parameters: <ul style="list-style-type: none"> <li>a. retention period before data and completed transactions are automatically removed from the EFCD (initial value 30 days) (modify by OLA);</li> <li>b. retention period for maintaining the Transaction/Audit Log (initial value = indefinite);</li> <li>c. configure a time parameter for when SENT responses are highlighted. If a transaction has been sent and there is no response within this time parameter, the transaction must be highlighted to alert the user that there may be an issue;</li> <li>d. configure a time parameter to identify how quickly the EFCD / SMTP-SPOI Server must attempt to connect to the RTID system when the connection has failed to deliver to the RTID System until delivery is successful (default five (5) minutes);</li> </ul>	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>e. time EFCD UI is refreshed automatically (initial value = 60 seconds);</li><li>f. time for UI inactivity before screen is locked (initial value = 15 minutes)</li><li>i. Note: The Vendor's EFCD must require a user login after the screen has been locked;</li><li>g. time for UI inactivity, after the screen has been locked, before a user is automatically logged off (initial value 30 minutes); and</li></ul>					
6.1.4 Toggle Related Parameters						
6.1.4 Toggle Related Parameters	<ul style="list-style-type: none"><li>1. The EFCD must have configurable parameters for at least the following toggle related parameters:<ul style="list-style-type: none"><li>a. set EFCD to present on-behalf-of screen at the start of the workflow. When turned off the OLU must be allowed to choose on-behalf-of as required;</li><li>b. configure the EFCD to default to the Transaction Manager GUI upon login. When turned off the Workflow Manager GUI will be presented upon login;</li><li>c. configure the Cardscan to default to Submission By Our Agency check box, which will not automatically present the on-behalf-of to the user (i.e. Cardscan default is on-behalf-of);</li><li>d. configure the Cardscan to always REMOVE or to always INCLUDE palm print impressions that do not pass the sequence check based on their site policy;</li><li>e. configure the Cardscan to default to capturing full palm prints;</li><li>f. set EFCD to automatically print forms (modify by OLA);</li></ul></li></ul>	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>g. set EFCD to automatically print biometric consent form (modify by OLA);</li> <li>h. set EFCD to capture and submit photos for a CARN. When set this configurable parameter will allow photos to be captured and submitted with the same process/functionality for photos that is used for CARY; and</li> <li>i. The SMTP-SPOI Server should provide the user with the option to stop, read and print search responses from the RTID System without automatically forwarding to the originating EFCD (modify by OLA).</li> </ul>					
<b>6.1.5 Table Based Parameters</b>						
6.1.5 Table Based Parameters	<ul style="list-style-type: none"> <li>1. The EFCD must have configurable tables/fields, with unlimited expansion, that an authorized user can add, change or delete, where separate tables/fields are available for at least the following: <ul style="list-style-type: none"> <li>a. agency ORI table (list of all ORIs) (modify by OLA);</li> <li>b. province codes and description (predefined list provided);</li> <li>c. country codes and descriptions (predefined list provided);</li> <li>d. Note: The use of this data is identified throughout the RFSO and its accompanying documents. (I)</li> </ul> </li> </ul>	(M)				
<b>6.1.6 Text field Configurable Parameters</b>						
6.1.6 Text field Configurable Parameters	<ul style="list-style-type: none"> <li>1. The EFCD must have configurable parameters that an authorized user can change for at least the following: <ul style="list-style-type: none"> <li>a. the EFCD's ability to send to the RMS/DMS, which must include at least the following for all required interfaces (modify by OLA): <ul style="list-style-type: none"> <li>i. email accounts,</li> </ul> </li> </ul> </li> </ul>	(M)				

Annex B to Appendix A: EFCD Detailed Requirements: Chapter 6. C						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	ii. domain names for the email accounts, and iii. IP addresses associated with the domain names (e.g. host file); b. the location of the folder(s) or shared folder(s) where the NIST files will be stored; c. define the folder where photos will be stored.					

## 1.4 Annex C to Appendix A: Support and Maintenance Requirements – v1B

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>1.1 General</b>						
1.1 General	1. This Annex C to the Appendix A SOW describes the detailed support and maintenance requirements. This is in addition to the high-level support and maintenance requirements stated throughout the SOR and its accompanying documents.	(I)				
1.1 General	2. This Annex describes details concerning the support and maintenance Service Plans that must be offered by the Vendor and all the associated elements of providing a Service Plan such as access to government facilities, software upgrades, software enhancements, Change Requests (CRs) and service until End-Of-Life (EOL).	(M)				
1.1 General	3. The Vendor must provide a detailed step by step set of instructions for the RCMP/GC/CPMG IT Support staff to complete: a. the full installation of every type of EFCD/SMTP-SPOI; and b. the installation of software updates only.	(M)				
1.1 General	4. The Vendor's should provide a detailed step by step set of instruction (i.e. installation manual) for the RCMP/GC/CPMG IT Support staff to complete that is clear, accurate and sufficiently detailed to enable RCMP/GC/CPMG IT Support staff to complete.	(R)				
1.1 General	5. The Vendor must agree that the RCMP/GC/CPMG IT Support staff can perform maintenance and/or upgrades to the EFCDs/SMTP-SPOI Servers and replace user-replaceable or user-serviceable components without affecting the obligation of	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	the Vendor to provide the support and maintenance on the EFCDs/SMTP-SPOI Servers.					
1.1 General	6. If any EFCD/SMTP-SPOI Server fails to perform in accordance with the Technical Specifications and functional requirements, and requires remedial support and maintenance three or more times during the Service Plan period, the Vendor must, if requested by the RCMP/GC/CPMG, replace the Product at no cost with another item meeting the specifications of the device. The replacement device must be delivered no later than 15 days after the request is received and include restoring the specific configuration on the replacement device at no charge.	(M)				
1.2 Access to RCMP/GC/CPMG Facilities						
1.2 Access to RCMP/GC/CPMG Facilities	1. The Vendor must provide resources that have the required security clearance to RCMP/GC/CPMG facilities, in order to perform all required support and maintenance activities.	(M)				
1.2 Access to RCMP/GC/CPMG Facilities	2. The RCMP/GC/CPMG is expected to provide the required facilities access to accommodate the Vendor resources completing the required support and maintenance activities.	(I)				
1.2 Access to RCMP/GC/CPMG Facilities	3. Canada's facilities, equipment, documentation and personnel are not automatically at the disposal of the Vendor. The Vendor is responsible for timely identification of the need for access to the referenced facilities, equipment, documentation and personnel to ensure effective and efficient support and maintenance that meets the Service Level Agreements (SLA).	(I)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>1.3 EFCD/SMTP-SPOI Server Software Upgrades</b>						
1.3 EFCD/SMTP-SPOI Server Software Upgrades	1. The Vendor must be responsible for the installation and regression testing of any application software upgrades, or any other changes made by the Vendor, that may be installed during the warranty period or during any period of a service plan.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	2. The RCMP Biometric Business Solutions must be provided the opportunity to perform any testing they deem necessary to proposed software upgrades before deployment, as required.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	3. Application software upgrades must be installed by the Vendor, or made available for installation by the RCMP/GC/CPMG IT Support staff, based on the RCMP/GC/CPMG recommendation and RCMP Biometric Business Solutions acceptance of that recommendation through the warranty period or during the period of any service plan.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	4. The Vendor must be solely responsible to correct any ICD or functionality compliancy issues discovered during the warranty period or during the period of any service plan.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	5. The Vendor must provide the RCMP/GC/CPMG with a software upgrade that corrects the ICD non compliancy issue(s) within 15 business days of formal notification of the issue by the RCMP/GC/CPMG.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.3 EFCD/SMTP-SPOI Server Software Upgrades	6. The Vendor must, prior to installation of any software upgrade, provide to the RCMP Biometric Business Solutions and the RCMP/GC/CPMG a copy of their software release notes that identify the new software version numbers, any changes incorporated into the software upgrade, any issues or deficiencies the upgrade has corrected, and any outstanding issues or problems that are still open.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	7. The Vendor must guarantee the safety and integrity of the data stored on the EFCD/SMTP-SPOI Server during any upgrade activities. For example, this could be accomplished by creating a full back up of all data and image files before the upgrade process is initiated	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	8. The Vendor must ensure that after software upgrades to EFCD's, the next DCN and TCN are generated sequentially based on the last DCN and TCN generated prior to the upgrade.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	9. The Vendor must ensure that all EFCD/SMTP-SPOI Server software is maintained at a version level that is not older than six (6) months from the latest version level.	(M)				
1.3 EFCD/SMTP-SPOI Server Software Upgrades	10. The Vendor must provide supporting documentation for all software modifications, new versions, and new releases identifying at least the following: a. the problem resolved or enhancement made; b. any new feature(s) added;	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c. installation instructions; and d. keep track of software releases for the purpose of configuration control.					
1.4 Support And Maintenance Information For End User						
1.4 Support And Maintenance Information For End User	1. Unless otherwise indicated, the Vendor must include the following information with each EFCD/SMTP-SPOI Server when it is delivered: a. the toll-free number to be used for support and maintenance; b. the warranty/Service Plan period and applicable dates for each device in accordance with the call-up/RVD; c. the information that will be required by the call center to provide any support and maintenance; d. the information above attached to each device in the form of an information sticker.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 General						
2.1 General	1. The Vendor must provide a variety of service plans to ensure the requirements of specific RCMP/GC/CPMG departments/agencies are satisfied until the EOL of the workstation/server that supports the device which include at least the following	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>a. Extended Support and Maintenance Service plan which will be purchased with the initial callup/RVD or prior to the expiry of any warranty or maintenance agreement;</li> <li>b. Software Only Maintenance Service Plan which will be purchased with the initial callup/RVD or prior to the expiry of any warranty or maintenance agreement; and</li> <li>c. Time and Materials Support and Maintenance using the Task Authorization process.</li> </ul>					
2.1 General	2. The Service Plans only start after the expiration of the one (1) year warranty period that must be included with any EFCD/SMTP-SPOI Server purchases.	(M)				
2.1 General	3. The Service Plans must include options for all components, and Types Of Transactions (TOTs).	(M)				
2.1 General	4. The Service Plans are used to create a pricing schedule for all support and maintenance Service Plans that will form part of the Vendor's NMSO.	(I)				
2.1 General	5. The goods provided under the Service Plans as part of the support and maintenance must be consigned to the destination specified in each call-up and delivered Delivery Duty Paid (DDP). The Vendor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, brokerage fees, including the payment of customs duties and taxes.	(M)				
2.1 General	6. The Vendor should provide pricing that is competitive for all Service Plans.	(R)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 General	7. The Vendor must provide on-line use of the Vendor's software diagnostic routines, support tools, as and when requested, if available.	(M)				
2.1 General	8. The Vendor should provide their software diagnostic routines and support tools that would be beneficial to the RCMP/GC/CPMG departments/agencies to enable the efficient and effective identification and resolution of issues as part of a support plan at no additional cost.	(R)				
<b>2.1.1 DSB VA</b>						
2.1.1 DSB VA	1. Any new service pack or new version of the OS and/or software included in an upgrade through a warranty or support and maintenance Service Plan must successfully pass a RCMP DSB VA, unless agreed to with the RCMP/GC/CPMG department/agency in writing.	(M)				
2.1.1 DSB VA	2. The Vendor shall be responsible for completing any required changes resulting from the VA at no cost to Canada.	(M)				
<b>2.2 Extended Support and Maintenance Service Plan</b>						
2.2 Extended Support and Maintenance Service Plan	1. The Extended Support and Maintenance Service Plans must include the following options for the following types of Service Plans: a. full support and maintenance for a Standalone Kiosk Livescan; b. Desktop Livescan support and maintenance for all TOTs; c. Desktop Livescan support and maintenance for MAP only TOT;	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>d. Mobile Livescan support and maintenance for all TOTs;</li> <li>e. Mobile Livescan support and maintenance for MAP only TOT;</li> <li>f. FBI certified printer support and maintenance;</li> <li>g. Non-FBI certified printer support and maintenance;</li> <li>h. Camera support and maintenance;</li> <li>i. SMTP-SPOI Server support and maintenance for MAP only TOT; and</li> <li>j. 2D/Magnetic stripe reader support and maintenance.</li> </ul>					
2.2 Extended Support and Maintenance Service Plan	2. The Extended Support and Maintenance Service plans must be provided per year for five (5) years, with per year costing, starting after the one (1) year warranty period.	(M)				
<b>2.3 Software Only Maintenance Service Plan (All TOTs)</b>						
2.3 Software Only Maintenance Service Plan (All TOTs)	1. The Software Only Maintenance (SOM) Service Plan is for software only, where the software updates are completed by qualified and trained RCMP/GC/CPMG IT Support staff.	(M)				
2.3 Software Only Maintenance Service Plan (All TOTs)	2. The SOM Service Plan must include phone support and software support for all devices included in the SOM Service Plan. Phone support is defined as having access to the vendor's helpdesk support centre for 1st level support relative to the software during regular business hours as well as whatever additional Vendor support is required to resolve issues that cannot be resolved by the 1st level support staff.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.3 Software Only Maintenance Service Plan (All TOTs)	3. The SOM Service Plan must include a pricing breakdown as detailed in Appendix B pricing tables.	(M)				
<b>2.4 Time and Materials Service Plan (All TOTs)</b>						
2.4 Time and Materials Service Plan (All TOTs)	1. The Time and Materials (T&M) Service Plan is for work to be completed by the Vendor for software and/or hardware support for sites which do not have an active support and maintenance Service Plan.	(I)				
2.4 Time and Materials Service Plan (All TOTs)	2. T&M must be authorized and signed-off by the client prior to a technician being dispatched, using the Task Authorization Process for the NMSO.	(M)				
2.4 Time and Materials Service Plan (All TOTs)	3. The T&M signed authorization form must itemize the estimated number of hours the work is expected to take, the hardware expected to be replaced and the travel expenses to be incurred.	(M)				
2.4 Time and Materials Service Plan (All TOTs)	4. T&M is defined as having access to purchase parts listed at the prices detailed in the NMSO and have those parts replaced using the Time and Materials maintenance option.	(I)				
2.4 Time and Materials Service Plan (All TOTs)	5. The T&M Service Plan must include the hourly rates for the Vendor technician level capable of fully supporting the EFCDs/SMTP-SPOI Servers based on working hours between 8am and 5pm, or specific timeframe agreed to with the RCMP/GC/CPMG.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.5 Support And Maintenance Parts						
2.5 Support And Maintenance Parts	1. The Vendor must provide parts for all EFCD/SMTP-SPOI Server parts.	(M)				
2.5 Support And Maintenance Parts	2. The Vendor must provide pricing for at least the following parts: a. Scanner block for rolled, plains, palms and ID Flats; b. Scanner block for rolled, plains and ID Flats; c. Scanner block for ID Flats only; d. Flatbed scanner; e. Camera; f. 2D/Magnetic stripe reader; g. Ruggedized kiosk chassis; h. Touch screen monitor; i. Cardscan monitor; j. Workstation; k. Laptop; l. Keyboard; m. mouse (scroll, wired, wireless); n. Foot pedal.	(M)				
2.5 Support And Maintenance Parts	3. The Vendor should provide pricing that is competitive for all EFCD/SMTP-SPOI parts.	(R)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>2.6 Vendor Provided Support</b>						
2.6 Vendor Provided Support	1. In general any OS and/or software upgrade completed by the Vendor must not negatively affect the functionality, security, availability, maintainability, scalability, manageability, configurability or the quality of the EFCDs/SMTP-SPOI Servers.	(M)				
2.6 Vendor Provided Support	2. All the Vendor completed patches, OS changes and/or upgrades to the EFCDs/SMTP-SPOI Servers must be completed based on the frequency and timing stated in the SOR and its accompanying documents, unless otherwise agreed to by the RCMP/GC/CPMG in writing.	(M)				
2.6 Vendor Provided Support	3. Additionally, the component replacements/upgrades/reuse must allow the Vendor's EFCDs/SMTP-SPOI Servers to fully support all requirements as stated throughout the SOR and its accompanying documents. That is, any replacements/upgrades/reuse committed to by the Vendor becomes the full responsibility of the Vendor to provide a fully operational EFCD/SMTP-SPOI solution, unless agreed to with the RCMP/GC/CPMG in writing.	(M)				
2.6 Vendor Provided Support	4. The Vendor must provide the most effective and efficient upgrade method that allows all EFCDs/SMTP-SPOI Servers to be maintained in a manner that provides an acceptable level of risk as agreed to by the RCMP/GC/CPMG, if an RCMP/GC/CPMGs approved automated software update solution is not employed (e.g. SCCM).	(M)				
2.6 Vendor Provided Support	5. If the Vendor is providing an Anti-Virus (AV) solution, the Vendor must keep the AV DAT files and policies up-to-date on all EFCDs/SMTP-SPOI Servers being supported by the Vendor; that	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 2. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	are not supported by the RCMP/GC/CPMG. As well, the method of updates must be approved by the RCMP/GC/CPMG.					

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 3. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 General						
3.1 General	1. The RCMP/GC/CPMG wants to ensure the most cost effective and efficient approach is used to maximize the value that the RCMP/GC/CPMG obtains from the EFCDs/SMTP-SPOI Servers. Consequently, the RCMP/GC/CPMG has very specific software upgrade, defect and Service Plan requirements until EOL for the EFCDs/SMTP-SPOI Servers.	(I)				
3.2 Software Updates, Defect Corrections, Change Requests						
3.2 Software Updates, Defect Corrections, Change Requests	1. All RCMP/GC/CPMG devices under warranty or under a support and maintenance Service Plan must be entitled to receive notifications of and having access to software updates and defect (aka bug) fixes available/provided to all NMSO sites that are using the Vendor's solution at no additional charge.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	2. All software enhancements completed through a Change Request (CR) with a Task Authorization by the Vendor must be available for all NMSO sites that are using the Vendor's solution at no additional charge beyond Task Authorization, for all RCMP/GC/CPMG sites under warranty or under a support and	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 3. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	maintenance Service Plan. That is, Canada will only pay once for a software enhancement (i.e. CR) and then once approved, the new version of the software must be made available for all other RCMP/GC/CPMG departments/agencies that are under warranty or under a support and maintenance Service Plan.					
3.2 Software Updates, Defect Corrections, Change Requests	3. The Vendor must be responsible for the regression testing of any critical operating system or software upgrades that may be periodically installed during the warranty period or during any period of extended maintenance,	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	4. Any COTS product updates that are included in the Vendor's EFCD must be included in the RCMP/GC/CPMG EFCD software provided through this NMSO at no additional cost based on RCMP's approval.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	5. The Vendor must be responsible for the installation and regression testing of any application software upgrades that may be installed during the warranty period or during any period of extended service plan.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	6. The RCMP must be provided the opportunity to perform any testing they deem necessary to proposed software upgrades before deployment.	(M)				
3.2 Software Updates, Defect Corrections,	7. The Vendor must be solely responsible to correct any ICD 1.7.8 Rev 1.6 or ICD 2.1.1 Rev 3.0 (IMM) functionality compliancy	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 3. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Change Requests	issues discovered during the warranty period or during the period of any extended service plan.					
3.2 Software Updates, Defect Corrections, Change Requests	8. The Vendor must provide the RCMP or GC Department with a software upgrade that corrects the NPS-NIST-ICD non compliancy issue(s) within 15 business days of formal notification of the issue by the RCMP or GC Department, unless otherwise agreed to be the RCMP and the Contract Authority.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	9. The Vendor must, prior to installation of any software upgrade, provide to the RCMP and the GC Department a copy of their software release notes that identify the new software version numbers, any changes incorporated into the software upgrade, any issues or deficiencies the upgrade has corrected, and any outstanding issues or problems that are still open.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	10. The Vendor must guarantee the safety and integrity of the data stored on the EFCD/SMTP Server during any upgrade activities.	(M)				
3.2 Software Updates, Defect Corrections, Change Requests	11. The Vendor must ensure that after software upgrade to EFCD's, the next TCN is generated sequentially based on the last TCN generated prior to the upgrade.	(M)				
3.2 Software Updates, Defect Corrections,	12. The Vendor must ensure that all EFCD/SMTP Server software is maintained at a version level that is not older than six (6) months from the latest version level unless otherwise agreed to be the RCMP and the Contract Authority.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 3. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Change Requests						
3.3 Extended Service Plan Upgrades Until End-Of-Life						
3.3 Extended Service Plan Upgrades Until End-Of-Life	1. The RCMP/GC/CPMG want to ensure EFCDs/SMTP-SPOI Servers are supported by the Vendor until the EOL for the device, even if it extends beyond the NMSO expiry date. This allows a device to be replaced as part of an evergreening process when required without forcing the RCMP/GC/CPMG to replace the device or the device's software before EOL.	(I)				
3.3 Extended Service Plan Upgrades Until End-Of-Life	2. The Vendor must be responsible for supporting the EFCDs/SMTP-SPOI Servers until the EOL for the device under warranty or under a support and maintenance Service Plan.	(M)				
3.3 Extended Service Plan Upgrades Until End-Of-Life	3. When the RCMP/GC/CPMG department/agency purchases an Extended Service Plan or SOM Service Plan, the Vendor must continue to provide software upgrades for as long as the Service Plan is in effect, even it is extends beyond the NMSO expiry date.	(M)				
3.3 Extended Service Plan Upgrades Until End-Of-Life	4. When the RCMP/GC/CPMG department/agency purchases a Service Plan, the Vendor must continue to provide software enhancements, through Change Requests / Task Authorizations for as long as the Service Plan is in effect, even if it extends beyond the NMSO expiry date, at the same rates that applied under the Service Plan.	(M)				

Annex C to Appendix A: Support and Maintenance Requirements: Chapter 3. S						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.3.1 Service Until EOL						
3.3.1 Service Until EOL	1. It is critical to RCMP/GC/CPMG operations that EFCDs/SMTP-SPOIs procured through the NMSO resulting from this solicitation be able to maintain the devices until their EOL.	(I)				
3.3.1 Service Until EOL	2. To ensure the EFCDs/SMTP-SPOIs procured through the NMSO resulting from this solicitation can be effectively supported and maintained until EOL, the Vendor must agree to the following support and maintenance agreement for five (5) years after the end of the NMSO: <div><div>a. the Vendor must provide support and maintenance, based on the same terms, conditions and pricing of the NMSO;</div><div>b. complete Change Requests (CRs), as required, through negotiated Task Authorizations based on the same resource pricing list as agreed to in the NMSO;</div><div>c. subject only to yearly PSPC cost adjustments based on Government of Canada policy; and</div><div>d. with support and maintenance costs paid yearly through this five (5) period after the NMSO expires.</div></div>	(M)				

1.5 Annex D to Appendix A: Detailed Workflow Requirements – v1C

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 General						
1.1 General	1. This Annex D to the Appendix A SOR describes the detailed workflow requirements for the EFCDs. This is in addition to the workflow requirements stated in Annex B and the other requirements stated throughout the SOR and its accompanying documents.	(I)				
1.1 General	2. This document identifies what the Vendor's EFCDs are required to provide in order to satisfy the RCMP/GC/CPMG requirements for processing creating, editing, saving, deleting, sending and receiving criminal, refugee, immigration and civil fingerprint transactions. It describes the workflow and functional requirements to be provided by the EFCDs to support the business, interface, operational and quality requirements of the RCMP/GC/CPMG.	(I)				
1.2 Document Organization						
1.2 Document Organization	1. The detailed workflow requirements to be supported by the EFCDs are presented herein. These requirements are presented under various headings, such as General, CARY, CARN, REF, MAP, and IMM.	(I)				
1.2 Document Organization	2. There are technical requirements included with the functional workflow requirements to ensure clarity concerning the requirements. However, most of the detailed technical and implementation requirements are presented in Annex B.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>1.3 Supplemental Information</b>						
1.3 Supplemental Information	1. "Instructional Mode" allows a user to familiarize themselves with screens, functionality, enrolments etc. and can be used as a training tool. Refer to Annex B for further information concerning Instructional mode.	(I)				
1.3 Supplemental Information	2. Operational Livescan/Cardscan User (OLU) in these requirements always refers to the EFCD users. The Role Based Access Controls (RBAC) defined in Annex B provides the details for the access privileges for each type of user. The OLU is a person or persons who perform day-to-day enrolments, resubmissions and reviews search results in an operational environment.	(I)				
1.3 Supplemental Information	3. Operational Livescan/Cardscan Administrator (OLA) is the Vendor/GC resource that has EFCD application administrative privileges on the Livescan/Cardscan. This resource has application administrative privileges beyond the OLU to change the configuration of the Livescan/Cardscan application. Refer to Vendor on-site support and maintenance responsibilities included in Appendix A, SOR for details.	(I)				
1.3 Supplemental Information	4. System Administrator (aka Sys Admin and Administrator) is the GC resource that has site administrative privileges which includes control and responsibility for all aspects of the EFCDs including Operating System (OS), network connectivity and device level configuration.	(I)				
1.3 Supplemental Information	5. Lag Time is the elapsed time between two events. The use of lag time in this document reflects the timeframe between an action	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	being selected and the resulting execution of the action by the EFCD.					
1.3 Supplemental Information	6. There should be little to no lag time between the selecting of the action and the EFCD processing of the action.	(R)				
1.3 Supplemental Information	7. The terms Transaction Manager, Workflow Manager, etc., are RCMP terms to describe separate functional areas of the EFCDs. Any resemblance to a particular Vendor's solution in name, form or function is coincidental.	(I)				
1.3 Supplemental Information	8. A configurable parameter refers to a parameter that can be adjusted by a User who possesses the appropriate level of authorization. Configurable parameters typically refer to a system defined function, such as a Service Level Agreement (SLA), retention period for files, queue size, number of candidates, etc."	(I)				
1.3 Supplemental Information	9. A practical example would be "Set time to delete transactions from the EFCD configurable parameter". The OLA can change the value of this parameter, which will change how long before completed transactions are removed from the EFCD, without requiring a code change.	(I)				
1.3 Supplemental Information	10. The HELP button on the EFCD device must provide the OLU with text and diagrams, if available, that provide help details based on the Vendor's Best Practices.	(M)				
1.3 Supplemental Information	11. The "helpful tips" must display at the bottom of each screen in the workflow and provide information to assist the OLU with data entry or process for each field or capture screen.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.3 Supplemental Information	12. Type of Transaction (TOT) will be referred hereafter as TOT.	(I)				
1.3 Supplemental Information	13. The OLU must be able to use the following methods to navigate throughout the workflow to take an action or complete a selection, unless otherwise stated. a. Tap on a touchscreen; b. Using a mouse to click or scroll; c. Press of a key (use of Tab key and up and down arrows to navigate the buttons and using the Enter key or Space key to activate the button).	(M)				
1.3 Supplemental Information	14. The term 'greyed out' in this Annex, identifies that particular fields or buttons must not be editable or cannot be populated by the OLU.	(M)				
1.3 Supplemental Information	15. A NIST capture box for the purposes of this document is defined as a tool for defining the retained pixel image data by cropping unwanted image data from the area around the each of the rolled fingers, plain fingers, palms and ID Flat fingerprint impressions and saved in the appropriate fingerprint image type record. The NIST capture boxes must meet the following criteria and functionality: a. The NIST capture boxes must appear as an overlay on the image of the scanned fingerprint form. b. The NIST capture boxes must have a border outline colour of blue. c. The NIST capture boxes must have an initial size and aspect ratio as specified in ICD 1.7.8 rev. 1.6, Table A-2: Finger/Palm	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	Box Sizes, relative to the size of the scanned fingerprint form image displayed on screen.					
1.3 Supplemental Information	<p>16. The NIST capture box must provide the following functionality</p> <p>a. Position:</p> <p>i. The NIST capture box must provide positional adjustment by placing the pointer within the NIST capture box area and click and dragging to a new location within the image area of the scanned fingerprint form.</p> <p>b. Size:</p> <p>i. The NIST capture box must provide horizontal and vertical adjustment of the NIST capture box pixel dimensions, by use of control handles in each corner of the NIST capture box.</p> <p>ii. The NIST capture box must not exceed the maximum horizontal and vertical pixel dimensions of the associated finger/palm impression as specified in ICD 1.7.8 rev. 1.6, Table A-2: Finger/Palm Box Sizes.</p> <p>c. Rotation:</p> <p>i. The NIST capture box must provide rotational adjustment relative to the centre of the NIST capture box, by use of a rotational control positioned on one edge of the NIST capture box.</p>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.4 Objectives						
1.4 Objectives	1. The purpose of this document is to describe the functional requirements that are to be satisfied by the Vendor's EFCDs.	(I)				
1.4 Objectives	2. The EFCD must support: a. Criminal, Refugee and Civil workflows that are compliant with the NPS-NIST-ICD Version 1.7.8. Rev 1.6. Any further references herein will appear as ICD 1.7.8; b. Immigration workflow that is compliant with the NSP-NIST-ICD 2.1.1 Rev 3.0. Any further references herein will appear as ICD 2.1.1; c. The capture of rolled, plain and palm images for criminal and refugee, transactions; d. The capture of rolled and plain images for civil transactions; e. The capture of ID Flat images for civil transactions; f. The capture of ID Flat images for Immigration transactions; g. Electronic submission of fingerprints, palm prints, biographic data and facial images to the RTID System; h. FBI Appendix F certified specifications; i. Livescan and Cardscan capture of full or upper, lower and writer's palms; j. Fingerprint capture from fingerprint cards; k. Fingerprint sequence checks; l. Palm sequence checks; m. Biometric consent checks; n. Vulnerable Sector Screening;	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	o. RMS/DMS (Record Management System/ Document Management System) interface; p. Ease of use (user friendly); and q. User configurable parameters.					
1.5 Terms of Reference						
1.5 Terms of Reference	1. The term “description(s)” used in this document refers to how code values are displayed. (e.g., Code UP displayed as Bandaged).	(I)				
1.5 Terms of Reference	2. The term “stage” refers to the steps or processes of the workflow (e.g., Demographic Data Capture, Fingerprint Capture, etc.).	(I)				
1.5 Terms of Reference	3. The term “screen” refers to the individual screens included within a stage of the workflow. (e.g., Capture Left Index which would be associated to the stage of the workflow titled “Fingerprint Capture”).	(I)				
1.5 Terms of Reference	4. Touchscreen, mouse click and tab refer to the acceptable methods of navigating the screens within all defined workflows.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 2. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 General						
2.1 General	1. The EFCD workflows must allow both the OLA and the OLU to work in Canadian English or Canadian French and the working language must be based on the language selected at login.	(M)				
2.1 General	2. If the OLU selects English, the EFCD must present all Graphical User Interface (GUI) screens in English and automatically populate Tag 2.819 with a code value of "E".	(M)				
2.1 General	3. If the OLU selects French, the EFCD must present all GUI screens in Canadian French and automatically populate Tag 2.819 with a code value of "F".	(M)				
2.1 General	4. All print jobs must print in the language selected at login.	(M)				
2.1 General	5. The EFCD Help Files must be in Canadian English or Canadian French based on the language selected at login (e.g. English help files for English language selection and French help files for French language selection).	(M)				
2.1 General	6. The EFCD workflow functionality must be identical regardless of language selected at login.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 3. G						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 General						
3.1 General	1. The EFCD must allow for touchscreen capabilities that permit the OLU to make onscreen selections by touching specific buttons or fields located on the screen in lieu of using a mouse, a cordless mouse, a mouse touchpad or keyboard to allow the OLU to navigate the screens.	(M)				
3.1 General	2. The EFCD must include a keyboard, a corded mouse, a cordless mouse, and a mouse touchpad.	(M)				
3.1 General	3. The Cardscan device must include two monitors.	(M)				
3.1 General	4. Touchscreen, scroll bar fields and buttons should operate smoothly with no lag time.	(R)				
3.1 General	5. The GUI must use full screen mode.	(M)				
3.1 General	6. Dropdown lists on the EFCD must have a filter input for fields with a selection of possible values. a. This filter input is defined as allowing an OLU to minimize the number of key strokes by entering the least number of alpha characters to select the desired input to a field. Additionally, it must support a dropdown list selection of data and allow the OLU to manually select the desired data input from a dropdown list. b. For example, if the cursor was at the “Hair Colour” field and the OLU entered the alpha character “B” then the application must display “BALD in the field. If the OLU added another alpha character such as “L” to represent “BL” then the application must display “BLACK” in the field. If the OLU was to add yet a third alpha character such as “O” to represent	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 3. G						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>“BLO” then the application must display “BLONDE” in the field.</p> <p>c. The OLU must be able to navigate the dropdown list by use of the up and down arrows on the keyboard, mouse scroll and /or touchscreen.</p> <p>d. The OLA must be able to add/change/delete the list for site specific fields.</p>					
3.1 General	7. The EFCD must also allow the manual population of any input field. That is, if the user wants to continuous type to achieve the valid input for a field, then the EFCD must allow this and still validate that the input data is valid.	(M)				
3.1 General	8. The EFCD must validate input on manual entry fields to ensure that data populated conforms to the character type specified in the logical record. If the OLU enters an invalid character type, the EFCD must advise the OLU through use of a pop up window that this character type is not allowed. This functionality must allow the OLU to select OK and be returned to the data entry field for correction.	(M)				
3.1 General	9. The EFCD must not submit a transaction to the RTID System if the ICD validation and business rules are not met.	(M)				
3.1 General	10. The EFCD must prompt the OLU with an error message when an entry for a field is outside of the allowable parameters (e.g. Height is entered as 255 when the allowable range is 91-251).	(M)				
3.1 General	11. All screens must have a scroll bar to allow the OLU to navigate the full length of the screen if required.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 3. G						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 General	12. All fields must word wrap if required and if necessary display scroll bars.	(M)				
3.1 General	13. The EFCD must highlight each mandatory field and conditional fields that become mandatory in pale yellow and be consistent throughout all workflows.	(M)				
3.1 General	14. It is preferred that the mandatory fields highlighted in pale yellow be configurable to allow a different colour as part of the EFCD installation process.	(R)				
3.1 General	15. A conditional field that does not become mandatory and thus does not require user input, must be greyed out.	(M)				
3.1 General	16. The requirements as written have screens that open upon selection of a button and under certain circumstances, the fields contained within these dialog boxes will become mandatory. The button must be highlighted in pale yellow to indicate to the OLU that there are mandatory requirements that must be met within that screen.	(M)				
3.1 General	17. The EFCD must remove the highlight when the OLU has entered all required information in the mandatory and conditionally mandatory fields.	(M)				
3.1 General	18. The Livescan must be equipped with a barcode/magstripe reader to allow for a scan/swipe and automatic population of identification information (e.g. Driver's license) that accounts for provincial and country variances.	(M)				
3.1 General	19. When an entry is selected within a table, the full row of information must be highlighted in pale grey so that OLU is able to distinguish it from the other rows of data.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 3. G						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 General	20. The Livescan must accommodate for Auto-Capture and Auto-Advance during the fingerprint capture process. a. Auto-Capture i. The digitizing of the fingerprint is started automatically. b. Auto-Advance i. Once captured, if the image is of sufficient quality the EFCD must automatically move on to the capture of the next finger.	(M)				
3.1 General	21. The Livescan must come equipped with a foot pedal to allow the OLU to force the capture of fingerprint images or a photo.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.1 General						
4.1 General	1. The following notes apply to all screen mock-ups a. "TOT" is a generic reference to mean whatever applicable TOT. There was no attempt to create a screen mock-up for every TOT. As stated in the requirements, the EFCD must populate the TOT with the appropriate titles; and b. The Status Menu has empty tabs (i.e. blank) for most tabs on the screen mock-ups. Typically, only the tab under consideration is shown on the screen mock-up. Since the tabs	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	change based on the TOT and/or device, there was no attempt to create a screen mock-up for every TOT/device scenario. As stated in the requirements, the EFCD must populate the status menu tabs with the appropriate titles.					
4.2 Screen Headers						
4.2 Screen Headers	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.2 Screen Headers	2. The EFCD must display as outlined below, a main header on each screen based on the TOT chosen by the OLU from the Workflow Manager screen. a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. ELIMINATION PRINTS i. CRIMINAL CHARGES RMS j. CRIMINAL RECORD INQUIRY RMS	(M)				
4.2 Screen Headers	3. The header must be centered on the screen and must be on each screen of the workflow process.	(M)				
4.2 Screen Headers	4. A subheader must be displayed on each screen of the workflow process and must be centered below the main header. a. ELIMINATION CONFIRMATION	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. AGENCY INFORMATION c. APPLICATION TYPE DETAILS d. DEMOGRAPHIC DATA CAPTURE e. PHOTO CAPTURE f. FINGERPRINT CAPTURE g. PALM PRINT CAPTURE h. FINGERPRINT SUMMARY i. CONSENT j. PRINT k. SUBMIT					
4.2 Screen Headers	5. The main header must all be in uppercase.	(M)				
4.2 Screen Headers	6. The subheader must all be in uppercase.	(M)				
4.2 Screen Headers	7. All of the header rows must remain visible as the OLU scrolls through the input fields.	(M)				
4.3 Helpful Tips						
4.3 Helpful Tips	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.3 Helpful Tips	2. Please note that there are “helpful tips” identified throughout the document that must also be implemented.	(M)				
4.3 Helpful Tips	3. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with data entry or process for each field or photo/fingerprint capture screen.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.3 Helpful Tips	4. The “helpful tips” must be displayed when the cursor is placed on a field or button.	(M)				
4.3 Helpful Tips	5. The HELP button must open a generic on-line help file that the user can search for topics.	(M)				
4.3 Helpful Tips	6. The “helpful tips” table is found in Table 24 - Helpful Tip Wording and Tag Display for Type -2 demographic data.	(I)				
4.3 Helpful Tips	7. The table identifies the help text for each tag that must be present in each TOT and whether the tag applies to the Livescan or Cardscan. Please note potential differences in the “helpful tips” wording for Livescan compared to the Cardscan.	(M)				
4.3 Helpful Tips	8. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with the requirements of the Submit Screen. (e.g. Priority requirements, printing of fingerprint forms, biometric consent forms and photos.) Please refer to Table 25 - Submit Screen Helpful Tips.	(M)				
4.3 Helpful Tips	9. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with the photo capture process. These tips must be based on the vendor’s best practices for the capture of photos for the Livescan and the Cardscan.	(M)				
4.3 Helpful Tips	10. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with fingerprint capture. These tips must be based on the Vendor’s best practices for the capture of fingerprints for the Livescan and the Cardscan but must not display any information about the order in which the prints are to be captured or information on which image to enroll.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.3 Helpful Tips	11. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with the palm print capture. These tips must be based on the Vendor’s best practices for the capture of palm prints for the Livescan and the Cardscan.	(M)				
4.3 Helpful Tips	12. The EFCD must display at the bottom of each screen in the workflow, “helpful tips” that assist the OLU with consent capture. These tips must be based on the Vendor’s best practices.	(M)				
4.3 Helpful Tips	13. The font size for the “helpful tips” must be consistent throughout all screens.	(M)				
4.3 Helpful Tips	14. The “helpful tips” must be displayed to the OLU exactly as depicted in Section 27 Helpful Tip Wording and Tag Display.	(M)				
4.3 Helpful Tips	15. The Vendor’s Best Practices for the photo capture and fingerprint capture “helpful tips” must be displayed in the same manner as the “helpful tips” for ease of readability and consistency.	(M)				
4.3 Helpful Tips	16. The “helpful tips” must remain visible as the screen scrolls.	(M)				
4.3 Helpful Tips	17. The Helpful Tips box must include a scroll bar when required.	(M)				
<b>4.4 DCN and TCN</b>						
<b>4.4.1 DCN (Tag 2.800)</b>						
4.4.1 DCN (Tag 2.800)	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.4.1 DCN (Tag 2.800)	2. The EFCD must automatically generate a unique Document Control Number (DCN) for each new submission.	(M)				
4.4.1 DCN (Tag 2.800)	3. The EFCD must automatically populate the DCN on the screen as per the screen mock-up.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.4.1 DCN (Tag 2.800)	4. The DCN must not be editable by the OLU.	(M)				
4.4.1 DCN (Tag 2.800)	5. The EFCD must display the DCN as: a. DCN nnnnnnnnnnnnnnnnnnnnn	(M)				
4.4.1 DCN (Tag 2.800)	6. The DCN must be populated and visible on all workflow screens.	(M)				
4.4.1 DCN (Tag 2.800)	7. Since the DCN is automatically generated, it must not be highlighted as a mandatory field.	(M)				
4.4.1.1 RMS DCN Requirements						
4.4.1.1 RMS DCN Requirements	1. Upon the selection of the following workflows, the DCN may have been created by the RMS system. a. CRIMINAL CHARGES RMS b. CRIMINAL RECORD INQUIRY RMS	(M)				
4.4.1.1 RMS DCN Requirements	2. The Livescan must populate and display the DCN sent from the RMS. The Livescan must not generate a new DCN.	(M)				
4.4.1.1 RMS DCN Requirements	3. If the RMS does not submit a DCN to the Livescan, the Livescan must automatically generate a unique DCN for the submission.	(M)				
4.4.2 TCN (Tag 1.009)						
4.4.2 TCN (Tag 1.009)	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.4.2 TCN (Tag 1.009)	2. The EFCD must automatically generate a unique Transaction Control Number (TCN) for each new transaction.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.4.2 TCN (Tag 1.009)	3. The EFCD must automatically populate the TCN on the screen as per the screen mock-up.	(M)				
4.4.2 TCN (Tag 1.009)	4. The TCN must not be editable by the OLU.	(M)				
4.4.2 TCN (Tag 1.009)	5. The EFCD must display the TCN as: a. 1.7.8. TCN Format nnnnnnnnnnnnnnn b. 2.1.1 TCN Format nnnnnnnnnnnnnnnnnnnnnnn	(M)				
4.4.2 TCN (Tag 1.009)	6. The TCN must be populated and visible on all workflow screens.	(M)				
4.4.2 TCN (Tag 1.009)	7. Since the TCN is automatically generated, it must not be highlighted as a mandatory field.	(M)				
4.5 Vendor Information						
4.5 Vendor Information	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.5 Vendor Information	2. The EFCD must display the Vendor name and the software version number on the top, left-hand side of the screen.	(M)				
4.6 Workflow Manager Button Functionality						
4.6.1 EFCD Workflow						
4.6.1 EFCD Workflow	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.6.1 EFCD Workflow	2. The following buttons must be displayed at the bottom of each screen in the workflow, below the “helpful tips” in the order listed and must remain visible to the OLU as the screen scrolls.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>a. CANCEL</li> <li>b. HELP</li> <li>c. ON-HOLD</li> <li>d. PREVIOUS</li> <li>e. NEXT</li> <li>f. SUBMIT</li> </ul>					
<b>4.6.1.1 Cancel</b>						
4.6.1.1 Cancel	1. Refer to Figure 4 - Cancel Transaction.	(I)				
4.6.1.1 Cancel	2. The CANCEL button must be displayed to the OLU at each stage of the workflow.	(M)				
4.6.1.1 Cancel	3. The CANCEL button must allow the OLU to cancel a transaction prior to submitting to the RTID system.	(M)				
4.6.1.1 Cancel	4. The EFCD must display a dialog box to confirm the cancellation of the transaction with a YES and NO option. <ul style="list-style-type: none"> <li>a. Upon selection of YES, the transaction is canceled and the OLU is returned to the Workflow Manager.</li> <li>b. Upon selection of NO, the OLU is returned to the current field or screen requiring OLU input in the workflow just before the selection of the CANCEL button.</li> </ul>	(M)				
4.6.1.1 Cancel	5. The CANCEL button must be greyed out if the transaction has been submitted to the RTID system.	(M)				
<b>4.6.1.2 Help</b>						
4.6.1.2 Help	1. The HELP button must be displayed to the OLU at each stage of the workflow.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.6.1.2 Help	2. The HELP button must provide the OLU with text and diagrams (if available) that provide help details based on the Vendor's Best Practices.	(M)				
<b>4.6.1.3 On-Hold</b>						
4.6.1.3 On-Hold	1. The ON-HOLD button must be displayed to the OLU at each stage of the workflow.	(M)				
4.6.1.3 On-Hold	2. The ON-HOLD button must allow the OLU to put a transaction in an On-Hold state. Refer to Section 26.3.8.6 for further information on the On-Hold functionality.	(M)				
<b>4.6.1.4 Previous</b>						
4.6.1.4 Previous	1. The PREVIOUS button must be displayed to the OLU at each stage of the workflow.	(M)				
4.6.1.4 Previous	2. The PREVIOUS button must allow the OLU to return to the previous stage in the workflow.	(M)				
4.6.1.4 Previous	3. The PREVIOUS button must be greyed out and not allow the OLU to return to the previous stage in the workflow, if that stage is the Workflow Manager Screen.	(M)				
<b>4.6.1.5 Next</b>						
4.6.1.5 Next	1. THE NEXT button must be displayed to the OLU at each stage of the workflow.	(M)				
4.6.1.5 Next	2. The NEXT button must be greyed out and not allow the OLU to proceed to the next stage in the workflow until all mandatory requirements have been met in the current stage.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.6.1.5 Next	3. The NEXT button must be greyed out on the last stage of the workflow.	(M)				
<b>4.6.1.6 Submit</b>						
4.6.1.6 Submit	1. The SUBMIT button must be greyed out and only be available for selection once all mandatory requirements have been met, and the OLU has completed all stages of the workflow and the transaction is ready to be submitted for search.	(M)				
<b>4.6.2 Livescan Elimination Workflow Buttons</b>						
4.6.2 Livescan Elimination Workflow Buttons	1. Refer to Figure 49 - Elimination Prints-Elimination Confirmation Screen.	(I)				
4.6.2 Livescan Elimination Workflow Buttons	2. The following button options must be displayed at the bottom of each screen in the Livescan Elimination workflow (Refer to Section 25.1.1), below the “helpful tips” in the order listed and must remain visible to the OLU as the screen scrolls. a. CANCEL b. HELP c. PREVIOUS d. NEXT	(M)				
<b>4.6.3 Navigation Using Buttons</b>						
4.6.3 Navigation Using Buttons	1. The EFCD must allow the OLU to navigate backwards from any of the workflow screens by use of the PREVIOUS button, even if all mandatory requirements have not been met on the current screen.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.6.3 Navigation Using Buttons	2. The OLU must not be able to navigate back to the Workflow Manager screen by use of the PREVIOUS button.	(M)				
4.6.3 Navigation Using Buttons	3. The EFCD must not allow the OLU to navigate forward from any of the screens in the workflow by use of the NEXT button, until all mandatory requirements have been met in each workflow screen.	(M)				
4.7 Status Menu						
4.7.1 Appearance						
4.7.1 Appearance	1. Refer to Figure 3 - EFCD User Interface.	(I)				
4.7.1 Appearance	2. Refer to Figure 49 - Elimination Prints-Elimination Confirmation Screen.	(I)				
4.7.1 Appearance	3. The EFCD must display a status menu at each stage of the workflow that provides the OLU a visual of the stage that they are at in the process.	(M)				
4.7.1 Appearance	4. The status menu must remain visible to the OLU as they move through each stage of the workflow. (M)The Livescan status menu must display the following in vertical tab format. Not all status menu tabs will be required for each TOT and the required status menu tabs as they apply to each TOT will be discussed within the workflow for each. a. ELIMINATION CONFIRMATION; b. RMS DATA c. AGENCY INFORMATION d. APPLICATION TYPE DETAILS e. DEMOGRAPHIC DATA CAPTURE	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	f. PHOTO CAPTURE g. FINGERPRINT CAPTURE h. PALM PRINT CAPTURE i. FINGERPRINT SUMMARY j. CONSENT CAPTURE k. SUBMIT; and l. PRINT.					
4.7.1 Appearance	5. The Cardscan status menu must display the following in tab format. Not all status menu tabs will be required for each TOT and the required status menu tabs as they apply to each TOT will be discussed within the workflow for each. a. AGENCY INFORMATION b. APPLICATION TYPE DETAILS c. DEMOGRAPHIC DATA CAPTURE d. FINGERPRINT CAPTURE e. PALM PRINT CAPTURE f. CONSENT CAPTURE g. PHOTO CAPTURE h. SUBMIT	(M)				
4.7.1 Appearance	6. The EFCD must display the applicable status menu tabs once the OLU selects the TOT.	(M)				
4.7.2 Tab Functionality						
4.7.2 Tab Functionality	1. Refer to Figure 3 - EFCD User Interface.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.2 Tab Functionality	2. At the beginning of the workflow, each tab on the status menu must have a non-completion indicator at the start of each workflow to identify to the OLU that all stages of the workflow are incomplete.	(M)				
4.7.2 Tab Functionality	3. This non-completion indicator must be a red x.	(M)				
4.7.2 Tab Functionality	4. There must be a black left arrow pointing to the current stage of the workflow on the status menu.	(M)				
4.7.2 Tab Functionality	5. The status menu must identify to the OLU which stages of the workflow have been completed by use of a completion indicator.	(M)				
4.7.2 Tab Functionality	6. The status menu must identify to the OLU by use of a green checkmark, which stages of the workflow have been completed.	(M)				
4.7.2 Tab Functionality	7. The status menu must identify to the OLU which stages of the workflow have not been completed by use of a non-completion indicator.	(M)				
4.7.2 Tab Functionality	8. The status menu must identify to the OLU by use of a red x, which stages of the workflow have not been completed.	(M)				
4.7.2 Tab Functionality	9. The status menu must be capable of expanding downward to accommodate for submenus, if required when the OLU is at a specific stage in the workflow.	(M)				
4.7.2 Tab Functionality	10. The EFCD must highlight the tab, by use of shading to distinguish it from the other tabs. For example, The EFCD Demographic Data Capture tab must be highlighted to identify to the OLU that they are in the demographic data capture stage of the workflow.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.2 Tab Functionality	11. Upon completion of a stage in the workflow process and upon selection of the NEXT button, a completion indicator must appear to indicate to the OLU that all mandatory requirements have been completed. For example, upon completion of the Demographic Data capture on the EFCD and upon selection of the NEXT button, the completion indicator must appear to indicate to the OLU that all mandatory demographic data has been entered.	(M)				
4.7.2 Tab Functionality	12. When the NEXT button has been clicked or tapped on the EFCD, and all mandatory requirements have been met, the tab must no longer be highlighted (e.g. if all mandatory requirements in the Demographic Data Capture stage have been met, the tab must no longer be highlighted if the OLU selects the NEXT button.)	(M)				
4.7.2 Tab Functionality	13. The OLU must be able to select another status menu tab and be allowed to move to another stage in the workflow. Once in another stage of the workflow, the previously highlighted tab must no longer be highlighted.	(M)				
4.7.2 Tab Functionality	14. Upon completion of a stage in the workflow process, a green checkmark must be displayed beside the tab name, on the right side, to indicate to the OLU that all mandatory requirements for that particular process have been met.	(M)				
4.7.2 Tab Functionality	15. Once all mandatory data requirements for a process (e.g. Demographic Data Capture) have been completed, the OLU must be able to select the NEXT button and move to the next stage of the process and a completion indicator must be added to the tab.	(M)				
4.7.2 Tab Functionality	16. The OLU must be allowed to select a tab and move to that stage of the workflow, even if all mandatory requirements have not been met in the current stage.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.2 Tab Functionality	17. The OLU must be allowed to select a tab that has a completion indicator in order to review and edit the information prior to the transaction being submitted to the RTID System.	(M)				
<b>4.7.3 Status Menu Tabs – Availability per Workflow</b>						
<b>4.7.3.1 Elimination Confirmation</b>						
4.7.3.1 Elimination Confirmation	1. The Elimination Confirmation status menu tab must be available on the Livescan for the following workflow: a. ELIMINATION	(M)				
<b>4.7.3.2 RMS Data</b>						
4.7.3.2 RMS Data	1. The RMS Data status menu tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES RMS b. CRIMINAL RECORD INQUIRY RMS	(M)				
<b>4.7.3.3 Agency Information</b>						
4.7.3.3 Agency Information	1. The Agency Information status menu tab must be available on the Livescan for the following workflows: a. REFUGEE b. CIVIL APPLICATION c. CIVIL VULNERABLE SECTOR APPLICATION	(M)				
4.7.3.3 Agency Information	2. The Agency Information status menu tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c. REFUGEE d. CIVIL APPLICATION e. CIVIL VULNERABLE SECTOR APPLICATION					
4.7.3.4 Application Type Details						
4.7.3.4 Application Type Details	1. The Application Type Details status menu tab must be available on the Livescan and Cardscan for the following workflows: a. CIVIL APPLICATION b. CIVIL VULNERABLE SECTOR APPLICATION	(M)				
4.7.3.5 Demographic Data Capture						
4.7.3.5 Demographic Data Capture	1. The Demographic Data Capture status menu tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. ELIMINATION PRINTS i. CRIMINAL CHARGES RMS j. CRIMINAL RECORD INQUIRY RMS	(M)				
4.7.3.5 Demographic Data Capture	2. The Demographic Data Capture status menu tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. CIVIL APPLICATION f. CIVIL VULNERABLE SECTOR APPLICATION					
4.7.3.6 Photo Capture						
4.7.3.6 Photo Capture	1. The Photo Capture status menu tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. CRIMINAL CHARGES RMS i. CRIMINAL RECORD INQUIRY RMS	(M)				
4.7.3.6 Photo Capture	2. The Photo Capture status menu tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. CIVIL APPLICATION	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	f. CIVIL VULNERABLE SECTOR APPLICATION					
<b>4.7.3.6.1 Photo Capture Tab - Functionality Differences</b>						
4.7.3.6.1 Photo Capture Tab - Functionality Differences	1. Upon selection of the NEXT button on the Livescan, a completion indicator must appear to indicate to the OLU that all mandatory photo requirements have been met.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	2. Upon selection of the NEXT button on the Cardscan, a completion indicator must appear to indicate to the OLU that all mandatory photo requirements have been met.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	3. If the Photo capture on the EFCD is skipped, the status menu tab must identify by use of a completion indicator, that although the capture was skipped, the photo requirements have been met.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	4. If a photo(s) on the EFCD was not captured, the tab must identify by use of a green x that the photo(s) was not captured.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	5. Once all Livescan photo capture requirements have been met, the OLU must be able to select the NEXT button and move to the next stage of the process and a completion indicator must be added to the tab.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	6. Once all Cardscan photo capture requirements have been met, the OLU must be able to select the SUBMIT button and move to the next stage of the process and a completion indicator must be added to the tab.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.6.1 Photo Capture Tab - Functionality Differences	7. When the NEXT button has been clicked or tapped on the Livescan, the Photo Capture tab must no longer be highlighted.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	8. When the SUBMIT button has been clicked or tapped on the Cardscan, the Photo Capture tab must no longer be highlighted.	(M)				
4.7.3.6.1 Photo Capture Tab - Functionality Differences	9. The non-completion indicator on the EFCD must be a red x and must be displayed on the tab after the Photo Capture label to indicate to the OLU that all mandatory requirements have not been met.	(M)				
4.7.3.7 Fingerprint Capture						
4.7.3.7 Fingerprint Capture	1. The Fingerprint Capture status menu tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. ELIMINATION PRINTS i. CRIMINAL CHARGES RMS j. CRIMINAL RECORD INQUIRY RMS	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.7 Fingerprint Capture	2. The Fingerprint Capture tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. CIVIL APPLICATION f. CIVIL VULNERABLE SECTOR APPLICATION	(M)				
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences						
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	1. Refer to Figure 35 - Livescan Fingerprint Capture.	(I)				
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	2. The Livescan Fingerprint Capture tab must expand downwards and display the sequence in which the fingerprints must be captured.	(M)				
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	3. The Cardscan Fingerprint Capture tab must be displayed but does not need to expand downwards.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	4. The Livescan Fingerprint Capture tab must display the sequence in which the fingerprint images are captured based on the TOT and the order described in Section 12.1.1.1.	(M)				
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	5. The Livescan capture of ID Flats fingerprint images must follow the order outlined in Section 12.1.1.1.3.	(M)				
4.7.3.7.1 Fingerprint Capture Tab - Functionality Differences	6. Once all fingerprint capture requirements have been met, the Fingerprint Capture tab must collapse.	(M)				
4.7.3.7.1.1 Missing Fingerprint Reason Tab						
4.7.3.7.1.1 Missing Fingerprint Reason Tab	1. Refer to Figure 33 - Missing Fingerprint Reason.	(I)				
4.7.3.7.1.1 Missing Fingerprint Reason Tab	2. The Livescan status menu must display a Missing Fingerprint Reason subtab.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>4.7.3.7.1.2 Rolled and Plain Fingerprint Images</b>						
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	1. The Livescan status menu must display the sequence in which the fingerprints must be captured. Refer to Section 12.1.1.1 for further information on the sequence of fingerprint capture.	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	2. The Livescan status menu must identify that the plain impression image or finger has not been captured by displaying a missing finger reason and highlight the next plain impression image or finger to be captured.	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	3. The EFCD status menu must identify to the OLU the current image capture that is being requested.	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	4. The Livescan status menu must identify that the plain impression image or finger has been captured by use of a completion indicator and highlight the next plain impression image or finger to be captured.	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	5. A green checkmark must be used to identify that the plain impression image or finger has been captured.	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	6. The Livescan must display the missing finger reason beside each individual finger subtab in the status menu.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	7. The Status menu must display the missing fingerprint reason by use of the following: a. Amputated as A b. Bandaged as B c. Physical Limitations as PL	(M)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	8. Refer to Figure 35 - Livescan Fingerprint Capture.	(I)				
4.7.3.7.1.2 Rolled and Plain Fingerprint Images	9. Refer to Figure 37 - Cardscan Fingerprint Capture for status tab functionality for Cardscan.	(I)				
<b>4.7.3.7.1.3 ID Flats</b>						
4.7.3.7.1.3 ID Flats	1. Refer to Figure 34 - Livescan ID Flat Plain Impression Capture.	(I)				
4.7.3.7.1.3 ID Flats	2. The Livescan status menu must expand downwards to display the sequence in which the ID Flat images must be captured.	(M)				
4.7.3.7.1.3 ID Flats	3. The sequence in which the ID Flat images are displayed on the Livescan for capture, must be based on the order in Section 12.1.1.1.3.	(M)				
4.7.3.7.1.3 ID Flats	4. On a Livescan, if an ID Flat image or finger has been identified as missing, the status menu must identify the finger is missing.	(M)				
4.7.3.7.1.3 ID Flats	5. The EFCD status menu must identify to the OLU the current image capture that is being requested.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.7.1.3 ID Flats	6. The Livescan status menu must identify that the ID Flat image has been captured by use of a completion indicator and highlight the next plain impression image to be captured.	(M)				
4.7.3.7.1.3 ID Flats	7. A green checkmark must be used to identify that the ID Flat image has been captured.	(M)				
4.7.3.7.1.3 ID Flats	8. The Status menu must display the missing fingerprint reason by use of the following: a. Amputated as A b. Bandaged as B c. Physical Limitations as PL	(M)				
4.7.3.7.1.3 ID Flats	9. Refer to Figure 36 - Cardscan ID Flats Fingerprint Capture for status tab functionality for Cardscan.	(I)				
4.7.3.8 Palm Print Capture						
4.7.3.8 Palm Print Capture	1. The Palm Print Capture tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. CRIMINAL CHARGES RMS f. CRIMINAL RECORD INQUIRY RMS	(M)				
4.7.3.8 Palm Print Capture	2. The Palm Print Capture tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE					
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences						
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	1. Refer to Figure 38 - Livescan Upper Palm Capture.	(I)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	2. Refer to Figure 39 - Livescan Lower Palm Capture.	(I)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	3. Refer to Figure 40 - Livescan Writers Palm Capture.	(I)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	4. Refer to Figure 41 - Cardscan Palm Print Capture.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	5. The Livescan status menu must expand downwards to display the sequence in which the palm prints must be captured. Refer to Section 12.1.1.2.	(M)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	6. The sequence in which the palm prints are displayed on the Livescan for capture, must be based on the order in Section 12.1.1.2.	(M)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	7. The sequence in which the palm prints are displayed on the Cardscan for scanning must be based on the order in Section 12.2.1.3.	(M)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	8. Once all fingerprint capture requirements have been met, the Palm Print Capture tab must collapse.	(M)				
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	9. Upon completion of the Palm Print Capture requirements on the EFCD and upon selection of the NEXT button, a completion indicator must appear to indicate to the OLU that all mandatory palm print requirements have been met.	(M)				
4.7.3.8.1 Palm Print Capture	10. If the Palm Print capture is skipped on the EFCD, the status menu tab must identify by use of a completion indicator, that although	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Tab - Functionality Differences	the capture was skipped, the palm print capture requirements have been met.					
4.7.3.8.1 Palm Print Capture Tab - Functionality Differences	11. If palm prints on the EFCD were not captured, the tab must identify by use of a green x that palm prints were not captured.	(M)				
4.7.3.9 Fingerprint Summary						
4.7.3.9 Fingerprint Summary	1. Refer to Figure 42 - Ten Print Summary Screen.	(I)				
4.7.3.9 Fingerprint Summary	2. Refer to Figure 44 - Livescan ID Flat Summary.	(I)				
4.7.3.9 Fingerprint Summary	3. The Fingerprint Summary tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. ELIMINATION PRINTS	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	i. CRIMINAL CHARGES RMS j. CRIMINAL RECORD INQUIRY RMS					
4.7.3.9.1 Fingerprint Summary Tab – Functionality Differences						
4.7.3.9.1 Fingerprint Summary Tab – Functionality Differences	1. Upon selection of the NEXT button, a completion indicator must appear to indicate to the OLU that all mandatory fingerprint summary requirements have been met.	(M)				
4.7.3.9.1 Fingerprint Summary Tab – Functionality Differences	2. Once all mandatory fingerprint summary requirements have been met, the OLU must be able to select the NEXT button and move the next stage of the process and a completion indicator must be added to the tab.	(M)				
4.7.3.9.1 Fingerprint Summary Tab – Functionality Differences	3. When the next button has been clicked or tapped on the Livescan, the Fingerprint Summary tab must no longer be highlighted.	(M)				
4.7.3.9.1 Fingerprint Summary Tab – Functionality Differences	4. If the NEXT button was not used to move to the next stage of the process, the Fingerprint Summary tab must display the non-completion indicator to alert the OLU that all mandatory requirements have not been met.	(M)				
4.7.3.10 Consent						
4.7.3.10 Consent	1. Refer to Figure 45 - Livescan Consent.	(I)				

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4.7.3.10 Consent	2. The Consent tab must be available on the Livescan for the following workflows: a. CIVIL APPLICATION b. CIVIL VULNERABLE SECTOR APPLICATION	(M)				
4.7.3.10 Consent	3. Refer to Figure 46 - Cardscan Consent.	(I)				
4.7.3.10 Consent	4. The Consent tab must be available on the Cardscan for the following workflows: a. CIVIL APPLICATION b. CIVIL VULNERABLE SECTOR APPLICATION	(M)				
<b>4.7.3.10.1 Consent Tab - Functionality Differences</b>						
4.7.3.10.1 Consent Tab - Functionality Differences	1. Upon completion of the Consent requirements on the EFCD and upon selection of the NEXT button, a completion indicator must appear to indicate to the OLU that all mandatory consent requirements have been met.	(M)				
4.7.3.10.1 Consent Tab - Functionality Differences	2. If consent is not required on the EFCD, the status menu tab must identify by use of a completion indicator, that although the capture was not required, the consent requirements have been met.	(M)				
4.7.3.10.1 Consent Tab - Functionality Differences	3. If consent was not required on the EFCD, the tab must identify by use of a green x that consent requirements have been met.	(M)				
4.7.3.10.1 Consent Tab -	4. When the NEXT button on the EFCD has been selected, the Consent tab must no longer be highlighted.	(M)				

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Functionality Differences						
4.7.3.10.1 Consent Tab - Functionality Differences	5. If the NEXT button on the EFCD was not used to move to the next stage of the process, the Consent tab must display the non-completion indicator to alert the OLU that all mandatory requirements have not been met.	(M)				
4.7.3.11 Submit						
4.7.3.11 Submit	1. Refer to Figure 48 - Livescan Submit Screen.	(I)				
4.7.3.11 Submit	2. The Submit tab must be available on the Livescan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE c. CRIMINAL RECORD INQUIRY d. REFUGEE e. IMMIGRATION f. CIVIL APPLICATION g. CIVIL VULNERABLE SECTOR APPLICATION h. CRIMINAL CHARGES RMS i. CRIMINAL RECORD INQUIRY RMS	(M)				
4.7.3.11 Submit	3. Refer to Figure 47 - Cardscan Submit.	(I)				
4.7.3.11 Submit	4. The Submit tab must be available on the Cardscan for the following workflows: a. CRIMINAL CHARGES b. DEPORTEE	(M)				

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	c. CRIMINAL RECORD INQUIRY d. REFUGEE e. CIVIL APPLICATION f. CIVIL VULNERABLE SECTOR APPLICATION					
4.7.3.11.1 Submit Tab - Functionality Differences						
4.7.3.11.1 Submit Tab - Functionality Differences	1. Upon completion of the Submit requirements on the EFCD, a completion indicator must appear to indicate to the OLU that all mandatory requirements have been met and that the transaction has been submitted for search.	(M)				
4.7.3.11.1 Submit Tab - Functionality Differences	2. Upon completion of the Submit requirements on the EFCD and once the completion indicator has been added, the Submit tab must no longer be highlighted.	(M)				
4.7.3.11.1 Submit Tab - Functionality Differences	3. If all mandatory requirements been met, a completion indicator must be added to the Submit tab.	(M)				
4.7.3.11.1 Submit Tab - Functionality Differences	4. If all mandatory requirements have not been met, the Submit tab must display a non-completion indicator.	(M)				
4.7.3.11.1 Submit Tab - Functionality Differences	5. If any of the previous tabs have a non-completion indicator, the OLU must not be able to SUBMIT the transaction for search until all mandatory requirements have been met within all tabs.	(M)				

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<b>4.7.3.12 Print</b>						
4.7.3.12 Print	1. Refer to Figure 50 - Elimination Printing for the status menu tabs.	(I)				
4.7.3.12 Print	2. The Print status menu tab must only be available on the Livescan for the following workflow:	(M)				
4.7.3.12 Print	a. ELIMINATION					
<b>4.7.3.12.1 Print Tab - Functionality</b>						
4.7.3.12.1 Print Tab - Functionality	1. When the NEXT button is clicked or tapped and all of the mandatory requirements with regards to demographic and fingerprint capture have been met, the Print screen must be presented to the OLU.	(M)				
4.7.3.12.1 Print Tab - Functionality	2. Upon completion of the Print requirements on the Livescan and once the completion indicator has been added, the Print tab must no longer be highlighted.	(M)				
4.7.3.12.1 Print Tab - Functionality	3. If all mandatory requirements have been met, a completion indicator must be added to the Print tab.	(M)				
4.7.3.12.1 Print Tab - Functionality	4. If all mandatory requirements have not been met, the Print tab must display a non-completion indicator.	(M)				
4.7.3.12.1 Print Tab - Functionality	5. If any of the previous tabs have a non-completion indicator, the OLU must not be able to print the transaction until all mandatory requirements have been met within all tabs.	(M)				

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<b>4.7.4 Navigation Using Status Menu Tabs</b>						
4.7.4 Navigation Using Status Menu Tabs	1. The EFCD must allow the OLU to navigate to any part of the workflow process by use of the Status Menu tabs.	(M)				
4.7.4 Navigation Using Status Menu Tabs	2. The OLU must be able to select a Status Menu tab with a non-completion indicator or a completion indicator.	(M)				
<b>4.8 Cardscan Requirements</b>						
4.8 Cardscan Requirements	1. Copies of the forms are included in the Statement of Requirements – Appendix A.	(I)				
4.8 Cardscan Requirements	2. The Cardscan must be able to create NIST compliant transactions from a hard copy information source. The Cardscan will be required to create the TOT's listed below: <ul style="list-style-type: none"> <li>a. Criminal Charges (CARY)               <ul style="list-style-type: none"> <li>i. The rolled and plain C-216 fingerprint form with associated demographic information, criminal charge information and photograph.</li> <li>ii. Palm print impression forms.</li> <li>iii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</li> <li>iv. Overflow pages that could contain but not limited to: additional criminal charges, FBI and International search requests, aliases, scars, marks and tattoos.</li> </ul> </li> <li>b. Criminal Record Inquiry (CARN)</li> </ul>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>i. The rolled and plain C-216 fingerprint form with associated demographic information and photograph.</div><div>ii. Palm print impression forms.</div><div>iii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</div><div>iv. Overflow pages that could contain but not limited to: FBI and International search requests and aliases.</div></div> <div>c. Deportee (CARY)<div><div>i. The rolled and plain C-216 fingerprint form with associated demographic information, criminal charge information and photograph.</div><div>ii. Palm print impression forms.</div><div>iii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</div><div>iv. Overflow pages that could contain but not limited to: FBI and International search requests, aliases, scars, marks and tattoos.</div></div></div> <div>d. Refugee (REF)<div><div>i. The rolled and plain C-216R fingerprint form with associated demographic information, and photograph.</div><div>ii. Palm print impression forms.</div><div>iii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</div></div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>iv. Overflow pages that could contain but not limited to: FBI and International search requests, aliases, scars, marks and tattoos.</div> <div>e. Civil Application and Civil Vulnerable Sector Application(MAP)<div><div>i. The rolled and plain C-216C fingerprint form and associated demographic information.</div><div>ii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</div><div>iii. Consent Form with a signature consent or a biometric endorsement finger consent.</div></div></div> <div>f. Civil Application and Civil Vulnerable Sector Application (MAP)<div><div>i. The C-216C ID Flat fingerprint form and associated demographic information.</div><div>ii. Photograph – similar size to a passport photograph (approximately 55 mm x 70 mm).</div><div>iii. Consent Form with a signature consent or a biometric endorsement finger consent.</div></div></div>					
4.8 Cardscan Requirements	<div>3. The Cardscan setup must include two monitors.</div> <div>a. One monitor must be designated the primary monitor used for the main application interface allowing the OLU to: interact with the Transaction Manager and the Workflow Manager; create transactions; enter demographic data; and submit transactions.</div> <div>b. One monitor must be designated the secondary monitor for displaying the scanned fingerprint form, allowing the OLU to</div>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>view the fingerprint form demographic data while entering the data in the electronic form fields on the primary monitor.</p> <p>c. The primary monitor will be referred hereafter as the Interface Monitor.</p> <p>d. The secondary monitor will be referred hereafter as the Scanning Monitor.</p> <p>e. Zoom functionality must be incorporated to allow the OLU to zoom the scanned fingerprint form on the scanning monitor.</p>					
4.8 Cardscan Requirements	<p>4. The Cardscan setup must also include a scanner.</p> <p>a. The OLU must be allowed to place the C-216 fingerprint form on the flatbed scanner and the scanner must scan the entire fingerprint form and display the front of the form on the Scanning Monitor.</p> <p>b. The Cardscan must capture the rolled and plain fingerprints at 500ppi.</p> <p>c. The Cardscan must capture the photo on the Criminal Charges/Deportee (CARY) and Refugee (REF) fingerprint form at 500ppi.</p>	(M)				
4.8 Cardscan Requirements	<p>5. Scanning functionality:</p> <p>a. During the Agency Information, Application Type Details and Demographic Capture input stage, as the OLU selects a field or button for input, the Cardscan must automatically block highlight the same text field on the scanned copy of the fingerprint form (e.g. the cursor is in the Name field on the Interface monitor, the Surname field on the Scanning monitor must be highlighted.)</p>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>i. The highlighted field on the Scanning Monitor must be pale green.</li><li>b. In the Fingerprint Capture screen the Cardscan must display the fingerprint images previously scanned on the Interface Monitor and allow the OLU to center the fingerprints, allow for fingerprint placement and to identify missing fingers if applicable.<ul style="list-style-type: none"><li>i. The OLU must be allowed to rescan the fingerprint images and the Cardscan must discard the previously scanned fingerprints.</li></ul></li><li>c. In the Photo Capture screen the photo must be displayed on the interface and if the OLU has selected the photo to be captured from the fingerprint form the Cardscan must display on the Interface Monitor that photo that was captured upon initial scan.<ul style="list-style-type: none"><li>i. If the OLU has selected the photo to be captured from a photograph, the Cardscan must discard the photo image captured from the fingerprint form.</li><li>ii. The Cardscan must allow the OLU to capture a photo from a photograph.</li><li>iii. If the Photo Capture option is skipped, the Cardscan must discard the photo image captured from the fingerprint form.</li><li>iv. The Cardscan must allow the OLU to rescan the photo image, the Cardscan must discard the original scan of the photo and allow for a</li></ul></li></ul>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	rescan of the photo either by photo from fingerprint form or photo.					
4.9 ORI and Agency Name Dropdown List Configuration						
4.9 ORI and Agency Name Dropdown List Configuration	1. Refer to Figure 7 - Cardscan Agency Information.	(I)				
4.9 ORI and Agency Name Dropdown List Configuration	2. Refer to Figure 8 - Civil Application Details.	(I)				
4.9 ORI and Agency Name Dropdown List Configuration	3. The EFCD must have a dropdown list that allows the OLU to choose an ORI or an Agency Name.	(M)				
4.9 ORI and Agency Name Dropdown List Configuration	4. The EFCD must have two separate input fields for this information and once the ORI or Agency Name is selected from either list, the ORI and Agency name must populate each respective field. a. ORI b. Agency Name	(M)				
4.9 ORI and Agency Name Dropdown List Configuration	5. This dropdown list must allow the OLU to select an agency either by use of the Agency Name or the Agency ORI. a. The OLU must be able to select the ORI or Agency Name from one of the dropdown lists. b. The OLU must be able to select the Agency from either the ORI field or the Agency Name field.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 4. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
4.9 ORI and Agency Name Dropdown List Configuration	6. The OLA must be allowed to add, modify or delete ORI's and Agency Names in the lists through a simple GUI configuration.	(M)				
Annex D to Appendix A: Detailed Workflow Requirements: Chapter 5. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5. EFCD Workflow Manager - GUI General Requirements						
5. EFCD Workflow Manager - GUI General Requirements	1. The Workflow Manager GUI is the main screen that displays the TOT's and initiates new transactions to be submitted to the RTID System. The allowable transaction types are based on what transactions the agency is authorized to submit.	(I)				
5.1 Screen Appearance and Functionality						
5.1 Screen Appearance and Functionality	1. Refer to Figure 1 - Livescan Workflow Manager. a. Criminal Tenprint Transaction Retain Y (CARY) to be displayed as: i. CRIMINAL CHARGES b. Criminal Tenprint Transaction Retain N (CARN) to be displayed as: i. CRIMINAL RECORD INQUIRY	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 5. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>c. CBSA devices only – Criminal Tenprint Transaction Retain Y (CARY) for deportee purposes to be displayed as:<ul style="list-style-type: none"><li>i. DEPORTEE</li></ul></li><li>d. Elimination, an internal process for Police/RCMP to be displayed as:<ul style="list-style-type: none"><li>i. ELIMINATION PRINTS</li></ul></li><li>e. Criminal Tenprint Transaction Retain Y (CARY) with RMS receiving capabilities' to be displayed as:<ul style="list-style-type: none"><li>i. CRIMINAL CHARGES RMS</li></ul></li><li>f. Criminal Tenprint Transaction Retain N (CARN) with RMS receiving capabilities' to be displayed as:<ul style="list-style-type: none"><li>i. CRIMINAL RECORD INQUIRY RMS</li></ul></li><li>g. Miscellaneous Applicant Civil (MAP) (15 application types including 11 sub-types) Retain No to be displayed as:<ul style="list-style-type: none"><li>i. CIVIL APPLICATION</li></ul></li><li>h. Miscellaneous Application Civil (MAP) (5 application types) Retain No with VS to be displayed as:<ul style="list-style-type: none"><li>i. CIVIL VULNERABLE SECTOR APPLICATION</li></ul></li><li>i. CBSA devices only - Immigration (IMM) to be displayed as:<ul style="list-style-type: none"><li>i. IMMIGRATION</li></ul></li><li>j. Refugee Tenprint Transaction Retain Y (REF) to be displayed as:<ul style="list-style-type: none"><li>i. REFUGEE</li></ul></li></ul>					
5.1 Screen Appearance	2. The Cardscan must display the following TOT's as shown in Figure 2 - Cardscan Workflow Manager.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 5. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
and Functionality	<ul style="list-style-type: none"> <li>a. Criminal Tenprint Transaction Retain Y (CARY) to be displayed as: <ul style="list-style-type: none"> <li>i. CRIMINAL CHARGES</li> </ul> </li> <li>b. Criminal Tenprint Transaction Retain N (CARN) to be displayed as: <ul style="list-style-type: none"> <li>i. CRIMINAL RECORD INQUIRY</li> </ul> </li> <li>c. CBSA devices only – Criminal Tenprint Transaction Retain Y (CARY) for deportee purposes to be displayed as: <ul style="list-style-type: none"> <li>i. DEPORTEE</li> </ul> </li> <li>d. Miscellaneous Applicant Civil (MAP) (15 application types including 11 sub-types) Retain No to be displayed as: <ul style="list-style-type: none"> <li>i. CIVIL APPLICATION</li> </ul> </li> <li>e. Miscellaneous Application Civil (MAP) (5 application types) Retain No with VS to be displayed as: <ul style="list-style-type: none"> <li>i. CIVIL VULNERABLE SECTOR APPLICATION</li> </ul> </li> <li>f. Refugee Tenprint Transaction Retain Y (REF) to be displayed as: <ul style="list-style-type: none"> <li>i. REFUGEE</li> </ul> </li> </ul>					
5.1 Screen Appearance and Functionality	3. The EFCD Workflow Manager screen must have a button labelled Transaction Manager.	(M)				
<b>5.2 Functionality</b>						
5.2 Functionality	1. The Agency's profile will determine which TOTs will be displayed to the OLU.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 5. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
5.2 Functionality	2. The EFCD must be configured to default to the Workflow Manager GUI upon login.	(M)				
5.2 Functionality	3. The EFCD Workflow Manager screen must allow the OLU to navigate between the Transaction Manager GUI and the Workflow Manager GUI by use of a button labeled Transaction Manager.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 6. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
6.1 General						
6.1 General	1. Outlined below is a list of screens that are required and must appear for each TOT upon selection from the Workflow Manager.	(M)				
6.1 General	2. Livescan a. CRIMINAL CHARGES, CRIMINAL RECORD INQUIRY, DEPORTEE i. DEMOGRAPHIC DATA CAPTURE; and ii. PHOTO CAPTURE iii. FINGERPRINT CAPTURE iv. PALM PRINT CAPTURE v. FINGERPRINT SUMMARY vi. SUBMIT.					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 6. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>b. CRIMINAL CHARGES RMS, CRIMINAL RECORD INQUIRY RMS</div><div><div>i. RMS DATA SCREEN; and</div><div>ii. DEMOGRAPHIC DATA CAPTURE</div><div>iii. PHOTO CAPTURE</div><div>iv. FINGERPRINT CAPTURE</div><div>v. PALM PRINT CAPTURE</div><div>vi. FINGERPRINT SUMMARY</div><div>vii. SUBMIT.</div></div><div>c. CIVIL APPLICATION, CIVIL VULNERABLE SECTOR APPLICATION</div><div><div>i. AGENCY INFORMATION; and</div><div>ii. APPLICATION TYPE DETAILS</div><div>iii. DEMOGRAPHIC DATA CAPTURE</div><div>iv. PHOTO CAPTURE</div><div>v. FINGERPRINT CAPTURE</div><div>vi. FINGERPRINT SUMMARY</div><div>vii. CONSENT CAPTURE</div><div>viii. SUBMIT.</div></div><div>d. IMMIGRATION</div><div><div>i. DEMOGRAPHIC DATA CAPTURE; and</div><div>ii. PHOTO CAPTURE</div><div>iii. FINGERPRINT CAPTURE</div><div>iv. FINGERPRINT SUMMARY</div><div>v. SUBMIT.</div></div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 6. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>e. REFUGEE<div>i. AGENCY INFORMATION; and</div><div>ii. DEMOGRAPHIC DATA CAPTURE</div><div>iii. PHOTO CAPTURE</div><div>iv. FINGERPRINT CAPTURE</div><div>v. PALM PRINT CAPTURE</div><div>vi. FINGERPRINT SUMMARY</div><div>vii. SUBMIT.</div></div> <div>f. ELIMINATION PRINTS<div>i. ELIMINATION CONFIRMATION; and</div><div>ii. DEMOGRAPHIC DATA CAPTURE</div><div>iii. FINGERPRINT CAPTURE</div><div>iv. FINGERPRINT SUMMARY</div><div>v. PRINT.</div></div>					
6.1 General	<div>3. Cardscan</div> <div>a. CRIMINAL CHARGES, DEPORTEE<div>i. AGENCY INFORMATION</div><div>ii. DEMOGRAPHIC DATA CAPTURE; and</div><div>iii. PHOTO CAPTURE</div><div>iv. FINGERPRINT CAPTURE</div><div>v. PALM PRINT CAPTURE</div><div>vi. SUBMIT.</div></div> <div>b. CRIMINAL RECORD INQUIRY<div>i. DEMOGRAPHIC DATA CAPTURE; and</div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 6. E						
Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>ii. FINGERPRINT CAPTURE</div><div>iii. PALM PRINT CAPTURE</div><div>iv. SUBMIT.</div></div><div>c. CIVIL APPLICATION, CIVIL VULNERABLE SECTOR APPLICATION<div><div>i. AGENCY INFORMATION; and</div><div>ii. APPLICATION TYPE DETAILS</div><div>iii. DEMOGRAPHIC DATA CAPTURE</div><div>iv. FINGERPRINT CAPTURE</div><div>v. CONSENT</div><div>vi. PHOTO CAPTURE</div><div>vii. SUBMIT.</div></div></div><div>d. REFUGEE<div><div>i. AGENCY INFORMATION; and</div><div>ii. DEMOGRAPHIC DATA CAPTURE</div><div>iii. FINGERPRINT CAPTURE</div><div>iv. PALM PRINT CAPTURE</div><div>v. PHOTO CAPTURE</div><div>vi. SUBMIT.</div></div></div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 7. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
7. 7. Livescan RMS Data Screen						
7. Livescan RMS Data Screen	1. Refer to Figure 5 - RMS Data Display.	(I)				
7. Livescan RMS Data Screen	2. The Livescan RMS Data Screen allows the OLU to view data that has been pushed from an RMS system.	(I)				
7. Livescan RMS Data Screen	3. The following workflow buttons (refer to Section 4.6.1) must be greyed out on the RMS Data screen. a. ON-HOLD b. PREVIOUS c. NEXT d. SUBMIT	(M)				
7. Livescan RMS Data Screen	4. Refer to Section 4.4.1.1 for DCN requirements and the RMS.	(I)				
7.1 Screen Appearance and Functionality						
7.1 Screen Appearance and Functionality	1. The RMS workflow will be available for the following transactions: a. Criminal Charges RMS b. Criminal Record Inquiry RMS	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 7. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
7.1 Screen Appearance and Functionality	2. Upon selection of a workflow, the RMS Data screen must be launched and display all records that have been pushed to the Livescan for the workflow selected.	(M)				
7.1 Screen Appearance and Functionality	3. The RMS Data screen must display the buttons listed below and they must be located on the bottom of the screen and must remain visible to the OLU as the screen scrolls. a. DELETE i. The DELETE button must allow the OLU to delete an RMS record from the Livescan. ii. The OLU must be allowed to select a highlighted record and the Livescan must allow the OLU to select the DELETE button. iii. The Livescan must display the message: "Do you want to delete this record from the Livescan?" and allow the OLU to choose YES or NO. iv. Upon the selection of YES, the Livescan must delete the record from the Livescan and close the dialog box. v. Upon the selection of NO, the Livescan must close the dialog box. b. REFRESH i. The REFRESH button must allow for a manual refresh, through a single mouse click and/or single tap on the touchscreen, and allow the OLU to view the most up-to-date information	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 7. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>c. SEARCH</p> <p>i. The SEARCH button must allow the OLU to search the RMS data that has been pushed to the Livescan for the TOT that is displayed.</p> <p>ii. The OLU must be able to perform a search using the following criteria:</p> <p>a) Surname</p> <p>b) Given Name 1</p> <p>c) Date of Birth</p> <p>d) Contributor Individual #</p> <p>e) Date received</p> <p>iii. The Livescan must display all records that match for the search performed and must remove all records that do not match the search criteria.</p> <p>iv. Once a search is performed, the search filters must be cleared.</p>					
7.1 Screen Appearance and Functionality	<p>4. The Livescan must display the column headers listed below on the RMS Data screen and they must be displayed in the following order:</p> <p>a. Surname</p> <p>i. Name (Tag 2.806)</p> <p>b. Given Name 1</p> <p>i. Name (Tag 2.806)</p> <p>c. Date of Birth</p>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 7. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>i. DOB (Tag 2.8022) must be displayed in the standard date format of CCYY-MM-DD</li> <li>d. Contributor Individual # <ul style="list-style-type: none"> <li>i. IRN (Tag 2.804)</li> </ul> </li> <li>e. Date Received <ul style="list-style-type: none"> <li>i. This date must be the date that the record was pushed to the Livescan.</li> <li>ii. The date field must be displayed in the standard date format of CCYY-MM-DD</li> </ul> </li> </ul>					
7.1 Screen Appearance and Functionality	5. The Livescan must default to displaying the transactions by the most recent date.	(M)				
7.1 Screen Appearance and Functionality	6. The Livescan must be able to sort alphabetically by Surname.	(M)				
7.1 Screen Appearance and Functionality	7. The OLU must be able to select a record anywhere in the row and by a single mouse click and/or single tap on the touchscreen, the Livescan must highlight the full row.	(M)				
7.1 Screen Appearance and Functionality	8. The OLU must be able to double-click the highlighted row and open the appropriate screen based on the TOT chosen, to allow the OLU to continue with the creation of the transaction.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 7. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
7.1 Screen Appearance and Functionality	9. The RMS pushes demographic data and photos to the Livescan device each time a new record is created.	(I)				
7.1 Screen Appearance and Functionality	10. The RMS Data Screen must have a scroll bar if required to allow the OLU to navigate within the full list of RMS transactions.	(M)				
7.1 Screen Appearance and Functionality	11. The Livescan must auto-refresh the RMS Data Screen every 60 seconds with no lag time and allow the OLU to view the most up-to-date records.	(M)				
7.1 Screen Appearance and Functionality	12. The OLA must be able to configure the Livescan auto-refresh frequency through a simple GUI configuration.	(M)				
7.1 Screen Appearance and Functionality	13. When the screen refreshes, it must return to the same record that was being viewed prior to the screen refresh.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 8. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>8. EFCD Agency Information Screen</b>						
8. EFCD Agency Information Screen	1. The Agency Information screen allows the OLU to identify the agency they are submitting on-behalf-of.	(I)				
8. EFCD Agency Information Screen	2. For non-CBSA agencies submitting Refugee transactions, the EFCD must display the Agency Information Screen defaulted to the Submit On-Behalf-Of checkbox.	(M)				
<b>8.1 Screen Appearance</b>						
<b>8.1.1 Livescan</b>						
8.1.1 Livescan	1. Refer to Figure 6 - Livescan Agency Information.	(I)				
8.1.1 Livescan	2. This screen must allow the OLU to enter the agency information for the owner of the file using the On-Behalf-Of functionality.	(M)				
8.1.1 Livescan	3. The Livescan must display the following two radio buttons: a. Submission by our Agency b. Submit On-Behalf-Of Another Agency	(M)				
8.1.1 Livescan	4. The Livescan must default to Submission by our Agency with the radio button automatically selected.	(M)				
8.1.1 Livescan	5. The Livescan must display a dropdown list titled ORI and a dropdown list titled Agency Name.	(M)				
8.1.1 Livescan	6. Refer to Section 4.9 for further information on the ORI and Agency Name configuration.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 8. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>8.1.2 Cardscan</b>						
8.1.2 Cardscan	1. Refer to Figure 7 - Cardscan Agency Information.	(I)				
8.1.2 Cardscan	2. This screen must allow the OLU to enter the agency information for the owner of the file using the On-Behalf-Of functionality. This information would be found on the hardcopy fingerprint form.	(M)				
8.1.2 Cardscan	3. The Cardscan must display a button labeled SCAN and this button must be available on the Interface monitor.	(M)				
8.1.2 Cardscan	4. The SCAN button must allow the OLU to scan the C-216 fingerprint form.	(M)				
8.1.2 Cardscan	5. The Cardscan must display the following two radio buttons: a. Submission by our Agency b. Submit On-Behalf-Of Another Agency	(M)				
8.1.2 Cardscan	6. The ORI and Agency Name dropdown lists must only become available when the OLU selects Submit On-Behalf-Of another agency.	(M)				
8.1.2 Cardscan	7. Refer to Section 4.9 for further information on the ORI and Agency Name configuration.	(I)				
<b>8.2 Functionality</b>						
<b>8.2.1 EFCD</b>						
8.2.1 EFCD	1. The Submit On-Behalf-Of term is used to indicate that the TOT is being sent to the RTID System from a submitting agency that is different from the originating agency.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 8. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
8.2.1 EFCD	2. Table 1 – On-Behalf-Of Requirements for Vendors contains information on the On-Behalf-Of requirements that must be supported by the EFCD.	(M)				
8.2.1 EFCD	3. Consult the ICD for further details regarding the On-Behalf-Of concept.	(I)				
8.2.1 EFCD	4. Table 2 – On-Behalf-Of GUI Display contains the “helpful tips” that must be displayed to the OLU to assist with the On-Behalf-Of requirements. a. Reference b. Displayed As – the tags must be displayed on screen as indicated. c. Helpful Tips - the “helpful tips” must be displayed to the OLU for each of the data entry fields when the cursor is placed in the field.	(M)				
<b>8.2.2 LIVESCAN</b>						
8.2.2 LIVESCAN	1. The Livescan must display the Agency Information Screen for the following TOTs: a. Refugee b. Civil Application c. Civil Vulnerable Sector Application	(M)				
8.2.2 LIVESCAN	2. Once a TOT workflow has been selected from the Workflow Manager, the Livescan must launch the Agency Information screen and allow the OLU to select the Submission by our Agency radio button or the Submit On-Behalf-Of Another Agency radio button:	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 8. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>a. Submission By Our Agency</p> <p>i. The Submission by Our Agency radio button must be the default,</p> <p>ii. The OLU must be able to unselect, the Submission By Our Agency by selecting the Submit On-Behalf-Of Another Agency radio button,</p> <p>iii. Upon selection of the Submit On-Behalf-Of Another Agency radio button, the OLU must be able to enter the ORI or the Agency Name. Refer to Section 4.9 for further information on the ORI and Agency Name configuration.</p>					
8.2.2 LIVESCAN	3. Once the ORI and Agency Name has been selected, the OLU must be allowed to select the NEXT button and proceed to the next stage of the process.	(M)				
8.2.2 LIVESCAN	4. With the Submission by Our Agency radio button selected, the OLU must be able to select the NEXT button to proceed to the next stage of the process.	(M)				
8.2.2 LIVESCAN	5. The Livescan must auto-populate the ORI information in the tags identified in the ICD subject to the On-Behalf-Of requirements.	(M)				
8.2.3 CARDSCAN						
8.2.3 CARDSCAN	<p>1. The Cardscan must display the On-Behalf-Of Agency Screen for the following TOTs:</p> <p>a. Criminal Charges</p> <p>b. Deportee</p> <p>c. Refugee</p>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	d. Civil Application e. Civil Vulnerable Sector Application					
8.2.3 CARDSCAN	2. Once a TOT workflow has been selected from the Workflow Manager, the Cardscan must launch the Agency Information screen and allow the OLU to select the Submission By Our Agency radio button or the Submit On-Behalf-Of Another Agency radio button: a. Submit On-Behalf-Of Another Agency i. The Submit On-Behalf-Of Another Agency radio button must be the default ii. The OLU must be able to enter the ORI or the Agency Name. Refer to Section 4.9 for further information on the ORI and Agency Name configuration. b. Submission By Our Agency i. The OLU must be able to unselect, the Submit On-Behalf-Of Another Agency radio button by selecting the Submission By Our Agency radio button.	(M)				
8.2.3 CARDSCAN	3. Once the ORI and Agency Name has been selected, the OLU must be allowed to select the NEXT button and proceed to the next stage of the process.	(M)				
8.2.3 CARDSCAN	4. Upon selection of the Submission By Our Agency radio button, the OLU must be able to select the NEXT button to proceed to the next stage of the process.	(M)				
8.2.3 CARDSCAN	5. The Cardscan must auto-populate the ORI information in the tags identified in the ICD subject to the On-Behalf-Of requirements.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
8.2.3 CARDSCAN	6. For the Civil Application and Civil Vulnerable Sector Application workflows, the Cardscan must auto-populate the ORI of the agency identified as the On-Behalf-Of Agency in the Bulk Billing Agency Identifier (Tag 2.849), if a fee is required. Refer to Section 16.50 for further information on Bulk Billing.	(M)				
8.2.3 CARDSCAN	7. The Cardscan must allow the OLA to modify the Cardscan device to default to Submission By Our Agency check box by a simple GUI configuration.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1 Civil Application – Current State and Civil Efficiencies						
9.1 Civil Application – Current State and Civil Efficiencies	1. Refer to Figure 8 - Civil Application Details.	(I)				
9.1 Civil Application – Current State and Civil Efficiencies	2. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1 Civil Application – Current State and Civil Efficiencies	3. The Application Type Details Screen allows the OLU to enter information specific to the application type being submitted.	(I)				
9.1 Civil Application – Current State and Civil Efficiencies	4. The EFCD must guide the OLU through a series of data entry fields to enter the required mandatory, conditional mandatory and optional required data by positioning the cursor in each field.	(M)				
9.1 Civil Application – Current State and Civil Efficiencies	5. The EFCD must validate each data entry field for: a. Tag conditions: mandatory, optional, conditional-mandatory, conditional-optional, optional-conditional-mandatory compliancy; and b. Correct data formats.	(M)				
9.1 Civil Application – Current State and Civil Efficiencies	6. Once all required information for each field has been entered, the OLU must be able to select the NEXT button to proceed to the next stage of the process.	(M)				
9.1.1 Application Type Details Requirements						
9.1.1 Application Type Details Requirements	1. Based on the agencies profile, the screen may contain the following as well as other applicable dropdown lists: a. Application Type b. Send Results To c. Preferred Delivery Method of Results	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	i. For Civil Efficiencies only d. Fingerprint Capture Type e. FBI Search Request f. International Search Request					
9.1.1.1 Application Type (Tag 2.869)						
9.1.1.1 Application Type (Tag 2.869)	1. The Application Type must be displayed as a mandatory field.	(M)				
9.1.1.1 Application Type (Tag 2.869)	2. The Application Type must be a dropdown list that displays only the allowable Application Types as per the Agency Profile.	(M)				
9.1.1.1 Application Type (Tag 2.869)	3. Refer to the Supplemental Document to ICD 1.7.8. for Current State requirements.	(I)				
9.1.1.1 Application Type (Tag 2.869)	4. Refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for further information on Agency Profile setup for Civil Efficiencies.	(I)				
9.1.1.1 Application Type (Tag 2.869)	5. The Application Type sub-tag field must be greyed out if the application type chosen does not require sub-tag information.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1.1.1 Application Type (Tag 2.869)	6. Refer to Section 16.37.1 for further information on the Civil Application Types.	(I)				
<b>9.1.1.2 Send Results to Source (Tag 2.8900)</b>						
<b>9.1.1.2.1 Current State</b>						
9.1.1.2.1 Current State	1. The Send Results to Source, displayed as Send Results To, must be displayed as a mandatory field.	(M)				
9.1.1.2.1 Current State	2. The Send Results to Source must be a dropdown list that displays only the allowable options based on the Application Type and Agency Profile.	(M)				
9.1.1.2.1 Current State	3. Refer to the Supplemental Document to ICD 1.7.8. for Current State requirements.	(I)				
9.1.1.2.1 Current State	4. Refer to Section 16.38.1 for further information on the EFCD requirements for (Tag 2.8900).	(I)				
<b>9.1.1.2.2 Civil Efficiencies</b>						
9.1.1.2.2 Civil Efficiencies	1. The Send Results to Source must be displayed as a mandatory field.	(M)				
9.1.1.2.2 Civil Efficiencies	2. The Send Results to Source list must be a dropdown list that displays only the allowable options based on the Application Type and Agency Profile.	(M)				
9.1.1.2.2 Civil Efficiencies	3. Refer to the Best Practices For the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1.1.2.2 Civil Efficiencies	4. Refer to Section 16.38.2 for further information on the Livescan requirements for Tag (2.8900).	(I)				
9.1.1.2.2 Civil Efficiencies	5. Refer to Section 16.38.3 for further information on the Cardscan requirements for Tag (2.8900).	(I)				
<b>9.1.1.3 Preferred Delivery Method of Results (Tag 2.866)</b>						
<b>9.1.1.3.1 Civil Efficiencies</b>						
9.1.1.3.1 Civil Efficiencies	1. The preferred delivery method must be displayed as Preferred Delivery Method of Results.	(M)				
9.1.1.3.1 Civil Efficiencies	2. The EFCD must display two radio buttons and allow for the following choices when applicable. a. Clear Text Email b. Paper via Canada Post	(M)				
9.1.1.3.1 Civil Efficiencies	3. Refer to the Best Practices For the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.	(I)				
9.1.1.3.1 Civil Efficiencies	4. Refer to Section 16.38.2 for further information on the Livescan requirements for Tag (2.866).	(I)				
9.1.1.3.1 Civil Efficiencies	5. Refer to Section 16.38.3 for further information on the Cardscan requirements for Tag (2.866).	(I)				
<b>9.1.1.4 Fingerprint Capture Type</b>						
9.1.1.4 Fingerprint Capture Type	1. The Fingerprint Capture Type must be displayed as a mandatory field.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1.1.4 Fingerprint Capture Type	2. The EFCD must display two radio buttons and allow for the following choices: a. ID Flats b. Rolled and Plain	(M)				
9.1.1.4 Fingerprint Capture Type	3. The Livescan must default the radio button to ID Flats.	(M)				
9.1.1.4 Fingerprint Capture Type	4. The OLU must be able to choose Rolled and Plain for Livescan.	(M)				
9.1.1.4 Fingerprint Capture Type	5. The Cardscan must default the radio button to Rolled and Plain.	(M)				
9.1.1.4 Fingerprint Capture Type	6. The OLU must be able to choose ID Flats for Cardscan.	(M)				
9.1.1.4 Fingerprint Capture Type	7. The EFCD must be configured to default to Rolled and Plain impressions for the following application types and the OLU must not be able to select ID Flats. a. RCMP Member (3401) b. RCMP Civilian Employee (3402) c. PROS User (3405)	(M)				
9.1.1.4.1 FBI Search Request						
9.1.1.4.1 FBI Search Request	1. The FBI Search Request check box must only be available to the OLU based on the Agency Profile and Application Type.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1.1.4.1 FBI Search Request	2. The FBI Search Request must not be visible to the OLU if the agency does not have the authorization for the request, based on a configurable parameter.	(M)				
9.1.1.4.1 FBI Search Request	3. Refer to Section 16.25 for further information on the FBI Search Request.	(I)				
9.1.1.4.1 FBI Search Request	4. If an FBI Search Request is selected and the OLU moves forward to the Demographic Data Capture screen, the conditional mandatory fields must become available for data entry.	(M)				
9.1.1.4.1.1 FBI Search - Conditional Mandatory Fields						
9.1.1.4.1.1 FBI Search - Conditional Mandatory Fields	1. If an FBI Search Request is selected, the EFCD must allow the OLU to populate the conditional mandatory fields in the Demographic Data Capture screen.	(M)				
9.1.1.4.1.1 FBI Search - Conditional Mandatory Fields	2. The following conditional mandatory fields must become available for data entry. a. Hair Colour (Tag 2.808) b. Eye Colour (Tag 2.809) c. Height (Tag 2.810) i. Refer to Section 16.21 for further information on height. d. Weight (Tag 2.811) i. Refer to Section 16.22 for further information on weight. e. Foreign Search Reason (Tag 2.894)	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	i. Refer to Section 16.29 for further information on Foreign Search Reason.					
9.1.1.4.1.1 FBI Search - Conditional Mandatory Fields	3. The EFCD must not allow the OLU to populate the fields listed above, if the FBI Search Request was not selected.	(M)				
9.1.1.4.1.1 FBI Search - Conditional Mandatory Fields	4. The above fields must not be displayed to the OLU if the FBI Search Request is not selected.	(M)				
<b>9.1.1.4.2 International Search Request</b>						
9.1.1.4.2 International Search Request	1. The International Search Request check box must only be available to the OLU based on the Agency Profile and Application Type.	(M)				
9.1.1.4.2 International Search Request	2. If an International Search Request is not allowed, the OLU must not be able to select the International Search Request.	(M)				
9.1.1.4.2 International Search Request	3. The International Search Request must not be visible to the OLU if the agency does not have the authorization for the request, based on a configurable parameter.	(M)				
9.1.1.4.2 International Search Request	4. Refer to Section 16.27 for further information on International Search Request.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.1.1.4.2 International Search Request	5. If an International Search Request is selected and the OLU moves forward to the Demographic Data Capture screen, the conditional mandatory fields must become available for data entry.	(M)				
9.1.1.4.2.1 International Search – Conditional Mandatory Fields						
9.1.1.4.2.1 International Search – Conditional Mandatory Fields	1. If an International Search Request is selected, the EFCD must allow the OLU to populate the conditional mandatory fields in the Demographic Data Capture screen.	(M)				
9.1.1.4.2.1 International Search – Conditional Mandatory Fields	2. The following conditional mandatory fields must become available for data entry. a. Hair Colour (Tag 2.808) b. Eye Colour (Tag 2.809) c. Height (Tag 2.810) i. Refer to Section 16.21 for further information on height. d. Weight (Tag 2.811) i. Refer to Section 16.22 for further information on weight. e. Foreign Search Reason (Tag 2.894) i. Refer to Section 16.29 for further information on Foreign Search Reason.	(M)				
9.1.1.4.2.1 International	3. The EFCD must not allow the OLU to populate the fields listed above, if the International Search Request was not selected.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Search – Conditional Mandatory Fields						
9.1.1.4.2.1 International Search – Conditional Mandatory Fields	4. The above fields must not be displayed to the OLU if the International Search Request is not selected.	(M)				
9.1.1.4.2.1 International Search – Conditional Mandatory Fields	5. Please refer to Section 16.28 for further information on International Countries to Search.	(I)				
9.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies						
9.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies	1. The Application Type Details Screen allows the OLU to enter information specific to the application type being submitted.	(I)				
9.2 Civil Vulnerable Sector Application –	2. Once all required information for each field has been entered, the OLU must be able to select the NEXT button to proceed to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Current State and Civil Efficiencies						
<b>9.2.1 Application Type Details Requirements</b>						
9.2.1 Application Type Details Requirements	1. This screen must contain the following fields: a. Application Type b. Send Results to Source c. Preferred Delivery Method of Results i. For Civil Efficiencies Only d. Fingerprint Capture Method	(M)				
<b>9.2.1.1 Application Type (Tag 2.869)</b>						
9.2.1.1 Application Type (Tag 2.869)	1. The Application Type must be a dropdown list that displays only the allowable Application Types as per the Agency Profile.	(M)				
9.2.1.1 Application Type (Tag 2.869)	2. Refer to the Supplemental Document to ICD 1.7.8. for Current State requirements.	(I)				
9.2.1.1 Application Type (Tag 2.869)	3. Refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for further information on Agency Profile setup for Civil Efficiencies.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.2.1.1 Application Type (Tag 2.869)	4. The Application Type sub-tags or conditional mandatory fields must only be displayed to the OLU when the conditions for these fields are met.	(M)				
9.2.1.1 Application Type (Tag 2.869)	5. Refer to Section 16.37.2 for further information on Tag (2.869).	(I)				
<b>9.2.1.2 Send Results to Source (Tag 2.8900)</b>						
<b>9.2.1.2.1 Current State</b>						
9.2.1.2.1 Current State	1. The Send Results to Source must be displayed as a mandatory field.	(M)				
9.2.1.2.1 Current State	2. The Send Results to Source must be a dropdown list that displays only the allowable options based on the Application Type and Agency Profile.	(M)				
9.2.1.2.1 Current State	3. Refer to the Supplemental Document to ICD 1.7.8. for Current State requirements.	(I)				
9.2.1.2.1 Current State	4. Refer to Section 16.38.1 for further information on the EFCD requirements for Tag (2.8900).	(I)				
<b>9.2.1.2.2 Civil Efficiencies</b>						
9.2.1.2.2 Civil Efficiencies	1. The Send Results to Source must be displayed as a mandatory field.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.2.1.2.2 Civil Efficiencies	2. The Send Results to Source must be a dropdown list that displays only the allowable options based on the Application Type and Agency Profile.	(M)				
9.2.1.2.2 Civil Efficiencies	3. Refer to the Best Practices For the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.	(I)				
9.2.1.2.2 Civil Efficiencies	4. Refer to Section 16.38.2 for further information on the Livescan requirements for Tag (2.8900).	(I)				
9.2.1.2.2 Civil Efficiencies	5. Refer to Section 16.38.3 for further information on the Cardscan requirements for Tag 2.8900).	(I)				
9.2.1.3 Preferred Delivery Method of Results (Tag 2.866)						
9.2.1.3.1 Civil Efficiencies						
9.2.1.3.1 Civil Efficiencies	1. The preferred delivery method must be displayed as Preferred Delivery Method of Results.	(M)				
9.2.1.3.1 Civil Efficiencies	2. The EFCD must display two radio buttons and allow for the following choices when applicable. a. Clear Text Email b. Paper via Canada Post	(M)				
9.2.1.3.1 Civil Efficiencies	3. Refer to the Best Practices For the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.	(I)				
9.2.1.3.1 Civil Efficiencies	4. Refer to Section 16.38.2 for further information on the Livescan requirements for Tag (2.866).	(I)				
9.2.1.3.1 Civil Efficiencies	5. Refer to Section 16.38.3 for further information on the Cardscan requirements for Tag (2.866).	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
9.2.1.4 Fingerprint Capture Type						
9.2.1.4 Fingerprint Capture Type	1. The Fingerprint Capture Type must be displayed as a mandatory field.	(M)				
9.2.1.4 Fingerprint Capture Type	2. The EFCD must display two radio buttons and allow for the following choices: a. ID Flats b. Rolled and Plain	(M)				
9.2.1.4 Fingerprint Capture Type	3. The Livescan must default the radio button to ID Flats.	(M)				
9.2.1.4 Fingerprint Capture Type	4. The OLU must be able to choose Rolled and Plain for Livescan.	(M)				
9.2.1.4 Fingerprint Capture Type	5. The Cardscan must default the radio button to Rolled and Plain.	(M)				
9.2.1.4 Fingerprint Capture Type	6. The OLU must be able to choose ID Flats for Cardscan.	(M)				

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Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
10.1 Screen Appearance and Functionality						
10.1 Screen Appearance and Functionality	1. Refer to Figure 10 - Demographic Data Capture.	(I)				
10.1 Screen Appearance and Functionality	2. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
10.1 Screen Appearance and Functionality	3. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				
10.1 Screen Appearance and Functionality	4. Refer to Figure 14 - Civil VS Demographic Data Capture.	(I)				
10.1 Screen Appearance and Functionality	5. The Livescan must allow for demographic data import from another system.	(M)				
10.1 Screen Appearance and Functionality	6. The Demographic Data Capture screen allows the OLU to enter information specific to the individual.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
10.1 Screen Appearance and Functionality	7. The EFCD must display the required data input fields as they apply to each TOT. The requirements for each TOT can be found in the EFCD Demographic Data Layout tables under each TOT workflow.	(M)				
10.1 Screen Appearance and Functionality	8. The EFCD must display all free text fields and dropdown list entries to the max field length. The EFCD must use word wrap when specified.	(M)				
10.1 Screen Appearance and Functionality	9. The EFCD must position the cursor in the first data entry field.	(M)				
10.1 Screen Appearance and Functionality	10. The EFCD must allow the OLU to use the tab and/or Enter key, the touchscreen feature, and/or mouse to proceed through a series of data entry screens and fields and enter the required mandatory, conditional mandatory and/or optional data and allow for the bypassing of mandatory fields while in the Demographic Data Capture screen.	(M)				
10.1 Screen Appearance and Functionality	11. The EFCD must guide the OLU through a series of data entry fields to enter the required mandatory, conditional mandatory and optional required data by positioning the cursor in each field.	(M)				
10.1 Screen Appearance and Functionality	12. The EFCD must move the cursor to the next available field for data capture, after data has been entered in a field and when the Enter key, Tab key or touchscreen is used.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
10.1 Screen Appearance and Functionality	13. The data entry fields on the GUI must be sequenced in such a way that conditional fields follow any fields that may trigger a conditional field to become a mandatory field.	(M)				
10.1 Screen Appearance and Functionality	14. The EFCD must validate each data entry field for: a. Tag conditions: mandatory, optional, conditional-mandatory, conditional-optional, optional-conditional-mandatory compliancy; and b. Correct data formats (Character Type, Field Size, and Occurrences)	(M)				
10.1 Screen Appearance and Functionality	15. The EFCD must allow the OLU to modify the data in any field prior to the transaction being submitted to the RTID System.	(M)				
10.1 Screen Appearance and Functionality	16. The EFCD must validate for ICD compliancy as a result of a data change.	(M)				
10.1 Screen Appearance and Functionality	17. The EFCD GUI must display and populate a field supported by a dropdown list with the description as outlined in the ICD and not the code value.	(M)				
10.1 Screen Appearance and Functionality	18. The EFCD must validate that all mandatory data entry fields have been populated upon completion of the data input in the Demographic Data Capture screen.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
10.1 Screen Appearance and Functionality	19. The Livescan must not allow the OLU to navigate forward by use of the NEXT button, to the photo capture stage of the workflow unless all mandatory demographic fields for the TOT have been entered.	(M)				
10.1 Screen Appearance and Functionality	20. The Livescan must allow the OLU to navigate forward by use of the NEXT button, to the photo capture stage of the workflow once all mandatory demographic fields for the TOT have been entered.	(M)				
10.1 Screen Appearance and Functionality	21. The Cardscan must not allow the OLU to navigate forward by use of the NEXT button to the fingerprint capture stage of the workflow, unless all mandatory demographic data capture has been completed.	(M)				
10.1 Screen Appearance and Functionality	22. The Cardscan must allow the OLU to navigate forward by use of the NEXT button to the fingerprint capture stage of the workflow, once all mandatory demographic data capture requirements have been met.	(M)				
10.1 Screen Appearance and Functionality	23. The EFCD “helpful tips” displayed to the OLU for the Demographic Data Capture screen, can be found in Section 27 in Table 24 - Helpful Tip Wording and Tag Display.	(I)				
10.2 CBSA Requirements						
10.2 CBSA Requirements	1. The EFCD must for CBSA Agencies, open a separate window that is overlaid on the Demographic Data Capture screen titled GCMS Unique Client ID.	(M)				
10.2 CBSA Requirements	2. Refer to Figure 16 - CBSA GCMS Confirmation Pop-Up.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
10.2 CBSA Requirements	3. The GCMS Unique Client ID pop up window must only be displayed for the following TOTs: a. Criminal Charges and Deportee (CARY) i. Refer to Section 16.9.1 for GCMS requirements b. Criminal Record Inquiry (CARN) i. Refer to Section 16.9.1 for GCMS requirements c. Refugee (REF) i. Refer to Section 16.9.1 for GCMS requirements d. Immigration (IMM) i. Refer to 16.10.4 for GCMS requirements	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.1 Livescan						
11.1.1 Screen Appearance and Functionality						
11.1.1 Screen Appearance and Functionality	1. Refer to Figure 30 - Livescan Photo Capture CARY, CARN, REF for CARY, CARN and REF.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.1.1 Screen Appearance and Functionality	2. The Livescan must allow for the transfer of a photo from another system (e.g. RMS/DMS) as long as it is included with the associated Type-1 and Type-2 data.	(M)				
11.1.1 Screen Appearance and Functionality	3. The Livescan must allow: <ul style="list-style-type: none"> <li>a. 0-3 facial images to be captured, saved in the NIST packet as a type-10 record, submitted to the RTID System, and stored locally on the Livescan in an area that is accessible to the OLU for CARY and REF transactions;</li> <li>b. 0-1 frontal facial image to be captured in the NIST packet as a type-10 record, submitted to the RTID System based on the application type, but not stored for MAP transactions and must be deleted when the transaction is in a completed state;</li> <li>c. 0-3 facial images to be captured and stored locally on the Livescan in an area that is accessible to the OLU for CARN; and</li> <li>d. 1-3 facial images to be captured and stored locally on the Livescan for IMM transactions.</li> </ul>	(M)				
11.1.1 Screen Appearance and Functionality	4. The Livescan must display the following: <ul style="list-style-type: none"> <li>a. Capture <ul style="list-style-type: none"> <li>i. The Capture button must allow the OLU to capture the photo.</li> </ul> </li> <li>b. Subject Pose <ul style="list-style-type: none"> <li>i. The subject Pose functionality must allow the OLU to choose the pose of the subject by use of radio buttons.</li> <li>ii. The subject pose radio buttons must have the associated text descriptions:</li> </ul> </li> </ul>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 11. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>1) Full Face Frontal</div> <div>a) The Subject Pose must be defaulted to Full Face Frontal</div> <div>b) Full Face Frontal must be displayed as the first radio button</div> <div>c) The Livescan must only allow for one photo using the Full Face Frontal pose</div> <div>2) Right Profile</div> <div>a) The Livescan must only allow for one photo using the Right Profile pose</div> <div>3) Left Profile</div> <div>a) The Livescan must only allow for one photo using the Left Profile pose</div> <div>4) Angled Pose</div> <div>a) The Livescan must allow for two photos using the Angled Pose</div> <div>b) If Angled Pose is selected, the Livescan must all the OLU to adjust the angle by use of a slide bar.</div> <div>d. Auto Face-Centring</div> <div>i. The Auto Face-Centring checkbox option must be defaulted to on.</div> <div>ii. The OLU must be able to clear the checkbox for the Auto Face-Centring option.</div> <div>e. Photo Descriptors</div> <div>i. The Photo Descriptors button must open a screen that is over-laid over the photo capture screen and allow the OLU to enter descriptors and comments for photos as outlined by the requirements in the ICD and the ANSI-NIST.</div> <div>f. Photo Table</div> <div>i. The Livescan must display a table that contains two columns:</div>					

2) Right Profile

a) The Livescan must only allow for one photo using the Right Profile pose

3) Left Profile

a) The Livescan must only allow for one photo using the Left Profile pose

4) Angled Pose

a) The Livescan must allow for two photos using the Angled Pose

b) If Angled Pose is selected, the Livescan must all the OLU to adjust the angle by use of a slide bar.d. Auto Face-Centring

i. The Auto Face-Centring checkbox option must be defaulted to on.

ii. The OLU must be able to clear the checkbox for the Auto Face-Centring option.e. Photo Descriptors

i. The Photo Descriptors button must open a screen that is over-laid over the photo capture screen and allow the OLU to enter descriptors and comments for photos as outlined by the requirements in the ICD and the ANSI-NIST.

f. Photo Table

i. The Livescan must display a table that contains two columns:

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 11. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>1) Photo</div> <div>a) The photo column must display the photo number.</div> <div>b) The OLU must be allowed to select a photo number in the table and once the photo number is selected and highlighted, the Livescan must display photo to the OLU.</div> <div>2) Pose</div> <div>a) The pose column must display the subject pose.</div> <div>g. Remove Photo</div> <div>i. The Remove Photo button must allow the OLU to delete the recently captured photo.</div> <div>ii. The Livescan must allow for the deletion of a captured photo by a single mouse click and/or single tap on the touchscreen using a button labelled Remove Photo.</div> <div>iii. The OLU must be allowed to select a photo number in the table and once the photo is selected and highlighted, the Remove Photo button must allow for the deletion of the photo.</div> <div>h. Add Photo</div> <div>i. The Add Photo button must allow the OLU to capture another photo.</div> <div>ii. The Livescan must allow the OLU to capture up to a total of three photos.</div> <div>iii. Upon selection of the Add Photo button, the Livescan must clear the previous photo displayed and allow the OLU to capture another photo.</div>					
11.1.1 Screen Appearance	5. The Livescan must allow the OLU to remove a photo by selecting the photo row. Once selected, the whole row must be highlighted and the OLU must be allowed to select the Remove Photo button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
and Functionality						
11.1.1 Screen Appearance and Functionality	6. Once the Remove Photo button is clicked or tapped, a dialog box must appear and a message must be displayed to the OLU, "Do you want to remove this photo?" with Yes and No buttons.	(M)				
11.1.1 Screen Appearance and Functionality	7. Upon selection of the Yes button, the photo must be deleted.	(M)				
11.1.1 Screen Appearance and Functionality	8. Upon selection of the No button, the OLU will be returned to the Photo Capture Screen.	(M)				
11.1.1.1 Capture Photo						
11.1.1.1 Capture Photo	1. The photo capture screen must automatically activate the camera settings (e.g. open shutter, activate image sensor, etc) to allow the OLU to capture a photo upon entering this step in the workflow.	(M)				
11.1.1.1 Capture Photo	2. The Livescan must allow Auto face-centring to be turned off by unselecting the auto face-centering checkbox (which is set by default).	(M)				
11.1.1.1 Capture Photo	3. The Livescan must allow the OLU by use of the foot pedal to capture a photo.	(M)				
11.1.1.1 Capture Photo	4. The Livescan must allow for the capture of a still image by use of a Capture button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.1.1.1 Capture Photo	5. The Livescan must allow the OLU to observe the captured facial image.	(M)				
11.1.1.1 Capture Photo	6. The Livescan must allow the OLU to capture, remove and recapture facial images multiple times, as required.	(M)				
11.1.1.1 Capture Photo	7. If the OLU recaptures a photo, the previous photo for that subject pose must be replaced by the recaptured photo.	(M)				
11.1.1.1 Capture Photo	8. If a recapture of a photo is not required, the Livescan must store the captured digital facial image as a Type-10 record within the transaction.	(M)				
11.1.1.1 Capture Photo	9. The OLU must be allowed to capture the next image in the series of image captures required by use of the Additional Photo button.	(M)				
11.1.1.1 Capture Photo	10. The photo capture screen must display the number of photos that have been captured by way of an incremental display.	(M)				
11.1.1.1 Capture Photo	11. Once the photo capture has been completed and all of the mandatory requirements have been met, the Livescan must allow the OLU by use of the NEXT button to proceed to the next stage of the process.	(M)				
<b>11.1.1.2 Skip Photo Capture</b>						
11.1.1.2 Skip Photo Capture	1. The OLU must be allowed to select the NEXT button to move to the next stage of the process.	(M)				
<b>11.1.2 MAP Differences</b>						
11.1.2 MAP Differences	1. For the Subject Pose the Livescan must display the following option: a. Subject Pose	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>i. The subject pose values must be displayed in radio button format and must only include: <ul style="list-style-type: none"> <li>1) Full Face Frontal</li> </ul> </li> <li>ii. Subject Pose must be defaulted to Full Face Frontal.</li> </ul>					
11.1.2 MAP Differences	2. The Add Photo button must not be available for the MAP Photo capture requirements and must not be displayed to the OLU.	(M)				
11.1.2 MAP Differences	3. If the photo is mandatory, the Livescan must force the OLU to capture a photo by not enabling the Next button until after the photo is captured.	(M)				
11.1.2 MAP Differences	4. If the photo is not mandatory, the Livescan must allow the OLU to use the Next button to proceed to the next stage of the process.	(M)				
11.1.3 CARN Differences and IMM Differences						
11.1.3 CARN Differences and IMM Differences	1. For a CARN, if the photo is captured, the Livescan must store the captured digital facial image as a Type-10 record within the transaction, but the Type-10 record must not be included in the transaction submitted to the RTID System.	(M)				
11.1.3 CARN Differences and IMM Differences	2. For IMM the Livescan must store the captured digital facial image as a Type-10 record within the transaction, but the Type-10 record must not be included in the transaction submitted to the RTID System.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>11.2 Cardscan</b>						
<b>11.2.1 Screen Appearance and Functionality</b>						
11.2.1 Screen Appearance and Functionality	1. Refer to Figure 31 - Cardscan Photo Capture CARY, CARN, REF.	(I)				
11.2.1 Screen Appearance and Functionality	2. The Cardscan must allow: <ul style="list-style-type: none"> <li>a. 0-3 facial images to be captured, saved in the NIST packet as a type-10 record, submitted to the RTID System, and stored locally on the Cardscan in an area that is accessible to the OLU for CARY and REF transactions;</li> <li>b. 0-3 facial images to be captured and stored locally on the Cardscan in an area that is accessible to the OLU for CARN.</li> <li>c. 0-1 frontal facial image or the template (Photo Not Available) to be captured in the NIST packet as a type-10 record submitted to the RTID System based on the application type, but not stored for MAP transactions.</li> </ul>	(M)				
11.2.1 Screen Appearance and Functionality	3. The scanner must capture a facial image from a hardcopy photograph or a photograph from the fingerprint form and the captured facial image must appear on the screen within 30 seconds from the time the scan is initiated.	(M)				
11.2.1 Screen Appearance and Functionality	4. The Cardscan must display a table that details information about the photo such as photo number and pose.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.2.1.1 CARY, CARN and REF Photo Capture						
11.2.1.1 CARY, CARN and REF Photo Capture	<p>1. The OLU must be allowed to select a Photo Option from the choice of the following two radio buttons:</p> <ul style="list-style-type: none"><li>a. Photo<ul style="list-style-type: none"><li>i. The OLU will place the provided photo on the flatbed scanner.</li><li>ii. The photograph will be a similar size to an average passport photo approximately 55 mm x 70 mm.</li></ul></li><li>b. Fingerprint Form Photo<ul style="list-style-type: none"><li>i. The Cardscan must display the photo on the fingerprint form that was captured in the initial scan.</li></ul></li></ul>	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	<p>2. The Cardscan must display the following buttons and options:</p> <ul style="list-style-type: none"><li>a. Scan / Rescan button<ul style="list-style-type: none"><li>i. The Scan button allows the OLU to scan the photograph on the flatbed scanner.</li><li>ii. The Cardscan must allow an OLU to observe the scanned photo.</li><li>iii. If there is a photo image due to a previous capture either from the original fingerprint card scan or from a previously captured photo the Scan button must change to a Rescan button.</li><li>iv. If the OLU rescans a photo the previous photo for that subject pose must be deleted.</li></ul></li><li>b. Subject Pose</li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>i. The subject Pose functionality must allow the OLU to choose the pose of the subject by use of radio buttons.</div><div>ii. The subject pose text descriptions must be the following options;<div><div>1) Full Face Frontal<div><div>a) The Full Face Frontal must be defaulted for the Subject Pose</div><div>b) The Full Face Frontal must be the first selection.</div><div>c) The Full Face Frontal must only be selected once.</div></div></div><div>2) Right Profile<div><div>a) The Right Profile must be must only be selected once.</div></div></div><div>3) Left Profile<div><div>a) The Left Profile must only be selected once.</div></div></div></div></div><div>c. Photo Descriptors<div><div>i. The Photo Descriptors button must open a separate window that is overlaid on the photo capture screen and allows the OLU to enter descriptors and comments for photos as outlined by the requirements in the ICD and the ANSI- NIST.</div></div></div><div>d. Photo Table</div></div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 11. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>i. The Cardscan must display a table that contains two columns:</div><div>1) Photo<div><div>a. The photo column must display the photo number.</div><div>b. The OLU must be allowed to select a photo number in the table and once the photo number is selected and highlighted, the Cardscan must display photo to the OLU.</div></div></div><div>2) Pose<div><div>a. The pose column must display the subject pose.</div></div></div><div>e. Remove Photo<div><div>i. The Remove Photo button must allow the OLU to delete the recently captured photo.</div><div>ii. The Cardscan must allow for the deletion of a captured photo by a single mouse click and/or single tap on the touchscreen by use of a button labelled Remove Photo.</div><div>iii. The OLU must be allowed to select a photo in the table and once the photo is selected and highlighted, the Remove Photo button must allow for the deletion of the photo.</div></div></div><div>f. Add Photo<div><div>i. The Additional Photo button must allow the OLU to capture another photo.</div></div></div></div></div>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>ii. The Cardscan must allow the OLU to capture up to a total of three photos.</li> <li>iii. Upon selection of the Additional Photo button, the Cardscan must clear the previous photo displayed and allow the OLU to scan another photo on the flatbed scanner.</li> </ul>					
11.2.1.1 CARY, CARN and REF Photo Capture	3. The Cardscan must apply the correct template to ensure the proper capture and placement of the photo for the onscreen display.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	4. The scanner must capture a facial image from a hardcopy photograph within 30 seconds from the time the scan is initiated to the time the complete facial image appears onscreen.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	5. The Cardscan must present the OLU the scanned photograph onscreen, overlaid with a positional and resizable image template box that maintains an aspect ratio of 1:1.25.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	6. The Cardscan must allow the OLU to centre the overlaid image template box over the scanned photograph.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	7. The Cardscan must allow the OLU to crop the photograph by reducing the size of the overlaid image template box, without changing the horizontal or vertical aspect ratio of 1:1.25.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	8. The Cardscan must store the captured digital facial image as a Type-10 record within the transaction.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.2.1.1 CARY, CARN and REF Photo Capture	9. The Cardscan must allow the OLU to remove a photo by selecting the photo number column. Once selected, the whole row must be highlighted.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	10. The OLU must be allowed to select the Remove Photo button.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	11. Once the Remove Photo button is clicked or tapped, a popup window must appear and a message must be displayed to the OLU, "Do you want to remove this photo?" with Yes and No buttons.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	12. Upon selection of the Yes button, the photo must be deleted.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	13. Upon selection of the No button, the OLU will be returned to the Photo Capture Screen.	(M)				
11.2.1.1 CARY, CARN and REF Photo Capture	14. Once the photo capture has been completed and all of the mandatory requirements have been met, the Cardscan must allow the OLU by use of the NEXT button to proceed to the next stage of the process.	(M)				
<b>11.2.1.1.1 Skip Photo Capture</b>						
11.2.1.1.1 Skip Photo Capture	1. The OLU must be allowed to select the NEXT button to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.2.1.2 MAP Photo Capture						
11.2.1.2 MAP Photo Capture	1. Refer to Figure 32 - Cardscan Photo Capture - MAP.	(I)				
11.2.1.2 MAP Photo Capture	2. The OLU must be allowed to select from the following Photo Options radio buttons: a. Photo i. The OLU will place the provided photo on the flatbed scanner. ii. The photograph will be a similar size to an average passport photo approximately 55 mm x 70 mm. b. Photo Not Available i. If Photo Not Available is selected, the Cardscan must auto-populate the Type-10 data with the wording "Photo Not Available".	(M)				
11.2.1.2 MAP Photo Capture	3. The Cardscan must display the following buttons and options: a. Scan/ Rescan i. The Scan button allows the OLU to scan the photograph on the flatbed scanner. ii. The Cardscan must allow an OLU to observe the scanned photo and optionally rescan it multiple times. iii. In order to rescan the photo, the Scan button label must change to a Rescan button. iv. If the OLU rescans a photo the previous photo for that subject pose must be deleted. (M)	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>b. Subject Pose</div><div><div>i. The subject pose values must be displayed in radio button format and must only include:</div><div><div>1) Full Face Frontal</div><div><div>a) The Full Face Frontal must be defaulted for the Subject Pose.</div></div></div></div><div><div>c. Photo Descriptors</div><div><div>i. The Photo Descriptors button must open a separate window that is overlaid on the photo capture screen and allows the OLU to enter descriptors and comments for photos as outlined by the requirements in the ICD and the ANSI- NIST.</div></div></div><div><div>d. Photo Table</div><div><div>i. The Cardscan must display a table that contains two columns:</div><div><div>1) Photo</div><div><div>a) The photo column must display the photo number.</div><div>b) The OLU must be allowed to select a photo number in the table and once the photo number is selected and highlighted, the Cardscan must display photo to the OLU.</div></div></div><div><div>2) Pose</div><div><div>a) The pose column must display the subject pose.</div></div></div></div><div><div>e. Remove Photo</div></div></div></div>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 11. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>i. The Remove Photo button must allow the OLU to delete the recently captured photo.</li> <li>ii. The Cardscan must allow for the deletion of a captured photo by a single mouse click and/or single tap on the touchscreen by use of a button labelled Remove Photo.</li> </ul>					
11.2.1.2 MAP Photo Capture	4. Upon selection of the Photo Not Available radio button, the OLU must be allowed to select the NEXT button.	(M)				
11.2.1.2 MAP Photo Capture	5. The Cardscan must store and transmit the “Photo Not Available” as a Type-10 record within the transaction.	(M)				
11.2.1.2 MAP Photo Capture	6. The Cardscan must generate an image placeholder with the words “Photo Not Available, to include in the NIST packet for submission to the RTID system.	(M)				
11.2.1.2 MAP Photo Capture	7. Upon selection of the Photo checkbox, the OLU must be allowed to select the Scan button.	(M)				
11.2.1.2 MAP Photo Capture	8. The Cardscan must apply the correct template to ensure the proper capture and placement of the photo for the onscreen display.	(M)				
11.2.1.2 MAP Photo Capture	9. The scanner must capture a facial image from a hardcopy photograph within 30 seconds from the time the scan is initiated to the time the complete facial image appears onscreen.	(M)				
11.2.1.2 MAP Photo Capture	10. The Cardscan must present the OLU the scanned photograph onscreen, overlaid with a positional and resizable image template box that maintains an aspect ratio of 1:1.25.	(M)				
11.2.1.2 MAP Photo Capture	11. The Cardscan must allow the OLU to centre the overlaid image template box over the scanned photograph.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
11.2.1.2 MAP Photo Capture	12. The Cardscan must allow the OLU to crop the photograph by reducing the size of the overlaid image template box without changing the horizontal or vertical aspect ratio of 1:1.25.	(M)				
11.2.1.2 MAP Photo Capture	13. Once the photo capture has been completed and all of the mandatory requirements have been met, the Cardscan must allow the OLU by use of the NEXT button to proceed to the next stage of the process.	(M)				
11.2.1.2.1 Skip Photo Capture						
11.2.1.2.1 Skip Photo Capture	1. The OLU must be able to select the NEXT button if the photo is not supplied and not required for the MAP application type.	(M)				
11.2.1.2.1 Skip Photo Capture	2. If the Photo requirements are mandatory for the MAP application type the Cardscan must highlight the Photo options buttons in pale yellow to identify to the OLU that photo capture requirements are mandatory.	(M)				
11.2.1.2.1 Skip Photo Capture	3. The OLU must not be able to select the NEXT button if the photo is mandatory.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1 Livescan						
12.1.1 Screen Appearance and Functionality						
12.1.1 Screen Appearance and Functionality	1. Refer to Figure 33 - Missing Fingerprint Reason.	(I)				
12.1.1 Screen Appearance and Functionality	2. Refer to Figure 34 - Livescan ID Flat Plain Impression Capture.	(I)				
12.1.1 Screen Appearance and Functionality	3. Refer to Figure 35 - Livescan Fingerprint Capture.	(I)				
12.1.1 Screen Appearance and Functionality	4. The Fingerprint Capture Screen must allow the OLU to capture the required fingerprints for the transaction being created.	(M)				
12.1.1.1 Fingerprint Capture						
12.1.1.1 Fingerprint Capture	1. The Livescan Fingerprint Capture process will include: a. Rolled and Plain Impressions; or b. ID Flat Impressions.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat</b>						
12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat	1. The Livescan must display prior to rolled and plain fingerprint capture, a diagram of the back of the hands (left and right) to allow the OLU to identify missing fingers and plain impressions.	(M)				
12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat	2. The Livescan must permit the OLU in one screen the ability to identify all missing fingers with a reason.	(M)				
12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat	3. The Livescan must allow the OLU to select fingers to be identified as missing prior to the fingerprint capture process.	(M)				
12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat	4. The Fingerprint Capture Screen must contain the following as depicted in: a. An image of the Left Hand and an image of the Right Hand for identifying an individual finger with a missing finger reason. i. The Livescan must identify one diagram of the hand as Left Hand and the other diagram of the hand as Right Hand.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>ii. These images must be used to identify an individual finger as missing.</li> <li>iii. The Livescan must display all missing finger reason codes in check box format using the descriptions as outlined in the ICD.</li> <li>iv. Only one or the other checkbox can be selected.</li> <li>v. Once the OLU selects a reason for the missing finger, the Livescan must automatically display an x in the box beside the name of the finger and on the corresponding finger on the image of the hand.</li> <li>vi. The OLU must also be allowed to enter the date the finger was amputated or bandaged.</li> <li>vii. If an image or finger is marked as amputated or bandaged, the Livescan must not prompt the OLU to capture the rolled finger, plain impression, or the D Flat impression.</li> </ul>					
12.1.1.1.1 Missing Fingerprint Process for Rolled and Plain and ID Flat	5. The Livescan must allow the OLU to remove a missing finger reason for a fingerprint or image by clearing the checkbox (i.e. check or uncheck) and only one checkbox per finger can be checked at a time.	(M)				
<b>12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints</b>						
12.1.1.1.2 Capturing Of	1. The Livescan must allow for the auto-capture and auto-advance of fingerprint enrolments.	(M)				

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Rolled and Plain Fingerprints						
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	2. The auto-advance feature must prompt the OLU to capture the next image in the series of image captures required.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	3. The auto-capture feature must allow the OLU to capture the image without use of the foot pedal.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	4. The Livescan scanner must use a beep sound to indicate to the OLU that either the rolled or plain impressions have been captured.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	5. The Livescan must allow the OLU by use of the foot pedal to force the capture of the plain impression if the required quality assessment is not achieved.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	6. The Livescan must capture Type-4 (Tenprint rolled and plain fingerprint impression images) at 500ppi.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	7. The Livescan must display all references to Finger codes using the descriptions as outlined in the ICD (e.g. right thumb, right index finger).	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	8. The Livescan must prompt the OLU to capture fingerprints and must include the finger name.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	9. The Livescan must enforce the capture of Type-4 records for a CARY, CARN, REF and MAP (3401, 3402, and 3405) at 500ppi.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	10. The Livescan must capture the rolled and plain impressions in the following order: a. Left and Right Thumb Plain impressions simultaneously i. Once captured, the Left and Right Thumb Plain impressions must be segmented to image 11 and image 12. b. Right Plain Impression i. Includes the right index, right middle, right ring and right little ii. Four fingers taken simultaneously c. Left Plain Impression i. Includes the left index, left middle, left ring and left little ii. Four fingers taken simultaneously d. Right Rolled Thumb e. Right Rolled Index f. Right Rolled Middle g. Right Rolled Ring	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>h. Right Rolled Little</li> <li>i. Left Rolled Thumb</li> <li>j. Left Rolled Index</li> <li>k. Left Rolled Middle</li> <li>l. Left Rolled Ring</li> <li>m. Left Rolled Little</li> </ul>					
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	11. Refer to Figure 35 - Livescan Fingerprint Capture.	(I)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	12. The fingerprint capture screen must include an image of the back of the hand indicating the finger to be captured.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	13. The finger to be captured must be identified to the OLU by use of a prompt below the image of the hand and an arrow above the finger(s).	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	14. For the plain impression capture, the Livescan must display the OLU with a quality assessment indicator.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	15. The quality assessment indicator must use green (good), yellow (fair) and red (poor) as the indicator of quality.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	16. If the auto-capture feature is unable to capture the plain impression to the required quality, the Livescan must allow the OLU to capture the plain impression by use of the foot pedal.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	17. The Livescan must perform a fingerprint quality check and hand placement sequence check each time the plain impressions are captured.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	18. The Livescan must allow the OLU to recapture plain impressions by use of a Rescan button.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	19. The Livescan must perform a fingerprint quality and sequence check against the plain impressions when the rolled impression is captured.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	20. The Livescan must perform a fingerprint quality and sequence check each time fingerprint impressions are captured.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	21. Where the rolled fingerprint impressions are found to be of insufficient quality, the Livescan must prompt the user to recapture the images a maximum of two times (initial capture plus one additional attempt), unless successfully captured to the required compliant quality.	(M)				

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12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	22. If the Livescan identifies that a rolled finger is of poor quality, the Livescan must display the following message to the OLU by use of a dialog box: a. The fingerprint impression is of poor quality, please rescan. b. The dialog box must have an OK button.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	23. Upon selection of the OK button, the Livescan must identify the finger to be recaptured and allow the OLU to capture the finger.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	24. The Livescan must permit the OLU to override the quality check after a maximum of two attempts (initial capture plus one additional attempt).	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	25. If after the second attempt, the Livescan still indicates an issue with the quality of the impression(s), the Livescan must choose the best impression and delete the other impression.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	26. When the fingerprint quality override is invoked, the Livescan must prompt the OLU to enter a poor quality reason for the override from a dropdown list of options. The options must be listed using the descriptions as outlined in the ICD.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	27. The poor quality reasons dropdown list must be wide enough to uniquely identify the reason from all other reasons.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	28. The Livescan must, in the case of out of sequence fingers, identify the correct finger to recapture and force the OLU to recapture the correct finger by use of a dialog box. a. The incorrect finger was rolled, please scan (e.g. the right thumb). b. The dialog box must have an OK button.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	29. Upon selection of the OK button, the OLU must be allowed to recapture the correct finger.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	30. Once the finger is recaptured, the Livescan must delete the previously captured finger.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	31. Each time fingerprint impressions are recaptured, the Livescan must perform a fingerprint quality and sequence check.	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	32. The Livescan must store and transmit override reason codes and finger numbers within the Type-2 record using Fingerprint Quality Override (Tag 2.893).	(M)				
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	33. The Livescan must perform a hand placement sequence check for the plain impressions.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.1.2 Capturing Of Rolled and Plain Fingerprints	34. The Livescan Fingerprint Capture screen must display and must allow the OLU to add, modify or remove a missing finger or image reason by use of a list of radio buttons that identify the available missing reasons. a. Amputated b. Bandaged c. Physical Limitations i. Identifies that the fingerprint impressions may or may not be able to be captured due to the physical limitations of the fingers. Refer to Section 12.1.1.1.2.3 d. Remove Reason	(M)				
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged During Fingerprint Capture						
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged During Fingerprint Capture	1. During the fingerprint capture process for the rolled and/ or plain impressions, the OLU must be allowed to enter a missing reason of Amputated or Bandaged.	(M)				
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged	2. The OLU must be allowed to select the missing reason of Amputated or Bandaged by use of a list of radio buttons.	(M)				

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During Fingerprint Capture						
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged During Fingerprint Capture	3. During the fingerprint capture of the plain impressions (e.g. right plain impression), if the OLU selects Amputated or Bandaged, the Livescan must not prompt the OLU to capture the rolled impressions for the plain impressions (e.g. right index, right middle, right ring and right little.)	(M)				
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged During Fingerprint Capture	4. During the fingerprint capture of a rolled fingerprint image (e.g. left little), the OLU must be allowed to select Amputated or Bandaged. The Livescan must do a sequence check to verify that the Type-4 (image 14), does not contain an Amputated or Bandaged fingerprint image (e.g. left little).	(M)				
12.1.1.1.2.1 Adding a Missing Reason of Amputated or Bandaged During Fingerprint Capture	5. If a missing reason of Amputated or Bandaged is added, the Livescan must populate the Type-2 data for the missing finger.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture						
12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture	1. During the fingerprint capture process for the rolled and/or plain impressions, the OLU must be allowed to remove a missing reason of Amputated or Bandaged.	(M)				
12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture	2. The OLU must be allowed to select the menu tab for the missing finger image or plain impression image.	(M)				
12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture	3. The OLU must then be able to remove the missing reason by use of the Remove Reason radio button.	(M)				

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12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture	4. If a missing reason of Amputated or Bandaged is removed, the Livescan must remove the Type-2 data for the identified missing finger.	(M)				
12.1.1.1.2.2 Removing a Missing Reason of Amputated or Bandaged During Fingerprint Capture	5. The Livescan must prompt the OLU to capture the fingerprint image.	(M)				
12.1.1.1.2.3 Missing Reason of Physical Limitations						
12.1.1.1.2.3 Missing Reason of Physical Limitations	1. When the OLU has identified that a fingerprint image has a missing reason of Physical Limitations, the Livescan must allow the OLU to capture an image. The 3 possible scenarios in which a Physical Limitation reason can be used are: a. Select Physical Limitation (Tag 2.8084) in Rolled (Type-4, 1 to 10) and capture Fingerprint Image in Plain (Type-4, 11 to 14); b. Select Physical Limitation (Tag 2.8084) in Plain Impressions (Type-4, 11 to 14) and capture fingerprint imaged in Rolled (Type-4, 1 to 10);	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c. Select Physical Limitation (Tag 2.8084) in Plain Impressions (Type-4, 11 to 14) and Rolled Impressions (Type-4, 1 to 10).					
12.1.1.1.2.3.1 A. Physical Limitations for the Rolled Fingerprint Images with the Ability to Capture Plain Impression Images						
12.1.1.1.2.3.1 A. Physical Limitations for the Rolled Fingerprint Images with the Ability to Capture Plain Impression Images	1. This scenario describes a situation where the rolled fingerprint images cannot be captured due to Physical Limitations but the plain impressions or partial plain impressions can be captured.	(I)				
12.1.1.1.2.3.1 A. Physical Limitations for the Rolled Fingerprint Images with the Ability to Capture Plain Impression Images	2. The Livescan must allow the OLU to identify a missing reason of Physical Limitations for the rolled impressions, but must allow the OLU to capture the plain impressions (Type-4, 11 to 14); a. If the OLU is attempting to capture the left plain impression, (e.g. Type-4, image 14) but only 2 fingers are able to be captured, the Livescan must allow the OLU to capture the partial images (2 fingers), and must not mark image 14 as missing. b. During the capture of the rolled impressions, if the OLU observes that any of the fingers are physically limited, the Livescan must allow the OLU to select a missing reason by using the radio button for Physical Limitations.	(M)				

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	<p>c. If the rolled impression has been identified with a missing reason of Physical Limitations, the OLU must not be able to capture the rolled impressions for that finger.</p> <p>d. The Livescan must update the corresponding Type-2 data (Tag 2.8084) with PL.</p> <p>e. The Livescan must allow the OLU to remove the missing reason of Physical Limitations by use of the REMOVE REASON radio button and allow the OLU to capture the rolled image. The Livescan must delete the Type -2 data associated with the missing finger.</p>					
12.1.1.1.2.3.2 B. Physical Limitations of the Plain Impression and Capture of the Rolled Fingerprint Image						
12.1.1.1.2.3.2 B. Physical Limitations of the Plain Impression and Capture of the Rolled Fingerprint Image	1. This scenario describes a situation where the plain impressions cannot be captured due to Physical Limitations, but the rolled images can be captured.	(I)				
12.1.1.1.2.3.2 B. Physical Limitations of the Plain Impression and Capture of the Rolled	2. The Livescan must allow the OLU to identify a missing reason of Physical Limitations for the plain impressions, but allow the OLU to capture the rolled impressions; a. If the OLU is attempting to capture the right plain impressions, (Type-4 image 13), but is unable to do so due to physical limitations, the Livescan must allow the OLU to select the missing reason of Physical Limitations.	(M)				

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Fingerprint Image	<ul style="list-style-type: none"> <li>b. The Livescan must update the corresponding Type-2 data (Tag 2.8084) with code MI.</li> <li>c. During the capture process for the right rolled impressions (Type-4 images 2, 3, 4, and 5), the OLU must be able to capture the rolled fingerprint images.</li> <li>d. The Livescan must allow the OLU to remove the missing reason of Physical Limitations by use of the REMOVE REASON radio button and allow the OLU to capture the plain impression. The Livescan must delete the Type-2 data associated with the missing plain impression image.</li> </ul>					
<b>12.1.1.1.2.3.3 C. Physical Limitations of the Rolled and Plain Impressions</b>						
12.1.1.1.2.3.3 C. Physical Limitations of the Rolled and Plain Impressions	1. This scenario describes a situation where both the plain impressions and rolled impressions cannot be captured due to Physical Limitations.	(I)				
12.1.1.1.2.3.3 C. Physical Limitations of the Rolled and Plain Impressions	2. The Livescan must allow the OLU to identify a missing reason of Physical Limitations for both the plain impressions (Type-4, 11-14) and the rolled fingerprint images (Type-4, 1 to 10); <ul style="list-style-type: none"> <li>a. The Livescan must update the corresponding Type-2 data (Tag 2.8084) with either PL or MI.</li> <li>b. The Livescan must allow the OLU to remove the missing reason of Physical Limitations by use of the REMOVE REASON radio button and allow the OLU to capture the plain impression. The Livescan must delete the Type-2 data associated with the missing plain impression image.</li> </ul>	(M)				

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12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats						
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	1. The Livescan must capture Type-14 (Identification Flat - impression images) at 500ppi.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	2. The Livescan must allow for the capture of ID Flats for applicable MAP application types.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	3. The Livescan must enforce the capture of Type-14 records for IMM transactions.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	4. The Livescan must allow for the auto-capture and auto-advance of enrolments.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	5. The auto-advance feature must automatically prompt the OLU to capture the next image in the series of image captures required.	(M)				

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12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	6. The auto-capture feature must allow the OLU to capture the image without use of the foot pedal.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	7. The Livescan must display all references images as, Right Plain Impression, Left Plain Impression, Left and Right Thumbs).	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	8. The Livescan must prompt the OLU to capture fingerprints and must include the ID Flat impression name.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	9. The Livescan must capture the ID Flat impressions in the following order: a. Left and Right Thumb Plain impressions simultaneously b. Right ID Flat Impression i. Includes the right index, right middle, right ring and right little ii. Four fingers taken simultaneously c. Left ID Flat Impression i. Includes the left index, left middle, left ring and left little ii. Four fingers taken simultaneously	(M)				

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12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	10. The fingerprint capture screen must include a diagram of a hand.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	11. The diagram of the hand displaying the fingers to be captured must appear to the OLU as the back of the hand.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	12. The ID Flat impression to be captured must be identified to the OLU by use of a prompt below the image of the hand.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	13. For the ID Flat impression capture, the Livescan must display the OLU with a quality assessment indicator.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	14. The quality assessment indicator must use green (good), yellow (fair) and red (poor) as the indicator of quality.	(M)				
12.1.1.1.3 Livescan	15. The Livescan scanner must use a beep sound to indicate to the OLU that the ID Flat impressions have been captured.	(M)				

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Fingerprint Image Capture - ID Flats						
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	16. The Livescan must prompt the OLU to capture the ID Flat impression again if the impressions are of poor quality, a maximum of two times (initial plus two additional attempts), unless successfully captured to the required compliant quality.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	17. If the Livescan identifies that an ID Flat impression is of poor quality, the Livescan must display a message the same or similar to the following to the OLU by use of a dialog box; a. The ID Flat impression is of poor quality, please rescan. b. The dialog box must have an OK button.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	18. Upon selection of the OK button, the Livescan must identify the ID Flat impression to be recaptured and allow the OLU to capture the impression without the use of the Rescan button.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	19. The Rescan button must be available to the OLU to re-capture the ID Flat impression.	(M)				
12.1.1.1.3 Livescan Fingerprint	20. If after the second attempt, the Livescan still indicates an issue with the quality of the plain impressions, the Livescan must choose the best ID Flat impression diagram of the two plain images taken and delete the other image.	(M)				

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Image Capture - ID Flats						
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	21. When the fingerprint quality override is invoked based on the fingerprint quality of each of the ten fingerprints, the Livescan must prompt the OLU to enter a poor quality reason for the override for each finger from a dropdown list of options. The options must be listed using the descriptions as outlined in the ICD.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	22. The Livescan must perform a fingerprint quality check and hand placement sequence check each time the plain impressions are captured.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	23. The Livescan must, in the case of incorrect hand placement of the plain impressions, identify the correct plain impression to recapture and force the OLU to recapture the correct ID Flat impression by use of a dialog box. a. The incorrect plain impression was captured, please scan (e.g. the right plain impression). b. The dialog box must have an OK button.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	24. Upon selection of the OK button, the OLU must be allowed to recapture the correct plain impression without the use of the Rescan button.	(M)				

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12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	25. The Rescan button must be available to the OLU to capture ID Flat impression to allow the OLU to manually rescan an ID Flat impression.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	26. Once the ID Flat impression is recaptured, the Livescan must delete the previously captured plain impression.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	27. Each time the ID Flat impressions are recaptured, the Livescan must perform a hand placement sequence check and quality assessment check.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	28. The Livescan must display to the OLU the recapture results of the ID Flat impression ID Flat quality check.	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	29. The Livescan must store and transmit override reason codes and finger numbers within the Type-2 record using Fingerprint Quality Override (Tag 2.893).	(M)				
12.1.1.1.3 Livescan	30. The Livescan Fingerprint Capture screen must display and must allow the OLU to add, modify or remove the two thumb	(M)				

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Fingerprint Image Capture - ID Flats	<p>impressions, the right ID Flat impression and the left ID Flat impression by use of a list of radio buttons that identify the available missing reasons.</p> <ul style="list-style-type: none"> <li>a. Amputated</li> <li>b. Bandaged</li> <li>c. Physical Limitations <ul style="list-style-type: none"> <li>i. Identifies that the fingerprint impressions may or may not be able to be captured due to the physical limitations of the fingers.</li> </ul> </li> <li>d. Remove Reason</li> </ul>					
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	<p>31. The Livescan must only allow in the fingerprint capture screen to identify missing finger reasons by the following:</p> <ul style="list-style-type: none"> <li>a. Right and Left Thumb Impressions</li> <li>b. Right Plain Impression</li> <li>c. Left Plain Impression</li> </ul>	(M)				
12.1.1.1.3 Livescan Fingerprint Image Capture - ID Flats	<p>32. Individual missing fingers are identified in the Missing Reason Process and – or the Fingerprint Summary.</p>	(I)				
<b>12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical Limitations during ID Flats Capture</b>						
12.1.1.1.3.1 Adding a Missing Reason of Amputated,	<p>1. During the fingerprint capture process for the ID Flat impressions, the OLU must be allowed to enter a missing reason of Amputated, Bandaged or Physical Limitations.</p>	(M)				

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Bandaged or Physical Limitations during ID Flats Capture						
12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical Limitations during ID Flats Capture	2. The OLU must be allowed to select the missing reason of Amputated, Bandaged or Physical Limitations by use of a list of radio buttons.	(M)				
12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical Limitations during ID Flats Capture	3. During the capture of the ID Flat impressions (e.g. right ID Flat impression), if the OLU had selected Amputated or Bandaged on the Missing Finger Reason screen, the Livescan must not prompt the OLU to capture the ID Flat impression.	(M)				
12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical	4. The missing fingerprint reason must be used to identify the entire impression is missing. (e.g. Left four finger plain impression).	(M)				

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Limitations during ID Flats Capture						
12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical Limitations during ID Flats Capture	5. During the capture of the ID Flat impressions, the Livescan may identify that all fingers have not been captured (e.g. left little not present). The OLU must be able to identify the missing finger on the Fingerprint Summary Screen. Refer to Fingerprint Summary Screen For ID Flats.	(M)				
12.1.1.1.3.1 Adding a Missing Reason of Amputated, Bandaged or Physical Limitations during ID Flats Capture	6. If a missing reason of Amputated, Bandaged or Physical Limitations is added, the Livescan must populate the Type-2 data for the missing plain impression.	(M)				
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations During ID Flat Capture						
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or	1. During the capture process for the ID Flat impression, the OLU must be allowed to remove a missing reason of Amputated and Bandaged.	(M)				

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Physical Limitations During ID Flat Capture						
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations During ID Flat Capture	2. The OLU must be allowed to select the status menu tab associated to the ID Flat impression that is marked with an exemption reason of Amputated or Bandaged.	(M)				
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations During ID Flat Capture	3. The Livescan must display the fingerprint capture associated to the selected status menu tab, and allow the OLU to select the Remove Reason radio button.	(M)				
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	4. Upon selection of the Remove Reason radio button, the Livescan must allow the OLU to capture the ID Flat impression.	(M)				

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During ID Flat Capture						
12.1.1.1.3.2 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations During ID Flat Capture	5. If a missing reason of Amputated, Bandaged or Physical Limitations is removed, the Livescan must remove the Type-2 data for the previously missing plain impression.	(M)				
12.1.1.2 Livescan Palm Print Image Capture						
12.1.1.2 Livescan Palm Print Image Capture	1. Refer to Figure 38 - Livescan Upper Palm Capture.	(I)				
12.1.1.2 Livescan Palm Print Image Capture	2. Refer to Figure 39 - Livescan Lower Palm Capture.	(I)				
12.1.1.2 Livescan Palm Print Image Capture	3. Refer to Figure 40 - Livescan Writers Palm Capture.	(I)				
12.1.1.2 Livescan Palm	4. Palm print capture can include palm prints and writer's palm.	(I)				

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Print Image Capture						
12.1.1.2 Livescan Palm Print Image Capture	5. The Livescan must capture the Palm Print impressions at 500ppi.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	6. The Livescan must allow for the auto-capture and auto-advance of enrolments.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	7. The auto-advance feature must prompt the OLU to capture the next image in the series of image captures required.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	8. The auto-capture feature must allow the OLU to capture the image without use of the foot pedal.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	9. If the auto-capture feature is unable to capture the palm print impressions to the required quality, the Livescan must allow the OLU to capture the palm print impressions by use of the foot pedal.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	10. For Palm Print impression capture, the Livescan must display the OLU with a quality assessment indicator.	(M)				

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12.1.1.2 Livescan Palm Print Image Capture	11. The quality assessment indicator must use a green (good), yellow (fair) and red (poor) as the indicator of quality.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	12. The Livescan must for the capture of the palm print impressions use a beep sound to indicate to the OLU that the palm print impressions have been captured.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	13. The Livescan must capture the Palm Prints based on the Vendor's Best Practice.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	14. The Livescan must display to the OLU the "Helpful Tips" based on the Vendor's Best Practice. Along with these Best Practices add a statement that upper palms must include the four fingers.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	15. If images 13 and 14 are identified as a missing image due to a missing reason of amputated or bandaged, the Livescan must not prompt the OLU to capture palm prints for that hand.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	16. If a finger image is identified with a missing reason code of physical limitations, the Livescan must allow for the capture of the palm print.	(M)				
12.1.1.2 Livescan Palm	17. If the rolled images are identified as PL and the plains are identified as MI, the Livescan must not prompt the OLU to capture palms for that hand.	(M)				

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Print Image Capture						
12.1.1.2 Livescan Palm Print Image Capture	18. The Livescan must allow the OLU to capture palms from the right hand but no palms from the left hand and vice versa.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	19. If the Vendor solution for the capture of Palm Prints is, right and left upper and lower palm prints and writer's palm prints, the Print Capture screen must include a diagram of the back of the hand for the OLU. The image must include: a. Upper/Lower Palm Prints and Writer's i. The upper and lower palm images must include the interdigital area as overlap for verification. This area must be highlighted on the image of the back of the hand. ii. The Upper Palm Print must contain the four fingers and the interdigital portion of the palm. iii. Four fingers refers to the three phalanges of the fingers and the two phalanges of the side of the thumb and the interdigital area refers to the top portion of the palm iv. The thumb may be captured in the upper palm capture. v. The Lower Palm Print must contain the part of the hand that extends from the wrist to the base of the fingers.	(M)				

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	vi. The writer's palm is the area on the side of the palm that normally rests against the paper when writing.					
12.1.1.2 Livescan Palm Print Image Capture	20. If the Vendor solution for the capture of Palm Prints is, right and left upper and lower palm prints and writer's palm prints, the Livescan must capture palm print impressions in the following order: a. Right Upper Palm b. Right Lower Palm c. Right Writer's Palm d. Left Upper Palm e. Left Lower Palm f. Left Writer' Palm	(M)				
12.1.1.2 Livescan Palm Print Image Capture	21. If the Vendor solution for the capture of Palm Prints is, right and left upper and lower palm prints and writer's palm prints, the Vendor's best practice must ensure that the upper and lower palm prints are captured to ensure that a sequence check will be successful.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	22. If upper and lower palms are captured, the Livescan must perform a palm sequence check. a. The Livescan upon upper palm capture must compare the fingerprints of the upper palms against the Type-4 rolled and plain impressions of the associated hand. i. If the Livescan is unable to compare the fingerprints and upper palm due to poor hand placement, the Livescan must instruct the OLU to reposition the upper palm.	(M)				

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	<ul style="list-style-type: none"> <li>ii. If the Livescan is unable to verify the fingerprints and upper palm are a match due to quality, the Livescan must capture the upper palm and allow the OLU to proceed.</li> <li>iii. The Livescan must submit the captured upper palm to the RTID System.</li> <li>b. The Livescan upon lower palm capture must compare the lower palm image to the upper palm. <ul style="list-style-type: none"> <li>i. If the Livescan is unable to compare the upper palm and lower palm due to poor hand placement, the Livescan must instruct the OLU to reposition the lower palm.</li> <li>ii. If the Livescan is unable to verify the fingerprints and lower palm are a match due to quality, the Livescan must capture the lower palm and allow the OLU to proceed.</li> <li>iii. The Livescan must submit the captured lower palm to the RTID System.</li> </ul> </li> </ul>					
12.1.1.2 Livescan Palm Print Image Capture	23. The Livescan must permit the OLU to skip the lower palm print capture enrolment sequence and proceed to the next step. <ul style="list-style-type: none"> <li>a. If the upper palm is captured, the OLU must be able to capture the lower palm on a separate screen.</li> <li>b. The OLU must be allowed to skip the lower palm capture once the upper palm has been captured by use of a SKIP button.</li> </ul>	(M)				
12.1.1.2 Livescan Palm	24. The lower palm must not be captured in the absence of the upper palm.	(M)				

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Print Image Capture						
12.1.1.2 Livescan Palm Print Image Capture	25. Writer's palms cannot be captured if upper, lower palm prints are not captured.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	26. If the Vendor solution for the capture of Palm Prints is, the right and left full palm prints and writer's palm prints, the Print Capture screen must include a diagram of the back of the hand for the OLU. The image must include: <ul style="list-style-type: none"> <li>a. Full Palm Prints and Writer's <ul style="list-style-type: none"> <li>i. A full palm print must include the full impression of the hand from the wrist to the tips of the fingers.</li> <li>ii. Writer's palm is the area on the side of the palm which normally rests against the paper when writing.</li> </ul> </li> </ul>	(M)				
12.1.1.2 Livescan Palm Print Image Capture	27. If the vendor solution for the capture of Palm Prints is, the right and left full palm prints and writer's palm prints, the Livescan must capture palm print impressions for the Full Palm in the following order: <ul style="list-style-type: none"> <li>a. Right Full Palm</li> <li>b. Right Writer's Palm</li> <li>c. Left Full Palm</li> <li>d. Left Writer's Palm</li> </ul>	(M)				
12.1.1.2 Livescan Palm	28. If the vendor solution for the capture of Palm Prints is, the right and left full palm prints and writer's palm prints, the Livescan must	(M)				

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Print Image Capture	prompt the OLU to capture the full palm and writer's palm for each hand.					
12.1.1.2 Livescan Palm Print Image Capture	29. The palm impression to be captured must be identified to the OLU by use of a prompt below the image of the hand.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	30. The vendor's best practice must ensure that the full palm print is captured to ensure that a sequence check will be successful.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	31. If full palms are captured, the Livescan must perform a palm sequence check. a. The Livescan device must compare the upper full palm to the Type-4 rolled and plain impressions. i. If the Livescan is unable to compare the fingerprints and full palm due to poor hand placement, the Livescan must instruct the OLU to reposition the full palm. ii. If the Livescan is unable to verify the fingerprints and full palm are a match due to quality, the Livescan must capture the full palm and allow the OLU to proceed. iii. The Livescan must submit the captured full palm to the RTID System. b. Writer's palms cannot be captured if full palm prints are not captured.	(M)				

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	c. The Writer's palm capture must not be displayed to the OLU if the full palm prints are not captured.					
12.1.1.2 Livescan Palm Print Image Capture	32. The Livescan must display the following buttons on the Right Hand Palm Print capture screen for the right upper capture or the right full palm capture: a. SKIP PALM PRINT CAPTURE i. Upon selection of the button, the system must allow the OLU to skip the palm print capture and move to the next stage of the process. b. SKIP RIGHT PALM PRINT CAPTURE i. Upon selection of the button, the OLU must advance to the left palm print capture.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	33. If the OLU has captured the upper palm of the right or the left, the lower palm print capture screen must display the following button: a. SKIP i. Upon selection of the button the Livescan must allow the OLU to skip the lower palm print capture and move to the next stage of the process. ii. The writer's palm must be skipped if the lower palm print is not captured. iii. If the SKIP button is selected for the right lower palm, the OLU must advance to the left palm capture. iv. If the SKIP button is selected for the left lower palm, the OLU must move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.2 Livescan Palm Print Image Capture	34. Upon successful capture of the upper and lower palm print or the full palm print, the writer's palm print capture screen must display the following button: a. SKIP i. Upon selection of the SKIP button, the Livescan must allow the OLU to skip the writer's palm print capture and move to the next stage of the process. ii. If the SKIP button is selected for the right writer's palm capture, the OLU must move to the left writer's palm capture. iii. If the SKIP button is selected for the left writer's palm capture, the OLU must move to the next stage of the process.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	35. The Livescan must display the following button on the left hand palm print capture screen for the left upper capture or the left full palm capture. a. SKIP LEFT PALM PRINT CAPTURE i. Upon selection of the button, the OLU must move to the next stage of the process.	(M)				
12.1.1.2 Livescan Palm Print Image Capture	36. Once the palm print capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process by use of the NEXT button.	(M)				
12.1.1.2 Livescan Palm	37. The palm sequence check should be effective and efficient with sequence checks for plains/rolled to upper palms and upper palms to lower palms.	(R)				

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Print Image Capture						
12.1.1.3 Fingerprint Summary Screen						
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture						
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	1. The Fingerprint Summary Screen must appear after the completion of the Rolled and Plain and Palm Print Capture.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	2. Refer to Figure 42 - Ten Print Summary Screen.	(I)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and	3. Refer to Figure 43 - Livescan Palm Summary Pop-Up.	(I)				

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Palm Print Capture						
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	<p>4. The Livescan must allow the OLU to view all captured fingerprint images including the rolled impressions, Left and Right Plain Impressions and Thumb Plain Impressions on a single screen.</p> <p>a. The display of the rolled and plain fingerprint impressions must be in a fingerprint card layout.</p> <p>b. The Livescan must identify to the OLU which fingers have an override reason associated to them.</p> <p>c. The Livescan must identify to the OLU which fingers are missing and the missing reason associated to them.</p>	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	<p>5. The Livescan must display the missing reason code using the description as outlined in the ICD for each missing finger in the centre of the fingerprint image box for:</p> <p>a. Amputated</p> <p>b. Bandaged</p> <p>c. Physical Limitations</p>	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	<p>6. If the OLU chose a poor quality override reason during the capture of the rolled impressions, the Livescan must display the word "Override" for each poor quality finger, centered above the rolled impression box associated to that image.</p>	(M)				

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12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	7. The Livescan must display a Missing Date field and allow the OLU to enter a date that the finger or impression went missing.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	8. The Livescan must display a button labelled Palm Prints to allow the OLU to view the Palm Print impressions for CARY, CARN and REF only.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	9. The Livescan must display a black check mark beside the Palm Prints button to identify that palm prints were captured.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for	10. The Livescan must display a black X beside the Palm Prints button to identify that no palm prints were captured.	(M)				

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Rolled and Plain Capture and Palm Print Capture						
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	11. If the Palm Prints button is clicked or tapped, the Livescan must display on a separate screen, the Palm Print images.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	12. The OLU must be able to recapture palm prints from the Fingerprint Summary Screen. Refer to Section 12.1.1.3.1.1.2 for further information on palm print recapture.	(M)				
12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	13. The OLU must be able to recapture fingerprint images and fingers from the Fingerprint Summary Screen. Refer to Section 12.1.1.3.1.1 for further information on fingerprint recapture.	(M)				

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12.1.1.3.1 Fingerprint Summary Screen for Rolled and Plain Capture and Palm Print Capture	14. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process: a. CARY, CARN and REF i. The SUBMIT button must allow the OLU to move to the Submit Screen b. MAP i. The NEXT button must allow the OLU to move to the Biometric Consent Screen. ii. The SUBMIT button must be greyed out.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers						
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	1. The Livescan must allow the OLU to recapture fingerprint images or fingers from the Fingerprint Summary Screen.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	2. The Livescan must display the following button. a. Rescan	(M)				

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12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	3. In order to recapture the plain impression image or finger, the Livescan must allow the OLU to select a fingerprint box or plain impression box.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	4. Once selected the Livescan must highlight the selected rolled impression box or plain impression box.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	5. Once highlighted a rescan of the fingerprint or plain impression must be possible by use of a Rescan button.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	6. The Livescan must present a screen allowing the OLU to capture the rolled impression or plain impression.	(M)				

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12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	7. The Livescan must capture the rolled impression or the plain impression.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	8. The Livescan must perform a fingerprint quality and sequence check each time fingerprint images are captured.	(M)				
12.1.1.3.1.1 Recapturing Of Plain Impression Fingerprint Images and Fingers	9. Once the rescan, fingerprint quality and sequence check are complete, clicked or tapped, the Livescan must return the OLU to the Fingerprint Summary screen and allow the rescanning of another plain impression or rolled impression if required.	(M)				
12.1.1.3.1.1.1 Missing Finger Reasons						
12.1.1.3.1.1.1 Missing Finger Reasons	1. The Livescan must allow the OLU to add, modify or remove a missing finger or image reason by use of a list of radio buttons that identify the available missing reasons. a. Amputated b. Bandaged	(M)				

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	c. Physical Limitations d. Remove Reason					
<b>12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged</b>						
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	1. This scenario describes the adding of a missing reason of amputated or bandaged when the plain impression or finger has been captured previously.	(I)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	2. The Livescan must allow the OLU to add a missing reason of amputated or bandaged for a fingerprint or plain impression previously captured.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	3. In order to add a missing reason of amputated or bandaged, the Livescan must allow the OLU to select a rolled impression box or plain impression box.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	4. Once selected the Livescan must highlight the selected rolled impression box or plain impression box.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason	5. Once the rolled impression box or plain impression box has been highlighted, the Livescan must allow the OLU by use of a list of radio buttons to identify the missing reason of amputated or bandaged.	(M)				

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of Amputated or Bandaged						
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	6. If a single finger (e.g. right index, right middle) is identified as amputated or bandaged the Livescan must prompt the OLU to recapture the plain impression associated to the finger. (e.g. the right plain impression).	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	7. If fingers 2,3,4,5 are identified as amputated or bandaged, the Livescan must remove image 13 and must record it as a missing image.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	8. If fingers 7, 8,9,10 are identified as amputated or bandaged, the Livescan must remove image 14 and must record it as a missing image.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	9. If image 14 is identified as amputated or bandaged by the OLU, the Livescan must remove fingers 7, 8,9,10 and record them as either amputated or bandaged.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	10. If finger 1 is identified as amputated or bandaged, the Livescan must remove image 11 and must record it as a missing image.	(M)				

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12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	11. If finger 6 is identified as amputated or bandaged, the Livescan must remove image 12 and must record it as a missing image.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	12. The Livescan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
12.1.1.3.1.1.1.1 Adding a Missing Reason of Amputated or Bandaged	13. The Livescan must allow the OLU to remove a missing reason of Amputated or Bandaged by use of the REMOVE REASON radio button, and retain the captured image.	(M)				
<b>12.1.1.3.1.1.1.2 Modifying a Missing Reason</b>						
12.1.1.3.1.1.1.2 Modifying a Missing Reason	1. This scenario describes the process of modifying a missing reason.	(I)				
12.1.1.3.1.1.1.2 Modifying a Missing Reason	2. The Livescan must allow the OLU to modify a missing reason for a rolled fingerprint image or plain impression.	(M)				
12.1.1.3.1.1.1.2 Modifying a Missing Reason	3. The Livescan must allow the OLU to select a rolled fingerprint image box or a plain impression image box in order to allow for a modification of the missing reason.	(M)				

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12.1.1.3.1.1.1.2 Modifying a Missing Reason	4. The Livescan must allow the OLU to highlight the rolled fingerprint image box or the plain impression image box.	(M)				
12.1.1.3.1.1.1.2 Modifying a Missing Reason	5. Once the rolled fingerprint image box or plain impression image box has been highlighted, the Livescan must allow the OLU by use of a list of radio buttons to select another missing reason.	(M)				
<b>12.1.1.3.1.1.1.2.1 Removing a Missing Reason of Amputated or Bandaged</b>						
12.1.1.3.1.1.1.2.1 1 Removing a Missing Reason of Amputated or Bandaged	1. This scenario describes the removal of a missing reason of Amputated or Bandaged and allowing for the capture of a plain impression image or finger.	(I)				
12.1.1.3.1.1.1.2.1 1 Removing a Missing Reason of Amputated or Bandaged	2. The Livescan must allow the OLU to remove a missing reason of amputated or bandaged and capture a plain impression image or finger.	(M)				
12.1.1.3.1.1.1.2.1 1 Removing a Missing Reason of Amputated or Bandaged	3. The Livescan must allow the OLU to select a rolled fingerprint image box or plain impression image box to allow for the removal of the missing reason.	(M)				
12.1.1.3.1.1.1.2.1 1 Removing a Missing Reason of Amputated or Bandaged	4. The Livescan must highlight the rolled fingerprint image box or plain impression box.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.3.1.1.1.2.1 Removing a Missing Reason of Amputated or Bandaged	5. Once the rolled fingerprint image box or plain impression image box has been highlighted, the Livescan must allow the OLU to remove the missing reason of Amputated or Bandaged by use of the REMOVE REASON radio button.	(M)				
12.1.1.3.1.1.1.2.1 Removing a Missing Reason of Amputated or Bandaged	6. If the missing reason of Amputated or Bandaged is removed, the Livescan must delete the missing reason and the corresponding Type-2 data for Tag 2.8084.	(M)				
12.1.1.3.1.1.1.2.1 Removing a Missing Reason of Amputated or Bandaged	7. The Livescan must allow the OLU to capture the plain impression image or finger by use of the Rescan button.	(M)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations						
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	1. This scenario describes the removing of the missing reason of Physical Limitations and allowing for the capture of a plain impression image or finger.	(I)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	2. The Livescan must allow the OLU to remove a missing reason of Physical Limitations and capture a plain impression image or finger.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	3. The Livescan must allow the OLU to select a rolled fingerprint image box or plain impression box to allow for the removal of the missing reason.	(M)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	4. The Livescan must highlight the rolled fingerprint image box or plain impression box.	(M)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	5. Once the rolled fingerprint image box or plain impression box has been highlighted, the Livescan must allow the OLU to remove the missing reason of Physical Limitations by use of the Remove Reason radio button.	(M)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	6. If the missing reason of Physical Limitations is removed, the Livescan must delete the missing reason and the corresponding Type-2 data for Tag 2.8084.	(M)				
12.1.1.3.1.1.1.2.2 Removing a Missing Reason of Physical Limitations	7. The Livescan must allow the OLU to capture the plain impression image or finger by use of the Rescan button.	(M)				
12.1.1.3.1.1.1.2.2 Removing a	8. The Livescan must allow for a missing reason of physical limitations in the rolled impressions and have a corresponding	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Missing Reason of Physical Limitations	image in the plain impressions, and vice versa. Refer to Section 12.1.1.1.2.3 for further information on Physical Limitations.					
12.1.1.3.1.1.2 Recapturing Of Palm Print Impressions						
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured						
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured	1. If the PALM PRINTS button is clicked or tapped, the Livescan must display the Palm Print images.	(M)				
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured	2. Once the PALM PRINT button has been clicked or tapped, the Livescan must open up a new screen overlaid on the fingerprint summary screen.	(M)				
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured	3. The Livescan must display both the left and right palm prints on the same screen.	(M)				
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured	4. The Livescan must display the following for both the right and left hand each being displayed on a single screen. a. Upper Palm print; and b. Lower Palm print; and c. Writer's Palm print; or d. Full Palm print; and e. Writer's Palm print	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.3.1.1.2.1 Palm Prints Were Previously Captured	5. The Livescan must display the following buttons on the screen. a. Rescan b. Done	(M)				
<b>12.1.1.3.1.1.2.1.1 Rescan Button</b>						
12.1.1.3.1.1.2.1.1 1 Rescan Button	1. In order to recapture palm print impressions, the Livescan must allow the OLU to select the upper/lower palm print or full palm print and writer's palm print. a. If the upper and lower palm print has been selected, the Livescan must recapture both the upper and lower impression image.	(M)				
12.1.1.3.1.1.2.1.1 1 Rescan Button	2. Once selected the Livescan must highlight the palm print impression box.	(M)				
12.1.1.3.1.1.2.1.1 1 Rescan Button	3. Once highlighted a rescan of the image must be possible by use of a RESCAN button located on the screen.	(M)				
12.1.1.3.1.1.2.1.1 1 Rescan Button	4. The Livescan must present the OLU with a screen allowing the OLU to capture the palm print impressions.	(M)				
12.1.1.3.1.1.2.1.1 1 Rescan Button	5. The Livescan must capture the palm print image.	(M)				
12.1.1.3.1.1.2.1.1 1 Rescan Button	6. If the RESCAN button is clicked or tapped, the Livescan must scan the palm print image and return the OLU to the Palm Print Summary screen.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.3.1.1.2.1.1 Rescan Button	7. The Livescan must perform a fingerprint quality and sequence check each time palm print images are captured.	(M)				
<b>12.1.1.3.1.1.2.1.2 Done Button</b>						
12.1.1.3.1.1.2.1.2 Done Button	1. The OLU must be able to return to the Fingerprint Summary screen by use of the DONE button.	(M)				
12.1.1.3.1.1.2.1.2 Done Button	2. If the DONE button is clicked or tapped, the Livescan must return the OLU to the Fingerprint Summary Screen.	(M)				
<b>12.1.1.3.1.1.2.2 Palm Prints Were Not Previously Captured</b>						
12.1.1.3.1.1.2.2 Palm Prints Were Not Previously Captured	1. If the PALM PRINTS button is clicked or tapped, the Livescan must display on a separate screen, the Palm Print images.	(M)				
12.1.1.3.1.1.2.2 Palm Prints Were Not Previously Captured	2. If the Palm prints were not previously captured, the Livescan must allow the OLU to capture palm print impression images. Refer to Section 12.1.1.2 for further information on Palm Print capture.	(M)				
<b>12.1.1.3.2 Fingerprint Summary Screen for ID Flats</b>						
12.1.1.3.2 Fingerprint Summary Screen for ID Flats	1. Refer to Figure 44 - Livescan ID Flat Summary.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.1.1.3.2 Fingerprint Summary Screen for ID Flats	2. The Fingerprint Summary Screen must appear after the completion of the ID Flats Capture.	(M)				
12.1.1.3.2 Fingerprint Summary Screen for ID Flats	3. The Livescan must allow the OLU to view all captured fingerprint images including the Left and Right Plain Impressions and Thumb Plain Impressions on a single screen, after segmentation of the plain images has occurred. a. The display of the ID Flat impressions must be in a fingerprint card layout. b. The ID Flat impressions must be segmented and must be displayed in a fingerprint card layout. (e.g. Right Index of the plain impression must be segmented and displayed in the right index rolled box). c. The Livescan must identify to the OLU which fingers have an override reason associated to them. d. The Livescan must identify to the OLU which fingers are missing and the missing reason associated to them.	(M)				
12.1.1.3.2 Fingerprint Summary Screen for ID Flats	4. The Livescan must display the missing reason code using the description as outlined in the ICD for each missing finger in the centre of the fingerprint image box for: a. Amputated b. Bandaged c. Physical Limitations	(M)				
12.1.1.3.2 Fingerprint	5. If the Livescan generates a poor quality override reason upon capturing of the ID Flat impression, the Livescan must display the	(M)				

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Summary Screen for ID Flats	word "OVERRIDE" for each poor quality finger rolled impression box.					
12.1.1.3.2 Fingerprint Summary Screen for ID Flats	6. The Livescan must display the word "OVERRIDE" directly centred above the rolled impression box.	(M)				
<b>12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images</b>						
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	1. The Livescan must allow the OLU to recapture ID Flat impression from the Fingerprint Summary Screen.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	2. The Livescan must display the following buttons. a. RESCAN	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	3. In order to recapture the ID Flat impression, the Livescan must allow the OLU to select the plain impression box only.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats	4. Once selected the Livescan must highlight the selected plain impression box.	(M)				

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Fingerprint Images						
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	5. Once highlighted a rescan of the image must be possible by use of a Rescan button.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	6. The Livescan must present the OLU with a screen allowing the OLU to capture the image.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	7. The Livescan must capture the plain impression.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	8. If the RESCAN button is clicked or tapped, the Livescan must scan the ID Flat impression and return the OLU to the Fingerprint Summary screen and allow the rescanning of another ID Flat impression if required.	(M)				
12.1.1.3.2.1 Recapturing Of ID Flats Fingerprint Images	9. The Livescan must perform a fingerprint quality and hand placement sequence check each time the ID Flat impressions are captured.	(M)				

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<b>12.1.1.3.2.1.1 Missing Finger Reasons - ID Flat Summary Screen</b>						
12.1.1.3.2.1.1 Missing Finger Reasons - ID Flat Summary Screen	1. The Livescan must allow the OLU to add, modify or remove a missing ID Flat impression reason by use of a list of radio buttons that identify the available missing reasons. a. Amputated b. Bandaged c. Physical Limitations d. Remove Reason	(M)				
<b>12.1.1.3.2.1.1.1 Adding a Missing Finger Reason of Amputated, Bandaged or Physical Limitations</b>						
<b>12.1.1.3.2.1.1.1.1 Scenario 1</b>						
12.1.1.3.2.1.1.1.1 Scenario 1	1. This scenario describes the adding of a missing reason of amputated, bandaged or physical limitations when the ID Flat impression has been captured previously.	(I)				
12.1.1.3.2.1.1.1.1 Scenario 1	2. The Livescan must allow the OLU to add a missing reason of amputated, bandaged or physical limitations for an ID Flat impression previously captured.	(M)				
12.1.1.3.2.1.1.1.1 Scenario 1	3. In order to add a missing reason of amputated, bandaged or physical limitations, the Livescan must allow the OLU to select an ID Flat impression box.	(M)				
12.1.1.3.2.1.1.1.1 Scenario 1	4. Once selected the Livescan must highlight the selected ID Flat impression box.	(M)				
12.1.1.3.2.1.1.1.1 Scenario 1	5. Once the ID Flat impression box has been highlighted, the Livescan must allow the OLU by use of a list of radio buttons to	(M)				

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	identify the missing reason of amputated, bandaged or physical limitations.					
12.1.1.3.2.1.1.1.1 Scenario 1	6. The Livescan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
12.1.1.3.2.1.1.1.1 Scenario 1	7. The Livescan must allow the OLU to remove a missing reason of Amputated, Bandaged or Physical Limitations by use of the Remove Reason radio button, and retain the captured image.	(M)				
<b>12.1.1.3.2.1.1.1.2 Scenario 2</b>						
12.1.1.3.2.1.1.1.2 Scenario 2	1. This scenario describes the adding of a missing reason of amputated, bandaged or physical limitations when the ID Flat impression was missing a finger.	(I)				
12.1.1.3.2.1.1.1.2 Scenario 2	2. The Livescan must allow the OLU to add a missing reason of amputated, bandaged or physical limitations for a finger image that was not captured.	(M)				
12.1.1.3.2.1.1.1.2 Scenario 2	3. In order to add a missing reason of amputated, bandaged or physical limitations, the Livescan must allow the OLU to select the blank segmented rolled impression box.	(M)				
12.1.1.3.2.1.1.1.2 Scenario 2	4. Once selected the Livescan must highlight the rolled impression box by a single click of the mouse and or single tap of touchscreen.	(M)				
12.1.1.3.2.1.1.1.2 Scenario 2	5. Once highlighted, the Livescan must allow the OLU by use of a list of radio buttons to identify a missing reason of amputated, bandaged or physical limitations.	(M)				
12.1.1.3.2.1.1.1.2 Scenario 2	6. The Livescan must allow the OLU to add a missing finger date.	(M)				

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12.1.1.3.2.1.1.1.2 Scenario 2	7. The Livescan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
<b>12.1.1.3.2.1.1.2 Modifying a Missing Reason</b>						
12.1.1.3.2.1.1.2 Modifying a Missing Reason	1. This scenario describes the process of modifying a missing reason.	(I)				
12.1.1.3.2.1.1.2 Modifying a Missing Reason	2. The Livescan must allow the OLU to modify a missing reason for a plain impression image.	(M)				
12.1.1.3.2.1.1.2 Modifying a Missing Reason	3. The Livescan must allow the OLU to select the ID Flat impression box in order to allow for a modification of the missing reason.	(M)				
12.1.1.3.2.1.1.2 Modifying a Missing Reason	4. The Livescan must allow the OLU to highlight the ID Flat impression box.	(M)				
12.1.1.3.2.1.1.2 Modifying a Missing Reason	5. Once the ID Flat impression box has been highlighted, the Livescan must allow the OLU by use of a list of radio buttons to select another missing reason.	(M)				
<b>12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations</b>						
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged	1. This scenario describes the removal of a missing reason of Amputated, Bandaged or Physical Limitations and allowing for the capture of an ID Flat impression.	(I)				

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or Physical Limitations						
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	2. The Livescan must allow the OLU to remove a missing reason of amputated, bandaged or physical limitations and capture an ID Flat impression.	(M)				
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	3. The Livescan must allow the OLU to select an ID Flat impression box to allow for the removal of the missing reason.	(M)				
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	4. The Livescan must highlight the ID Flat impression box.	(M)				
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged	5. Once the ID Flat impression box has been highlighted, the Livescan must allow the OLU to remove the missing reason of Amputated, Bandaged or Physical Limitations by use of the Remove Reason radio button.	(M)				

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or Physical Limitations						
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	6. If the missing reason of Amputated, Bandaged or Physical Limitations is removed, the Livescan must delete the missing reason and the corresponding Type-2 data for (Tag 2.8084).	(M)				
12.1.1.3.2.1.1.3 Removing a Missing Reason of Amputated, Bandaged or Physical Limitations	7. The Livescan must allow the OLU to capture the ID Flat impression by use of the RESCAN button.	(M)				
12.2 Cardscan						
12.2.1 Screen Appearance and Functionality						
12.2.1 Screen Appearance and Functionality	1. Refer to Figure 36 - Cardscan ID Flats Fingerprint Capture.	(I)				
12.2.1 Screen Appearance and Functionality	2. Refer to Figure 37 - Cardscan Fingerprint Capture.	(I)				

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12.2.1 Screen Appearance and Functionality	3. The Fingerprint Capture screen allows the OLU to capture the required fingerprints for the transaction being created.	(I)				
12.2.1 Screen Appearance and Functionality	4. The Cardscan must display the missing reasons by use of radio buttons. a. Missing Finger Reason i. Amputated ii. Bandaged iii. Physical Limitations iv. Remove Reason	(M)				
12.2.1 Screen Appearance and Functionality	5. The Cardscan must display a Missing Date field and allow the OLU to enter a date that the finger or impression went missing.	(M)				
12.2.1.1 Scanning Of Rolled and Plain Fingerprints						
12.2.1.1 Scanning Of Rolled and Plain Fingerprints	1. The Cardscan must capture the Tenprint rolled and plain fingerprint impression images at 500ppi.	(M)				
12.2.1.1 Scanning Of Rolled and Plain Fingerprints	2. The Cardscan fingerprint format in this document is defined as Rolled Fingerprint Impression Box and Plain Impression Box: a. Rolled Fingerprint Impression Box consists of the following: (I) i. Rolled Right thumb - (Image 1), ii. Rolled Right index - (Image 2)	(I)				

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	<ul style="list-style-type: none"> <li>iii. Rolled Right middle - (Image 3)</li> <li>iv. Rolled Right ring - (Image 4)</li> <li>v. Rolled Right little - (Image 5)</li> <li>vi. Rolled Left thumb - (Image 6)</li> <li>vii. Rolled Left index - (Image 7)</li> <li>viii. Rolled Left middle - (Image 8)</li> <li>ix. Rolled Left ring - (Image 9)</li> <li>x. Rolled Left little - (Image 10).</li> </ul> <p>b. Plain Impression Box consists of: (I)</p> <ul style="list-style-type: none"> <li>i. Plain Impression of the Right thumb - (Image 11)</li> <li>ii. Plain Impression of the Left thumb - (Image 12)</li> <li>iii. Right 4 finger plain impression - (Image 13)</li> <li>iv. Left 4 finger plain impression - (Image 14).</li> </ul>					
12.2.1.1 Scanning Of Rolled and Plain Fingerprints	3. The Cardscan must display all references to Finger codes using the descriptions as outlined in the ICD (e.g. Right thumb, Right index).	(M)				
12.2.1.1 Scanning Of Rolled and Plain Fingerprints	4. The Cardscan must enforce the capture of Type-4 records for a CARY, REF and MAP (3401, 3402, and 3405).	(M)				
12.2.1.1 Scanning Of Rolled and Plain Fingerprints	5. The scanner must capture the fingerprint images from a hardcopy form within 30 seconds from the time the scan is initiated to the time the complete fingerprint images appear onscreen.	(M)				

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12.2.1.1.1 Tenprint Fingerprint Card Scanning Process						
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	1. The hardcopy C-216 will already be on the scanner as the form was previously scanned to allow for the form to appear on the second monitor.	(I)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	2. The Fingerprint Capture screen must be displayed to the OLU.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	3. The Cardscan must allow the OLU to scan the fingerprint form by use of a SCAN button.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	4. The Cardscan must capture Type-4 (10 print rolled and plain fingerprints impression images) at 500ppi.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	5. The fingerprint images must be displayed on the Interface Monitor.	(M)				

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12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	6. The Cardscan must allow the OLU to view all captured fingerprint images on a single screen.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	7. The Scanning Monitor must no longer be displaying the scanned C-216 hardcopy form.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	8. The Cardscan must display the scanned rolled fingerprint and plain impressions in a fingerprint card layout format.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	9. The Cardscan must scan and properly segment rolled fingerprint and plain images from a fingerprint form to create Type-4 records.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	10. The Cardscan must allow the OLU to manually centre the fingerprint images within the NIST capture boxes by use of the mouse. The NIST capture boxes will be illustrated as overlaid dotted boxes.	(M)				
12.2.1.1.1 Tenprint	11. The Cardscan image template must allow the OLU to reduce the size of the NIST template box by use of the mouse to eliminate or	(M)				

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Fingerprint Card Scanning Process	minimize any fingerprint print form box lines or artifacts from the image.					
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	12. The Cardscan must retain any adjustments that were made to centre the fingerprint print image or reduce the NIST capture box size.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	13. The SCAN button must change to a RESCAN button once the fingerprints have been captured to allow for the possible rescanning of the fingerprint form.	(M)				
12.2.1.1.1 Tenprint Fingerprint Card Scanning Process	14. If a RESCAN is done, the previous images that were captured must be deleted and replaced with the newly scanned images.	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions						
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	1. The Cardscan must conduct a rolled finger impression to plain sequence check and a fingerprint quality check.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	2. The Cardscan must inform the OLU where the sequence check fails by highlighting the fingerprint images that are out of sequence.	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	3. The Cardscan must label the fingerprint images that are out sequence with the correct finger or image that is detected using the descriptions as outlined in the ICD and not using finger code numbers.	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	4. The Cardscan must in the case of a direct full hand rolled finger image swap, provide the OLU with the functionality to correct the out of sequence errors by allowing the OLU by use of a button labelled Swap Right Hand Rolled with Left Hand Rolled. (e.g. Right thumb, right index, right middle, right ring and right little are in image boxes 6, 7, 8 ,9,10 and Left thumb, left index, left middle, left ring and left little are in image boxes 1, 2,3,4,5).	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	5. The Cardscan must in the case of a direct plain impression swap, provide the OLU with the functionality to correct the out of sequence errors by use of a button labelled Swap Right Hand Plain Impression with Left Hand Plain Impression.	(M)				
12.2.1.1.1.1 Quality and Sequence	6. If the out of sequence error is due to the same finger being rolled twice, the Cardscan must identify which image from the plain	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Check of Rolled and Plain Impressions	impressions must be moved and must allow the OLU to copy and move the plain impression to the correct finger image box.					
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	7. The Cardscan must conduct a rolled finger impression to plain finger sequence check and a fingerprint quality check each time fingerprint images are captured, swapped or centred within the NIST capture boxes.	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	8. The Cardscan must conduct a hand placement sequence check each time fingerprint images are captured, swapped or centred within the NIST capture boxes.	(M)				
12.2.1.1.1.1 Quality and Sequence Check of Rolled and Plain Impressions	9. The Cardscan must perform a quality assessment of the allowable fingers and where quality does not meet a pre-set threshold, the Cardscan and not the user must insert an override reason. The override reason populated must be Code 99 (Other) with the reason "Cardscan Print" and the override reason must not be displayed to the OLU.	(M)				
<b>12.2.1.1.2 Missing Finger or Image Process</b>						
12.2.1.1.2 Missing Finger or Image Process	1. The Cardscan must allow the OLU to add, modify or remove a missing finger or image reason by use of a list of radio buttons that identify the available missing reasons of: a. Amputated	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>i. Identifies that the fingerprint impression is missing due to an amputation.</div><div>b. Bandaged<div>i. Identifies that the fingerprint impression is missing due to a temporary injury and the plain impression image or finger cannot be captured.</div></div><div>c. Physical Limitations<div>i. Identifies that the fingerprint impressions may or may not be able to be captured due to the individual's physical limitations.</div></div><div>d. Remove Reason<div>i. Removes the previously set missing finger reason.</div></div></div>					
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged						
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	1. The Cardscan must allow the OLU to identify a missing reason of amputated or bandaged.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	2. In order to add a missing reason of amputated or bandaged, the Cardscan must allow the OLU to select a rolled fingerprint box or a plain impression box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	3. Once selected the Cardscan must highlight the selected rolled fingerprint impression box.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	4. Once the fingerprint impression box has been highlighted, the Cardscan must allow the OLU by use of a list of radio buttons to identify the missing reason of amputated or bandaged.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	5. The Cardscan must insert the missing reason of Amputated or Bandaged in the corresponding fingerprint box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	6. The missing reason must be centred in the middle of the box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	7. If a rolled fingerprint impression has been identified as amputated or bandaged, the Cardscan must not include a fingerprint image in the NIST packet submitted to the RTID System.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	8. If a single finger (e.g. right index, right middle) is identified as amputated or bandaged the Cardscan must allow the remaining fingers (right ring and right little) to be present in the plain impression.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	9. If the OLU attempts to capture a plain impression and a rolled impression for the hand has been identified as amputated or bandaged, the Cardscan must alert the OLU. (e.g. left ring is marked as bandaged and the plain impression includes the left index, left middle, left ring and left little).	(M)				
12.2.1.1.2.1 Missing Reason	10. If the plain impression contains a finger that is marked as missing as shown in the rolled impression box, the Cardscan must	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
of Amputated or Bandaged	present the OLU with the message: The plain impressions contain a finger that was marked as missing but was captured. The missing finger reason must be removed.					
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	11. The OLU must now be allowed to remove the missing finger reason.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	12. If fingers 2,3,4,5 are identified as amputated or bandaged by the OLU, the Cardscan must record image 13 as a missing image and display Missing Image in the centre of the box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	13. If fingers 7, 8,9,10 are identified as amputated or bandaged by the OLU, the Cardscan must record image 14 as a missing image display Missing Image in the centre of the box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	14. If finger 1 is identified as amputated or bandaged by the OLU, the Cardscan must record image 11 as a missing image and display the wording of Amputated or Bandaged in the centre of the box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	15. If finger 6 is identified as amputated or bandaged by the OLU, the Cardscan must record image 12 as a missing image and display the wording of Amputated or Bandaged in the centre of the box.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	16. The Cardscan must update the corresponding Type-2 data for Tag 2.8084.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	17. The Cardscan must allow the OLU to remove a missing reason of Amputated or Bandaged by use of the Remove Reason radio button, and retain the captured image.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	18. The Cardscan must store and transmit the reason codes for missing fingers within the Type-2 record using Missing Finger Reason (Tag 2.8084).	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	19. If a missing reason is removed, the Cardscan must delete the Type-2 data associated to the deleted missing finger.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	20. The Cardscan must allow an OLU to add a missing reason at any point in the capture process.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	21. If a missing reason is added, the Cardscan must populate the Type-2 data for the missing finger.	(M)				
12.2.1.1.2.1 Missing Reason of Amputated or Bandaged	22. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2 Missing Reason of Physical Limitations						
12.2.1.1.2.2 Missing Reason of Physical Limitations	1. The Cardscan must allow the OLU during the manual centring of the fingerprint images the ability to identify a missing reason of physical limitations	(M)				
12.2.1.1.2.2 Missing Reason of Physical Limitations	2. If a fingerprint impression box or a plain impression box has been identified as Physical Limitations, there must not be a fingerprint image captured and submitted in the NIST packet to the RTID System.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions						
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	1. In order to add a missing reason of Physical Limitations, the Cardscan must allow the OLU to select a rolled fingerprint box.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	2. Once selected the Cardscan must highlight the selected fingerprint impression box.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	3. Once the fingerprint impression box has been highlighted, the Cardscan must allow the OLU by use of a list of radio buttons to identify the missing reason of physical limitations.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	4. The Cardscan must insert the missing reason of Physical Limitations in the corresponding fingerprint box.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	5. The missing reason must be centred in the middle of the box.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	6. If a single finger (e.g. right index, right middle) is identified as physical limitations by the OLU, the Cardscan must allow all the plain impressions to be present. (right index, right middle, right ring and right little).	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	7. The Cardscan must not alert the OLU if a rolled impression has been identified as physical limitations and the same rolled impression is present as part of plain impression images.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	8. If fingers 2,3,4,5 are identified as physical limitations by the OLU, the Cardscan must allow the right plain impression to be present and centered.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	9. If fingers 7, 8,9,10 are identified as physical limitations by the OLU, the Cardscan must allow the left plain impression to be present and centered.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	10. If finger 1 is identified as physical limitations by the OLU, the Cardscan must allow the image 11 to be present and centred.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	11. If finger 6 is identified as physical limitations by the OLU, the Cardscan must allow the image 12 to be present and centred.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	12. The Cardscan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	13. The Cardscan must allow the OLU to remove a missing reason of Physical Limitations by use of the Remove Reason radio button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	14. The Cardscan must store and transmit the reason codes for missing fingers within the Type-2 record using Missing Finger Reason (Tag 2.8084).	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	15. If a missing reason is removed, the Cardscan must delete the Type-2 data associated to the deleted missing finger.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	16. The Cardscan must allow an OLU to add a missing reason at any point in the capture process.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	17. If a missing reason is added, the Cardscan must populate the Type-2 data for the missing finger.	(M)				
12.2.1.1.2.2.1 Physical Limitations of Rolled Impressions	18. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions						
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	1. In order to add a missing reason of Physical Limitations, the Cardscan must allow the OLU to select a plain impression box.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	2. Once selected the Cardscan must highlight the selected plain impression box.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	3. Once the fingerprint impression box has been highlighted, the Cardscan must allow the OLU by use of a list of radio buttons to identify the missing reason of physical limitations.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	4. The Cardscan must insert the missing reason of Physical Limitations in the corresponding plain impression box.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	5. The missing reason must be centred in the middle of the box.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	6. If the left plain impression (image 14) is identified as physical limitations, the Cardscan must allow for the presence of the rolled left index, left middle, left ring and the left little.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	7. If the right plain thumb (image 11) is identified as physical limitations, the Cardscan must allow the right rolled thumb (image 1) to be present and centred.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	8. If finger 6 is identified as physical limitations, the Cardscan must allow image 12 to be present and centred.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	9. The Cardscan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	10. The Cardscan must allow the OLU to remove a missing reason of Physical Limitations by use of the Remove Reason radio button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	11. The Cardscan must store and transmit the reason codes for missing fingers within the Type-2 record using Missing Finger Reason (Tag 2.8084).	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	12. If a missing reason is removed, the Cardscan must delete the Type-2 data associated to the deleted missing finger.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	13. The Cardscan must allow an OLU to add a missing reason at any point in the process.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	14. If a missing reason is added, the Cardscan must populate the Type-2 data for the missing finger.	(M)				
12.2.1.1.2.2.2 Physical Limitations of Plain Impressions	15. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions						
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	1. In order to add a missing reason of Physical Limitations, the Cardscan must allow the OLU to select a rolled fingerprint box or a plain impression box.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	2. Once selected the Cardscan must highlight the selected rolled fingerprint box or plain impression box.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	3. Once the fingerprint impression box has been highlighted, the Cardscan must allow the OLU by use of a list of radio buttons to identify the missing reason of physical limitations.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	4. The Cardscan must insert the missing reason of Physical Limitations in the corresponding plain impression box.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	5. Once selected the Cardscan must highlight the selected rolled fingerprint box.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	6. Once the rolled fingerprint box has been highlighted, the Cardscan must allow the OLU by use of a list of radio buttons to identify the missing reason of physical limitations.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	7. The Cardscan must insert the missing reason of Physical Limitations in the corresponding rolled impression box.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	8. The missing reason must be centred in the middle of the box.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	9. The Cardscan must update the corresponding Type-2 data for Tag 2.8084.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	10. The Cardscan must allow the OLU to remove a missing reason of Physical Limitations by use of the Remove Reason radio button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	11. If the right plain impression (image 13) is identified as physical limitations, the Cardscan must allow for images 4 and 5 to be present.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	12. If the right plain thumb (image 11) is identified as physical limitations, the Cardscan must allow the right rolled thumb (image 1) to be identified as physical limitations.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	13. If a missing reason is removed, the Cardscan must delete the Type-2 data associated to the deleted missing finger.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	14. The Cardscan must allow an OLU to add a missing reason at any point in the capture process.	(M)				
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	15. If a missing reason is added, the Cardscan must populate the Type-2 data for the missing finger.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.1.2.2.3 Physical Limitations of Rolled and Plain Impressions	16. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				
<b>12.2.1.2 Cardscan Fingerprint Scanning For ID Flats</b>						
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	1. The hardcopy C-216C will already be on the scanner as the form was previously scanned to allow for the form to appear on the second monitor.	(I)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	2. Refer to Figure 36 - Cardscan ID Flats Fingerprint Capture.	(I)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	3. The Fingerprint Capture screen must be displayed to the OLU.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	4. The Cardscan must allow the OLU to scan the fingerprint form by use of a SCAN button.	(M)				

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12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	5. The Cardscan must capture Type-14 (Identification Flats impression images) at 500ppi for applicable MAP application types.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	6. The fingerprint images must be displayed on the Interface Monitor.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	7. The Cardscan must allow the OLU to view all captured fingerprint images on a single screen.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	8. The Cardscan must conduct a hand placement sequence check each time fingerprint images are scanned.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	9. The Scanning Monitor must no longer be displaying the scanned C-216C hardcopy form.	(M)				

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12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	10. The scanner must capture the fingerprint images from a hardcopy form within 30 seconds from the time the scan is initiated to the time the complete fingerprint images appear onscreen.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	11. The Cardscan must display the scanned fingerprint impressions to the OLU in a Fingerprint card layout format. a. Rolled Fingerprint Impression from image #. i. Segmented plain right thumb (impression in image 15) in the rolled right thumb image box (image 1). ii. Segmented plain right index (impression in image 13) in the rolled right index box (image 2). iii. Segmented plain right middle (impression in image 13) in the rolled right middle box (image 3). iv. Segmented plain right ring (impression in image 13) in the rolled right ring box (image 4). v. Segmented plain right little (impression in image 13) in the rolled right little box (image 5). vi. Segmented plain Left thumb (impression in image 15) in the rolled Left thumb box (image 6). vii. Segmented plain Left index (impression in image 14) in the rolled Left index box (image 7).	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>viii. Segmented plain Left middle (impression in image 14) in the rolled Left middle box (image 8).</li> <li>ix. Segmented plain Left ring (impression in image 14) in the rolled Left ring box (image 9).</li> <li>x. Segmented plain Left little (impression in image 14) in the rolled Left little box (image 10).</li> </ul> <p>b. Plain Impression Boxes</p> <ul style="list-style-type: none"> <li>i. Consists of the Plain Impression of the Right thumb (image 15) and Left thumb (image 15)</li> <li>ii. Consists of the right 4 finger plain impression (image 13).</li> <li>iii. Consists of the left 4 finger plain impression (image 14).</li> </ul>					
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	12. The Cardscan must after the scan, properly segment the plain impressions and place them in the correct rolled NIST capture box.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	13. The Cardscan must allow the OLU to rotate the ID Flat impressions and include repositioning and resizing the NIST capture box over the image.	(M)				
12.2.1.2 Cardscan Fingerprint	14. The Cardscan must conduct a fingerprint quality check each time fingerprint images are moved or centred.	(M)				

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Scanning For ID Flats						
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	15. The Cardscan image template must allow the OLU to reduce the size of the NIST template box by use of the mouse to eliminate or minimize any fingerprint print form box lines or artifacts from the image.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	16. The Cardscan must retain any adjustments that were made to centre the fingerprint print image or reduce the NIST capture box size.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	17. The Cardscan must, in the case of incorrect hand placement of the right and left plain impression identify to the OLU that they are in the wrong position. a. The Cardscan must label the plain impression images that are out sequence with the correct image that is detected, with the description as outlined in the ICD and not using image code numbers. (e.g. if the left plain impression is in the right plain impression box, the Cardscan must highlight the right plain impression box, and display a message to the OLU that states, "This is the left plain impression". b. The Cardscan must clearly display the message above the fingerprint image and not directly on the image. c. The Cardscan must provide the OLU with the functionality to correct the out of sequence errors by allowing the OLU by use of the button labelled Swap Right Hand Plain Impression with	(M)				

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	Left Hand Plain Impression to move the fingerprint image to the correct position on screen. d. The Cardscan must correct and re-segment the fingers in the rolled boxes.					
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	18. The Cardscan must perform a quality assessment of each segmented finger image in the plain impressions and where image quality does not meet a pre-set threshold, the Cardscan and not the user must insert an override reason in Tag 2.893. The override reason populated must be Code 99 (Other) with the reason "Cardscan Print".	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	19. The Cardscan must allow the OLU to enter a missing reason after the scanning of the ID Flats: a. Once the segmented fingers have been placed in the corresponding rolled boxes, the OLU must be able to select a missing reason for an empty box that does not contain an image. b. The OLU must be allowed to select the fingerprint box that requires the missing reason and once selected the box must be highlighted. c. The OLU must be allowed by use of radio buttons to choose one of the following missing reasons: (M) i. Amputated, ii. Bandaged, iii. Physical Limitations, or iv. Remove Reason. d. Once the missing reason has been selected, the rolled fingerprint box must display the missing reason.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>e. The missing reason must be centred in the middle of the box.</li> <li>f. The Cardscan must record and update the Missing Finger or Image Reason (Tag 2.8084) data.</li> </ul>					
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	20. The Cardscan must allow the OLU to remove a previously entered missing reason. <ul style="list-style-type: none"> <li>a. The OLU must be able to select the fingerprint box that requires the removal of the missing reason, and once selected, the box must be highlighted.</li> <li>b. The OLU must be able to select the Remove Reason radio button to remove the missing reason and the image of the finger must be retained.</li> <li>c. The Cardscan must remove the Missing Finger or Image Reason (Tag 2.8084) data.</li> </ul>	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	21. If all segmented images are missing from either the Left Hand or the Right Hand, the Cardscan device must annotate the corresponding plain impression box with "Missing Image" in the centre of the box.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	22. If either of the segmented thumbs are noted as being "Amputated or Bandaged", the Cardscan device must annotate the thumbs with "Amputated or Bandaged", in the centre of the box.	(M)				
12.2.1.2 Cardscan Fingerprint	23. The Cardscan must store and transmit the reason codes for missing fingers within the Type-2 record using Missing Finger or Image Reason (Tag 2.8084).	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Scanning For ID Flats						
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	24. The Cardscan must allow the OLU to remove a missing reason at any point in process.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	25. If a missing reason is removed, the Cardscan must delete the Type-2 data associated to the deleted missing finger.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	26. The SCAN button must change to a RESCAN button once the fingerprints have been captured to allow for the possible rescanning of the fingerprint form.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	27. If a RESCAN is done, the previous images that were captured must be deleted and replaced with the newly scanned images.	(M)				
12.2.1.2 Cardscan Fingerprint Scanning For ID Flats	28. Once the fingerprint capture has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process by use of the NEXT button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.3 Cardscan Palm Image Capture						
12.2.1.3 Cardscan Palm Image Capture	1. Refer to Figure 41 - Cardscan Palm Print Capture.	(I)				
12.2.1.3 Cardscan Palm Image Capture	2. The Palm Print capture screen must be displayed to the OLU.	(M)				
12.2.1.3 Cardscan Palm Image Capture	3. The Cardscan must allow for the scanning of the Right Full Palm Print and Writers Palm or Right Upper and Lower Palm Print and Writers Palm and a separate scan for the Left Full Palm Print and Writers Palm or Left Upper and Lower Palm Print and Writers Palm. The requirements below are written for the Right Hand only and must be replicated for the Left Hand.	(M)				
12.2.1.3 Cardscan Palm Image Capture	4. The Cardscan must display the following palm print capture screens in the order listed: a. Right Hand Palm Print Capture b. Left Hand Palm Print Capture	(M)				
12.2.1.3 Cardscan Palm Image Capture	5. The Cardscan must display on the right hand palm print capture screen the following two buttons: a. SKIP PALM PRINT CAPTURE i. Upon selection of this button, the system must allow the OLU to skip the palm print capture and move to the next stage of the process. b. SKIP RIGHT PALM PRINT CAPTURE i. Upon selection of this button, the OLU must advance to the left palm print capture.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.3 Cardscan Palm Image Capture	6. The Cardscan must display on the left hand palm print capture screen the following button: a. SKIP LEFT PALM PRINT CAPTURE i. Upon selection of this button the system must allow the OLU to move to the next stage of the process.	(M)				
12.2.1.3 Cardscan Palm Image Capture	7. Scanning of Palm Prints must be based on the Vendor's Best Practice.	(M)				
12.2.1.3 Cardscan Palm Image Capture	8. The Cardscan must display a label titled Palm Print Template with the following radio buttons to allow the OLU to choose whether they will be scanning a Full Palm Print or an Upper/Lower Palm Print with Full Palm Print as the default: a. Full Palm; b. Upper/Lower Palm.	(M)				
12.2.1.3 Cardscan Palm Image Capture	9. The Cardscan must display a single check box labelled Writer's Palm directly below the Palm Print Template radio buttons and the default must be checked.	(M)				
12.2.1.3 Cardscan Palm Image Capture	10. The OLU must be allowed to choose a Full Palm or Upper/Lower Palm template and the Writer's Palm check box associated to the template must be checked automatically.	(M)				
12.2.1.3 Cardscan Palm Image Capture	11. The OLU must be able to clear the checkbox for the writer's palm if it will not be captured.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.3 Cardscan Palm Image Capture	<div>12. The Cardscan must apply the correct template based on the checkbox selected by the OLU:<div><div>a. Full Palm Print and Writer's Palm<div><div>i. The Cardscan must allow the OLU to manually centre the full palm print image and writer`s palm within the NIST capture boxes by use of a mouse.</div><div>ii. The Cardscan image template must allow the OLU to reduce the size of the NIST template box by use of the mouse to eliminate or minimize any palm print form box lines or artifacts from the image.</div><div>iii. The Cardscan must retain any adjustments that were made to centre the palm print image or reduce the NIST capture box size.</div><div>iv. The Cardscan device must compare and verify that the upper palm image of the full palm matches to the Type-4 rolled and plain impression on the appropriate hand.</div></div></div><div>b. Upper, Lower Palm Print and Writer`s Palm<div><div>i. The Cardscan must allow the OLU to manually centre the upper and lower palm print image and writer`s palm within the NIST capture boxes by use of a mouse.</div><div>ii. The Cardscan image template must allow the OLU to reduce the size of the NIST template box by use of a mouse to eliminate or minimize</div></div></div></div></div>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>any palm print form box lines or artifacts from the image.</p> <p>iii. The Cardscan must retain any adjustments that were made to centre the palm print impressions or reduce the NIST capture box size.</p> <p>iv. The Cardscan device must compare and verify that the upper palm impression matches to the Type-4 rolled and plain impression on the appropriate hand.</p> <p>v. Upon verification of the above match, the Cardscan must compare and verify the upper palms to the lower palms.</p> <p>vi. The upper and lower palm impression must be captured and verified for each hand in order to ensure sequencing and the Cardscan must not allow the Type-15 record for the applicable hand to be submitted to the RTID System if both the upper and lower palms are not captured.</p>					
12.2.1.3 Cardscan Palm Image Capture	13. The OLU must be allowed to place the Palm Print hardcopy form on the scanner.	(M)				
12.2.1.3 Cardscan Palm Image Capture	14. After the OLU selects a template, the Cardscan must allow the OLU to scan the palm print form by use of a SCAN button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
12.2.1.3 Cardscan Palm Image Capture	15. The Cardscan must capture Type-15 (Palm Prints) at 500ppi.	(M)				
12.2.1.3 Cardscan Palm Image Capture	16. The scanner must capture the palm print image from a hardcopy form within 30 seconds from the time the scan is initiated to the time the complete palm print images appear onscreen.	(M)				
12.2.1.3 Cardscan Palm Image Capture	17. If the palm print form only contains the writer's palm, the Cardscan must not allow the writer's palm to be captured in the absence of the upper and lower or full palm.	(M)				
12.2.1.3 Cardscan Palm Image Capture	18. If the palm print form contains both left and right palm print impressions but no writer's palms, the Cardscan must allow the OLU to capture the left and right palm print impressions.	(M)				
12.2.1.3 Cardscan Palm Image Capture	19. The Cardscan must allow the OLU to submit the left palm print impressions without the right palm print impressions being captured and vice versa.	(M)				
12.2.1.3 Cardscan Palm Image Capture	20. If the Cardscan determines upon the sequence check that the right palm was scanned instead of the left palm, the Cardscan must advise the OLU and automatically move the right palm to the left palm or vice versa.	(M)				
12.2.1.3 Cardscan Palm Image Capture	21. If the Cardscan determines upon the sequence check that the palm impressions do not match to either of the plain impressions, the OLU must be informed that there is no match and be given the opportunity through a prompt to either INCLUDE or REMOVE the palm print impressions. a. If the OLU chooses INCLUDE, the Type-15 data must be included in the submitted NIST packet.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. If the OLU chooses REMOVE, the Type-15 record must not be included in the submitted NIST packet.					
12.2.1.3 Cardscan Palm Image Capture	22. The OLA must be able to configure the Cardscan to always REMOVE or to always INCLUDE palm print impressions that do not pass the sequence check based on their site policy, through a simple GUI configuration.	(M)				
12.2.1.3 Cardscan Palm Image Capture	23. The Cardscan must allow the rescanning of a palm print form from the Palm Print capture screen by use of a RESCAN button.	(M)				
12.2.1.3 Cardscan Palm Image Capture	24. The SCAN button must change to a RESCAN button once the palm prints have been scanned to allow for the possible rescanning of the palm print form.	(M)				
12.2.1.3 Cardscan Palm Image Capture	25. Once the palm print impressions have been captured and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
13.1 Livescan Screen Appearance and Functionality						
13.1.1 Livescan Biometric Endorsement Finger Capture						
13.1.1 Livescan Biometric	1. The endorsement finger must be captured on the same screen as the consent wording.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Endorsement Finger Capture						
13.1.1 Livescan Biometric Endorsement Finger Capture	2. Refer to Figure 45 - Livescan Consent.	(I)				
13.1.1 Livescan Biometric Endorsement Finger Capture	3. The Livescan must prompt the OLU to capture a Biometric Consent Endorsement Fingerprint when required by the MAP workflow.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	4. The Livescan must display on a single screen the appropriate consent form. a. Refer to Section 16.39.1.1 for Current State Livescan Third-Party Waiver Consent Form. (I) b. Refer to Section 16.39.1.1 for Current State Livescan Vulnerable Sector Consent Form. (I) c. Refer to Section 16.39.3.1 for Civil Efficiencies Livescan Biometric Consent Form. (I) d. Refer to Section 16.39.3.1 for Civil Efficiencies Livescan Biometric Vulnerable Sector Waiver Consent Form. (I)	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	5. At the bottom of the consent capture screen, the Livescan must allow the OLU to capture the Biometric Endorsement Finger.	(M)				
13.1.1 Livescan Biometric	6. The Livescan must capture the Biometric Endorsement at 500ppi.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Endorsement Finger Capture						
13.1.1 Livescan Biometric Endorsement Finger Capture	7. The Livescan must prompt the OLU and advise of the best finger to be used for Biometric Consent based on the NFIQ (NIST Fingerprint Image Quality) scoring.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	8. The Livescan must display a diagram of the hand that corresponds to the finger chosen for the Biometric Consent capture.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	9. The Livescan must allow the OLU to capture the finger based on the Vendor's Best Practice for the capture of fingerprints.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	10. The OLU must be allowed to capture the finger as a single finger plain impression image.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	11. The Livescan must use a beep sound to indicate to the OLU that the biometric consent fingerprint impression has been captured.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	12. The Livescan must allow the OLU to use a finger other than the one suggested by the Livescan and if this is done, the Livescan must automatically compare this finger to the Type-4 rolled and plain impressions or the Type-14 segmented images and if it	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	matches, the Livescan must use this image for the biometric consent.					
13.1.1 Livescan Biometric Endorsement Finger Capture	13. The Livescan must display a biometric consent match status box labelled Consent.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	14. The consent status box must display whether there has been a match or not by use of the following: a. MATCH b. NO MATCH	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	15. For a positive biometric match, the Livescan must display MATCH in the Consent box.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	16. If upon capture of the biometric endorsement finger, the Livescan is unable to match the biometric endorsement finger to the Type-4 rolled and plain impressions or the Type-14 segmented images, the Livescan must display NO MATCH in the Consent box.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	17. For a No Match, the Livescan must prompt the OLU to choose another fingerprint to be used for consent by use of a dialog box with the following message: a. The finger chosen does not match, please choose (e.g. the right index). i. The Livescan must advise the user of the next best finger to be used for consent based on the NFIQ score.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. The dialog box must have an OK button.					
13.1.1 Livescan Biometric Endorsement Finger Capture	18. If the second attempt at biometric consent capture fails, the Livescan must advise the OLU that the biometric consent image did not match by displaying NO MATCH.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	19. The Livescan must allow for the capture of the biometric consent two times unless a positive match occurs on the first attempt (initial capture plus one additional attempt).	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	20. The Livescan must, after two failed attempts, (initial plus one additional attempt) display to the OLU a message that a match could not be made due to poor quality images. a. Once the transaction has been submitted, the Livescan must display the following message “If an ERRT is returned for this transaction, a paper copy of the captured rolled and plain or identification flat impressions along with the associated signed consent forms must be mailed to the RCMP.”	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	21. The Error message dialog box must have a PRINT button allowing the OLU to print the message. Once the PRINT button is clicked or tapped the message must close.	(M)				
13.1.1 Livescan Biometric Endorsement Finger Capture	22. The Livescan must allow the OLU to submit the transaction even if a biometric consent match could not be made and must include the finger with the best NFIQ score.	(M)				
13.1.1 Livescan Biometric	23. Once the biometric consent finger verification has been completed and all mandatory requirements have been met, the	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Endorsement Finger Capture	OLU must have the option to move to the next stage of the process.					
13.2 Cardscan						
13.2.1 Screen Appearance and Functionality						
13.2.1.1 Cardscan Biometric Endorsement Capture						
13.2.1.1 Cardscan Biometric Endorsement Capture	1. Refer to Figure 46 - Cardscan Consent.	(I)				
13.2.1.1 Cardscan Biometric Endorsement Capture	2. The Cardscan must implement the applicable Biometric Consent form that applies based on the application type selected. Please reference the sections below for further information on form implementation. a. Current State – Civil Application and Civil Vulnerable Sector Application i. Refer to 16.39.2.1 b. Civil Efficiencies – Civil Application i. Refer to 16.39.4.1 c. Civil Efficiencies – Civil Vulnerable Sector Application i. Refer to 16.39.4.2	(M)				
13.2.1.1 Cardscan Biometric	3. If the radio button Biometric is clicked or tapped, the Cardscan must allow the OLU to capture a finger as the biometric consent.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Endorsement Capture						
13.2.1.1 Cardscan Biometric Endorsement Capture	4. The Cardscan must allow the OLU to capture the finger from an image on a hardcopy paper consent form by use of a Scan button.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	5. Once the fingerprint image has been captured, the SCAN button must change to a RESCAN button.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	6. The scanner must capture the biometric endorsement finger image from a hardcopy form within 30 seconds from the time the scan is initiated to the time the complete biometric consent finger image appears onscreen.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	7. The Cardscan must present the image onscreen within a NIST Capture Box positioned over or close to the fingerprint on the form.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	8. The Cardscan must allow the OLU to centre the NIST Capture Box over the scanned biometric endorsement finger.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
13.2.1.1 Cardscan Biometric Endorsement Capture	9. The Cardscan must not allow the OLU to increase the size of the NIST onscreen box.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	10. The Cardscan must allow the OLU to reduce the size of the NIST onscreen box to eliminate any extraneous lines or artifacts captured from the captured biometric fingerprint.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	11. The Cardscan must retain any adjustments that were made to centre the biometric fingerprint image or reduce the NIST capture box size.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	12. The Cardscan must conduct a 1: N verification of the biometric endorsement finger image to all rolled finger and plain impressions or ID Flat impressions.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	13. The Cardscan must display a biometric consent match status box labelled Consent.	(M)				
13.2.1.1 Cardscan	14. The consent status box must display whether there has been a match or not by use of the following:	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 13. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Biometric Endorsement Capture	a. Match b. No Match					
13.2.1.1 Cardscan Biometric Endorsement Capture	15. For a positive biometric match, the Cardscan must display Match in the Consent box.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	16. For an unsuccessful biometric match, the Cardscan must display No Match in the Consent box.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	17. For a No Match, the Cardscan must display a dialog box with the following message: a. The finger scanned does not match to any of the fingerprints b. The dialog box must have an OK button.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	18. Upon selection of the OK button, the Cardscan must allow the OLU to submit the transaction when the finger image was not positively verified to the corresponding rolled finger and plain impressions or ID Flat impressions. a. Once the transaction has been submitted, the Cardscan must display the following message "If an ERRT is returned for this transaction, a paper copy of the captured rolled and plain or ID Flat impressions along with the associated consent forms must be mailed to the RCMP."	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
13.2.1.1 Cardscan Biometric Endorsement Capture	19. The Error message dialog box must have a PRINT button allowing the OLU to print the message. Once the PRINT button is clicked or tapped the message must disappear.	(M)				
13.2.1.1 Cardscan Biometric Endorsement Capture	20. Once the fingerprint scanning has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
14.1 Livescan Screen Appearance and Functionality						
14.1.1 Submit Screen						
14.1.1 Submit Screen	1. Refer to Figure 48 - Livescan Submit Screen.	(I)				
14.1.1 Submit Screen	2. The Submit screen must allow for the following functionality and buttons:	(M)				
14.1.1 Submit Screen	a) Priority					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
14.1.1 Submit Screen	b) SUBMIT					
14.1.1 Submit Screen	c) Printer					
14.1.1 Submit Screen	d) PRINT					
14.1.1 Submit Screen	e) Transaction Manager					
14.1.1 Submit Screen	f) Workflow Manager					
14.1.1.1 Priority						
14.1.1.1 Priority	1. A dropdown list must allow the OLU to choose a priority between 1 and 9.	(M)				
14.1.1.1 Priority	2. The Priority setting must be defaulted to 4.	(M)				
14.1.1.1 Priority	3. An Agency may request that the Livescan only display a priority between 1 and 4.	(I)				
14.1.1.2 Submit						
14.1.1.2 Submit	1. The SUBMIT button must only be made available once all mandatory requirements have been met with regards to the transaction.	(M)				
14.1.1.2 Submit	2. The Livescan must allow the OLU to submit the transaction for search by use of the SUBMIT button.	(M)				
14.1.1.2 Submit	3. Upon selection of the SUBMIT button, the OLU must be presented a dialog box with the following message "Transaction	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	has been submitted". The dialog box must have an OK button which returns the OLU to the Submit Screen.					
14.1.1.2 Submit	4. Once the transaction has been submitted, the SUBMIT button must be greyed out.	(M)				
<b>14.1.1.3 Printer</b>						
14.1.1.3 Printer	1. The Livescan must have the ability to print to more than one FBI certified network printer, or to a directly connected FBI certified printer.	(M)				
14.1.1.3 Printer	2. The Livescan printer must be an FBI certified printer.	(M)				
14.1.1.3 Printer	3. The OLU must have the ability to select the number of copies to print by use of a dropdown list.	(M)				
14.1.1.3 Printer	4. The printer must be defaulted to one certified printer and allow the OLU the ability to choose another printer.	(M)				
14.1.1.3 Printer	5. The printer must able to print the biometric consent forms on 8 ½ x 11 or 8 ½ x 14 paper.	(M)				
14.1.1.3 Printer	6. The printer must able to print the fingerprint forms on 8 ½ x 14 paper.	(M)				
14.1.1.3 Printer	7. The printer must able to print the photo on 8 ½ x 11 or 8 ½ x 14 paper.	(M)				
<b>14.1.1.4 Print</b>						
14.1.1.4 Print	1. The Livescan must allow the OLU to print the following by use of a PRINT button. a. Fingerprint Forms b. Biometric Consent Forms	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 14. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c. Photo(s)					
14.1.1.4 Print	2. The OLU must only be presented with the forms that apply based on the TOT they have selected.	(M)				
14.1.1.4 Print	3. The Livescan must have a configurable parameter allowing for the ability to select the forms to be printed by use of a check box or have the forms print automatically with all check boxes showing as being checked.	(M)				
14.1.1.4 Print	4. The Livescan must allow the OLU to clear the checkbox for any of the forms.	(M)				
14.1.1.4 Print	5. The Livescan must have a PRINT button. a. The PRINT button must allow the OLU to print the requested forms.	(M)				
14.1.1.4 Print	6. The demographic and biometric data must be printed on the correct fingerprint form.	(M)				
14.1.1.4 Print	7. The demographic and biometric data must be aligned to the corresponding field boxes on the fingerprint forms.	(M)				
14.1.1.4.1 Fingerprint Form Printing						
14.1.1.4.1 Fingerprint Form Printing	1. The Livescan must have the ability to print the following forms and the fingerprint images must be printed and scaled 1:1 and aligned with the corresponding fingerprint image boxes on the printed form. a. C-216 i. The C-216 is the Criminal Fingerprint Form that is used for the Criminal Charges (CARY),	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 14. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>Deportee (CARY) and Criminal Record Inquiry (CARN) workflow.</p> <p>ii. The C-216 printout must consist of overflow pages to support the additional data that is unable to print on the C-216 form itself.</p> <p>iii. The C-216 printout must include the Palm Prints if they were provided.</p> <p>b. C-216C</p> <p>i. The C-216C is the Civil Fingerprint Form that is used for the Civil Application (MAP) and Civil Vulnerable Sector Application workflow (MAP).</p> <p>ii. The rolled and plain impressions must be printed on the C-216C.</p> <p>iii. The C-216C template must be used for the Elimination Prints workflow.</p> <p>c. C-216C ID Flat Form</p> <p>i. The C-216C ID Flat is the Civil Fingerprint Form that is used for the Civil Application (MAP) and Civil Vulnerable Sector Application (MAP) workflow.</p> <p>ii. The type-14 data must be printed on the C-216C ID Flat Form.</p> <p>d. C-216I</p> <p>i. The C-216I is the Immigration Fingerprint Form that is used for the Immigration (IMM) workflow.</p>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"> <li>ii. The Type-14 Fingerprint data must be segmented and placed in the appropriate rolled boxes and the ID Flat impressions must remain in the plain impression boxes.</li> </ul> <p>e. C-216R</p> <ul style="list-style-type: none"> <li>i. The C-216R is the Refugee Fingerprint Form that is used for the Refugee (REF) workflow.</li> <li>ii. The C-216R must consist of overflow pages to support the additional data that is unable to print on the C-216 form itself.</li> <li>iii. The C-216R printout must include the Palm Print prints if they were provided.</li> </ul>					
14.1.1.4.1 Fingerprint Form Printing	2. The Livescan must be able to print the fingerprint form once the demographic data, fingerprint images, palm images (if supplied), and photo (if supplied) have been captured.	(M)				
<b>14.1.1.4.2 Biometric Consent Forms</b>						
14.1.1.4.2 Biometric Consent Forms	1. The Biometric Consent forms must only be displayed and printed for MAP transactions.	(M)				
14.1.1.4.2 Biometric Consent Forms	2. The Livescan must have capability to print a completed Biometric Consent Form after the transaction has been submitted.	(M)				
14.1.1.4.2 Biometric Consent Forms	3. The demographic and biometric data must be aligned to the corresponding field boxes on the consent forms.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>14.1.1.4.3 Print Photo Only</b>						
14.1.1.4.3 Print Photo Only	1. The Livescan must be able to print the photo(s) using the PRINT button.	(M)				
14.1.1.4.3 Print Photo Only	2. The Livescan must not allow a photo for a MAP transaction to be printed.	(M)				
14.1.1.4.3 Print Photo Only	3. The Livescan must have the ability to allow the OLA to configure the print size to allow for the printing of the image in the following three sizes: a. Passport Size Photo i. Must be 50mmx70mm b. 4 inches x 6 inches c. 5 inches x 7 inches	(M)				
<b>14.1.1.5 Transaction Manager</b>						
14.1.1.5 Transaction Manager	1. The Livescan must only allow the OLU to return to the Transaction Manager by use of a Transaction Manager button when the transaction has been submitted for search.	(M)				
14.1.1.5 Transaction Manager	2. Upon selection of the Transaction Manager button, the OLU is returned to the Transaction Manager.	(M)				
14.1.1.5 Transaction Manager	3. The Transaction Manager button must be greyed out until the transaction has been submitted for search.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
14.1.1.6 Workflow Manager						
14.1.1.6 Workflow Manager	1. The Livescan must only allow the OLU to return to the Workflow Manager by use of a Workflow Manager button when the transaction has been submitted for search.	(M)				
14.1.1.6 Workflow Manager	2. Upon selection of the Workflow Manager button, the OLU is returned to the Workflow Manager.	(M)				
14.1.1.6 Workflow Manager	3. The Workflow Manager button must be greyed out until the transaction has been submitted for search.	(M)				
14.2 Cardscan Submit Screen Appearance and Functionality						
14.2.1 Submit Screen						
14.2.1 Submit Screen	1. Refer to Figure 47 - Cardscan Submit.	(I)				
14.2.1 Submit Screen	2. Other than the printing functionality which is not available on the Cardscan, all requirements are the same as the Livescan.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 15. P						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>15.1 Livescan Screen Appearance and Functionality</b>						
<b>15.1.1 Print</b>						
15.1.1 Print	1. Refer to Figure 50 - Elimination Printing.	(I)				
15.1.1 Print	2. The Livescan must allow the OLU to print the following by use of a PRINT button: a. Fingerprint Form	(M)				
15.1.1 Print	3. Once the NEXT button is clicked or tapped and all of the mandatory requirements with regards to demographic, photo and fingerprint capture have been met the Print screen must be presented to the OLU.	(M)				
15.1.1 Print	4. The Print screen must allow for the following buttons and functionality:	(M)				
15.1.1 Print	a. PRINT					
15.1.1 Print	b. Printer					
<b>15.1.1.1 Print</b>						
15.1.1.1 Print	1. The Livescan must allow the OLU to print the following by use of a PRINT button. a. Fingerprint Form C-216C	(M)				
15.1.1.1 Print	2. The OLU must only be presented with the forms that apply based on the TOT they have selected.	(M)				
15.1.1.1 Print	3. The OLU must have the ability to select the form to be printed by use of a check box.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
15.1.1.1 Print	4. The Livescan must allow the OLU to clear the checkbox for any of the forms.	(M)				
15.1.1.1 Print	5. The Livescan must have a PRINT button. a. The PRINT button must allow the OLU to print the requested form.	(M)				
15.1.1.1 Print	6. The demographic and biometric data must be printed on the correct fingerprint form.	(M)				
15.1.1.1 Print	7. The demographic and biometric data must be aligned to the corresponding field boxes on the fingerprint forms.	(M)				
15.1.1.1 Print	8. Once the PRINT button is clicked or tapped, the C-216C must print.	(M)				
15.1.1.1 Print	9. Once the printing process is complete, the OLU must be returned to the Workflow Manager screen.	(M)				
15.1.1.1.1 C-216C Fingerprint Form						
15.1.1.1.1 C-216C Fingerprint Form	1. The Livescan must be able to print the elimination fingerprint images and demographic data on a C-216C form.	(M)				
15.1.1.1.1 C-216C Fingerprint Form	2. The Elimination fingerprint images must be printed and scaled 1:1 and aligned with the corresponding fingerprint image boxes on the printed C-216C form.	(M)				
15.1.1.1.1 C-216C	3. The date of fingerprint capture must be indicated in the Date Fingerprinted field on the printed C-216C form.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Fingerprint Form						
15.1.1.1.1 C-216C Fingerprint Form	4. Refer to Section 16.4.1 for information on Date Fingerprinted.	(I)				
15.1.1.1.1 C-216C Fingerprint Form	5. The wording ELIMINATION PRINTS in 14pt sans-serif bold text, centred vertically and horizontally within the Bar Code field box must appear on the printed C-216C form.	(M)				
<b>15.1.1.2 Printer</b>						
15.1.1.2 Printer	1. The Livescan must have the ability to print to more than one FBI certified network printer, or to a directly connected FBI certified printer. (M) The Livescan must have the ability to print to more than one FBI certified network printer, or to a directly connected FBI certified printer.	(M)				
15.1.1.2 Printer	2. The Livescan printer must be an FBI certified printer.	(M)				
15.1.1.2 Printer	3. The OLU must have the ability to select the number of copies to print by use of a dropdown list.	(M)				
15.1.1.2 Printer	4. If more than one certified printer is available, the OLU must have the ability to choose another printer.	(M)				
15.1.1.2 Printer	5. The printer must able to print the fingerprint form on 8 ½ inches x 14 inch paper.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16. EFCD Tag Specific Requirements						
16. EFCD Tag Specific Requirements	1. Listed below are tag specific requirements that must be implemented on the EFCD and must be based on the specifications included in the ICD's.	(M)				
16. EFCD Tag Specific Requirements	2. Definitions and business rules for these tags are found in the ICD.	(I)				
16.1 Image Capture Equipment (Tag 2.067 or 2.8067)						
16.1 Image Capture Equipment (Tag 2.067 or 2.8067)	1. The image capture equipment has been incorporated into the ICD 1.7.8. or ICD 2.1.1 to identify the Image Capture Equipment: System Make, System Model and System Serial Number.	(I)				
16.1 Image Capture Equipment (Tag 2.067 or 2.8067)	2. The EFCD must automatically populate the make, model and serial number of the scanner block or flatbed scanner and this information must not be visible to the OLU.	(M)				
16.1 Image Capture Equipment (Tag 2.067 or 2.8067)	3. The OLA must be able to modify this configurable parameter if required, through a simple GUI configuration.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.1 Image Capture Equipment (Tag 2.067 or 2.8067)	4. It is preferred that the Livescan obtains the make, model and serial number directly from the scanner block to ensure the information is correct.	(R)				
<b>16.2 Language Flag (Tag 2.819)</b>						
16.2 Language Flag (Tag 2.819)	1. The language flag is used to capture the language of the transaction.	(I)				
16.2 Language Flag (Tag 2.819)	2. The language flag must be automatically included in the NIST packet based on the OLU's language and not visible to the OLU.	(M)				
<b>16.3 Retention Code (Tag 2.8005)</b>						
16.3 Retention Code (Tag 2.8005)	1. The retention code is used to capture whether the transaction data must be retained by the RTID System.	(I)				
16.3 Retention Code (Tag 2.8005)	2. The retention code must be automatically populated based on the TOT and not visible to the OLU. The automatic action must be based on the rules identified for the TOT in ICD 1.7.8. Rev 1.6 and ICD 2.1.1 Rev 3.0.	(M)				
<b>16.4 Date Fingerprinted (Tag 2.8038)</b>						
<b>16.4.1 Livescan Requirements</b>						
16.4.1 Livescan Requirements	1. The date fingerprinted is used to capture the date that the individual was fingerprinted.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.4.1 Livescan Requirements	2. The date fingerprinted must be not be visible to the OLU.	(M)				
16.4.1 Livescan Requirements	3. The Livescan must auto-populate the date fingerprinted with the date that the individual was fingerprinted.	(M)				
<b>16.4.2 Cardscan Requirements</b>						
16.4.2 Cardscan Requirements	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				
16.4.2 Cardscan Requirements	2. The date fingerprinted as indicated on the hardcopy C-216/ C-216R or C-216C is used to capture the date that the individual was fingerprinted.	(I)				
16.4.2 Cardscan Requirements	3. The date fingerprinted must be visible to the OLU.	(M)				
16.4.2 Cardscan Requirements	4. The date fingerprinted must be a text field.	(M)				
16.4.2 Cardscan Requirements	5. The date fingerprinted must be displayed in the standard date format of CCYY-MM-DD.	(M)				
16.4.2 Cardscan Requirements	6. The Cardscan must allow the OLU to enter the date fingerprinted without the OLU having to enter hyphens or back slashes by auto-advancing the cursor.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.4.2 Cardscan Requirements	7. The date fingerprinted field must default to <blank> and not to the current date.	(M)				
<b>16.5 External ICD Version Number (Tag 2.8910)</b>						
16.5 External ICD Version Number (Tag 2.8910)	1. The EFCD must automatically populate the External ICD Version Number and the information must not be visible to the OLU.	(M)				
<b>16.5.1 ICD 1.7.8 or ICD 2.1.1.</b>						
16.5.1 ICD 1.7.8 or ICD 2.1.1.	1. The External ICD Version Number must be set to 178 for TOT's in ICD 1.7.8 or 211 for ICD 2.1.1. TOT's.	(M)				
<b>16.6 System Table Version Number (Tag 2.8911)</b>						
16.6 System Table Version Number (Tag 2.8911)	1. The System Table Version Number must be set to 001.	(M)				
16.6 System Table Version Number (Tag 2.8911)	2. The System Table Version Number must not be visible to the OLU.	(M)				
16.6 System Table Version Number (Tag 2.8911)	3. The OLA must have the ability to modify this configurable parameter if required' through a simple GUI configuration.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>16.7 Federal Statutes Table Version Number (Tag 2.831)</b>						
16.7 Federal Statutes Table Version Number (Tag 2.831)	1. Refer to Figure 18 - Demographic CARY 2.	(I)				
16.7 Federal Statutes Table Version Number (Tag 2.831)	2. The OLA must be able to update the Federal Statutes Table and the Version Number through a simple GUI configuration.	(M)				
16.7 Federal Statutes Table Version Number (Tag 2.831)	3. The EFCD must populate the Federal Statutes Table Version Number and this version number must be visible on screen to the OLU.	(M)				
16.7 Federal Statutes Table Version Number (Tag 2.831)	4. The OLU must not be able to edit this field on the main GUI screen.	(M)				
<b>16.8 Fingerprint Capture Location (Tag 2.8939)</b>						
<b>16.8.1 EFCD Requirements</b>						
16.8.1 EFCD Requirements	1. The Fingerprint Capture Location is used to define where the Livescan is physically located.	(I)				
16.8.1 EFCD Requirements	2. The Fingerprint Capture Location is used to define where the Cardscan is physically located.	(I)				
16.8.1 EFCD Requirements	3. The EFCD must allow for the fields listed below to be displayed to the OLA in the 200 character narrative box, so that the OLA	(M)				

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	includes all relevant information. There must be a character counter to aid the OLA: a. Address i. Office number or unit ii. Building name iii. Street address iv. Province v. Country					
16.8.1 EFCD Requirements	4. The Fingerprint Capture Location must be a configurable parameter and not visible to the OLU.	(M)				
16.8.1 EFCD Requirements	5. The OLA must be able to modify this configurable parameter if required, through a simple GUI configuration.	(M)				
16.9 GCMS Unique Client Identifier (Tag 2.888)						
16.9 GCMS Unique Client Identifier (Tag 2.888)	1. Refer to Figure 15 - Refugee Demographic Data Capture.	(I)				
16.9 GCMS Unique Client Identifier (Tag 2.888)	2. Refer to Figure 16 - CBSA GCMS Confirmation Pop-Up.	(I)				
16.9 GCMS Unique Client Identifier (Tag 2.888)	3. Refer to Figure 17 - CBSA GCMS Populate Data.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.9 GCMS Unique Client Identifier (Tag 2.888)	4. The GCMS (Global Case Management System) Unique Client Identifier is used to capture the GCMS Unique Client Identifier.	(I)				
16.9 GCMS Unique Client Identifier (Tag 2.888)	5. In ICD 1.7.8. Tag 2.888 (FOSS) is identified as Immigration Client Identifier. This must be displayed in the GUI as “GCMS Unique Client ID” for CARY, CARN, REF and CARY (Deportee).	(M)				
16.9 GCMS Unique Client Identifier (Tag 2.888)	6. Although the requirements in this section are stated for the GCMS data, the EFCD must support an interface to any other RCMP/GC/CPMGs system to retrieve the same data based on the interface specification defined in Annex F.	(M)				
16.9 GCMS Unique Client Identifier (Tag 2.888)	7. This field must be a single text entry field for non-CBSA agencies.	(M)				
16.9.1 CBSA Requirements						
16.9.1 CBSA Requirements	1. The GCMS Unique Client ID (Tag 2.888) must be a mandatory field for all CBSA Agencies for the following TOTs (i.e., CARY, CARN, REF and CARY (Deportee)).	(M)				
16.9.1 CBSA Requirements	2. The EFCD must allow for double entry of the GCMS Unique Client ID to confirm that input in both fields is identical.	(M)				
16.9.1 CBSA Requirements	3. The EFCD must have the following fields displayed and when information is entered, the EFCD must validate that the client ID's are identical:	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.9.1 CBSA Requirements	a. GCMS Unique Client ID					
16.9.1 CBSA Requirements	b. Confirm CCMS Unique Client ID					
16.9.1 CBSA Requirements	4. The EFCD must display the character input as the information is being typed in the field.	(M)				
16.9.1 CBSA Requirements	5. If the information in both fields is not identical, the EFCD must identify to the OLU that the entries are not identical and allow the OLU to correct the issues.	(M)				
16.9.1 CBSA Requirements	6. The EFCD must display the helpful tip in Table 3 for the GCMS Unique ID for CBSA agencies.	(M)				
16.9.1 CBSA Requirements	7. Once the GCMS Unique Client ID is entered on the EFCD, the EFCD must retrieve the demographic data associated with the Client ID from GCMS using the interface specification defined in Annex F.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements						
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	1. After successful double entry of the GCMS Unique Client ID, the EFCD must allow the OLU to search GCMS by use of the following button: a. SEARCH GCMS					
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	2. After the search is initiated, the Livescan must display the following message, "Search in progress. Please wait." and once the information is retrieved, the message must disappear.					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	3. Once the search is complete, the EFCD must prompt the OLU with the message “Would you like to populate the data into the record?” and allow the OLU to choose from the following buttons: a. POPULATE DATA b. NO c. SEARCH ANOTHER CLIENT ID	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	4. If POPULATE DATA is selected, the transfer of information from the GCMS must commence.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	5. If NO is selected, the information must not be retrieved and the OLU must be returned to the Demographic Data Capture Screen.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	6. If SEARCH ANOTHER CLIENT ID is selected, the OLU must be presented with the GCMS Unique Client ID popup window.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	7. The data that can be auto-populated from the GCMS for a CARY, CARN, CARY (Deportee) and REF are: a. Name b. Alias c. Sex	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	d. Date of Birth e. Height f. Weight g. Eye Colour And additionally for CARY, CARY (Deportee) and REF are h. Country of Birth					
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	8. If one or more of the above data fields are not populated in the data retrieved from GCMS, the fields in the Data Capture screen must not be populated.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	9. Once the search is complete and the information is ready to be populated into the Demographic Data Capture Screen, the EFCD must display to the OLU the message: "Please confirm you would like to populate the following data into the record"; a. GCMS Unique Client ID: GCMS number entered b. Name: Surname, Given Name 1 c. Alias: Surname, Given Name 1 d. Sex: sex e. Date of Birth: CCYY-MM-DD f. Height: height in centimeters g. Weight: weight in kilograms h. Eye Colour: eye colour using the description as outlined in the ICD i. Country of Birth: country of birth using the description as outlined in the ICD	(M)				

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16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	10. The OLU must be able to confirm the auto-populate or decline the auto-populate. a. Yes b. No	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	11. If Yes is selected, the information must be auto-populated. The search status field must display a message to the OLU of, "Search Complete."	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	12. If No is selected, the information must not be populated and the OLU must be returned to the Demographic Data Capture Screen.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	13. Once the information has been auto-populated, the message must disappear.	(M)				
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	14. The OLU must be returned to the Demographic Data Capture Screen to allow for the completion of data entry.	(M)				
16.9.1.1 CBSA CARY, CARN,	15. The OLU must be able to edit the auto-populated data fields.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
REF, DEPORTEE Requirements						
16.9.1.1 CBSA CARY, CARN, REF, DEPORTEE Requirements	16. The OLU must be able to select the NEXT button and move to the next stage of the process and the EFCD must ensure that all mandatory requirements have been met.	(M)				
16.9.2 Non-CBSA Agency Requirements						
16.9.2 Non-CBSA Agency Requirements	1. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.9.2 Non-CBSA Agency Requirements	2. Non-CBSA agencies refer to Police and RCMP Agencies.	(I)				
16.9.2 Non-CBSA Agency Requirements	3. Police and RCMP Agency requirements must only allow a single entry of the GCMS Unique Client ID.	(M)				
16.9.2 Non-CBSA Agency Requirements	4. The Police and RCMP Agency GUI must display the helpful tip in Table 4.	(M)				
16.9.2 Non-CBSA Agency Requirements	5. The GCMS Unique Client ID (Tag 2.888) must be a mandatory field for the REF TOT.	(M)				

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16.9.2 Non-CBSA Agency Requirements	6. The GCMS Unique Client ID (Tag 2.888) must be an optional field for the CARY and CARN TOT.	(M)				
<b>16.10 Contributor Case/File Number (Tag 2.8908)</b>						
16.10 Contributor Case/File Number (Tag 2.8908)	1. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.10 Contributor Case/File Number (Tag 2.8908)	2. The Contributor Case/File Number is used to capture the file number assigned by an agency.	(M)				
16.10 Contributor Case/File Number (Tag 2.8908)	3. If this tag is included in an incoming transaction, the SRE response returned to the agency will contain the number in the sub-tag Contributor Supplied Reference Information (Tag 2.8952).	(I)				
<b>16.10.1 CARY, CARN Requirements</b>						
16.10.1 CARY, CARN Requirements	1. The Contributor Case/File Number must be a free-text entry field.	(M)				
16.10.1 CARY, CARN Requirements	2. The EFCD must display the Contributor Case/File Number field in the following workflows: a. Criminal Charges (CARY)	(M)				

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	b. Deportee (CARY) c. Criminal Record Inquiry (CARN)					
<b>16.10.2 Elimination Prints</b>						
16.10.2 Elimination Prints	1. The Contributor Case/File Number must be a free-text entry field.	(M)				
16.10.2 Elimination Prints	2. The Livescan must display the Contributor Case/File Number as: a. Reference Number	(M)				
<b>16.10.3 MAP / REF Requirements</b>						
16.10.3 MAP / REF Requirements	1. The EFCD must not display the Contributor Case/File Number field in the MAP (Civil Application and Civil Vulnerable Sector Application) or REF (Refugee) workflow.	(M)				
<b>16.10.4 IMM Requirements</b>						
16.10.4 IMM Requirements	1. The CNON (Tag 2.8908) field must be displayed as GCMS Unique Client ID for the IMM TOT, and the logical record values for Tag 2.8908 must be as per the ICD requirements.	(M)				
16.10.4 IMM Requirements	2. The Livescan must allow for double entry of the GCMS Unique Client ID to confirm that input in both fields are identical.	(M)				
16.10.4 IMM Requirements	3. Refer to Section 16.9.1.1 for information on requirements and UI display and messaging.	(M)				
16.10.4 IMM Requirements	4. The Livescan must display the following fields and when information is entered, the Livescan must validate that the client ID's are identical:	(M)				

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16.10.4 IMM Requirements	a. GCMS Unique Client ID					
16.10.4 IMM Requirements	b. Confirm GCMS Unique Client ID					
16.10.4 IMM Requirements	5. The Livescan must display the character input as the information is being typed in the field.	(M)				
16.10.4 IMM Requirements	6. If the information in both fields is not identical, the Livescan must identify to the OLU that the entries are not identical and allow the OLU to correct the issues.	(M)				
16.10.4 IMM Requirements	7. The Livescan must display the helpful tip in Table 5 for the GCMS Unique ID for the IMM transaction.	(M)				
16.10.4 IMM Requirements	8. Once the GCMS Unique Client ID is entered on the Livescan and confirmed to be identical, the Livescan must retrieve the demographic data associated with the Client ID from GCMS using the interface specification defined in Annex F.	(M)				
16.10.4 IMM Requirements	9. The data that can be auto-populated from GCMS for IMM is: a. Name b. Sex c. Date of Birth	(I)				
16.10.4 IMM Requirements	10. If one or more of the above data fields are not populated in GCMS, the fields will not be populated in the Demographic Data Capture Screen.	(I)				
16.10.4 IMM Requirements	11. All fields being populated must be displayed to the OLU along with the message in Section 16.9.1.1, in the following format. a. GCMS Unique Client ID: GCMS number entered	(M)				

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	b. Name: Surname, Given Name 1 c. Sex: Sex d. Date of Birth: CCYY-MM-DD					
16.10.4 IMM Requirements	12. The OLU must be able to edit the auto-populated data fields.	(M)				
<b>16.11 Name of Person Responsible For Transaction (Tag 2.8931)</b>						
<b>16.11.1 EFCD Requirement</b>						
16.11.1 EFCD Requirement	1. Refer to Figure 14 - Civil VS Demographic Data Capture.	(I)				
16.11.1 EFCD Requirement	2. The name of the person responsible for transaction has been incorporated into the ICD 1.7.8. and 2.1.1 to capture the name or identifier of the person who submits the transaction to the RTID System from the Livescan.	(I)				
16.11.1 EFCD Requirement	3. The EFCD must support the following three options and must be configurable to use one of these options based on Agency preference.	(M)				
<b>16.11.1.1 Option 1</b>						
16.11.1.1 Option 1	1. The EFCD must allow the population of the Name of Personal Responsible for Transaction as a free text field.	(M)				
<b>16.11.1.2 Option 2</b>						
16.11.1.2 Option 2	1. The EFCD must allow population of the Name of the Person Responsible for Transaction as a free text field and through the use of a pre-populated dropdown list of authorized users	(M)				

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16.11.1.2 Option 2	2. Once the Name of the Person Responsible for Transaction has been entered either by free text or by use of the dropdown list, the name of the person responsible for the transaction must be visible to the OLU and must be editable.	(M)				
16.11.1.2 Option 2	3. The OLA must be able to add, modify or delete names from the dropdown list through a simple GUI configuration.	(M)				
16.11.1.2 Option 2	4. The dropdown list associated with the name of the person responsible for transaction (Tag 2.8931) must have a filter control.	(M)				
<b>16.11.1.3 Option 3</b>						
16.11.1.3 Option 3	1. The EFCD must allow auto-population of the Name of the Person Responsible for Transaction based on the OLU login credentials.	(M)				
16.11.1.3 Option 3	2. The auto-population of the Name of The Person Responsible for Transaction, must be directly correlated to the OLU that is logged onto the Livescan application.	(M)				
16.11.1.3 Option 3	3. The value for Name of the Person Responsible must be displayed in a non-editable text field.	(M)				
16.11.1.3 Option 3	4. The OLA must be able to add, modify or delete names from the list of authorized users through a simple GUI configuration.	(M)				
<b>16.12 Name of Official Taking Fingerprints (Tag 2.8938)</b>						
<b>16.12.1 EFCD Requirement</b>						
16.12.1 EFCD Requirement	1. Refer to Figure 14 - Civil VS Demographic Data Capture.	(I)				
16.12.1 EFCD Requirement	2. The name of the official taking fingerprints has been incorporated into the ICD 1.7.8. and 2.1.1 to capture the name or identifier of	(I)				

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	the person who took the fingerprint impressions electronically at a Livescan.					
16.12.1 EFCD Requirement	3. The Livescan must support all three options identified below.	(M)				
16.12.1 EFCD Requirement	4. The Cardscan must support the first two options identified below.	(M)				
<b>16.12.1.1 Option 1</b>						
16.12.1.1 Option 1	1. The EFCD must allow population of the Name of Official Taking Fingerprints as a free text field.	(M)				
<b>16.12.1.2 Option 2</b>						
16.12.1.2 Option 2	1. The EFCD must allow population of the Name of Official Taking Fingerprints as a free text field and through the use of a pre-populated dropdown list of authorized users.	(M)				
16.12.1.2 Option 2	2. Once the Name of Official Taking Fingerprints has been entered either by free text or by use of the dropdown list, the name of the official taking the fingerprints must be visible to the OLU and must be editable.	(M)				
16.12.1.2 Option 2	3. The OLA must be able to add, modify or delete names from the dropdown list through a simple GUI configuration.	(M)				
16.12.1.2 Option 2	4. The dropdown list associated with the name of the official taking the fingerprints (Tag 2.8938) must have a filter control.	(M)				
<b>16.12.1.3 Option 3</b>						
16.12.1.3 Option 3	1. The Livescan must allow auto-population of the Name of Official Taking Fingerprints based on the OLU login credentials.	(M)				

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16.12.1.3 Option 3	2. The auto-population of the Name of Official Taking Fingerprints, must be directly correlated to the OLU that is logged onto the Livescan application.	(M)				
16.12.1.3 Option 3	3. The value for the Name of the Person Responsible must be displayed in a non-editable test field.	(M)				
<b>16.13 Primary Name (Tag 2.806)</b>						
16.13 Primary Name (Tag 2.806)	1. Refer to Figure 10 - Demographic Data Capture.	(I)				
16.13 Primary Name (Tag 2.806)	2. The EFCD must allow the OLU to enter a surname and given names on the Demographic Data Capture Screen and this information must be visible to the OLU. a. This tag is identified in the ICD as Primary Name but must be displayed to the OLU as Name. (M)	(M)				
16.13 Primary Name (Tag 2.806)	3. The sub-fields must be displayed in a group box labelled "Name".	(M)				
16.13 Primary Name (Tag 2.806)	4. The following sub-fields must be displayed for the Name tag in the following order: a. Name i. Surname ii. Given Name 1 iii. Given Name 2 iv. Given Name 3 v. Given Name 4	(M)				

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16.13 Primary Name (Tag 2.806)	<p>5. The EFCD must implement the conditional mandatory requirements that apply as follows;</p> <p>a. Surname</p> <p>i. Surname will be mandatory</p> <p>ii. Given Name 1, Given Name 2, Given Name 3 and Given Name 4 must be greyed out until the Surname has been entered.</p> <p>b. Given Name 1</p> <p>i. Given Name 1 will be made available for input once Surname has been entered.</p> <p>ii. Given Name 2, Given Name 3 and Given Name 4 must be greyed out until Given Name 1 has been entered.</p> <p>c. Given Name 2</p> <p>i. Given Name 2 will be made available for input once Given Name 1 has been entered.</p> <p>ii. Given Name 3 and Given Name 4 must be greyed out until Given Name 2 has been entered.</p> <p>d. Given Name 3</p> <p>i. Given Name 3 will be made available for input once Given Name 2 has been entered.</p> <p>ii. Given Name 4 must be greyed out until Given Name 3 has been entered.</p> <p>e. Given Name 4</p>	(M)				

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	i. Given Name 4 will be made available for input once Given Name 3 has been entered.					
16.14 Other Names/Alias (Tag 2.824)						
16.14 Other Names/Alias (Tag 2.824)	1. Refer to Figure 10 - Demographic Data Capture.	(I)				
16.14 Other Names/Alias (Tag 2.824)	2. Refer to Figure 19 - Other Names and Aliases Pop-up.	(I)				
16.14 Other Names/Alias (Tag 2.824)	3. The EFCD must allow the OLU to enter other names and aliases from the demographic data capture screen by use of a button labelled OTHER NAMES/ALIASES.	(M)				
16.14 Other Names/Alias (Tag 2.824)	4. If the Other Name/Aliases button is clicked or tapped, the EFCD must open a separate window that is overlaid on the demographic data capture screen titled Other Names/Aliases and this header must be centred on the Other Names/Aliases window.	(M)				
16.14 Other Names/Alias (Tag 2.824)	5. The EFCD must display the following fields to allow for the manual entry by the OLU and must implement the conditional mandatory requirements. a. Surname b. Given Name 1 c. Given Name 2 d. Given Name 3 e. Given Name 4	(M)				

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16.14 Other Names/Alias (Tag 2.824)	6. The EFCD must allow the OLU to enter up to 40 Other Names/Aliases.	(M)				
16.14 Other Names/Alias (Tag 2.824)	7. The EFCD must display in table format all names that have been entered.	(M)				
16.14 Other Names/Alias (Tag 2.824)	8. The table must be titled Other Names/Aliases.	(M)				
16.14 Other Names/Alias (Tag 2.824)	9. The table must contain columns must contain the following columns as subheaders under the Other Names and Aliases header. a. Surname b. G 1 c. G 2 d. G 3 e. G 4	(M)				
16.14 Other Names/Alias (Tag 2.824)	10. The EFCD must display each additional entry added to the table in the appropriate column.	(M)				
16.14 Other Names/Alias (Tag 2.824)	11. The EFCD must allow the OLU to scroll through the list of names in the table and the headers must remain static.	(M)				
16.14 Other Names/Alias (Tag 2.824)	12. The EFCD must display the following buttons: a. ADD NAME	(M)				

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	b. DONE c. DELETE NAME					
16.14 Other Names/Alias (Tag 2.824)	13. If multiple name entries are required, the EFCD must allow the OLU to enter each new name by use of the ADD NAME button. a. ADD NAME i. Upon selection of the Add Name button, the EFCD must insert the current name in the table and clear all entry fields to allow the OLU to enter an additional name. ii. The cursor focus must return to the Surname field. iii. The EFCD must not allow the OLU to enter an additional name if all mandatory requirements have not been met for the current name entered. iv. The EFCD must ensure that all mandatory requirements for Other Names/ Aliases have been met upon selection of the ADD NAME button. b. Helpful Tip to be displayed – Select Add Name to add another name or alias the table.	(M)				
16.14 Other Names/Alias (Tag 2.824)	14. The EFCD must allow the OLU to complete the entry(ies) and return to the Demographic Data Capture Screen by use of the DONE button. a. DONE	(M)				

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	<ul style="list-style-type: none"><li>i. The EFCD must allow the OLU to select the DONE button if they determine that no entries are required in this field.</li><li>b. Select DONE to return to the Demographic Data Capture screen.</li></ul>					
16.14 Other Names/Alias (Tag 2.824)	<p>15. The EFCD must allow the OLU to delete a name and alias entry in the Other Names/ Aliases table by use of the DELETE NAME button.</p> <ul style="list-style-type: none"><li>a. DELETE NAME<ul style="list-style-type: none"><li>i. The EFCD must allow the OLU to highlight a name and alias entry in the Other Name/Aliases table by a single mouse click and/or single tap on the touchscreen and once selected, the DELETE NAME button must become active and allow the OLU to delete the other name and alias and the associated information from the list.</li><li>ii. The following message must be displayed, “Do you want to delete this other name and alias?” with the options of Yes and No</li><li>iii. If Yes is selected, the other name and alias entry must be deleted from the list.</li><li>iv. If No is selected, the OLU must be returned to the Other Names/Aliases Screen.</li></ul></li><li>b. Helpful Tip to be displayed – Highlight the row to be deleted in the Other Name/Aliases table.</li></ul>	(M)				

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16.14 Other Names/Alias (Tag 2.824)	16. The EFCD must allow the OLU to edit a name and alias entry from the Other Names/Aliases table.	(M)				
16.14 Other Names/Alias (Tag 2.824)	17. The EFCD must allow the OLU by use of a double mouse click and/or double tap on the touchscreen to select an entry to edit. a. The OLU must be allowed to modify the information and select the ADD NAME button once the edit is complete. b. The OLU must be allowed to view the information and if it is determined that no changes are required, the OLU must be allowed to select the DONE button.	(M)				
16.14 Other Names/Alias (Tag 2.824)	18. Upon completion of the entry in the Other Names/Aliases field, a black checkmark completion indicator must be displayed on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the Other Names/Aliases field and the black checkmark must appear next to the Other Names/Aliases button.	(M)				
16.14 Other Names/Alias (Tag 2.824)	19. If there is no entry in the Other Names/Alias field, a black x completion indicator must be displayed on Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Other Names/Aliases field and the black x must appear next to the Other Names/Aliases button.	(M)				
16.14 Other Names/Alias (Tag 2.824)	20. If there is no entry in the Other Names/Alias field and the Other Names/Alias is a mandatory requirement, a red x must be displayed on the Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Other Names/Aliases field and the red x must appear next to the Other Names/Aliases button.	(M)				

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16.15 Home Address (Tag 2.802)						
16.15 Home Address (Tag 2.802)	1. Refer to Figure 13 - Civil Demographic Data Capture.	(I)				
16.15 Home Address (Tag 2.802)	2. The EFCD must allow the OLU to enter information required for the Home Address on the Demographic Data Capture Screen and this information must be visible to the OLU.	(M)				
16.15 Home Address (Tag 2.802)	3. The sub-fields must be displayed in a group box labelled "Home Address".	(M)				
16.15 Home Address (Tag 2.802)	4. The following sub-fields must be displayed for the Home Address tag in the following order: a. Home Address i. Apt./Unit # - Street #/ Name ii. City iii. Province/ State iv. Postal Code/ ZIP Code v. Country	(M)				
16.15 Home Address (Tag 2.802)	5. The EFCD must implement the conditional mandatory requirements that apply as follows: a. Apt./Unit # - Street #/ Name i. The OLU must be allowed to enter a street name in the text field. b. City	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div><div>i. The OLU must be allowed to enter a city in the text field.</div></div><div><div>c. Province/State</div><div><div>i. The OLU must be allowed to select the province or state where the individual resides by use of a dropdown list with a filter control.</div><div>ii. The dropdown list should display the Canadian provinces in alphabetical order, followed by the US states in alphabetical order.</div><div>iii. If the OLU selects Canada in the Country field before the Province/State field, the EFCD should only display provinces for selection.</div><div>iv. If the OLU selects United States of America in the Country field before the Province/State field, the EFCD should only display states for selection.</div><div>v. If the OLU selects a Canadian province, the EFCD should auto-populate the country code of Canada and display Canada as the country.</div><div>vi. If the OLU selects a US state, the EFCD should auto-populate the country code of United States of America and display USA as the country.</div></div><div><div>d. Postal Code/ ZIP Code</div><div><div>i. If the OLU previously selected Canada, the EFCD must allow the OLU to enter the postal code without the use of a space.</div></div></div></div></div>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div><div>e. Country</div><div><div>ii. The EFCD must automatically format the postal code field as per the ICD logical record requirements.</div><div>i. The OLU must be allowed to select the Country for where the individual resides by use of a dropdown list with a filter control.</div><div>ii. The dropdown list must display Canada as the first selection, followed by USA and then list the remaining countries in alphabetical order.</div><div>iii. If the OLU selects Other (code 998), the EFCD must allow the OLU to manually enter a country.</div><div>iv. The manual entry of a country must only be allowed when the Country is equal to Other (code 998).</div></div></div>					
16.16 Sex (Tag 2.807)						
16.16 Sex (Tag 2.807)	1. Refer to Figure 10 - Demographic Data Capture.	(I)				
16.16 Sex (Tag 2.807)	2. The EFCD must display the Sex field in radio button format and the choices must be listed in the following order: <div><div>a. Male</div><div>b. Female</div><div>c. Unknown</div></div>	(M)				
16.16 Sex (Tag 2.807)	3. The sex value radio buttons must be displayed in a group box labelled Sex.	(M)				

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16.16 Sex (Tag 2.807)	4. The EFCD must allow the OLU to select one radio button.	(M)				
16.17 Date of Birth (Tag 2.8022)						
16.17 Date of Birth (Tag 2.8022)	1. Refer to Figure 10 - Demographic Data Capture.	(I)				
16.17 Date of Birth (Tag 2.8022)	2. The Date of Birth must be displayed in the standard date format CCYY-MM-DD.	(M)				
16.17 Date of Birth (Tag 2.8022)	3. The date of birth must be a valid date field.	(M)				
16.17 Date of Birth (Tag 2.8022)	4. The date must be valid for the calendar year entered by the OLU.	(M)				
16.17 Date of Birth (Tag 2.8022)	5. The EFCD must allow the OLU to enter the date of birth by auto-advancing the cursor without the OLU having to enter hyphens.	(M)				
16.17 Date of Birth (Tag 2.8022)	6. The EFCD must calculate and display the age of the subject, in a field labelled Age, based on data entered for Date of Birth (Tag 2.8022) and the current system date for all TOT's.	(M)				
16.17 Date of Birth (Tag 2.8022)	7. The age field must be auto-populated after the user has entered the Date of Birth and moved past the age field (e.g. pressed the Enter key, Tab key or used the mouse to move to another field.	(M)				

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16.17 Date of Birth (Tag 2.8022)	8. The age field must immediately follow the onscreen entry of the Date of Birth field (Tag 2.8022).	(M)				
16.17 Date of Birth (Tag 2.8022)	9. The age field must not be editable.	(M)				
16.17 Date of Birth (Tag 2.8022)	10. The age field must be updated each time the Date of Birth is entered or modified.	(M)				
16.18 Place of Birth (Tag 2.815)						
16.18 Place of Birth (Tag 2.815)	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				
16.18 Place of Birth (Tag 2.815)	2. The EFCD must allow the OLU to select a place of birth, by use of a dropdown list with a filter using the descriptions as outlined in the ICD, with the Canadian provinces listed alphabetically, followed by Europe, United Kingdom, USA, Other and Unknown.	(M)				
16.19 Country of Birth (Tag 2.8935)						
16.19 Country of Birth (Tag 2.8935)	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				
16.19 Country of Birth (Tag 2.8935)	2. The EFCD must allow the OLU to select the Country of Birth by use of a dropdown list with a filter	(M)				

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16.19 Country of Birth (Tag 2.8935)	3. The countries must be listed in alphabetical order using the description value as defined in the ICD.	(M)				
16.19 Country of Birth (Tag 2.8935)	4. If the OLU selects Other (code 998), the EFCD must allow the OLU to manually enter a country.	(M)				
16.19 Country of Birth (Tag 2.8935)	5. The manual entry of a country must only be allowed when the Country is equal to Other (Code 998).	(M)				
16.20 Date of Entry (Tag 2.885)						
16.20 Date of Entry (Tag 2.885)	1. The EFCD must allow the OLU to enter the date the individual entered Canada by use of a date field.	(M)				
16.20 Date of Entry (Tag 2.885)	2. The date of entry must be displayed in the standard date format of CCYY-MM-DD.	(M)				
16.20 Date of Entry (Tag 2.885)	3. The date of entry field must be a valid date field.	(M)				
16.20 Date of Entry (Tag 2.885)	4. The EFCD must allow the OLU to enter the date of entry by auto-advancing the cursor without the OLU having to enter hyphens.	(M)				
16.21 Height (Tag 2.810)						
16.21 Height (Tag 2.810)	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				

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16.21 Height (Tag 2.810)	2. The EFCD must display the Height field and allow the OLU to enter the individual's height in metric or imperial.	(M)				
16.21 Height (Tag 2.810)	3. The EFCD must have a check box labelled unknown.	(M)				
16.21 Height (Tag 2.810)	4. If Unknown is checked, the EFCD must auto-populate the metric field with 0.	(M)				
16.21 Height (Tag 2.810)	5. The three fields must be displayed in a group box labelled Height. a. Height i. Metric nnn cm. ii. Imperial n feet nn inches iii. Unknown	(M)				
16.21 Height (Tag 2.810)	6. The OLU must be allowed to enter the height in metric (centimetres).	(M)				
16.21 Height (Tag 2.810)	7. The OLU must be allowed to enter the height in feet and inches.	(M)				
16.21 Height (Tag 2.810)	8. If the height is entered in metric, the EFCD must also display the height in imperial and vice versa.	(M)				
16.21 Height (Tag 2.810)	9. The EFCD must ensure the imperial height measurements are compliant with the minimum and maximum metric height measurements in the ICD and convert the measurement to metric upon submission of the transaction.	(M)				
<b>16.22 Weight (Tag 2.811)</b>						
16.22 Weight (Tag 2.811)	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				

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16.22 Weight (Tag 2.811)	2. The EFCD must display the Weight field and allow the OLU to enter the individual's height in metric or imperial.	(M)				
16.22 Weight (Tag 2.811)	3. The EFCD must also have a check box labelled unknown.	(M)				
16.22 Weight (Tag 2.811)	4. If Unknown is checked, the EFCD must auto-populate the metric field with 0.	(M)				
16.22 Weight (Tag 2.811)	5. The three fields must be displayed in a group box labelled Weight. a. Weight i. Metric nnn kilograms ii. Imperial nnn pounds iii. Unknown	(M)				
16.22 Weight (Tag 2.811)	6. The OLU must be allowed to enter the weight in metric (kilograms).	(M)				
16.22 Weight (Tag 2.811)	7. The OLU must be allowed to enter the weight in pounds.	(M)				
16.22 Weight (Tag 2.811)	8. If the weight is entered in metric, the EFCD must also display the weight in imperial and vice versa.	(M)				
16.22 Weight (Tag 2.811)	9. The EFCD must ensure the imperial weight measurements are compliant with the minimum and maximum metric weight measurement in the ICD and convert the measurement to metric upon submission of the transaction.	(M)				

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16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)						
16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	1. Refer to Figure 12 - Demographic Data Capture Cardscan.	(I)				
16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	2. The EFCD must display Race Descent (Tag 2.814) for the following TOTs: a. Criminal Charges (CARY) b. Deportee (CARY) c. Criminal Record Inquiry (CARN) d. Refugee (REF)	(M)				
16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	3. The EFCD must allow for radio buttons that displays the Race Descent (Tag 2.814) options as outlined in the ICD.	(M)				
16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	4. The following three options must be made available to the OLU on the EFCD. a. White b. Other i. The Non-White option must be displayed as Other. c. Unknown	(M)				

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16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	5. If Other is selected, the OLU must be allowed to manually enter a Race Description (Tag 2.8936).	(M)				
16.23 Race Descent (Tag 2.814) and Race Description (Tag 2.8936)	6. If White or Unknown is selected, the Race Description field must be greyed out and not allow for manual entry.	(M)				
<b>16.24 FPS (Tag 2.801)</b>						
16.24 FPS (Tag 2.801)	1. The EFCD must display the Fingerprint Section Number field labelled as FPS.	(M)				
16.24 FPS (Tag 2.801)	2. The EFCD must display the FPS as a 1-to-6 digit numeric or a 1-to-6 digit numeric followed by a letter. a. 1-to-6 digit numeric (e.g. 123456) i. A one digit value of zero (0) is not a valid entry. ii. Maximum of six numeric digits is allowed. b. 1-to-6 digit numeric followed by a letter (e.g. 654321A) i. A maximum of 6 numeric digits followed by 1 alpha character is allowed.	(M)				
16.24 FPS (Tag 2.801)	3. The OLU must be allowed to enter between one and five digits and the EFCD must pad the value entered with leading zero(s) to a maximum of 6 digits.:	(M)				

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	<ul style="list-style-type: none"><li>a. 1-to-6 digit numeric (e.g. 123)<ul style="list-style-type: none"><li>i. The OLU will enter 123.</li><li>ii. When the Enter key or Tab key is pressed, the EFCD must display and populate 000123.</li></ul></li><li>b. 1-to-6 digit numeric followed by a letter (e.g. 654A)<ul style="list-style-type: none"><li>i. The OLU will enter 654A.</li><li>ii. When the Enter key or Tab key is pressed, the EFCD must display and populate 000654A.</li></ul></li></ul>					
16.25 FBI Search Request (Tag 2.874)						
16.25 FBI Search Request (Tag 2.874)	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.25 FBI Search Request (Tag 2.874)	2. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.25 FBI Search Request (Tag 2.874)	3. The EFCD must allow the OLU to choose to perform an FBI search.	(M)				
16.25 FBI Search Request (Tag 2.874)	4. The EFCD must allow the OLU to select an FBI Search Request by use of a check box.	(M)				
16.25 FBI Search Request (Tag 2.874)	5. The EFCD must allow the OLU to clear the checkbox for the FBI search request.	(M)				

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16.25 FBI Search Request (Tag 2.874)	6. If the FBI Search Request has been requested, the EFCD must allow the OLU to enter an FBI File Number. The OLU must not be allowed to enter an FBI File Number for a MAP transaction.	(M)				
16.25 FBI Search Request (Tag 2.874)	7. The EFCD must allow the OLU to request an FBI search for any individual 12 years of age or over.	(M)				
<b>16.26 US State Search Request (Tag 2.876)</b>						
16.26 US State Search Request (Tag 2.876)	1. Refer to Figure 20 - U.S. State to Search Pop-up.	(I)				
16.26 US State Search Request (Tag 2.876)	2. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.26 US State Search Request (Tag 2.876)	3. An FBI search must be requested in order to allow for a U.S. State Search Request.	(M)				
16.26 US State Search Request (Tag 2.876)	4. The EFCD must allow the OLU to request a U.S. State Search for any individual 12 years of age or over.	(M)				
16.26 US State Search Request (Tag 2.876)	5. The U.S. State Search Request and the U.S. States to Search button must be greyed out until the FBI Search Request is selected.	(M)				
16.26 US State Search Request (Tag 2.876)	6. If the U.S. State Search Request is checked, the U.S. State to Search becomes conditionally mandatory and the U.S. States to Search button must be highlighted.	(M)				

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16.26 US State Search Request (Tag 2.876)	7. If the U.S. State to Search button is clicked or tapped, the EFCD must open a separate window that is overlaid on the Demographic Data Capture screen titled U.S. States to Search and this header must be centred on the U.S. States to Search window.	(M)				
16.26 US State Search Request (Tag 2.876)	8. The EFCD must display the following fields: a. U.S. State i. The EFCD must allow the OLU to select states for search using a dropdown list. The states must be listed in alphabetical order. ii. Once a US State has been selected for search, the EFCD must grey out the state and not allow the OLU to select it again from the dropdown list. iii. The U.S. states available for search are listed in the ICD. b. State File Number i. The EFCD must allow the OLU to enter a state file number for each state selected for search	(M)				
16.26 US State Search Request (Tag 2.876)	9. The EFCD must allow the OLU to select up to 52 US States to search.	(M)				
16.26 US State Search Request (Tag 2.876)	10. The EFCD must display in table format at the bottom of the US States to Search window, all U.S. States that have been selected for search.	(M)				

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16.26 US State Search Request (Tag 2.876)	11. This table must be titled U.S. States.	(M)				
16.26 US State Search Request (Tag 2.876)	12. The table must have the following columns: a. U.S. State b. File Number					
16.26 US State Search Request (Tag 2.876)	13. In the table, the U.S. State and File Number must be listed in alphabetical order.	(M)				
16.26 US State Search Request (Tag 2.876)	14. The EFCD must allow the OLU to scroll through the list of U.S. States and the headers must remain static.	(M)				
16.26 US State Search Request (Tag 2.876)	15. The EFCD must display the following buttons: a. ADD STATE b. DONE c. DELETE STATE	(M)				
16.26 US State Search Request (Tag 2.876)	16. If multiple states are required for search, the EFCD must allow the OLU to enter each separate US State to search by use of the ADD STATE button.	(M)				
16.26 US State Search Request (Tag 2.876)	17. The EFCD must allow the OLU to enter an additional U.S state for search by use of an ADD STATE button. a. Upon selection of the ADD STATE button, the EFCD must allow the OLU to enter another state for search. b. The cursor focus must return to the U.S. State field.	(M)				

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	c. Helpful Tip to be displayed – Select Add State to enter another state for search.					
16.26 US State Search Request (Tag 2.876)	18. The EFCD must allow the OLU to return to the Demographic Data Capture screen by use of a DONE button, if no further entries are required.	(M)				
16.26 US State Search Request (Tag 2.876)	19. The EFCD must allow the OLU to delete a U.S. State from the U.S. State table by use of the DELETE STATE button. a. DELETE STATE i. The EFCD must allow the OLU to highlight a U.S. State entry in the U.S. State Table, by a single mouse click and/or single tap on the touchscreen and once selected, the DELETE STATE button must become active. ii. The following message must be displayed “Do you want to delete this U.S. State?” with the options of Yes and No. iii. If Yes is selected, the U.S. State entry must be deleted from the list. iv. If No is selected, the OLU must be returned to the U.S. States to Search Screen. b. Helpful Tip to be displayed – Highlight the row to be deleted in the U.S. State table.	(M)				
16.26 US State Search Request (Tag 2.876)	20. When an entry is deleted from the list, the EFCD must ensure that the U.S. States to search remain in alphabetical order.					

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16.26 US State Search Request (Tag 2.876)	21. The EFCD must allow the OLU to edit a U.S. State selected for search from the U.S. States table.	(M)				
16.26 US State Search Request (Tag 2.876)	22. The EFCD must allow the OLU by use of a double mouse click and/or double tap on the touchscreen to select an entry to edit. a. The OLU must be allowed to modify the information and select the DONE button once the edit is complete. b. The OLU must be allowed to view the information and if it is determined that no changes are required, the OLU must be allowed to select the DONE button.	(M)				
16.26 US State Search Request (Tag 2.876)	23. The EFCD must allow the OLU to edit a US State selected for search from the US States to search table.	(M)				
16.26 US State Search Request (Tag 2.876)	24. The EFCD must allow the OLU by use of a double mouse click and/or double tap on the touchscreen to select an entry to edit. a. The OLU must be allowed to modify the information and select the DONE button once the edit is complete. b. The OLU must be allowed to view the information and if it is determined that no changes are required, the OLU must be allowed to select the DONE button.	(M)				
16.26 US State Search Request (Tag 2.876)	25. Upon completion of the entry in the U.S. States to Search, a black checkmark must be displayed next to the U.S. States to Search button on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the U.S. States to Search field.	(M)				

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16.26 US State Search Request (Tag 2.876)	26. If the U.S. State Search Request checkbox is cleared after the entry of U.S. States, the EFCD must prompt the OLU to confirm that the U.S. States to search will be deleted using a Yes/No selection. a. If Yes is selected the U.S. States to Search button must be greyed out and the states to search data must be discarded; or b. If No is selected, the U.S. State Search Request must revert back to checked and the states to search data must be retained.	(M)				
16.26 US State Search Request (Tag 2.876)	27. If there is no entry in the U.S. States to Search, and the U.S. State search request has been selected, a red x must be displayed next to the U.S. States to Search button on Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the U.S. States to Search field.	(M)				
<b>16.27 International Search Request (Tag 2.891)</b>						
16.27 International Search Request (Tag 2.891)	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.27 International Search Request (Tag 2.891)	2. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.27 International	3. The EFCD must allow the OLU to select an International Country Search Request by use of a check box located on the main demographic data capture screen.	(M)				

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Search Request (Tag 2.891)						
16.27 International Search Request (Tag 2.891)	4. The EFCD must allow the OLU to clear the checkbox for the International Country Search request.	(M)				
16.27 International Search Request (Tag 2.891)	5. Upon selection of the International Search Request the International Countries to Search becomes conditionally mandatory and the International Countries to Search button must be highlighted.	(M)				
16.27 International Search Request (Tag 2.891)	6. The OLA must be able to configure the EFCD to display or not display the International Search Request for MAP transactions only.	(M)				
16.27 International Search Request (Tag 2.891)	7. The EFCD must allow the OLU to request an International Search for any individual 12 years of age or over.	(M)				
<b>16.28 International Countries to Search (Tag 2.892)</b>						
16.28 International Countries to Search (Tag 2.892)	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.28 International	2. Refer to Figure 11 - Demographic Data Capture 2.	(I)				

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Countries to Search (Tag 2.892)						
16.28 International Countries to Search (Tag 2.892)	3. If the International Country Search Request is checked, the OLU must be allowed to select the International Countries to Search button.	(M)				
16.28 International Countries to Search (Tag 2.892)	4. If the International Search Request is not checked, the International Countries to Search button must be greyed out.	(M)				
16.28 International Countries to Search (Tag 2.892)	5. If the OLU clicks or taps the International Countries to Search button, the EFCD must open a separate window that is overlaid on the Demographic Data Capture screen titled International Countries to Search.	(M)				
16.28 International Countries to Search (Tag 2.892)	6. The EFCD must display the following fields: a. International Country i. The EFCD must allow the OLU to select countries for search using a dropdown list. The countries must be listed in alphabetical order. ii. Once a Country has been selected for search, the EFCD must grey out the country and not allow the OLU to select it again from the dropdown list.					

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	<ul style="list-style-type: none"><li>iii. The dropdown list must have a filter control.</li><li>iv. The countries available for search are listed in the ICD.</li><li>v. If the OLU selects Other, the EFCD must allow the OLU to manually enter a country name.</li><li>vi. The manual entry of a country must only be allowed if the Other is selected.</li><li>vii. Canada must not be included in the International Countries available for search.</li></ul> <p>b. Country File Number</p> <ul style="list-style-type: none"><li>i. The EFCD must allow the OLU to enter a country file number for each country selected for search</li></ul>					
16.28 International Countries to Search (Tag 2.892)	7. The EFCD must allow the OLU to select up to 5 countries to search for applicable MAP application types.	(M)				
16.28 International Countries to Search (Tag 2.892)	8. The EFCD must allow the OLU to select up to 30 countries to search for CARY, CARN and REF TOTs. (M)The EFCD must display in table format all countries that have been selected for search.	(M)				
16.28 International Countries to	9. The table must be titled International Countries.	(M)				

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Search (Tag 2.892)						
16.28 International Countries to Search (Tag 2.892)	10. The table must have the following columns: a. Country b. File Number					
16.28 International Countries to Search (Tag 2.892)	11. In the table, the countries to search and the file number must be listed in alphabetical order.	(M)				
16.28 International Countries to Search (Tag 2.892)	12. The EFCD must allow the OLU to scroll through the list of countries to search and the headers must remain static.	(M)				
16.28 International Countries to Search (Tag 2.892)	13. The EFCD must display the following buttons: a. ADD COUNTRY b. DONE c. DELETE COUNTRY	(M)				
16.28 International Countries to Search (Tag 2.892)	14. If multiple countries are required for search, the EFCD must allow the OLU to enter each separate International Country to Search by use of the ADDITIONAL COUNTRY button.	(M)				

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16.28 International Countries to Search (Tag 2.892)	<p>15. The ADD COUNTRY button must allow the OLU to select another International Country for Search.</p> <p>a. ADD COUNTRY</p> <p>i. Upon selection of the ADD COUNTRY button, the OLU must be allowed to select another country for search.</p> <p>ii. The EFCD must not allow the OLU to select another International Country for search if all mandatory requirements have not been met for the current International Country selected for search.</p> <p>b. Helpful Tip to be displayed – Select Add Country to select another country for search.</p>	(M)				
16.28 International Countries to Search (Tag 2.892)	<p>16. The EFCD must allow the OLU to return to the Demographic Data Capture screen by use of a DONE button, if no further entries are required.</p>	(M)				
16.28 International Countries to Search (Tag 2.892)	<p>17. The EFCD must allow the OLU to delete an International Country from the International Countries to Search table by use of the DELETE COUNTRY button.</p> <p>a. DELETE COUNTRY</p> <p>i. The EFCD must allow the OLU to highlight an International Country entry in the International Countries to Search table, by a single mouse click and/or single tap on the touchscreen, and once selected, the DELETE COUNTRY button must become active and allow the OLU to</p>	(M)				

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	<p>delete the International Country and the associated information from the list.</p> <p>ii. The following message must be displayed, “Do you want to delete this International Country?” with the options of Yes and No.</p> <p>iii. If Yes is selected, the International Country entry must be deleted from the list.</p> <p>iv. If No is selected, the OLU must be returned to the International Countries to Search Screen.</p> <p>v. When an entry is deleted from the list, the EFCD must ensure that the International Countries to search remain in alphabetical order.</p> <p>b. Helpful Tip to be displayed – Highlight the row to be deleted in the International Countries to Search table.</p>					
16.28 International Countries to Search (Tag 2.892)	18. The EFCD must allow the OLU to edit an International Country selected for search from the International Countries to search table.	(M)				
16.28 International Countries to Search (Tag 2.892)	<p>19. The EFCD must allow the OLU by use of a double mouse click and/or double tap on the touchscreen to select an entry to edit.</p> <p>a. The OLU must be allowed to modify the information and select the DONE button once the edit is complete.</p> <p>b. The OLU must be allowed to view the information and if it is determined that no changes are required, the OLU must be allowed to select the DONE button.</p>	(M)				

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16.28 International Countries to Search (Tag 2.892)	20. Upon completion of the entry in the International Countries to Search, a black checkmark must be displayed next to the International Countries to Search button on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the International Countries to Search field.	(M)				
16.28 International Countries to Search (Tag 2.892)	21. If there is no entry in the International Countries to Search field and the International Country Request has been selected, a red x must be displayed next to the International Countries to Search button on the Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the International Countries to Search field.	(M)				
<b>16.29 Foreign Search Reason (Tag 2.894)</b>						
16.29 Foreign Search Reason (Tag 2.894)	1. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.29 Foreign Search Reason (Tag 2.894)	2. Foreign Search Reason must always be a conditional mandatory field and must allow for OLU input when an International, State, or FBI search is requested.	(M)				
16.29 Foreign Search Reason (Tag 2.894)	3. The field must be greyed out if the conditions have not been met.	(M)				
16.29 Foreign Search Reason (Tag 2.894)	4. The EFCD must only display the Foreign Search Reason field when a FBI, US State Search or International Search Request has been selected.	(M)				

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16.29 Foreign Search Reason (Tag 2.894)	5. The EFCD must display the Foreign Search Reason as an editable field.	(M)				
16.29 Foreign Search Reason (Tag 2.894)	6. The field must support word wrap.	(M)				
16.29 Foreign Search Reason (Tag 2.894)	7. The Foreign Search Reason field must have a scroll bar if required to allow the OLU to view all of the text in the Foreign Search Reason field.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)						
16.30 Investigator Contact Information (Tag 2.8106)	1. Refer to Figure 11 - Demographic Data Capture 2.	(I)				
16.30 Investigator Contact Information (Tag 2.8106)	2. Refer to Figure 21 - Investigator Contact Information.	(I)				
16.30 Investigator Contact Information (Tag 2.8106)	3. Investigator Contact Information must always be a conditional mandatory field and allow for OLU input when an International or U.S. State Search has been requested.	(M)				

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16.30 Investigator Contact Information (Tag 2.8106)	4. The EFCD must display the INVESTIGATOR CONTACT INFORMATION button when U.S. State Search Request or International Search Request are selected.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	5. The investigator contact information button must be greyed out when only an FBI search is requested.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	6. The EFCD must allow the OLU to enter the Investigator Contact Information by use of a button labelled INVESTIGATOR CONTACT INFORMATION.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	7. If the Investigator Contact Information button has been clicked or tapped, the EFCD must open a separate window that is overlaid on the demographic data capture screen titled Investigator Contact Information and this header must be centred on the Investigator Contact Information window. The fields required for this window are listed below.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	8. The Investigator Contact Information screen must display the following fields. a. Investigator's Name i. The EFCD must display this field as a free text field and allow the OLU to enter the name of the investigating officer b. Investigating Agency Name	(M)				

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	<ul style="list-style-type: none"><li>i. The EFCD must display this field as a free text field and allow the OLU to enter the name of the investigating agency</li><li>c. Investigating Section Name</li><li>i. The EFCD must display this field as a free text field and allow the OLU to enter the investigating agency section name</li><li>d. Investigator's Telephone Number</li><li>i. The EFCD must display this field as a free text field and allow the OLU to enter a telephone number</li><li>ii. The telephone number must be displayed in the standard phone number format:</li></ul>					
16.30 Investigator Contact Information (Tag 2.8106)	1) nnn-xxx-xxxx					
16.30 Investigator Contact Information (Tag 2.8106)	2) The EFCD must display the hyphens automatically by auto-advancing the cursor, while allowing the OLU to enter the phone number					
16.30 Investigator Contact Information (Tag 2.8106)	<ul style="list-style-type: none"><li>3) The hyphens must be in the packet submitted to the RTID system</li><li>e. Investigator's Fax Number</li><li>i. The EFCD must display this field as a free text field and allow the OLU to enter the investigators fax number</li><li>ii. The fax number must be displayed in the standard phone number format:</li></ul>					

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	<div>1) nnn-<del>nnn</del>-nnnn</div> <div>2) The EFCD must display the hyphens automatically by auto-advancing the cursor, while allowing the OLU to enter the fax number</div> <div>3) The hyphens must not be in the packet submitted to the RTID system</div> <div>f. Investigator's Email Address</div> <div>i. The EFCD must allow the OLU to enter an email address</div> <div>g. Investigator's Mailing Address</div> <div>i. The EFCD must display this field as a free text field and allow the OLU to enter the investigator's mailing address. The fields must be displayed as shown below:</div> <div>1) Unit # - Street #/ Name</div> <div>    a) The OLU must be allowed to enter a street address</div> <div>2) City</div> <div>    a) The OLU must be allowed to enter a city</div> <div>3) Province</div> <div>    a) The OLU must be allowed to enter a province</div> <div>    b) This must be a free text field</div> <div>4) Postal Code</div> <div>    a) The EFCD must allow the OLU to enter the postal code without the use of a space</div> <div>    b) The EFCD must automatically format the postal code field as per the ICD logical record requirements</div> <div>5) Country</div>					

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	<ul style="list-style-type: none"> <li>a) The EFCD must allow the OLU to enter a country</li> <li>b) This must be a free text field</li> <li>ii. The EFCD must format the information added by the OLU to be ICD compliant</li> </ul>					
16.30 Investigator Contact Information (Tag 2.8106)	9. The EFCD must display the following button: <ul style="list-style-type: none"> <li>a. DONE</li> </ul>	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	10. The OLU must be allowed to select the DONE button if no further information is required.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	11. The EFCD must ensure that all mandatory requirements for the Investigator Contact Information have been met upon selection of the DONE button.	(M)				
16.30 Investigator Contact Information (Tag 2.8106)	12. The DONE button must allow the OLU to return to the Demographic Data Capture Screen.	(M)				
16.30 Investigator Contact	13. Upon completion of the entry in the Investigator Contact Information field, a black checkmark must be displayed next to the Investigator Contact Information button on the Demographic	(M)				

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Information (Tag 2.8106)	Data Capture Screen to indicate to the OLU that there is an entry in the Investigator Contact Information field.					
16.30 Investigator Contact Information (Tag 2.8106)	14. If there is no entry in the Investigator Contact Information field and the Investigator Contact Information is a mandatory requirement, a red x must be displayed next to the Investigator Contact Information button on the Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Investigator Contact Information field.	(M)				
<b>16.31 Marks, Scars and Tattoos (Tag 2.823)</b>						
16.31 Marks, Scars and Tattoos (Tag 2.823)	1. Refer to Figure 28 - Scars, Marks and Tattoos.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	2. Refer to Figure 29 - Scars, Marks and Tattoos Head.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	3. Refer to Figure 61 - Scars Marks and Tattoos 200 ARM RIGHT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	4. Refer to Figure 62 – Scars Marks and Tattoos 200 HAND RIGHT.	(I)				

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16.31 Marks, Scars and Tattoos (Tag 2.823)	5. Refer to Figure 63 – Scars Marks and Tattoos 300 ARM LEFT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	6. Refer to Figure 64 – Scars Marks and Tattoos 300 HAND LEFT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	7. Refer to Figure 65 – Scars Marks and Tattoos 400 TORSO FRONT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	8. Refer to Figure 66 – Scars Marks and Tattoos 500 LEG LEFT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	9. Refer to Figure 67 – Scars Marks and Tattoos 600 LEG RIGHT.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	10. Refer to Figure 68 – Scars Marks and Tattoos 500-600 FEET LEFT RIGHT.	(I)				
16.31 Marks, Scars and	11. Refer to Figure 69 – Scars Marks and Tattoos 700 TORSO BACK.	(I)				

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Tattoos (Tag 2.823)						
16.31 Marks, Scars and Tattoos (Tag 2.823)	12. Refer to Figure 18 - Demographic CARY 2.	(I)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	13. The EFCD must allow the OLU to enter Scars, Marks and Tattoos from the demographic data capture screen by use of a button labelled Scars, Marks and Tattoos.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	14. If the Scars, Marks, and Tattoos button is clicked or tapped, the EFCD must open a separate window that is overlaid on the demographic data capture screen titled Scars, Marks, and Tattoos and this header must be centred on the Scars, Marks, and Tattoos window.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	15. If the Scars, Marks, and Tattoos button has been clicked or tapped, the EFCD must display two diagrams of the human body, one of the front of the body and one of the back of the body. a. The EFCD must have a zoom function for the following body parts: i. Head ii. Right Arm iii. Right Hand iv. Front Torso v. Right Leg vi. Feet	(M)				

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	<ul style="list-style-type: none"> <li>vii. Left Arm</li> <li>viii. Left Hand</li> <li>ix. Left Leg</li> </ul> <p>b. The EFCD must have a zoom function for the following body part:</p> <ul style="list-style-type: none"> <li>i. Back</li> </ul>					
16.31 Marks, Scars and Tattoos (Tag 2.823)	16. The OLU must be able to click on the image or choose from a dropdown list, a location to reference the attribute.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	17. The descriptions as outlined in the ICD must be used in the dropdown list and not the codes.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	<p>18. The EFCD must display on the screen the following message to aid the OLU.</p> <ul style="list-style-type: none"> <li>a. Select a body location from the dropdown list below or from the diagram on the left. A detailed diagram will appear to provide options for annotation. (M)</li> </ul>	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	19. The EFCD must allow the OLU to enter up to 50 scars, marks and tattoos.	(M)				
16.31 Marks, Scars and	20. The EFCD must display in table format all scars, marks and tattoos that have been entered.	(M)				

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Tattoos (Tag 2.823)						
16.31 Marks, Scars and Tattoos (Tag 2.823)	21. The table must contain the following columns: <ul style="list-style-type: none"> <li>a. Body Location               <ul style="list-style-type: none"> <li>i. Display the body location related to the attribute as outlined in the ICD.</li> </ul> </li> <li>b. Attribute               <ul style="list-style-type: none"> <li>i. Display the attribute selected.</li> </ul> </li> <li>c. Description               <ul style="list-style-type: none"> <li>i. Display the description related to the attribute.</li> </ul> </li> </ul>	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	22. The EFCD must display the attributes in the order they were entered.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	23. The EFCD must allow the OLU to sort the entries in the table alphabetically using the body location column or alphabetically using the Attribute column.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	24. The EFCD must display the following buttons: <ul style="list-style-type: none"> <li>a. EDIT SELECTED LOCATION               <ul style="list-style-type: none"> <li>i. The EFCD must allow the OLU to select a row in the table by a single click of the mouse or tap on the touchscreen.</li> <li>ii. The EFCD must highlight the row.</li> <li>iii. The EFCD must allow the OLU to edit the entry.</li> </ul> </li> </ul>	(M)				

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	<p>b. REMOVE SMT</p> <ul style="list-style-type: none"><li>i. The EFCD must allow the OLU to select a row in the table by a single click of the mouse or tap on the touchscreen.</li><li>ii. The EFCD must highlight the row.</li><li>iii. The EFCD must delete the entry from the table.</li></ul> <p>c. DONE</p> <ul style="list-style-type: none"><li>i. The EFCD must allow the OLU to click or tap the DONE button and be returned to the Demographic Data Entry screen.</li><li>ii. The EFCD must ensure that all mandatory requirements for Scars, Marks and Tattoos have been met upon selection of the DONE button.</li></ul>					
16.31 Marks, Scars and Tattoos (Tag 2.823)	25. The EFCD must display at the bottom of the screen, “helpful tips” that assist the OLU with the scar, mark and tattoo capture process. These tips must be based on the vendor’s best practices for the capture of scars, marks and tattoos.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	26. Upon selection of a body location on either the diagram or from the dropdown list, the EFCD must open a diagram of that part of the body. <ul style="list-style-type: none"><li>a. The EFCD must display the zoomed in area that was selected on the left and the location in the top right hand corner.<ul style="list-style-type: none"><li>i. The OLU must be able to click or tap on the specific body location or use the dropdown list.</li><li>ii. The click or tap of the body location must update the list box item and vice versa.</li></ul></li></ul>	(M)				

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	<ul style="list-style-type: none"> <li>iii. The dropdown list must only contain the body locations that are displayed on the screen.</li> <li>b. The body location selected must be highlighted. (M)</li> </ul>					
16.31 Marks, Scars and Tattoos (Tag 2.823)	27. The EFCD must display the attributes available in alphabetical order and in radio button format: <ul style="list-style-type: none"> <li>a. AMPUTATED</li> <li>b. BREAK</li> <li>c. DEFORMITY</li> <li>d. FOREIGN SUBSTANCE</li> <li>e. MARK</li> <li>f. PECULIARITY</li> <li>g. SCAR</li> <li>h. TATTOO</li> </ul>	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	28. The OLU must be allowed to select the attribute that is associated to the body location. <ul style="list-style-type: none"> <li>a. The OLU must be allowed to select another radio button if an attribute was selected in error.</li> </ul>	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	29. The EFCD must display the description field below the attributes. <ul style="list-style-type: none"> <li>a. The OLU must be allowed to enter a description for the attribute.</li> </ul>	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	30. The EFCD must display a REMOVE ANNOTATION radio button. <ul style="list-style-type: none"> <li>a. The OLU must be able to click or tap on the REMOVE ANNOTATION radio button and the EFCD must remove the attribute and description.</li> </ul>	(M)				

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16.31 Marks, Scars and Tattoos (Tag 2.823)	31. The EFCD must display a button labelled ADDITIONAL SMT FOR THIS LOCATION. a. The OLU must be able to click or tap on the ADDITIONAL SMT FOR THIS LOCATION button and the previously captured information must be retained but allow the OLU to enter an additional attribute for this body location area.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	32. The EFCD must display a button labelled DONE. a. The OLU must be able to click or tap on the DONE button and the EFCD must return the OLU to the main Scars, Marks, and Tattoos screen. b. The EFCD must ensure all mandatory requirements for the attribute, location and description have been met upon selection of the DONE button.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	33. Upon completion of the entry in Scars, Marks and Tattoos, a black checkmark must be displayed next to the Scars, Marks and Tattoos button on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the Scars, Marks and Tattoos field.	(M)				
16.31 Marks, Scars and Tattoos (Tag 2.823)	34. If there is no entry in the Scars, Marks and Tattoos field, a black x must be displayed next to the Scars, Marks and Tattoos button on Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Scars, Marks and Tattoos field.	(M)				
<b>16.32 Young Person Flag (Tag 2.818)</b>						
16.32 Young Person Flag (Tag 2.818)	1. The young person flag is only used for CARY transactions.	(I)				

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16.32 Young Person Flag (Tag 2.818)	2. The young person flag must not be displayed to the OLU. It should be automatically populated based on the age of the individual being charged at time of offence. Refer to the ICD for details to determine age.	(M)				
16.33 Charge Information (Tag 2.829)						
16.33.1 EFCD Charge Information						
16.33.1 EFCD Charge Information	1. Refer to Figure 22 - Charge Information Pop-Up 1.	(I)				
16.33.1 EFCD Charge Information	2. Refer to Figure 23 - Charge Information Pop-Up 2.	(I)				
16.33.1 EFCD Charge Information	3. Refer to Figure 24 - Charge Information Pop-Up 3.	(I)				
16.33.1 EFCD Charge Information	4. Refer to Figure 25 - Charge Information Pop-Up 4.	(I)				
16.33.1 EFCD Charge Information	5. Refer to Figure 26 - Charge Information Pop-Up 5.	(I)				
16.33.1 EFCD Charge Information	6. Refer to Figure 18 - Demographic CARY 2.	(I)				

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16.33.1 EFCD Charge Information	7. The EFCD must allow the OLU to enter Charge Information from the demographic data capture screen by use of a button labelled CHARGES.	(M)				
16.33.1 EFCD Charge Information	8. If the Charges button is clicked or tapped, the EFCD must open a separate window that is overlaid on the demographic data capture screen titled Charge Information and this header must be centred on the Charge information window.	(M)				
16.33.1 EFCD Charge Information	9. The EFCD must allow the OLU to enter up to 200 charges.	(M)				
16.33.1 EFCD Charge Information	10. The EFCD must display all charges that have been entered in table format and the table must be titled Criminal Charges.	(M)				
16.33.1 EFCD Charge Information	11. The table must include the following columns and they must be displayed in the order outlined: The description as outlined in the ICD must be used for code values. a. Charge # i. Charge Number is based on the order in which the criminal charges are entered on the EFCD. b. Occurrence # i. The occurrence number related to the charge. c. Federal Statute i. Federal Statute must be displayed using the full Federal Statute name and acronym if available. (e.g. Criminal Code (CC)). d. Section # of Charge	(M)				

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	i. Section number of the charge.					
16.33.1 EFCD Charge Information	12. The EFCD must allow the OLU to scroll through the list of charges and the headers must remain static.	(M)				
16.33.1 EFCD Charge Information	13. The EFCD must display the following buttons: a. ADD CHARGE b. DONE c. DELETE CHARGE	(M)				
16.33.1 EFCD Charge Information	14. If multiple charge entries are required, the EFCD must allow the OLU to enter each charge by use of an ADD CHARGE button.	(M)				
16.33.1 EFCD Charge Information	15. The EFCD must allow the OLU to enter in an additional criminal charge by use of the Add Charge button. a. ADD CHARGE i. Upon selection of the ADD CHARGE button, the EFCD must insert the current charge in the table and clear all entry fields to allow the OLU to enter an additional charge. ii. The cursor focus must return to the Date of Offence field. iii. The EFCD must not allow the OLU to enter an additional criminal charge if all mandatory requirements have not been met with for the current criminal information entered.	(M)				

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	<ul style="list-style-type: none"> <li>iv. The EFCD must ensure that all mandatory requirements for Criminal Charges have been met upon selection of the ADD CHARGE button.</li> <li>b. Helpful Tip to be displayed – Select Add Charge to add a charge to the table.</li> </ul>					
16.33.1 EFCD Charge Information	<p>16. The EFCD must allow the OLU to complete the entry(ies) and return to the Demographic Data Capture Screen by use of the DONE button.</p> <ul style="list-style-type: none"> <li>a. DONE <ul style="list-style-type: none"> <li>i. The EFCD must allow the OLU to select the DONE button if no other entries are required.</li> </ul> </li> <li>b. Select Done to return to the Demographic Data Capture screen.</li> </ul>	(M)				
16.33.1 EFCD Charge Information	<p>17. The EFCD must allow the OLU to delete a charge from the Criminal Charges table by use of the DELETE CHARGE button.</p> <ul style="list-style-type: none"> <li>a. DELETE CHARGE <ul style="list-style-type: none"> <li>i. The EFCD must allow the OLU to highlight a charge in the Criminal Charges table by a single mouse click and/or single tap on the touchscreen, and once selected, the DELETE CHARGE button must become active and allow the OLU to delete the charge and the associated charge information from the list.</li> <li>ii. The following message must be displayed, “Do you want to delete this criminal charge?” with the options of Yes and No</li> </ul> </li> </ul>	(M)				

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	<ul style="list-style-type: none"><li>iii. If Yes is selected, the charge information entry must be deleted from the list.</li><li>iv. Upon deletion of a criminal charge in the list, the EFCD must renumber the charge number if necessary. (e.g. Charge 001 deleted, Charge 002 re-numbered to 001.)</li><li>v. If No is selected, the OLU must be returned to the Charge Information Screen.</li></ul> <p>b. Helpful Tip to be displayed – Highlight the row to be deleted in the Criminal Charges table.</p>					
16.33.1 EFCD Charge Information	18. The EFCD must allow the OLU to edit a charge entry from the Criminal Charges table.	(M)				
16.33.1 EFCD Charge Information	19. The EFCD must allow the OLU by use of a double mouse click and/or double tap on the touchscreen to select a charge entry to edit. <ul style="list-style-type: none"><li>a. The OLU must be allowed to modify the information and select the ADD CHARGE button once the edit is complete.</li><li>b. The EFCD must update the criminal charges with the modified information.</li><li>c. The OLU must be allowed to view the information and if it is determined that no changes are required, the OLU must be allowed to select the DONE button.</li><li>d. The EFCD must ensure all mandatory requirements have been met upon selection of the DONE button.</li></ul>	(M)				

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16.33.1 EFCD Charge Information	20. Upon completion of the entry in the Charges field, a black checkmark must be displayed next to the Charges button, on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the Charges field.	(M)				
16.33.1 EFCD Charge Information	21. If there is no entry in the Charges field, a red x must be displayed next to the Charges button, on the Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Charges field.	(M)				
<b>16.33.1.1 Charge Information</b>						
16.33.1.1 Charge Information	1. The EFCD must display the Charge Information sub-fields in the following order:	(M)				
<b>16.33.1.1.1 Charge Number</b>						
16.33.1.1.1 Charge Number	1. The Charge Number field must be auto-populated and must not be editable by the OLU.	(M)				
16.33.1.1.1 Charge Number	2. The Charge Number must be displayed as a three digit number starting at a default value of 001.	(M)				
16.33.1.1.1 Charge Number	3. The charge number must increment by one for each additional charge added.	(M)				
16.33.1.1.1 Charge Number	4. The EFCD must display the number of entries in the following format: a. 001 of 002 (001 being the first charge and 002 being the total number of charges entered)	(M)				

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<b>16.33.1.1.2 Young Person Flag</b>						
16.33.1.1.2 Young Person Flag	1. The EFCD must indicate that the individual has been identified as a Young Person by auto populating the Young Person Flag field with a value of YES.	(M)				
16.33.1.1.2 Young Person Flag	2. The Young Person Flag must not be an editable field.	(M)				
16.33.1.1.2 Young Person Flag	3. If it is determined that the file is not a Young Person file, it must be auto-populated with a value of NO					
<b>16.33.1.1.3 Investigating Agency</b>						
16.33.1.1.3 Investigating Agency	1. The Investigating Agency field must be auto-populated with the EFCD ORI, which is the ORI identified in Tag 1.008.	(M)				
16.33.1.1.3 Investigating Agency	2. The Investigating Agency field must be editable and the OLU must be able to remove the information and add another Investigating Agency.	(M)				
16.33.1.1.3 Investigating Agency	3. The OLU must be allowed to edit the Investigating Agency field, the ORI identified in Tag 1.008 must remain the same.	(M)				
16.33.1.1.3 Investigating Agency	4. The EFCD must populate the CARY transaction investigating agency sub-tag with the Investigating Agency Name.	(M)				

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16.33.1.1.3 Investigating Agency	5. Refer to Section 4.9 for ORI and Agency Name dropdown list configuration.	(I)				
<b>16.33.1.1.4 Date of Offence</b>						
16.33.1.1.4 Date of Offence	1. The Date of Offence must be an editable date field and the OLU must be able to add, delete and modify the Date of Offence.	(M)				
16.33.1.1.4 Date of Offence	2. The date of offence must be displayed in the standard date format of CCYY-MM-DD.	(M)				
16.33.1.1.4 Date of Offence	3. The EFCD must display the hyphens automatically by auto-advancing the cursor, while allowing the OLU to enter the date of offence.	(M)				
<b>16.33.1.1.5 Occurrence Number</b>						
16.33.1.1.5 Occurrence Number	1. The Occurrence Number must be an editable free text field and the OLU must be able to add, delete and modify the Occurrence Number.	(M)				
<b>16.33.1.1.6 Federal Statute</b>						
16.33.1.1.6 Federal Statute	1. The EFCD must allow the OLU to select the Federal Statute using a dropdown list.	(M)				
16.33.1.1.6 Federal Statute	2. The Federal Statutes in the dropdown list must be displayed in the following order using the description as outlined in the ICD.	(M)				
16.33.1.1.6 Federal Statute	a. Criminal Code (CC)					
16.33.1.1.6 Federal Statute	b. Controlled Drugs and Substance Act (CDS Act) (CDSA)					

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16.33.1.1.6 Federal Statute	c. Immigration and Refugee Protection Act (IRPA)					
16.33.1.1.6 Federal Statute	d. Other Federal Statute					
16.33.1.1.6 Federal Statute	e. Aeronautics Act					
16.33.1.1.6 Federal Statute	f. Bankruptcy And Insolvency Act					
16.33.1.1.6 Federal Statute	g. Excise Act					
16.33.1.1.6 Federal Statute	h. Food and Drugs Act (FDA)					
16.33.1.1.6 Federal Statute	i. Canada Elections Act					
16.33.1.1.6 Federal Statute	j. Cannabis Act					
16.33.1.1.6 Federal Statute	k. Immigration Act					
16.33.1.1.6 Federal Statute	l. Youth Criminal Justice Act (YCJA)					
16.33.1.1.6 Federal Statute	m. Corrections and Conditional Release Act					
16.33.1.1.6 Federal Statute	n. Income Tax Act					

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16.33.1.1.6 Federal Statute	o. Narcotic Control Act (NCA)					
16.33.1.1.6 Federal Statute	p. Copyright Act					
16.33.1.1.6 Federal Statute	q. Citizenship Act					
16.33.1.1.6 Federal Statute	r. Railway Safety Act					
16.33.1.1.6 Federal Statute	s. Excise Tax Act					
16.33.1.1.6 Federal Statute	t. Proceeds of Crime (Money Laundering) and Terrorist Financing Act					
16.33.1.1.6 Federal Statute	u. Custom Act					
16.33.1.1.6 Federal Statute	v. Excise Act 2001					
16.33.1.1.6 Federal Statute	w. Young Offenders Act (YOA)					
16.33.1.1.6 Federal Statute	3. The EFCD must only display the Federal Statutes that are relevant based on the date of offence.	(M)				
16.33.1.1.6 Federal Statute	4. The EFCD must allow the OLU to unselect a Federal Statute and choose another Federal Statute.	(M)				

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16.33.1.1.6 Federal Statute	5. The EFCD must allow the OLA to configure and change the order of the Federal Statutes to be displayed in the dropdown list through a simple GUI configuration.	(M)				
<b>16.33.1.1.7 Search for A Charge</b>						
16.33.1.1.7 Search for A Charge	1. The EFCD must allow the OLU to search for the Section Number of the Charge for the Federal Statute chosen by use of a SEARCH button. a. Search by Section Number of the Charge i. The OLU must be able to search by entering the section number of the charge. b. Search by Wording of the Charge i. The OLU must be able to search by entering a word related to the charge.	(M)				
16.33.1.1.7 Search for A Charge	2. The OLU must be allowed to select the SEARCH button.	(M)				
<b>16.33.1.1.8 Section Number of Charge and Charge Description</b>						
16.33.1.1.8 Section Number of Charge and Charge Description	1. The EFCD must filter and only display the list of charges and the charge description that apply to the section number or wording searched.	(M)				
16.33.1.1.8 Section Number of Charge and	2. The EFCD must only display the Section Number and wording that applies to the Federal Statute chosen and Date of Offence.	(M)				

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Charge Description						
16.33.1.1.8 Section Number of Charge and Charge Description	3. The OLU must be able to select the charge number and charge description from the dropdown list and populate the Section Number of Charge field.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	4. Once the OLU selects the Section Number, the Charge Description must auto-populate in the Charge Description sub-tags 1-20.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	5. The wording of the charge displayed in the Charge Description sub-tags, must always be displayed using the description as outlined in the Federal Statutes Table and not by use of the numeric wording number.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	6. The Charge Description sub-tags must be identified as Charge Description.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	7. This sub-tag must auto-populate with the full wording and section number of the charge selected.	(M)				

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16.33.1.1.8 Section Number of Charge and Charge Description	8. The EFCD must display the wording and section number in paragraph format and not display the information separately in a line by line format.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	9. Once the Charge Description has been populated, there must not be any visible white space in the field after the display of the charge description.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	10. The Charge Description must be in a structured and readable format.	(M)				
16.33.1.1.8 Section Number of Charge and Charge Description	11. If the Charge Description is auto-populated, the information must not be editable by the OLU.	(M)				
<b>16.33.1.1.9 Free Form Charge Entry</b>						
16.33.1.1.9 Free Form Charge Entry	1. If the OLU is unable to select from the charges displayed, an appropriate section number or charge description, the dropdown list must have the option of Free Form Charge Entry.	(M)				
16.33.1.1.9 Free Form Charge Entry	2. The Free Form Charge Entry option must appear as the last entry below the displayed charges.	(M)				

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16.33.1.1.9 Free Form Charge Entry	3. The OLU must be able to select Free Form Charge Entry.	(M)				
16.33.1.1.9 Free Form Charge Entry	4. The EFCD must auto-populate the Section Number of Charge field with Free Form Charge Entry when the OLU selects Free Form Charge Entry from the dropdown list. This is strictly for the viewing purposes of the OLU. The NIST packet must be compliant with ICD 1.7.8.	(M)				
16.33.1.1.9 Free Form Charge Entry	5. If the OLU selects Free Form Charge Entry, the Free Form Section # field must allow for manual input.	(M)				
16.33.1.1.9 Free Form Charge Entry	6. The EFCD must validate that the Free Form Section # entered is not available for the Federal Statute chosen.	(M)				
16.33.1.1.9 Free Form Charge Entry	7. If the OLU chooses Free Form Charge Entry and the Section Number is found in the federal statute searched, the EFCD must identify to the OLU, the section number and allow the OLU to choose the section number and auto-populate the charge description fields.	(M)				
16.33.1.1.9 Free Form Charge Entry	8. If the Section Number and Statute Name displayed is not the relevant charge, the EFCD must allow the OLU to continue with the free form entry and must drop the cursor in the Charge Description field and allow the OLU to enter the charge description information.	(M)				
16.33.1.1.9 Free Form Charge Entry	9. Once entered, the EFCD must display the free text charge wording in paragraph format and not separately line by line and must word wrap after 26 characters.	(M)				

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16.33.1.1.9 Free Form Charge Entry	10. Upon selection of the ADD CHARGE button, the EFCD must format the charge description as follows to be submitted to the RTID System: a. Free form charge description wording b. Free form section # with the prefix SEC c. Federal statute selected	(M)				
16.33.1.1.9 Free Form Charge Entry	11. The Free Form Flag field must not be displayed to the OLU.	(M)				
16.33.1.1.9 Free Form Charge Entry	12. The Free Form Flag must automatically be set to Y when Free Form Charge Entry is selected from the dropdown list.	(M)				
16.33.1.1.9 Free Form Charge Entry	13. The Free Form Flag must automatically be set to N when a charge is chosen from the dropdown list.	(M)				
<b>16.33.1.1.10 Free Form Federal Statute</b>						
16.33.1.1.10 Free Form Federal Statute	1. Refer to Figure 70 – Charge Information 6.	(I)				
16.33.1.1.10 Free Form Federal Statute	2. Refer to Figure 71 – Charge Information 7.	(I)				
16.33.1.1.10 Free Form Federal Statute	3. Upon selection of Other Federal Statute and Free Form Charge Entry, the EFCD must allow the OLU to manually enter the Free Form Federal Statute.					

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16.33.1.1.10 Free Form Federal Statute	4. The Free Form Federal Statute must only be available if the following requirements are met: a. Federal Statute = Other Federal Statute b. Section Number of Charge = Free Form Charge Entry					
16.33.1.1.10 Free Form Federal Statute	5. The OLU must be allowed to enter the: a. Free Form Federal Statute b. Free Form Section Number c. Charge Description					
16.33.1.1.10 Free Form Federal Statute	6. Upon selection of the ADD CHARGE button, the EFCD must format the charge description as follows to be submitted to the RTID System: a. Free form charge description wording b. Free form section # with the prefix SEC c. Free form other federal statute	(M)				
<b>16.33.1.1.11 Number of Counts</b>						
16.33.1.1.11 Number of Counts	1. The Number of Counts must be defaulted to 001.	(M)				
16.33.1.1.11 Number of Counts	2. The Number of Counts must be an editable field.	(M)				
16.33.1.1.11 Number of Counts	3. The OLU must not be able to enter in 000.	(M)				

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16.33.1.1.11 Number of Counts	4. If the OLU enters a value of less than three digits, the EFCD must pad the value entered with leading zero(s) to a maximum of 3 digits.	(M)				
<b>16.33.1.1.12 Section Number of an Attempt or Conspiracy</b>						
16.33.1.1.12 Section Number of an Attempt or Conspiracy	1. The EFCD must allow the OLU to select the Section Number of an Attempt or Conspiracy by use of a dropdown list.	(M)				
16.33.1.1.12 Section Number of an Attempt or Conspiracy	2. The EFCD must allow the OLU to remove or modify the selection by use of a dropdown list.	(M)				
<b>16.33.1.1.13 Court Information Number</b>						
16.33.1.1.13 Court Information Number	1. The Court Information Number field must be editable and allow the OLU to add, remove and modify the information.	(M)				
<b>16.33.1.1.14 Offence Information Code</b>						
16.33.1.1.14 Offence Information Code	1. The Offence Information Code field must be displayed to the OLU as VSI.	(M)				
16.33.1.1.14 Offence	2. The EFCD must allow the OLU to select the Offence Information Codes by use of a dropdown list.	(M)				

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Information Code						
16.33.1.1.14 Offence Information Code	3. The dropdown list must display the Offence Information Codes using the descriptions as outlined in the ICD.	(M)				
16.33.1.1.14 Offence Information Code	4. The EFCD must allow the OLU to unselect an Offence Information Code.	(M)				
16.33.1.1.14 Offence Information Code	5. The EFCD must allow the OLU to select only one Offence Information Code per charge.	(M)				
16.33.1.1.14 Offence Information Code	6. If the Child Sex Offender Offence Information Code is selected, the EFCD must allow the OLU to choose a victim age group and victim sex.	(M)				
<b>16.33.1.1.14.1 Victim Age Group Code</b>						
16.33.1.1.14.1 Victim Age Group Code	1. The Victim Age Group Code field must be displayed to the OLU as Victim Age Group.	(M)				
16.33.1.1.14.1 Victim Age Group Code	2. The Victim Age Group dropdown list must only be displayed if Child Sex Offender is selected.	(M)				

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16.33.1.1.14.1 Victim Age Group Code	3. The EFCD must allow the OLU to select the Victim Age Group by use of a dropdown list.	(M)				
16.33.1.1.14.1 Victim Age Group Code	4. The dropdown list must display the Victim Age Group using the descriptions as outlined in the ICD.	(M)				
16.33.1.1.14.1 Victim Age Group Code	5. The EFCD must allow the OLU to modify or remove a victim age group by selecting another value from the dropdown list.	(M)				
16.33.1.1.14.1 Victim Age Group Code	6. The Victim Age Group must field must be greyed out if Sex Related, Spousal Assault or Other Family Violence is selected.	(M)				
<b>16.33.1.1.14.2 Victim Sex Code</b>						
16.33.1.1.14.2 Victim Sex Code	1. The Victim Sex Code field must be displayed to the OLU as Victim Sex.	(M)				
16.33.1.1.14.2 Victim Sex Code	2. The EFCD must allow the OLU to select Victim Sex by use of a dropdown list.	(M)				
16.33.1.1.14.2 Victim Sex Code	3. The dropdown list must display the Victim Sex codes using the descriptions as outlined in the ICD.	(M)				
16.33.1.1.14.2 Victim Sex Code	4. The EFCD must allow the OLU to modify or remove a victim sex by selecting another value from the dropdown list.	(M)				

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16.33.1.1.14.2 Victim Sex Code	5. The Victim Sex must be greyed out if Sex Related, Spousal Assault or Other Family Violence is selected.	(M)				
<b>16.33.1.1.15 Publication Ban Indicator</b>						
16.33.1.1.15 Publication Ban Indicator	1. The Publication Ban Indicator must not be displayed to the OLU.	(M)				
16.33.1.1.15 Publication Ban Indicator	2. The Publication Ban Indicator must be defaulted to (0).	(M)				
<b>16.33.2 Deportee EFCD Charge Information</b>						
16.33.2 Deportee EFCD Charge Information	1. Refer to Section 16.33.1 for information on how the charge information must be entered for a Deportee transaction. Deportee Charge information must follow the same format as EFCD Charge Information.	(M)				
<b>16.33.2.1 Deportee Charge Information Differences</b>						
16.33.2.1 Deportee Charge Information Differences	1. The Deportee transaction must only contain one charge.	(M)				
16.33.2.1 Deportee Charge	2. The EFCD must auto-populate the Federal Statute as: a. Immigration and Refugee Protection Act (IRPA).	(M)				

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Information Differences						
16.33.2.1 Deportee Charge Information Differences	3. The EFCD must auto-populate the Section Number of Charge and Charge Description as: a. SEC 48 and the wording that applies to SEC 48 of the IRPA.	(M)				
16.33.2.1 Deportee Charge Information Differences	4. The number of counts must be defaulted to 001 and must not be an editable field.	(M)				
16.33.2.1 Deportee Charge Information Differences	5. The Section Number of an Attempt or Conspiracy field must not be displayed to the OLU.	(M)				
16.33.2.1 Deportee Charge Information Differences	6. The EFCD must not display the VSI field and the associated sub-fields.	(M)				
16.34 Caution Flags (Tag 2.816)						
16.34 Caution Flags (Tag 2.816)	1. Refer to Figure 18 - Demographic CARY 2.	(I)				

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16.34 Caution Flags (Tag 2.816)	2. The EFCD must allow the OLU to select a caution flag by use of check boxes.	(M)				
16.34 Caution Flags (Tag 2.816)	3. The EFCD must allow the OLU to clear the checkbox for a caution flag if the OLU selected a caution flag.	(M)				
16.34 Caution Flags (Tag 2.816)	4. A caution flag must be auto-populated if the charge selected has a caution associated to it as outlined in the Federal Statutes Table. If a caution is populated by the charge, the OLU must not be able to unselect the caution flag.	(M)				
<b>16.35 Authority for Canadian Search (Tag 2.896)</b>						
16.35 Authority for Canadian Search (Tag 2.896)	1. Authority for Canadian Search must only be displayed for an EFCD CARN transaction.	(M)				
16.35 Authority for Canadian Search (Tag 2.896)	2. The EFCD must allow the OLU to select the Authority for Canadian Search using radio buttons.	(M)				
16.35 Authority for Canadian Search (Tag 2.896)	3. The Authority for Canadian Search choices must be displayed in the following order on the Livescan: a. Criminal Code - For Identification Purposes b. Immigration and Refugee Protection Act c. Amnesia / Loss of Capacity d. Taken with Informed Consent	(M)				

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16.35 Authority for Canadian Search (Tag 2.896)	4. The Authority for Canadian Search choices must be displayed in the following order on the Cardscan: a. Criminal Code - For Identification Purposes b. Immigration and Refugee Protection Act c. Amnesia / Loss of Capacity / Unidentified Body d. Taken with Informed Consent e. Deceased Offender Notification	(M)				
16.35 Authority for Canadian Search (Tag 2.896)	5. Taken with Informed Consent is not a valid entry if the individual is less than 18 years of age at date of fingerprinting.	(I)				
16.35 Authority for Canadian Search (Tag 2.896)	6. If taken with Informed Consent is chosen and the calculated age is less than 18, the Livescan must return the cursor to the Authority for Canadian Search field and display the following error message. a. The individual is less than 18 years of age, "Taken with Informed Consent" cannot be used as the authority for fingerprinting.	(M)				
16.36 Immigration Retention End Date (Tag 2.8971)						
16.36 Immigration Retention End Date (Tag 2.8971)	1. The Immigration (IMM) transaction contains the Immigration Retention End Date (Tag 2.8971).	(I)				
16.36 Immigration	2. The immigration retention end date is fifteen years from the date of fingerprinting.	(I)				

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Retention End Date (Tag 2.8971)						
16.36 Immigration Retention End Date (Tag 2.8971)	3. The Immigration retention end date must be auto-populated.	(M)				
16.36 Immigration Retention End Date (Tag 2.8971)	4. The Livescan must display the Immigration Retention End date to the OLU.	(M)				
16.36 Immigration Retention End Date (Tag 2.8971)	5. The Livescan must not allow the OLU to edit the Immigration Retention End Date.	(M)				
16.36 Immigration Retention End Date (Tag 2.8971)	6. The Livescan must allow the OLA to configure the parameters of the Immigration Retention End date through a simple GUI configuration.	(M)				

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16.37 Civil Application Types (Tag 2.869)						
16.37.1 Civil Application – Current State and Civil Efficiencies						
16.37.1 Civil Application – Current State and Civil Efficiencies	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.37.1 Civil Application – Current State and Civil Efficiencies	2. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				
16.37.1 Civil Application – Current State and Civil Efficiencies	3. The Civil Application Types privileges are based on the following Agency Profiles. a. Police and RCMP Agency b. Federal Government Agency c. Provincial Government Agency	(I)				
16.37.1 Civil Application – Current State and Civil Efficiencies	4. Refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Devices Workflows, for the allowable application types associated to each Agency Profile listed above. Information concerning the additional tags that must be displayed for each application type is also contained in the Best Practice document.	(I)				
16.37.1 Civil Application – Current State	5. Refer to the Supplemental Document to ICD 1.7.8., for Current State requirements.	(I)				

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and Civil Efficiencies						
16.37.1 Civil Application – Current State and Civil Efficiencies	6. Table 6 - Civil Application Types and Helpful Tips is the “helpful tips” for each application type in the dropdown list that must be displayed to the OLU on the Application Type Details screen.	(M)				
16.37.1 Civil Application – Current State and Civil Efficiencies	7. The “helpful tips’ must be displayed to the OLU when the pointer is hovered over the application type in the dropdown list.	(M)				
16.37.1.1 Agency Profile Requirements for Civil Application						
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies						
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	1. The Application Types and conditional mandatory fields that must be visible to the OLU are outlined in Table 7 - Police and RCMP- Civil Application Conditional Mandatory Tags.	(M)				
16.37.1.1.1 Police and RCMP Civil Application – Current State	2. The conditional mandatory tags must be greyed out if they are not required for the application type.	(M)				

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and Civil Efficiencies						
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	3. The application types listed in Table 7 - Police and RCMP- Civil Application Conditional Mandatory Tags must be displayed in the dropdown list for the Application Type field in alphabetical order and using the exact wording shown.	(M)				
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	4. The OLA must have the ability to modify the order in which the application types are displayed in the dropdown list through a simple GUI configuration.	(M)				
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	5. Table 7 - Police And RCMP- Civil Application Conditional Mandatory Tags provides information on certain fields and how they must be displayed. a. Code Value and Subtype Codes i. Information for the Vendor only and must not be displayed to the OLU. b. Application Type i. The application types that must be displayed to the OLU in the dropdown list.	(M)				

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	<ul style="list-style-type: none"><li>ii. Name Change (50), Police Employment (34), and Criminal Record Check for Personal Use (10) have associated sub-tags.<ul style="list-style-type: none"><li>1. The OLU must be allowed to select an application type and the Livescan must display the sub application types associated to that application type.</li><li>2. The OLU must be allowed to select the sub application type. Refer to the sections listed for information on the fields.</li></ul></li><li>c. Application Type Specify (ATS Tag 2.850)<ul style="list-style-type: none"><li>i. Refer to Section 16.46. (I)</li></ul></li><li>d. Volunteer Confirmation Letter Verified Indicator (VCL Tag 2.871)<ul style="list-style-type: none"><li>i. Refer to 16.47 (I)</li></ul></li><li>e. Details of Information Sought (DIS Tag 2.873)<ul style="list-style-type: none"><li>i. Refer to Section 16.44. (I)</li></ul></li><li>f. Language of Result (LOR Tag 2.833)<ul style="list-style-type: none"><li>i. Refer to Section 16.45. (I)</li></ul></li></ul>					
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	<ul style="list-style-type: none"><li>6. The Police and RCMP Agency must be able to request an International Search (Tag 2.891) for the following application types identified in Table 8 - Police And RCMP - Police Employment And International Search Request (ISR 2.891):<ul style="list-style-type: none"><li>a. Canadian Police Force (3404)</li><li>b. Civilian Employee (3403)</li><li>c. RCMP Member (3401)</li></ul></li></ul>	(M)				

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	d. RCMP Civilian Employee (3402) e. PROS User (3405)					
16.37.1.1.1 Police and RCMP Civil Application – Current State and Civil Efficiencies	7. Refer to Section 16.27 for information on the functionality for International Searches.	(I)				
16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies						
16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies	1. Table 9 - Federal Government Agency - FBI and International Search Requests outlines the application types that a Federal Government Agency is authorized to submit.	(I)				
16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies	2. The FBI Search request must not be displayed to the OLU if the Federal Government Agency does not have a Memorandum of Understanding (MOU) in place with the FBI.	(M)				

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16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies	3. The application types listed in the table below must be displayed in the dropdown list for the Application Type field in alphabetical order and using the exact wording shown.	(M)				
16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies	4. The OLA must have the ability to modify the order in which the application types are displayed in the dropdown list through a simple GUI configuration.	(M)				
16.37.1.1.2 Federal Government Agency Civil Application – Current State and Civil Efficiencies	5. Table 9 - Federal Government Agency - FBI and International Search Requests provides information on certain fields and how they must be displayed. a. Code Value i. Information for the Vendor must not be displayed to the OLU. b. Application Type i. The application types that must be displayed to the OLU in the dropdown list. c. FBI Search Request (SFBI Tag 2.874)	(M)				

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	<div><div><div>i. Use of SFBI (Tag 2.874) is dependent on whether the Federal Government Agency has an MOU with the FBI. (I)</div><div>ii. The FBI Search Request checkbox must only be displayed for a Federal Government Agency authorized to conduct an FBI Search for the application type of Federal Government Employment (21).</div><div>iii. The FBI Search Request check box must not be displayed if the Federal Government Agency is not authorized to conduct an FBI Search.</div><div>iv. Refer to Section 16.25 for further information on the requirements for an FBI Search request. (I)</div></div><div>d. ISR (Tag 2.891)<div><div>i. The International Search Request checkbox must only be displayed for a Federal Government Agency for the application type of Federal Government Employment (21).</div><div>ii. Refer to Section 16.27 for further information on the requirements for an International Search request. (I)</div></div></div></div>					

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16.37.1.1.3 Provincial Government Agency Civil Application – Current State and Civil Efficiencies						
16.37.1.1.3 Provincial Government Agency Civil Application – Current State and Civil Efficiencies	1. Table 10 - Provincial Government Agency Application Type outlines the application type that a Provincial Government Agency is authorized to submit.	(I)				
16.37.1.1.3 Provincial Government Agency Civil Application – Current State and Civil Efficiencies	2. The application type listed in the table below must be displayed in the dropdown list for the Application Type field in alphabetical order and using the exact wording shown.	(M)				
16.37.1.1.3 Provincial Government Agency Civil Application – Current State and Civil Efficiencies	3. Table 10 - Provincial Government Agency Application Type provides information on certain fields and how they must be displayed. a. Code Value i. Information for the Vendor must not be displayed to the OLU. b. Application Type i. The application types that must be displayed to the OLU in the dropdown list.	(M)				

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16.37.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies						
16.37.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies	1. The Civil Vulnerable Sector Application Types privileges are based on the following Agency Profiles. a. Police Agency b. RCMP Agency	(I)				
16.37.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies	2. Refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Devices Workflows, for the allowable application types associated to each Agency Profile listed above. Information concerning the additional tags to be displayed for each application type is also contained in the Best Practice document.	(I)				
16.37.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies	3. Refer to the Supplemental Document to ICD 1.7.8., for the Current state requirements.	(I)				
16.37.2 Civil Vulnerable Sector Application – Current State	4. The “helpful tips” in Table 11 - Civil Vulnerable Sector Applications and Helpful Tips for each application type in the dropdown list must be displayed to the OLU on the Application Type Details screen.	(M)				

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and Civil Efficiencies						
16.37.2 Civil Vulnerable Sector Application – Current State and Civil Efficiencies	5. The “helpful tips” must be displayed to the OLU when the pointer is hovered over the application type in the dropdown list.	(M)				
16.37.2.1 Agency Profile Requirements for Civil Vulnerable Sector Application						
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application – Current State and Civil Efficiencies						
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application – Current State and Civil Efficiencies	1. Table 12 - Civil Vulnerable Sector Application and Conditional Mandatory Tags outlines the application types that a Police and RCMP Agency are authorized to submit.	(I)				
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application –	2. The conditional mandatory tags must be greyed out if they are not required for the application type.	(M)				

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Current State and Civil Efficiencies						
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application – Current State and Civil Efficiencies	3. The application types listed in Table 12 - Civil Vulnerable Sector Application and Conditional Mandatory Tags must be displayed in the dropdown list for the Application Type field in alphabetical order and using the exact wording shown.	(M)				
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application – Current State and Civil Efficiencies	4. The OLA must have the ability to modify the order in which the application types are displayed in the dropdown list through a simple GUI configuration.	(M)				
16.37.2.1.1 Police and RCMP Civil Vulnerable Sector Application – Current State	5. Table 12 - Civil Vulnerable Sector Application and Conditional Mandatory Tags provides information on certain fields and how they must be displayed. a. Code Value i. Information for the Vendor must not be displayed to the OLU. b. Application Type	(M)				

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and Civil Efficiencies	<ul style="list-style-type: none"> <li>i. The application types that must be displayed to the OLU in the dropdown list.</li> <li>c. ATS (Tag 2.850) <ul style="list-style-type: none"> <li>i. Refer to Section 16.46. (I)</li> </ul> </li> <li>d. VSD (Tag 2.8944) <ul style="list-style-type: none"> <li>i. Refer to Section 16.43 (I)</li> </ul> </li> <li>e. VCL (Tag 2.871) <ul style="list-style-type: none"> <li>i. Refer to Section 16.47 . (I)</li> </ul> </li> <li>f. LOR (Tag 2.833) <ul style="list-style-type: none"> <li>i. Refer to Section 16.45. (I)</li> </ul> </li> </ul>					
<b>16.38 Send Results to Source (Tag 2.8900)</b>						
<b>16.38.1 Current State - EFCD</b>						
16.38.1 Current State - EFCD	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.38.1 Current State - EFCD	2. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				
16.38.1 Current State - EFCD	3. The Send Results to Source (Tag 2.8900) is used to capture where to send the search results for a MAP transaction. Listed below are the possible options. <ul style="list-style-type: none"> <li>a. Contributor</li> <li>b. Response to Agency</li> <li>c. Individual</li> <li>d. Third-Party Address</li> </ul>	(I)				

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16.38.1 Current State - EFCD	4. Based on the agency profile and the Supplemental Document to ICD 1.7.8., the Send Results to Source field must only allow for the selection of search responses permitted for Current State.	(M)				
16.38.1 Current State - EFCD	5. The Send Results to Source options that are not allowable in a particular scenario, must not be available to the OLU.	(M)				
<b>16.38.1.1 Contributor</b>						
16.38.1.1 Contributor	1. If Contributor is selected, the EFCD must not allow the Return Mailing Address field (Tag 2.8903) or the Response to Agency Identifier field (Tag2.817) to be populated; and these two options must be greyed out.	(M)				
16.38.1.1 Contributor	2. For Livescan Biometric Consent information, refer to Section 16.39.1.	(I)				
16.38.1.1 Contributor	3. For Cardscan Biometric Consent information, refer to Section 16.39.2.	(I)				
<b>16.38.1.2 Response to Agency</b>						
16.38.1.2 Response to Agency	1. Refer to Section 16.42 for further information on the response to agency functionality.	(I)				
16.38.1.2 Response to Agency	2. If Response to Agency is selected, the EFCD must not allow the Return Mailing Address field (Tag 2.8903) to be populated and Return Mailing Address must be greyed out.	(M)				
<b>16.38.1.3 Individual</b>						
16.38.1.3 Individual	1. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				

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16.38.1.3 Individual	2. If Individual is selected, the EFCD must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.1.3 Individual	3. If Individual is selected, the EFCD must not allow the Response to Agency Identifier field (Tag 2.817) to be populated and the Response to Agency Identifier must be greyed out.	(M)				
<b>16.38.1.4 Response Address</b>						
16.38.1.4 Response Address	1. Response Address (code 4) must be labelled as Third-Party Address.	(M)				
16.38.1.4 Response Address	2. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				
16.38.1.4 Response Address	3. If Third-Party Address is selected, the EFCD must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.1.4 Response Address	4. If Third-Party Address is selected, the EFCD must not allow the Response to Agency Identifier field (Tag 2.817) to be populated and the Response to Agency Identifier must be greyed out.	(M)				
16.38.1.4 Response Address	5. For Livescan Biometric Consent information, refer to Section 16.39.1.	(I)				
16.38.1.4 Response Address	6. For Cardscan Biometric Consent information, refer to Section 16.39.2.	(I)				

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<b>16.38.2 Civil Efficiencies - Livescan</b>						
16.38.2 Civil Efficiencies - Livescan	1. The Send Results to Source (Tag 2.8900) is used to capture where to send the search results for a MAP transaction. Listed below are the possible options. a. Contributor b. Response to Agency c. Individual d. Third-Party Address	(I)				
16.38.2 Civil Efficiencies - Livescan	2. Refer to The Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows, for the agency profile and the Send Results to Source field search response options permitted for Civil Efficiencies.	(I)				
16.38.2 Civil Efficiencies - Livescan	3. The Send Results to Source options that are not allowable in a particular scenario, must not be available to the OLU.	(M)				
16.38.2 Civil Efficiencies - Livescan	4. Based on the Send Results to Source, the Preferred Delivery Method (Tag 2.866) must be available.	(M)				
<b>16.38.2.1 Contributor</b>						
16.38.2.1 Contributor	1. If Contributor is selected, the Livescan must not allow the Return Mailing Address field (Tag 2.8903), Response to Agency Identifier field (Tag 2.817), and Civil Results Email Address field (Tag 2.867) to be populated and these options should be greyed out.	(M)				

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16.38.2.1.1 Preferred Delivery Method For Contributor						
16.38.2.1.1 Preferred Delivery Method For Contributor	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code 1) b. Encrypted Email (Code 2) c. Paper via Canada Post (Code 3)	(I)				
16.38.2.1.1 Preferred Delivery Method For Contributor	2. If Contributor is selected, the Livescan must allow the OLU to choose a preferred delivery method.	(M)				
16.38.2.1.1 Preferred Delivery Method For Contributor	3. If a Preferred Delivery Method of Encrypted Email is allowed, the Livescan must auto-populate the Preferred Delivery Method field with Encrypted Email and the encrypted email option code must not be available to the OLU.	(M)				
16.38.2.1.1 Preferred Delivery Method For Contributor	4. The Livescan must display the consent form associated to the encrypted email option for Consent Capture.	(M)				
16.38.2.1.1 Preferred Delivery Method For Contributor	5. The Preferred Delivery Method of Results options must be greyed out if encrypted email is the agency's configured option.	(M)				
16.38.2.1.1 Preferred Delivery Method For Contributor	6. The Livescan must display the following Preferred Delivery Method for Results: a. Clear Text Email	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. Paper via Canada Post					
16.38.2.1.1 Preferred Delivery Method For Contributor	7. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.2.1.1 Preferred Delivery Method For Contributor	8. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
16.38.2.1.1 Preferred Delivery Method For Contributor	9. Upon selection of the Preferred Delivery Method, the Livescan must display at the time of Biometric consent capture, the applicable Biometric Consent form that corresponds to the Preferred Delivery Method chosen. Refer to Section 16.39.	(M)				
16.38.2.2 Response to Agency						
16.38.2.2 Response to Agency	1. Refer to Section 16.42.	(I)				
16.38.2.2 Response to Agency	2. If Response to Agency is selected, the Livescan must not allow the Return Mailing Address field (Tag 2.8903) or the Civil Results Email Address field (Tag2.867) to be populated and these options must be greyed out.	(M)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency						
16.38.2.2.1 Preferred Delivery Method	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code 1)	(I)				

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for Response to Agency	b. Encrypted Email (Code 2) c. Paper via Canada Post (Code 3)					
16.38.2.2.1 Preferred Delivery Method for Response to Agency	2. If Response to Agency is selected, the Livescan must allow the OLU to choose a Preferred Delivery Method.	(M)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	3. If a Preferred Delivery Method of Encrypted Email is allowed, the Livescan must auto-populate the Preferred Delivery Method field with Encrypted Email and the encrypted email option code must not be available to the OLU.	(M)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	4. The Livescan must display the consent form associated to the encrypted email for Consent Capture.	(M)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	5. The Preferred Delivery Method of Results options must be greyed out if the Response to Agency is encrypted email.	(M)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	6. The Livescan must display the following Preferred Delivery Method for Results: a. Clear Text Email b. Paper via Canada Post	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.38.2.2.1 Preferred Delivery Method for Response to Agency	7. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	8. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
16.38.2.2.1 Preferred Delivery Method for Response to Agency	9. Upon selection of the Preferred Delivery Method, the Livescan must display at the time of Biometric consent capture, the applicable Biometric Consent form that corresponds to the Preferred Delivery Method chosen. Refer to Section 16.39 for further information on biometric consent.	(M)				
<b>16.38.2.3 Individual</b>						
16.38.2.3 Individual	1. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				
16.38.2.3 Individual	2. If Individual is selected, the Livescan must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.2.3 Individual	3. If Individual is selected, the Livescan must not allow the Response to Agency Identifier field (Tag 2.817) to be populated and this option must be greyed out.	(M)				

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<b>16.38.2.3.1 Preferred Delivery Method for Individual</b>						
16.38.2.3.1 Preferred Delivery Method for Individual	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code1) b. Paper via Canada Post (Code 3)	(I)				
16.38.2.3.1 Preferred Delivery Method for Individual	2. If Individual is selected, the Livescan must display the following Preferred Delivery Method for Results: a. Clear Text Email b. Paper via Canada Post	(M)				
16.38.2.3.1 Preferred Delivery Method for Individual	3. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.2.3.1 Preferred Delivery Method for Individual	4. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
16.38.2.3.1 Preferred Delivery Method for Individual	5. Upon selection of the Preferred Delivery Method, the Livescan must display at the time of Biometric consent capture, the applicable Biometric Consent form that corresponds to the Preferred Delivery Method chosen. Refer to Section 16.39 for further information on biometric consent.	(M)				
16.38.2.3.1 Preferred Delivery Method for Individual	6. If Paper via Canada Post (Code 3) is selected, the OLU must not be able to populate the Civil Results Email Address field (Tag 2.867) and this option must be greyed out.	(M)				

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<b>16.38.2.4 Response Address</b>						
16.38.2.4 Response Address	1. Response Address (code 4) must be labelled as Third-Party Address.	(M)				
16.38.2.4 Response Address	2. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				
16.38.2.4 Response Address	3. If Third-Party Address is selected, the Livescan must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.2.4 Response Address	4. If Third-Party Address is selected, the Livescan must not allow the Response to Agency Identifier field (Tag 2.817) to be populated.	(M)				
16.38.2.4 Response Address	5. The Response to Agency Identifier field (Tag 2.817) must be greyed out if it is not a required field.	(M)				
<b>16.38.2.4.1 Preferred Delivery Method for Response Address</b>						
16.38.2.4.1 Preferred Delivery Method for Response Address	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code1) b. Paper via Canada Post (Code 3)	(I)				
16.38.2.4.1 Preferred Delivery Method	2. If Third-Party Address is selected, the Livescan must display the following Preferred Delivery Method for Results: a. Clear Text Email	(M)				

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for Response Address	b. Paper via Canada Post					
16.38.2.4.1 Preferred Delivery Method for Response Address	3. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.2.4.1 Preferred Delivery Method for Response Address	4. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
16.38.2.4.1 Preferred Delivery Method for Response Address	5. Upon selection of the Preferred Delivery Method, the Livescan must display at the time of Biometric consent capture, the applicable Biometric Consent form that corresponds to the Preferred Delivery Method chosen. Refer to Section 16.39 for further information on biometric consent.	(M)				
16.38.2.4.1 Preferred Delivery Method for Response Address	6. If Paper via Canada Post (Code 3) is selected, the OLU must not be able to populate the Civil Results Email Address field (Tag 2.867).	(M)				
16.38.2.4.1 Preferred Delivery Method for Response Address	7. The Civil Results Email Address field (Tag 2.867) must be greyed out.	(M)				

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<b>16.38.3 Civil Efficiencies - Cardscan</b>						
16.38.3 Civil Efficiencies - Cardscan	1. The Send Results to Source (Tag 2.8900) is used to capture where to send the search results for a MAP transaction. Listed below are the possible options. a. Contributor b. Response to Agency c. Individual d. Third-Party Address	(I)				
16.38.3 Civil Efficiencies - Cardscan	2. Based on the agency profile and the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows, the Send Results to Source field must only allow for the selection of search response options permitted for Civil Efficiencies.	(M)				
16.38.3 Civil Efficiencies - Cardscan	3. The Send Results to Source options that are not allowable in a particular scenario, must not be available to the OLU.	(M)				
16.38.3 Civil Efficiencies - Cardscan	4. Based on the Send Results to Source, the Preferred Delivery Method (Tag 2.866) must be displayed.	(M)				
<b>16.38.3.1 Contributor</b>						
16.38.3.1 Contributor	1. If Contributor is selected, the Cardscan must not allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.3.1 Contributor	2. The Return Mailing Address field (Tag 2.8903) must be greyed out it is not a required field.	(M)				

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16.38.3.1 Contributor	3. If Contributor is selected, the Cardscan must not allow the Response to Agency Identifier field (Tag 2.817) to be populated.	(M)				
16.38.3.1 Contributor	4. The Response to Agency Identifier field (Tag 2.817) must be greyed out.	(M)				
16.38.3.1 Contributor	5. If Contributor is selected, the Cardscan must not allow the Civil Results Email Address field (Tag 2.867) to be populated and this option must be greyed out.	(M)				
16.38.3.1 Contributor	6. Refer to Section 16.39.4 for information on Consent Forms.	(I)				
16.38.3.1.1 Preferred Delivery Method for Contributor						
16.38.3.1.1 Preferred Delivery Method for Contributor	1. The allowable option for the Preferred Delivery method is listed below: a. Encrypted Email (Code 2)	(I)				
16.38.3.1.1 Preferred Delivery Method for Contributor	2. If Contributor is selected, the Cardscan must auto-populate the Preferred Delivery Method as Encrypted Email.	(M)				
16.38.3.1.1 Preferred Delivery Method for Contributor	3. The Preferred Delivery Method of Results options must be greyed out.	(M)				

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<b>16.38.3.2 Response to Agency</b>						
16.38.3.2 Response to Agency	1. Refer to Section 16.42 for further information of the response to agency functionality.	(I)				
16.38.3.2 Response to Agency	2. If Response to Agency is selected, the Livescan must not allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.3.2 Response to Agency	3. The Return Mailing Address field (Tag 2.8903) must be greyed out.	(M)				
16.38.3.2 Response to Agency	4. Refer to Section 16.39.4 for Information on Consent Forms.	(I)				
<b>16.38.3.2.1 Preferred Delivery Method for Response to Agency</b>						
16.38.3.2.1 Preferred Delivery Method for Response to Agency	1. The allowable option for the Preferred Delivery method is listed below: a. Encrypted Email (Code 2)	(I)				
16.38.3.2.1 Preferred Delivery Method for Response to Agency	2. If Response to Agency is selected, the Cardscan must auto-populate the Preferred Delivery Method as Encrypted Email.	(M)				

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16.38.3.2.1 Preferred Delivery Method for Response to Agency	3. The Preferred Delivery Method of Results options must be greyed out.	(M)				
<b>16.38.3.3 Individual</b>						
16.38.3.3 Individual	1. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				
16.38.3.3 Individual	2. If Individual is selected, the Cardscan must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				
16.38.3.3 Individual	3. If Individual is selected, the Cardscan must not allow the Response to Agency Identifier field (Tag 2.817) to be populated.	(M)				
16.38.3.3 Individual	4. The Response to Agency Identifier field (Tag 2.817) must be greyed out.	(M)				
16.38.3.3 Individual	5. Refer to Section 16.39.4 for Information on Consent Forms.	(I)				
<b>16.38.3.3.1 Preferred Delivery Method for Individual</b>						
16.38.3.3.1 Preferred Delivery Method for Individual	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code1) b. Paper via Canada Post (Code 3)	(I)				
16.38.3.3.1 Preferred	2. If Individual is selected, the Cardscan must allow the OLU to choose a Preferred Delivery Method.	(M)				

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Delivery Method for Individual						
16.38.3.3.1 Preferred Delivery Method for Individual	3. The Cardscan must display the following Preferred Delivery Method of Results: a. Clear Text Email b. Paper via Canada Post	(M)				
16.38.3.3.1 Preferred Delivery Method for Individual	4. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.3.3.1 Preferred Delivery Method for Individual	5. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
<b>16.38.3.4 Response Address</b>						
16.38.3.4 Response Address	1. Response Address (code 4) must be labelled Third-Party Address.	(M)				
16.38.3.4 Response Address	2. Refer to Section 16.40 for information concerning the Return Mailing Address field.	(I)				
16.38.3.4 Response Address	3. If Third-Party Address is selected, the Cardscan must allow the Return Mailing Address field (Tag 2.8903) to be populated.	(M)				

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16.38.3.4 Response Address	4. If Third-Party Address is selected, the Cardscan must not allow the Response to Agency Identifier field (Tag 2.817) to be populated.	(M)				
16.38.3.4 Response Address	5. The Response to Agency Identifier field (Tag 2.817) must be greyed out.	(M)				
16.38.3.4 Response Address	6. Refer to Section 16.39.4 for information on Consent Forms.	(I)				
16.38.3.4.1 Preferred Delivery Method for Response Address						
16.38.3.4.1 Preferred Delivery Method for Response Address	1. The allowable options for the Preferred Delivery method are listed below: a. Clear Text Email (Code1) b. Paper via Canada Post (Code 3)	(I)				
16.38.3.4.1 Preferred Delivery Method for Response Address	2. If Third-Party Address is selected, the Cardscan must allow the OLU to choose a preferred Delivery Method.	(M)				
16.38.3.4.1 Preferred Delivery Method for Response Address	3. The Cardscan must display the following Preferred Delivery Method of Results: a. Clear Text Email b. Paper via Canada Post	(M)				

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16.38.3.4.1 Preferred Delivery Method for Response Address	4. For information on Clear Text Email: a. Refer to Section 16.41	(I)				
16.38.3.4.1 Preferred Delivery Method for Response Address	5. For information on Paper via Canada Post: a. Refer to Section 16.40	(I)				
16.38.3.4.1 Preferred Delivery Method for Response Address	6. If Paper via Canada Post (Code 3) is selected, the OLU must not be able to populate the Civil Results Email Address field (Tag 2.867).	(M)				
16.38.3.4.1 Preferred Delivery Method for Response Address	7. The Civil Results Email Address field (Tag 2.867) must be greyed out.	(M)				

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16.39 Biometric Consent Forms						
16.39.1 Livescan - Current State – Third Party Waiver and Vulnerable Sector Consent Forms						
16.39.1.1 Screen Appearance and Functionality						
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.						
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	1. Refer to Figure 45 - Livescan Consent and the Best Practices for the Implementation of Civil Efficiencies of EFCDs for Consent form content.	(I)				
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	2. If the Application Type requirements dictate that a biometric consent is required, the Livescan must display the Consent Form.	(M)				
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	3. The Consent Form must be displayed on screen and allow the OLU to scroll the length of the form so that it may be read in its entirety.	(M)				
16.39.1.1.1 Endorsement Finger On	4. The Consent Form must be pre-populated with the required demographic data and the data must not be editable by the OLU.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Same Screen As The Consent Form – Part 1.						
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	5. The OLU must be allowed to return to the demographic data screen to add, modify or delete demographic data.	(M)				
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	6. If the demographic data is modified, the updated information must be populated on the Consent Form.	(M)				
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	7. The Livescan must display a Read and Consented check box for the Consent form.	(M)				
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	8. Upon selection of the Read & Consented check box, the Livescan must complete the Biometric Endorsement Capture and display the captured fingerprint in a square box on the Consent Form screen.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.1.1.1 Endorsement Finger On Same Screen As The Consent Form – Part 1.	9. Refer to Section 13.1.1 for information on Biometric Endorsement Capture.	(I)				
<b>16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.</b>						
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	1. The consent for the release of information to a third party is a continuation of Section 13.1.1.	(I)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	2. Upon completion of the Biometric Consent Endorsement Capture, the Livescan must display the Consent Form that details the information concerning the third party receiving the Civil Product.	(M)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	3. The Livescan must display the following buttons: a. AUTHORIZE b. DO NOT AUTHORIZE	(M)				
16.39.1.1.2 Endorsement	4. The AUTHORIZE and DO NOT AUTHORIZE buttons must be located at the bottom of the Consent Form on the screen.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Finger On Same Screen As The Consent Form – Part 2.						
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	5. Upon selection of the AUTHORIZE button, the Livescan must ensure that all mandatory requirements have been met, and the OLU must be allowed to proceed to the next stage in the workflow.	(M)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	6. Upon selection of the DO NOT AUTHORIZE button, the Livescan must present the OLU with a dialog window with the following message. "The client does not authorize the Civil Product being returned to the third party, the transaction will be deleted."	(M)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	7. The Livescan must display the following buttons: a. YES b. NO	(M)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	8. If YES is selected, the Livescan must return the OLU to Workflow Manager Screen and delete the transaction.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	9. If NO is selected, the Livescan must return the OLU to the Consent Form.	(M)				
16.39.1.1.2 Endorsement Finger On Same Screen As The Consent Form – Part 2.	10. A copy of the Consent forms will be provided.	(I)				
16.39.2 Cardscan - Current State – Third-Party Waiver and Vulnerable Sector Consent Forms						
16.39.2.1 Screen Appearance and Functionality						
16.39.2.1 Screen Appearance and Functionality	1. Refer to Figure 46 - Cardscan Consent.	(I)				
16.39.2.1 Screen Appearance and Functionality	2. If the application requirements dictate that a biometric consent is required, the Cardscan must allow for two consent options.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.2.1 Screen Appearance and Functionality	3. The Cardscan must display two radio buttons and allow for the following choices: a. Signature b. Biometric	(M)				
16.39.2.1 Screen Appearance and Functionality	4. Above the radio buttons must be a label titled Method of Consent.	(M)				
16.39.2.1 Screen Appearance and Functionality	5. The Cardscan must allow the OLU to select a radio button, which automatically unselects the other radio button.	(M)				
16.39.2.1 Screen Appearance and Functionality	6. The Cardscan must only allow for one option to be selected with regards to consent.	(M)				
16.39.2.1 Screen Appearance and Functionality	7. The Cardscan must not prompt for the capture of a Consent when one is not required by the MAP workflow.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.2.1.1 Signature Consent Is Selected						
16.39.2.1.1 Signature Consent Is Selected	1. If the signature consent is selected, the Cardscan must automatically populate the appropriate Type-2 data.	(M)				
16.39.2.1.1 Signature Consent Is Selected	2. Once the signature consent has been completed and all mandatory requirements have been met, the OLU must have the option to move to the next stage of the process by use of the NEXT button.	(M)				
16.39.2.1.2 Biometric Finger Consent Is Selected						
16.39.2.1.2 Biometric Finger Consent Is Selected	1. If biometric finger consent is selected, refer to Section 13.2.1 for further information.	(I)				
16.39.3 Livescan - Civil Efficiencies						
16.39.3.1 Livescan - Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies						
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1						
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	1. If the Application Type requirements dictate that a biometric consent is required, the Livescan must display the applicable Biometric Waiver Consent Form.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	2. The Biometric Waiver Consent form that must be displayed is dependent on the Application Type, Agency profile, Send Results to Source, and the Preferred Delivery Method: a. Refer to Section 16.37 for Civil Application Types and Agency Profile requirements. (I) b. Refer to Section 16.38.2 for Send Results to Source and Preferred Delivery Method requirements. (I)	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	3. The form numbers that must be used when a Third-Party Consent is required are shown below and must auto-populate the Consent Form Number field (Tag 2.865): a. Form 1.0 – search results will be sent via clear text email. i. A value of 1.0 must be populated. b. Form 2.0 – search results will be sent via encrypted email. i. A value of 2.0 must be populated. c. Form 3.0 – search results will be returned by paper via Canada Post. i. A value of 3.0 must be populated.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	4. The VS Biometric Waiver Consent Form that must be displayed is dependent upon the Application Type, Agency profile, Send Results to Source, and the Preferred Delivery Method: a. Refer to Section 16.37 for Civil Application Types and Agency Profile requirements. (I) b. Refer to Section 16.38 for Send Results to Source and Preferred Delivery Method requirements (I)	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	5. The form numbers that must be used when a Vulnerable Sector Consent is required are shown below and must be populated in Consent Form Number (Tag 2.865): a. Form 4.0 – search results will be sent via clear text email. i. A value of 4.0 must be populated. b. Form 5.0 – search results will be sent via encrypted email. i. A value of 5.0 must be populated. c. Form 6.0 – search results will be returned by paper via Canada Post. i. A value of 6.0 must be populated.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	6. The Consent Form must be displayed on screen and allow the OLU to scroll the length of the form so that it may be read in its entirety.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	7. The Consent Form must be pre-populated with the required demographic data and the data must not be editable by the OLU.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the	8. The OLU must be allowed to return to the demographic data screen to add, modify or delete demographic data.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Consent Form – Part 1						
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	9. If the demographic data is modified, the updated information must be populated on the Consent Form.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	10. The consent form must allow for the capture of a fingerprint image as the method for consent.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	11. The Livescan must display a Read and Consented check box for the Consent form.	(M)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	12. Upon selection of the Read & Consented check box, the Livescan must complete the Biometric Endorsement Capture and display the captured fingerprint in a square box on the Consent Form screen.	(M)				

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Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	13. Refer to Section 13.1.1 for information on Biometric Endorsement Capture.	(I)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	14. Refer to the Best Practices for the Implementation for Civil Efficiencies of Electronic Fingerprint Capture Device Workflow for additional details.	(I)				
16.39.3.1.1 Endorsement Finger on Same Screen as the Consent Form – Part 1	15. Copies of the Consent forms will be provided.	(I)				
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2						
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	1. The consent with regards to the method of delivery for the search results is a continuation of Section 13.1.1.	(I)				

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16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	2. Upon completion of the Biometric Consent Endorsement Capture, the Livescan must display the consent form that details the method of delivery and where the search results will be sent. a. AUTHORIZE b. DO NOT AUTHORIZE	(M)				
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	3. Upon selection of the AUTHORIZE button, the Livescan must ensure that all mandatory requirements have been met, and the OLU must be allowed to proceed to the next stage in the workflow by use of the NEXT button.	(M)				
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	4. Upon selection of the DO NOT AUTHORIZE Button, the Livescan must present the OLU with a dialog window with the following message. “The client does not authorize the search results being sent, the transaction will be deleted”.	(M)				
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	5. The Livescan must display the following buttons. a. YES b. NO	(M)				
16.39.3.1.2 Endorsement Finger on Same Screen as the	6. If YES is selected, the Livescan must return the OLU to Workflow Manager Screen and delete the transaction.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Consent Form – Part2						
16.39.3.1.2 Endorsement Finger on Same Screen as the Consent Form – Part2	7. If NO is selected, the Livescan must return the OLU to the Consent Form.	(M)				
16.39.4 Cardscan – Civil Efficiencies						
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies						
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	1. If the application requirements dictate that a biometric consent is required, the Cardscan must allow for two consent options.	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	2. The Cardscan must display two radio buttons and allow for the following choices: a. Signature b. Biometric	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	3. Above the radio buttons must be a label titled Method of Consent.	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	4. The Cardscan must allow the OLU to select a radio button, which will automatically unselect the other radio button.	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	5. The Cardscan must only allow for one option with regards to consent.	(M)				
16.39.4.1 Cardscan – Biometric Waiver and	6. The Cardscan must allow the OLU to capture a Consent when required by the MAP workflow.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Vulnerable Sector Consent Forms – Civil Efficiencies						
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	7. The Cardscan must not prompt for the capture of a Consent when one is not required by the MAP workflow.	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	8. The Biometric Waiver Consent form that must be used is dependent on the Application Type, Agency profile, Send Results to Source, and the Preferred Delivery Method: a. Refer to Section 16.37 for Civil Application Types and Agency Profile requirements. (I) b. Refer to Section 16.38.2 for Send Results to Source and Preferred Delivery Method requirements (I)	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	9. The form numbers that must be used when a Third-Party Consent is required are shown below and must auto-populate the Consent Form Number field (Tag 2.865): a. Form 1.0 – search results will be sent via clear text email. i. A value of 1.0 must be populated. b. Form 2.0 – search results will be sent via encrypted email. i. A value of 2.0 must be populated.	(M)				

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	<ul style="list-style-type: none"> <li>c. Form 3.0 – search results will be returned by paper via Canada Post. <ul style="list-style-type: none"> <li>i. A value of 3.0 must be populated.</li> </ul> </li> </ul>					
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	10. The Consent form to be used depends on the Application Type, Agency profile, Send Results to Source, and the Preferred Delivery Method: <ul style="list-style-type: none"> <li>a. Refer to Section 16.37 for Civil Application Types and Agency Profile requirements. (I)</li> <li>b. Refer to Section 16.38.2 for Send Results to Source and Preferred Delivery Method requirements (I)</li> </ul>	(M)				
16.39.4.1 Cardscan – Biometric Waiver and Vulnerable Sector Consent Forms – Civil Efficiencies	11. The form numbers that must be used when a Vulnerable Sector Consent is required are shown below and must be populated in Consent Form Number (Tag 2.865). <ul style="list-style-type: none"> <li>a. Form 4.0 – search results will be sent via clear text email. <ul style="list-style-type: none"> <li>i. A value of 4.0 must be populated.</li> </ul> </li> <li>b. Form 5.0 – search results will be sent via encrypted email. <ul style="list-style-type: none"> <li>i. A value of 5.0 must be populated.</li> </ul> </li> <li>c. Form 6.0 – search results will be returned by paper via Canada Post. <ul style="list-style-type: none"> <li>i. A value of 6.0 must be populated</li> </ul> </li> </ul>	(M)				
<b>16.39.4.1.1 Signature Consent Is Selected</b>						
16.39.4.1.1 Signature Consent Is Selected	1. If the signature consent is selected, the Cardscan must automatically populate the appropriate Type-2 data. <ul style="list-style-type: none"> <li>a. Once the signature consent has been completed and all mandatory requirements have been met, the OLU must have</li> </ul>	(M)				

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	the option to move to the next stage of the process by use of the NEXT button. (M)					
<b>16.39.4.1.2 Biometric Finger Consent Is selected</b>						
16.39.4.1.2 Biometric Finger Consent Is selected	1. If the biometric finger consent is selected, refer to Section 13.2.1	(I)				
<b>16.40 Return Mailing Address (Tag 2.8903)</b>						
16.40 Return Mailing Address (Tag 2.8903)	1. Refer to Figure 13 - Civil Demographic Data Capture.	(I)				
16.40 Return Mailing Address (Tag 2.8903)	2. Refer to Figure 27 - Return Mailing Address Pop-Up.	(I)				
16.40 Return Mailing Address (Tag 2.8903)	3. When the Send Results to Source (Tag 2.8900) is equal to Individual (3) or Third-Party Address (4), the OLU must be able to enter a Return Mailing Address by use of a button labelled Return Mailing Address.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	4. The Return Mailing Address button must be greyed out if the Send Result to Source (Tag 2.8900) is equal to Contributor (1) or Response to Agency (2).	(M)				
16.40 Return Mailing Address (Tag 2.8903)	5. If the Return Mailing Address button is clicked or tapped, the EFCD must open a separate window that is overlaid on the demographic data capture screen. The window must be titled Return Mailing Address and this header must be centred on the Return Mailing Address window.	(M)				

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16.40 Return Mailing Address (Tag 2.8903)	6. If the Send Results to Source (Tag 2.8900) is equal to Individual (3), the EFCD must allow the OLU by use of a check box to indicate that the return mailing address must be the same as the individual's home address, populate the Home Address (Tag 2.802) and Primary Name (Tag 2.806) in the Return Mailing Address field (Tag 2.8903) and allow the OLU to modify the date.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	7. If the check box is not checked, the OLU must be allowed to manually enter the return mailing address information.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	8. The following fields must be displayed on the Return Mailing Address screen. a. Attention Name b. Apt./Unit # - Street #/ Name c. City d. Province/State e. Postal Code/Zip Code f. Country	(M)				
16.40 Return Mailing Address (Tag 2.8903)	9. The EFCD must display the Return Mailing Address sub-fields in the following order: a. Attention Name i. The OLU must be allowed to manually enter the name of the person(s) that will be responsible for receiving the Civil Product. b. Apt./Unit # - Street #/ Name	(M)				

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	<div><div><div>i. The OLU must be allowed to manually enter the street address to where the Civil Product will be sent.</div><div>c. City</div><div>i. The OLU must be allowed to manually enter the city to where the Civil Product will be sent.</div><div>d. Province/State</div><div>i. The OLU must be allowed to select the Canadian province or US state to where the Civil Product will be sent by use of a dropdown list.</div><div>ii. The dropdown list must have a filter control.</div><div>iii. The dropdown list must display the Canadian provinces in alphabetical order, followed by the US states in alphabetical order.</div><div>iv. If the OLU selects Canada before the province selection, the EFCD must only display provinces for selection.</div><div>v. If the OLU selects United States before the state selection, the EFCD must only display states for selection.</div><div>vi. If the OLU selects a Canadian province, the EFCD must auto-populate the country code of Canada and display Canada as the country.</div><div>vii. If the OLU selects a US state, the EFCD must auto-populate the country code of United States and display USA as the country.</div></div></div>					

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	<p>e. Postal Code/ ZIP Code</p> <p>i. If the OLU selects Canada, the EFCD must allow the OLU to enter the postal code without the use of a space.</p> <p>ii. The EFCD must automatically format the postal code field as per the ICD logical record requirements.</p> <p>f. Country</p> <p>i. The OLU must be allowed to select a Country for where the Civil Product will be sent by use of a dropdown list.</p> <p>ii. The dropdown list must have a filter control.</p> <p>iii. The countries must be listed in alphabetical order.</p> <p>iv. The dropdown list must display Canada as the first selection, followed by USA and then list the remaining countries in alphabetical order.</p> <p>v. If the OLU selects Other (code 998), the EFCD must allow the OLU to manually enter a country.</p> <p>vi. The manual entry of a country must only be allowed when the country is equal to Other.</p>					
16.40 Return Mailing Address (Tag 2.8903)	<p>10. The following buttons must be displayed:</p> <p>a. CLOSE</p> <p>b. DONE</p>	(M)				

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16.40 Return Mailing Address (Tag 2.8903)	11. The EFCD must allow the OLU to select the CLOSE button.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	12. If the OLU selects the CLOSE button, the EFCD must retain the information that has been entered in the Return Mailing Address window and the OLU must be returned to the Demographic Data Capture Screen.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	13. If the CLOSE button is clicked or tapped, an entry for the Return Mailing Address must still be identified as a mandatory requirement.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	14. Upon completion of the return mailing address information, the OLU must be able to select the DONE button:	(M)				
16.40 Return Mailing Address (Tag 2.8903)	15. The DONE button must be greyed out if all mandatory requirements have not been met.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	16. If the OLU selects the DONE button, the EFCD must ensure all mandatory requirements have been met for the Return Mailing Address field.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	17. If the OLU attempts to move forward by use of the DONE button without capturing all mandatory data in the Return Mailing Address screen, the EFCD must place the cursor in the first missing mandatory field.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	18. The OLU must be returned to the Demographic Data Capture Screen upon selection of the DONE button.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.40 Return Mailing Address (Tag 2.8903)	19. Upon completion of the entry in the Return Mailing Address field, a black checkmark must be displayed beside the Return Mailing Address button on the Demographic Data Capture Screen to indicate to the OLU that there is an entry in the Return Mailing Address field.	(M)				
16.40 Return Mailing Address (Tag 2.8903)	20. If there is no entry in the Return Mailing Address field, and the return mailing address is mandatory, a red x must be displayed next to the Return Mailing Address button on the Demographic Data Capture Screen to indicate to the OLU that there isn't an entry in the Return Mailing Address field.	(M)				
<b>16.41 Civil Results Email Address (Tag 2.867)</b>						
16.41 Civil Results Email Address (Tag 2.867)	1. Refer to Figure 13 - Civil Demographic Data Capture.	(I)				
16.41 Civil Results Email Address (Tag 2.867)	2. The Civil Results Email Address is used to identify the email address to which the Civil Product will be returned, when the preferred delivery method is clear text email.	(I)				
16.41 Civil Results Email Address (Tag 2.867)	3. The OLU must be allowed to enter a Civil Results Email address (Tag 2.867) when the Send Results to Source (Tag 2.8900) is equal to Individual (3) or Third-Party Address (4).	(M)				
16.41 Civil Results Email Address (Tag 2.867)	4. The Civil Results Email address must be greyed out if the Send Result to Source (Tag 2.8900) is equal to Contributor (1) or Response to Agency (2).	(M)				

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16.41 Civil Results Email Address (Tag 2.867)	5. If Clear Text Email (Code 1) is selected as the preferred delivery method (Tag 2.866), the OLU must be able to populate the Civil Results Email Address field (Tag 2.867).	(M)				
16.41 Civil Results Email Address (Tag 2.867)	6. The following must be displayed for the Civil Results Email Address field (Tag 2.867). a. Civil Results Email Address b. Confirm Civil Results Email Address	(M)				
16.41 Civil Results Email Address (Tag 2.867)	7. The EFCD must display the following helpful tip for the each of the fields: a. Civil Results Email Address i. Enter the email address of the individual or 3rd party receiving the Civil Product. b. Confirm the Civil Results Email Address i. Re-enter the email address of the individual or 3rd party receiving the Civil Product in order to confirm that input in both fields is the same.	(M)				
16.41 Civil Results Email Address (Tag 2.867)	8. When the email address is entered, the EFCD must validate that the email address in both fields is identical.	(M)				
16.41 Civil Results Email Address (Tag 2.867)	9. As information is being entered, the EFCD must display the input.	(M)				

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16.41 Civil Results Email Address (Tag 2.867)	10. If both entries are not identical, the EFCD must advise the OLU and allow the OLU to modify both or one of the entries.	(M)				
16.41 Civil Results Email Address (Tag 2.867)	11. The EFCD must ensure that the entry conforms to the general format of an email address: a. The email address must contain an @ sign. b. The email address must contain a domain name. c. For example, Local-part@domain	(M)				
16.41 Civil Results Email Address (Tag 2.867)	12. If Paper via Canada Post (Code 3) is selected, the OLU must not be able to populate the Civil Results Email Address field (Tag 2.867).	(M)				
16.41 Civil Results Email Address (Tag 2.867)	13. The Civil Results Email Address field (Tag 2.867) must not be displayed to the OLU when the Preferred Delivery Method is via Canada Post.	(M)				
16.42 Response to Agency Identifier (Tag 2.817)						
16.42 Response to Agency Identifier (Tag 2.817)	1. Refer to Figure 7 - Cardscan Agency Information.	(I)				
16.42 Response to Agency Identifier (Tag 2.817)	2. Refer to Figure 8 - Civil Application Details.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.42 Response to Agency Identifier (Tag 2.817)	3. The response to agency identifier is only used for MAP transactions and it must not be displayed to the OLU for IMM, REF, CARY and CARN transactions.	(M)				
16.42 Response to Agency Identifier (Tag 2.817)	4. The Response to Agency Identifier field (Tag 2.817) must be displayed next to the Send Results To field and must be greyed out and only be available when Response to Agency is chosen.	(M)				
16.42 Response to Agency Identifier (Tag 2.817)	5. Refer to Section 4.9 for the ORI and Agency Name configuration.	(I)				
16.42 Response to Agency Identifier (Tag 2.817)	6. The Authorized Agency list will be provided to Vendors upon request.	(I)				
16.42.1 Current State						
16.42.1 Current State	1. For Current State, the EFCD must only allow the Response to Agency Identifier to be displayed and allow for population when the Application Type is Federal Government Employment (21).	(M)				
16.42.1 Current State	2. Refer to the Supplemental Document to ICD 1.7.8., for Current state requirements.	(I)				
16.42.2 Civil Efficiencies						
16.42.2 Civil Efficiencies	1. For Civil Efficiencies, the EFCD must only allow the Response to Agency Identifier to be displayed and allow for population when:	(M)				

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	<div>a. Federal Government Employment (21); or</div> <div>b. Employment in Vulnerable Sector Indicator (Tag 2.8943) is populated and one of the following:<div><div>i. Vulnerable Sector – Private Employment (7)</div><div>ii. Vulnerable Sector – Provincial Government Employment (20)</div><div>iii. Vulnerable Sector – Other Employment (22)</div><div>iv. Vulnerable Sector – Volunteer Employment (25)</div><div>v. Vulnerable Sector – Other (Specify Reason) (39)</div></div></div>					
16.43 Vulnerable Sector Details (Tag 2.8944)						
16.43 Vulnerable Sector Details (Tag 2.8944)	1. Refer to Figure 14 - Civil VS Demographic Data Capture.	(I)				
16.43 Vulnerable Sector Details (Tag 2.8944)	<div>2. The EFCD must display the Vulnerable Sector Details when Employment in Vulnerable Sector Indicator has been selected for the following application types.</div> <div><div>a. Employment Private (7)</div><div>b. Employment Provincial Government (20)</div><div>c. Employment (Other) (22)</div><div>d. Volunteer Employment (25)</div><div>e. Other (Specify Reason) (39)</div></div>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
16.43 Vulnerable Sector Details (Tag 2.8944)	3. The Vulnerable Sector Details sub-fields must be grouped together on screen and must be surrounded by a border to indicate to the OLU that they are part of the same field.	(M)				
16.43 Vulnerable Sector Details (Tag 2.8944)	4. The following sub-fields must be displayed for Vulnerable Sector Details: a. Vulnerable Sector Details i. Description of Position ii. Name of Person or Organization iii. Description or Details Regarding Children or Vulnerable Person(s)	(M)				
16.44 Details of Information Sought (Tag 2.873)						
16.44 Details of Information Sought (Tag 2.873)	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.44 Details of Information Sought (Tag 2.873)	2. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				
16.44 Details of Information Sought (Tag 2.873)	3. The Details of Information Sought field must be auto-populated with "ALL RCMP HOLDINGS", only be visible to the OLU and be displayed below the application type field for the following MAP Application Type: a. Criminal Record Check for Personal Use i. Sub-type – Other (Provide Details)	(M)				

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16.44 Details of Information Sought (Tag 2.873)	4. The Details of Information Sought field must not be editable by the OLU and must be greyed out for all other application types.	(M)				
<b>16.45 Language of Results (Tag 2.833)</b>						
16.45 Language of Results (Tag 2.833)	5. There must be a configurable parameter set to “As Is” and when set must set the Language of Results to “As Is” and not displayed the field to the user.	(M)				
<b>16.46 Application Type Specify (Tag 2.850)</b>						
16.46 Application Type Specify (Tag 2.850)	1. Refer to Figure 8 - Civil Application Details.	(I)				
16.46 Application Type Specify (Tag 2.850)	2. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				
16.46 Application Type Specify (Tag 2.850)	3. The Application Type Specify field must be displayed on screen if the application type chosen triggers this conditional mandatory field; otherwise it must be greyed out.	(M)				
16.46 Application Type Specify (Tag 2.850)	4. The field must be displayed to the OLU as Name of Company/Agency and Position Title.	(M)				

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16.46 Application Type Specify (Tag 2.850)	5. The Application Type Specify field must be an editable field.	(M)				
<b>16.47 Volunteer Confirmation Letter Verified Indicator (Tag 2.871)</b>						
16.47 Volunteer Confirmation Letter Verified Indicator (Tag 2.871)	1. Refer to Figure 9 - Civil Efficiencies Application Type Details.	(I)				
16.47 Volunteer Confirmation Letter Verified Indicator (Tag 2.871)	2. The Volunteer Confirmation Letter Verified Indicator must be displayed as a check box.	(M)				
16.47 Volunteer Confirmation Letter Verified Indicator (Tag 2.871)	3. The Volunteer Confirmation Letter Verified Indicator must be displayed if the application type chosen triggers this conditional mandatory field; otherwise it must be greyed out.	(M)				
<b>16.48 Telephone Number (Tag 2.8934)</b>						
16.48 Telephone Number (Tag 2.8934)	1. Refer to Figure 13 - Civil Demographic Data Capture.	(I)				

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16.48 Telephone Number (Tag 2.8934)	2. The Telephone Number field must only be made available for MAP transactions.	(M)				
16.48 Telephone Number (Tag 2.8934)	3. The telephone number must be displayed in the standard phone number format: a. nnn-nnn-nnnn b. The hyphen must be displayed to the OLU. c. The EFCD must allow the OLU to enter the telephone number without the OLU having to enter hyphens by auto-advancing the cursor.	(M)				
16.48 Telephone Number (Tag 2.8934)	4. The telephone number and extension must be displayed as: a. Telephone Number: -nnn-nnn-nnnn b. Extension: nnnnn	(M)				
16.48 Telephone Number (Tag 2.8934)	5. The EFCD must remove the dashes prior to submitting the NIST file to the RTID system.	(M)				
16.49 Payment Type (Tag 2.838)						
16.49 Payment Type (Tag 2.838)	1. The payment type is only used for MAP transactions.	(I)				
16.49 Payment Type (Tag 2.838)	2. The payment type is always pre-set to 4 and must not be displayed to the OLU.	(M)				

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<b>16.50 Bulk Billing Agency Identifier (Tag 2.849)</b>						
16.50 Bulk Billing Agency Identifier (Tag 2.849)	1. The bulk billing agency identifier is only used for MAP transactions.	(I)				
16.50 Bulk Billing Agency Identifier (Tag 2.849)	2. The bulk billing agency identifier must be populated with the ORI in Tag 1.008 (Originating Agency Identifier).	(M)				
16.50 Bulk Billing Agency Identifier (Tag 2.849)	3. The bulk billing agency identifier must not be displayed to the OLU.	(M)				
<b>16.51 Notepad Message (Tag 2.826)</b>						
16.51 Notepad Message (Tag 2.826)	1. The notepad message must not be implemented for this NMSO.	(M)				
<b>16.52 Narrative Message (Tag 2.827)</b>						
16.52 Narrative Message (Tag 2.827)	1. For the purposes of this NMSO, the narrative message field (Tag 2.827) must only be displayed and implemented for incoming EFCD transactions for the Refugee Workflow.	(M)				
16.52 Narrative Message (Tag 2.827)	2. Narrative Message (Tag 2.827) must not be sent as part of the NIST packet to the RTID System.	(M)				

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16.52 Narrative Message (Tag 2.827)	3. Refer to Section 20 EFCD REFUGEE workflow for further information.	(I)				
<b>16.53 Father's Name (Tag 2.8924)</b>						
16.53 Father's Name (Tag 2.8924)	1. The EFCD must allow the OLU to enter the individual's father's name on the Demographic Data Capture Screen and this information must be visible to the OLU.	(M)				
16.53 Father's Name (Tag 2.8924)	2. The sub-fields associated to Father's Name must be displayed in a group box labelled "Father's Name, and displayed in the following order. a. Father's Name i. Surname ii. Given Name 1 iii. Given Name 2 iv. Given Name 3 v. Given Name 4	(M)				
<b>16.54 Mother's Name (Tag 2.8925)</b>						
16.54 Mother's Name (Tag 2.8925)	1. The EFCD must allow the OLU to enter the individual's mother's name on the Demographic Data Capture Screen and this information must be visible to the OLU.	(M)				
16.54 Mother's Name (Tag 2.8925)	2. The sub-fields associated to Mother's Name must be displayed in a group box labelled Mother's Name, and displayed in the following order. a. Mother's Name	(M)				

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	i. Surname ii. Given Name 1 iii. Given Name 2 iv. Given Name 3 v. Given Name 4					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
17.1 Criminal Charges Workflow						
17.1 Criminal Charges Workflow	1. The following information provides details on the requirements for the Criminal Charges transaction.	(I)				
17.1 Criminal Charges Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality. b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality. c. Refer to Section 4.4 for TCN and DCN information and screen appearance. d. Refer to Section 4.5 for Vendor name placement. e. Refer to Section 4.6 for workflow manager buttons appearance and functionality and navigation of screens.	(I)				

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	<ul style="list-style-type: none"><li>f. Refer to Section 4.7 for workflow status menu appearance and functionality.</li><li>g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.</li></ul>					
17.1.1 Livescan						
17.1.1 Livescan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Criminal Charges workflow on the Livescan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Demographic Data Capture</li><li>b. Photo Capture</li><li>c. Fingerprint Capture</li><li>d. Palm Print Capture</li><li>e. Fingerprint Summary</li><li>f. Submit</li></ul></li></ul>	(M)				
17.1.2 Cardscan						
17.1.2 Cardscan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Criminal Charges workflow on the Cardscan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Agency Information</li><li>b. Demographic Data Capture</li><li>c. Photo Capture</li><li>d. Fingerprint Capture</li><li>e. Palm Print Capture</li><li>f. Submit</li></ul></li></ul>	(M)				

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17.2 Agency Information Details						
17.2.1 Livescan						
17.2.1 Livescan	1. Not applicable.	(I)				
17.2.2 Cardscan						
17.2.2 Cardscan	1. Refer to Section 8 for the Agency Information requirements.	(I)				
17.3 EFCD Demographic Data Capture						
17.3 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
17.3 EFCD Demographic Data Capture	2. Table 13 - Criminal Charges Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Data screen for the Criminal Charges workflow.	(M)				
17.3 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as. b. Reference Information	(M)				

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	<div><div><div>i. Refer to the sections identified for layout and reference information.</div><div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</div></div><div>c. Livescan<div><div>i. If there is a ✓ in the column, the field name must be displayed on the Livescan.</div><div>ii. If the field is blank, the field name must not be displayed on the Livescan</div></div></div><div>d. Cardscan<div><div>i. If there is a ✓ in the column, the field name must be displayed on the Cardscan.</div><div>ii. If the field is blank, the field name must not be displayed on the Cardscan</div></div></div></div>					
17.4 Photo Capture Requirements						
17.4.1 Livescan						
17.4.1 Livescan	1. Refer to Section 11.1 for the Livescan Photo Capture requirements.	(I)				
17.4.2 Cardscan						
17.4.2 Cardscan	1. Refer to section 11.2 for the Cardscan Photo Capture requirements.	(I)				

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17.5 Fingerprint Capture Requirements						
17.5.1 Livescan						
17.5.1 Livescan	1. Refer to Section 12.1 for Livescan Fingerprint Capture requirements.	(I)				
17.5.2 Cardscan						
17.5.2 Cardscan	1. Refer to Section 12.2 for Cardscan fingerprint capture requirements.	(I)				
17.6 Palm Print Capture Requirements						
17.6.1 Livescan						
17.6.1 Livescan	1. Refer to Section 12.1.1.2 for Livescan Palm Print capture requirements.	(I)				
17.6.2 Cardscan						
17.6.2 Cardscan	1. Refer to Section 12.2.1.3 for Cardscan Palm Print Capture requirements.	(I)				
17.7 Fingerprint Summary						
17.7.1 Livescan						
17.7.1 Livescan	1. Refer to Section 12.1.1.3 for information on the Fingerprint Summary screen.	(I)				
17.7.2 Cardscan						
17.7.2 Cardscan	1. Not applicable.	(I)				

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<b>17.8 Submit</b>						
<b>17.8.1 Livescan</b>						
17.8.1 Livescan	1. Refer to Section 14.1 for information on the submit functionality.	(I)				
17.8.1 Livescan	2. In addition to the requirements outlined in Section 5.1.4.7, the Livescan must allow the OLU to place a transaction into a state of Pending Sworn Charges.	(M)				
17.8.1 Livescan	3. After the completion of the transaction and once the SUBMIT Button has been clicked or tapped, a dialog box must appear to the OLU with the message "Have the charges associated to this transaction been sworn in court?" a. There must be 2 options made available to the OLU;	(M)				
17.8.1 Livescan	i. Yes - Submit					
17.8.1 Livescan	ii. No - Still Pending Sworn Charges					
17.8.1 Livescan	4. If Yes is selected, the transaction must be submitted to the RTID System for search.	(M)				
17.8.1 Livescan	5. If No is selected, the transaction must be placed in the Pending Sworn Charges state in the Transaction Manager and the CARY must not be submitted to the RTID System for search.	(M)				
<b>17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY</b>						
17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY	1. As part of an investigation to determine if an individual has a criminal record, the agency must have the ability to identify the individual prior to the information being sworn.	(I)				

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17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY	2. If No has been selected, the Livescan must allow the OLU to generate a CARN transaction.	(M)				
17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY	3. The Livescan must display the following message “The Criminal Charges transaction has been placed in a Pending Sworn Charges State. Is a Criminal Record Inquiry required at this time to identify the individual?” a. There must be 2 options made available to the OLU;	(M)				
17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY	i. Yes – Create a Criminal Record Inquiry to submit to the RTID System.					
17.8.1.1 Creation of a Criminal Record Inquiry (CARN) From A CARY	ii. No – A Criminal Record Inquiry is not required					
<b>17.8.1.1.1 If YES Is Selected</b>						
17.8.1.1.1 If YES Is Selected	1. If Yes is selected, the message must disappear and the Livescan must generate a Criminal Record Inquiry (CARN) transaction.	(M)				
<b>17.8.1.1.2 If No Is Selected</b>						
17.8.1.1.2 If No Is Selected	1. If No is selected, the message must disappear and the OLU must remain on the Submit Screen.	(M)				

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<b>17.8.1.1.2.1 Demographic Information Copy</b>						
17.8.1.1.2.1 Demographic Information Copy	1. The Livescan must generate a CARN transaction and generate a new DCN/TCN.	(M)				
17.8.1.1.2.1 Demographic Information Copy	2. The Livescan must copy the CARY demographic information that is required into a CARN transaction.	(M)				
17.8.1.1.2.1 Demographic Information Copy	3. Table 14 - CARY and CARN Type 1 and Type 2 Data Comparison must be used as a reference for the copy of the applicable Type 1 and Type 2 data from a CARY transaction to a CARN transaction.	(M)				
<b>17.8.1.1.2.2 Photo Copy</b>						
17.8.1.1.2.2 Photo Copy	1. The Livescan must not copy the Type-10 record to the CARN.	(M)				
<b>17.8.1.1.2.3 Fingerprint Capture and Palm Print Capture Copy</b>						
17.8.1.1.2.3 Fingerprint Capture and Palm Print Capture Copy	1. The Livescan must copy the Type-4 record.	(M)				
17.8.1.1.2.3 Fingerprint Capture and	2. The Livescan must copy the Type-15 record.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 17. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Palm Print Capture Copy						
17.8.1.1.2.4 Copy of Data Complete						
17.8.1.1.2.4 Copy of Data Complete	1. Once all the data and required fingerprint images have been copied, the Livescan must allow the user to submit the transaction for search from the SUBMIT screen.	(M)				
17.8.1.1.2.4 Copy of Data Complete	2. Refer to Section 14.1 for information on the submit functionality.	(I)				
17.8.2 Cardscan						
17.8.2 Cardscan	1. Refer to Section 14.2 for information on the submit functionality.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
18.1 Deportee Workflow						
18.1 Deportee Workflow	1. The following information provides details on the requirements for the Deportee transaction.	(I)				
18.1 Deportee Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality.</li><li>c. Refer to Section 4.4 for TCN and DCN information and screen appearance.</li><li>d. Refer to Section 4.5 for Vendor name placement.</li><li>e. Refer to Section 4.6 for workflow buttons appearance and functionality and navigation of screens.</li><li>f. Refer to Section 4.7 for workflow status menu appearance and functionality.</li><li>g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.</li></ul>					
18.1.1 Livescan						
18.1.1 Livescan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Deportee workflow on the Livescan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Demographic Data Capture</li><li>b. Photo Capture</li><li>c. Fingerprint Capture</li><li>d. Palm Print Capture</li><li>e. Fingerprint Summary</li><li>f. Submit</li></ul></li></ul>	(M)				
18.1.2 Cardscan						
18.1.2 Cardscan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Deportee workflow on the Cardscan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Agency Information Details</li></ul></li></ul>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. Demographic Data Capture c. Photo Capture d. Fingerprint Capture e. Palm Print Capture f. Photo Capture g. Submit					
18.2 Agency Information Details						
18.2.1 Livescan						
18.2.1 Livescan	1. Not applicable.	(I)				
18.2.2 Cardscan						
18.2.2 Cardscan	1. Refer to Section 8 for the Agency Information requirements.	(I)				
18.3 EFCD Demographic Data Capture						
18.3 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
18.3 EFCD Demographic Data Capture	2. Table 15 - Deportee Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Data screen for the Criminal Deportee workflow.	(M)				
18.3 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>and not as a reference for what the field name must be displayed as.</div> <div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as.</div> <div>b. Reference Information</div> <div>i. Refer to the sections identified for layout and reference information.</div> <div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</div> <div>c. Livescan</div> <div>i. If there is a ✓ in the column, the field name must be displayed on the Livescan.</div> <div>ii. If the field is blank, the field name must not be displayed on the Livescan</div> <div>d. Cardscan</div> <div>i. If there is a ✓ in the column, the field name must be displayed on the Cardscan.</div> <div>ii. If the field is blank, the field name must not be displayed on the Cardscan.</div>					
18.4 Photo Capture Requirements						
18.4.1 Livescan						
18.4.1 Livescan	1. Refer to Section 11.1 for the Livescan Photo Capture requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
18.4.2 Cardscan						
18.4.2 Cardscan	1. Refer to Section 11.2 for the Cardscan Photo Capture requirements.	(I)				
18.5 Fingerprint Capture Requirements						
18.5.1 Livescan						
18.5.1 Livescan	1. Refer to Section 12.1 for the Livescan Fingerprint Capture requirements.	(I)				
18.5.2 Cardscan						
18.5.2 Cardscan	1. Refer to Section 12.2 for the Cardscan Fingerprint Capture requirements.	(I)				
18.6 Palm Print Capture Requirements						
18.6.1 Livescan						
18.6.1 Livescan	1. Refer to Section 12.1.1.2 for the Livescan Palm Print Capture requirements.	(I)				
18.6.2 Cardscan						
18.6.2 Cardscan	1. Refer to Section 12.2.1.3 for the Cardscan Palm Print Capture requirements.	(I)				
18.7 Fingerprint Summary						
18.7.1 Livescan						
18.7.1 Livescan	1. Refer to Section 12.1.1.3.1 for the Livescan Fingerprint Summary requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 18. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
18.7.2 Cardscan						
18.7.2 Cardscan	1. Not applicable.	(I)				
18.8 Submit						
18.8.1 Livescan						
18.8.1 Livescan	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
18.8.2 Cardscan						
18.8.2 Cardscan	1. Refer to Section 14.2 for the Cardscan Submit requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
19.1 Criminal Record Inquiry Workflow						
19.1 Criminal Record Inquiry Workflow	1. The following information provides details on the requirements for the Criminal Record Inquiry Workflow.	(I)				
19.1 Criminal Record Inquiry Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality.</li><li>c. Refer to Section 4.4 for TCN and DCN information and screen appearance.</li><li>d. Refer to Section 4.5 for Vendor name placement.</li><li>e. Refer to Section 4.6 for workflow buttons appearance and functionality and navigation of screens.</li><li>f. Refer to Section 4.7 for workflow status menu appearance and functionality.</li><li>g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.</li></ul>					
19.1.1 Livescan						
19.1.1 Livescan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Criminal Record Inquiry on the Livescan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Demographic Data Capture</li><li>b. Photo Capture</li><li>c. Fingerprint Capture</li><li>d. Palm Print Capture</li><li>e. Fingerprint Summary</li><li>f. Submit</li></ul></li></ul>	(M)				
19.1.2 Cardscan						
19.1.2 Cardscan	<ul style="list-style-type: none"><li>1. The screens listed are part of the Criminal Record Inquiry on the Cardscan and must be displayed to the OLU in the following order:<ul style="list-style-type: none"><li>a. Demographic Data Capture</li></ul></li></ul>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	b. Photo Capture c. Fingerprint Capture d. Palm Print Capture e. Submit					
19.2 EFCD Demographic Data Capture						
19.2 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
19.2 EFCD Demographic Data Capture	2. Table 16 - Criminal Record Inquiry Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Screen for the Criminal Record Inquiry workflow.	(M)				
19.2 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as. b. Reference Information i. Refer to the sections identified for layout and reference information. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>c. Livescan</p> <p>i. If there is a √ in the column, the field name must be displayed on the Livescan.</p> <p>ii. If the field is blank, the field name must not be displayed on the Livescan</p> <p>d. Cardscan</p> <p>i. If there is a √ in the column, the field name must be displayed on the Cardscan.</p> <p>ii. If the field is blank, the field name must not be displayed on the Cardscan.</p>					
<b>19.3 Photo Capture Requirements</b>						
<b>19.3.1 Livescan</b>						
19.3.1 Livescan	1. Refer to Section 11.1 for the Livescan Photo Capture Requirements.	(I)				
19.3.1 Livescan	2. During the photo capture process, the Livescan must display in the 'helpful tips' that the photo(s) will not be submitted to the RTID System.	(M)				
19.3.1 Livescan	3. The Livescan must not transmit the Type-10 record in the NIST packet for the Criminal Record Inquiry transaction.	(M)				
19.3.1 Livescan	4. The photos must be stored locally on the Livescan until the transaction is deleted.	(M)				
<b>19.3.2 Cardscan</b>						
19.3.2 Cardscan	1. Refer to Section 11.2.1.1.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>19.4 Fingerprint Capture Requirements</b>						
<b>19.4.1 Livescan</b>						
19.4.1 Livescan	1. Refer to Section 12.1 for the Livescan Fingerprint Capture requirements.	(I)				
<b>19.4.2 Cardscan</b>						
19.4.2 Cardscan	1. Refer to Section 12.2.1.1 for the Cardscan Fingerprint Capture requirements.	(I)				
<b>19.5 Palm Print Capture Requirements</b>						
<b>19.5.1 Livescan</b>						
19.5.1 Livescan	1. Refer to Section 12.1.1.2 for the Livescan Palm Print Capture requirements.	(I)				
<b>19.5.2 Cardscan</b>						
19.5.2 Cardscan	1. Refer to Section 12.2.1.3 for the Cardscan Palm Print Capture requirements.	(I)				
<b>19.6 Fingerprint Summary</b>						
<b>19.6.1 Livescan</b>						
19.6.1 Livescan	1. Refer to Section 12.1.1.3.1 for the Livescan Fingerprint Summary requirements.	(I)				
<b>19.6.2 Cardscan</b>						
19.6.2 Cardscan	1. Not applicable	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 19. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
19.7 Submit						
19.7.1 Livescan						
19.7.1 Livescan	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
19.7.2 Cardscan						
19.7.2 Cardscan	1. Refer to Section 14.2 for the Cardscan Submit requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
20.1 Refugee Workflow						
20.1 Refugee Workflow	1. The following information provides details on the requirements for the Refugee transaction.	(I)				
20.1 Refugee Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality. b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality. c. Refer to Section 4.4 for TCN and DCN information and screen appearance. d. Refer to Section 4.5 for Vendor name placement.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>e. Refer to Section 4.6 for workflow buttons appearance and functionality and navigation of screens.</div> <div>f. Refer to Section 4.7 for workflow status menu appearance and functionality.</div> <div>g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.</div>					
20.1.1 Livescan						
20.1.1 Livescan	<div>1. The screens listed are part of the Refugee workflow on the Livescan and must be displayed to the OLU in the following order:</div> <div>a. Agency Information Details</div> <div>b. Demographic Data Capture</div> <div>c. Photo Capture</div> <div>d. Fingerprint Capture</div> <div>e. Palm Print Capture</div> <div>f. Fingerprint Summary</div> <div>g. Submit</div>	(M)				
20.1.2 Cardscan						
20.1.2 Cardscan	<div>1. The screens listed are part of the Refugee workflow on the Cardscan and must be displayed to the OLU in the following order:</div> <div>a. Agency Information Details</div> <div>b. Demographic Data Capture</div> <div>c. Photo Capture</div> <div>d. Fingerprint Capture</div>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	e. Palm Print Capture f. Submit					
20.2 On-Behalf-Of Agency Details						
20.2.1 Livescan						
20.2.1 Livescan	1. Refer to Section 8 for the Agency Information requirements.	(I)				
20.2.2 Cardscan						
20.2.2 Cardscan	1. Refer to Section 8 for the Agency Information requirements.	(I)				
20.3 EFCD Demographic Data Capture						
20.3 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
20.3 EFCD Demographic Data Capture	2. Table 17 - Refugee Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Screen for the Refugee workflow.	(M)				
20.3 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>b. Reference Information</div> <div><div>i. Refer to the sections identified for layout and reference information.</div><div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</div></div> <div>c. Livescan</div> <div><div>i. If there is a √ in the column, the field name must be available on the Livescan.</div><div>ii. If the field is blank, the field name must not be available on the Livescan</div></div> <div>d. Cardscan</div> <div><div>i. If there is a √ in the column, the field name must be available on the Cardscan.</div><div>ii. If the field is blank, the field name must not be available on the Cardscan.</div></div>					
20.4 Photo Capture Requirements						
20.4.1 Livescan						
20.4.1 Livescan	1. Refer to Section 11.1 for the Livescan Photo Capture requirements	(I)				
20.4.2 Cardscan						
20.4.2 Cardscan	1. Refer to Section 11.2 for the Cardscan Photo Capture requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
20.5 Fingerprint Capture Requirements						
20.5.1 Livescan						
20.5.1 Livescan	1. Refer to Section 12.1 for the Livescan Fingerprint Capture requirements.	(I)				
20.5.2 Cardscan						
20.5.2 Cardscan	1. Refer to Section 12.2 for the Cardscan Fingerprint Capture requirements.	(I)				
20.6 Palm Print Capture Requirements						
20.6.1 Livescan						
20.6.1 Livescan	1. Refer to Section 12.1.1.2 for the Livescan Palm Print Capture requirements.	(I)				
20.6.2 Cardscan						
20.6.2 Cardscan	1. Refer to Section 12.2.1.3 for the Cardscan Palm Print Capture requirements.	(I)				
20.7 Fingerprint Summary						
20.7.1 Livescan						
20.7.1 Livescan	1. Refer to Section 12.1.1.3.1 for the Livescan Fingerprint Summary requirements.	(I)				
20.7.2 Cardscan						
20.7.2 Cardscan	1. Not applicable.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 20. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
20.8 Submit						
20.8.1 Livescan						
20.8.1 Livescan	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
20.8.2 Cardscan						
20.8.2 Cardscan	1. Refer to Section 14.2 for the Cardscan submit requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 21. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
21.1 Immigration Workflow						
21.1 Immigration Workflow	1. The following information provides details on the requirements for the Immigration transaction.	(I)				
21.1 Immigration Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality. b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality. c. Refer to Section 4.4 for TCN and DCN information and screen appearance.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 21. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	d. Refer to Section 4.5 for Vendor name placement. e. Refer to Section 4.6 for workflow buttons appearance and functionality and navigation of screens. f. Refer to Section 4.7 for workflow status menu appearance and functionality.					
21.1.1 Livescan						
21.1.1 Livescan	1. The screens listed are part of the Immigration workflow on the Livescan and must be displayed to the OLU in the following order: a. Demographic Data Capture b. Photo Capture c. Fingerprint Capture d. Fingerprint Summary e. Submit	(M)				
21.2 Livescan Demographic Data Capture						
21.2 Livescan Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
21.2 Livescan Demographic Data Capture	2. Table 18 - Immigration Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Data screen for the Immigration workflow.	(M)				
21.2 Livescan Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 21. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>and not as a reference for what the field name must be displayed as.</div> <div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as. (M)</div> <div>b. Reference Information</div> <div>i. Refer to the sections identified for layout and reference information.</div> <div>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</div> <div>c. Livescan</div> <div>i. If there is a ✓ in the column, the field name must be available on the Livescan.</div> <div>ii. If the field is blank, the field name must not be available on the Livescan.</div>					
21.3 Photo Capture Requirements						
21.3.1 Livescan						
21.3.1 Livescan	1. Refer to Section 11.1 for the Livescan Photo Capture requirements.	(I)				
21.3.1 Livescan	2. The Livescan must not transmit the Type-10 record in the NIST packet for the IMM transaction.	(M)				
21.3.1 Livescan	3. The photos must be stored locally on the Livescan until the transaction is deleted.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 21. L						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
21.4 Fingerprint Capture Requirements						
21.4.1 Livescan						
21.4.1 Livescan	1. Refer to Section 12.1.1.1.3 for the Livescan ID Flats Capture requirements.	(I)				
21.5 Fingerprint Summary						
21.5.1 Livescan						
21.5.1 Livescan	1. Refer to Section 12.1.1.3.2 for the Livescan Fingerprint Summary requirements.	(I)				
21.6 Submit						
21.6.1 Livescan						
21.6.1 Livescan	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.1 Civil Application Workflow						
22.1 Civil Application Workflow	1. The following information provides details on the requirements for the Civil Application transaction.	(I)				
22.1 Civil Application Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality. b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality. c. Refer to Section 4.4 for TCN and DCN information and screen appearance. d. Refer to Section 4.6 for workflow buttons appearance and functionality. e. Refer to Section 4.5 for Vendor name placement. f. Refer to Section 4.7 for workflow status menu appearance and functionality and navigation of screens. g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.	(I)				
22.1.1 Livescan						
22.1.1.1 Current State and Civil Efficiencies						
22.1.1.1 Current State and Civil Efficiencies	1. The screens listed are part of the Civil Application workflow on the Livescan and must be displayed to the OLU in the following order: a. Agency Information Details b. Application Type Details	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c. Demographic Data Capture d. Photo Capture e. Fingerprint Capture f. Fingerprint Summary g. Consent h. Submit					
22.1.2 Cardscan						
22.1.2.1 Current State and Civil Efficiencies						
22.1.2.1 Current State and Civil Efficiencies	1. The screens listed are part of the Civil Application workflow on the Cardscan and must be displayed to the OLU in the following order: a. Agency Information Details b. Application Type Details c. Demographic Data Capture d. Fingerprint Capture e. Consent f. Photo Capture g. Submit	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.2 Agency Information Details						
22.2.1 Livescan						
22.2.1.1 Current State and Civil Efficiencies						
22.2.1.1 Current State and Civil Efficiencies	1. Refer to Section 8 for the Agency Information requirements.	(I)				
22.2.2 Cardscan						
22.2.2.1 Current State and Civil Efficiencies						
22.2.2.1 Current State and Civil Efficiencies	1. Refer to Section 8 for the Agency Information requirements.	(I)				
22.3 Application Type Details						
22.3.1 EFCD Screen Layout						
22.3.1 EFCD Screen Layout	1. Refer to Section 9 for Application Type Details screen appearance and functionality.	(I)				
22.3.1 EFCD Screen Layout	2. Table 19 - Civil Application - Application Type Details Layout must be used as a reference for the layout the field that must appear on the Demographic Screen for the Civil Application workflow.	(M)				
22.3.1 EFCD Screen Layout	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>and not as a reference for what the field name must be displayed as.</p> <p>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as.</p> <p>b. Reference Information</p> <p>i. Refer to the sections identified for layout and reference information.</p> <p>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</p> <p>c. Livescan</p> <p>i. The Livescan column is divided into two columns:</p>					
22.3.1 EFCD Screen Layout	1) CS – Current State					
22.3.1 EFCD Screen Layout	<p>2) CE – Civil Efficiencies</p> <p>ii. If there is a √ in the column, the field name must be available on the Livescan for CS and/or CE.</p> <p>iii. If the field is blank, the field name must not be available on the Livescan for CS and/or CE.</p> <p>d. Cardscan</p> <p>i. The Cardscan column is divided into two columns:</p>					
22.3.1 EFCD Screen Layout	1) CS – Current State					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.3.1 EFCD Screen Layout	2) CE – Civil Efficiencies ii. If there is a √ in the column, the field name must be available on the Cardscan for CS and/or CE. iii. If the field is blank, the field name must not be available on the Cardscan for CS and/or CE.					
22.4 EFCD Demographic Data Capture						
22.4 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
22.4 EFCD Demographic Data Capture	2. Table 20 - Civil Application Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Screen for the Civil Application Workflow.					
22.4 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as. b. Reference Information i. Refer to the sections identified for layout and reference information.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</li><li>c. Livescan<ul style="list-style-type: none"><li>i. The Livescan column is divided into two columns:</li></ul></li></ul>					
22.4 EFCD Demographic Data Capture	1) CS – Current State					
22.4 EFCD Demographic Data Capture	2) CE – Civil Efficiencies <ul style="list-style-type: none"><li>ii. If there is a √ in the column, the field must be displayed on the Livescan for CS and/ or CE.</li><li>iii. If the field is blank, the field name must not be displayed on the Livescan for CS and/or CE.</li><li>d. Cardscan<ul style="list-style-type: none"><li>i. The Cardscan column is divided into two columns:</li></ul></li></ul>					
22.4 EFCD Demographic Data Capture	1) CS – Current State					
22.4 EFCD Demographic Data Capture	2) CE – Civil Efficiencies <ul style="list-style-type: none"><li>ii. If there is a √ in the column, the field must be displayed on the Cardscan for CS and/ or CE.</li><li>iii. If the field is blank, the field must not be displayed on the Cardscan for CS and/or CE.</li></ul>					

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.5 Photo Capture Requirements						
22.5.1 Livescan						
22.5.1.1 Current State and Civil Efficiencies						
22.5.1.1 Current State and Civil Efficiencies	1. Refer to Section 11.1 for Livescan Photo Capture requirements.	(I)				
22.5.2 Cardscan						
22.5.2.1 Current State and Civil Efficiencies						
22.5.2.1 Current State and Civil Efficiencies	1. Refer to Section 11.2 for Cardscan Photo Capture requirements.	(I)				
22.6 Fingerprint Capture Requirements						
22.6.1 Livescan						
22.6.1.1 Current State and Civil Efficiencies						
22.6.1.1.1 Fingerprint Capture Type Requirements						
22.6.1.1.1 Fingerprint Capture Type Requirements	1. Refer to Section 9.1.1.4 for information on the Fingerprint Capture Type.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 22. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.6.1.2 Rolled and Plain Capture						
22.6.1.2 Rolled and Plain Capture	1. Refer to Section 12.1.1.1.2 for information on the Rolled and Plain Capture requirements.	(I)				
22.6.1.3 ID Flats Capture						
22.6.1.3 ID Flats Capture	1. Refer to Section 12.1.1.1.3 for information on the ID Flats capture requirements.	(I)				
22.6.2 Cardscan						
22.6.2.1 Current State and Civil Efficiencies						
22.6.2.1.1 Fingerprint Capture Type Requirements						
22.6.2.1.1 Fingerprint Capture Type Requirements	1. Refer to Section 9.1.1.4 for information on the Fingerprint Capture Type.	(I)				
22.6.2.2 Rolled and Plain Capture						
22.6.2.2 Rolled and Plain Capture	1. Refer to Section 12.2.1.1 for information on the Rolled and Plain capture requirements.	(I)				
22.6.2.3 ID Flats Capture						
22.6.2.3 ID Flats Capture	1. Refer to Section 12.2.1.2 for information on the ID Flats capture requirements.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.7 Fingerprint Summary						
22.7.1 Livescan						
22.7.1.1 Current State and Civil Efficiencies						
22.7.1.1.1 Fingerprint Summary for Rolled and Plain						
22.7.1.1.1 Fingerprint Summary for Rolled and Plain	1. Refer to Section 12.1.1.3.1 for information on the Fingerprint Summary requirements.	(I)				
22.7.1.1.2 Fingerprint Summary for ID Flats						
22.7.1.1.2 Fingerprint Summary for ID Flats	1. Refer to Section 12.1.1.3.2 for information on the Fingerprint Summary requirements.	(I)				
22.7.2 Cardscan						
22.7.2.1 Current State and Civil Efficiencies						
22.7.2.1 Current State and Civil Efficiencies	1. Not applicable.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.8 Consent Capture Requirements						
22.8.1 Livescan						
22.8.1.1 Current State						
22.8.1.1 Current State	1. Refer to Section 16.39.1 for information on the Consent requirements.	(I)				
22.8.1.1 Current State	2. Refer to Section 13.1 for information on the Biometric Endorsement Capture requirements.	(I)				
22.8.1.2 Civil Efficiencies						
22.8.1.2 Civil Efficiencies	1. Refer to Section 16.39.3 for information on the Consent requirements.	(I)				
22.8.1.2 Civil Efficiencies	2. Refer to Section 13.1 for information on the Biometric Endorsement Capture requirements.	(I)				
22.8.2 Cardscan						
22.8.2.1 Current State						
22.8.2.1 Current State	1. Refer to Section 16.39.2 for information on the Consent requirements.	(I)				
22.8.2.1 Current State	2. Refer to Section 13.2 for information on the Biometric Endorsement Capture.	(I)				
22.8.2.2 Civil Efficiencies						
22.8.2.2 Civil Efficiencies	1. Refer to Section 16.39.4 for information on the Consent requirements.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
22.8.2.2 Civil Efficiencies	2. Refer to Section 13.2 for information on the Biometric Endorsement Capture.	(I)				
22.9 Submit						
22.9.1 Livescan						
22.9.1.1 Current State and Civil Efficiencies						
22.9.1.1 Current State and Civil Efficiencies	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
22.9.2 Cardscan						
22.9.2.1 Current State and Civil Efficiencies						
22.9.2.1 Current State and Civil Efficiencies	1. Refer to Section 14.2 for the Cardscan Submit requirements.	(I)				
Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.1 Civil Vulnerable Sector Application Workflow						
23.1 Civil Vulnerable Sector Application Workflow	1. The following information provides details on the requirements for the Civil Vulnerable Sector Application transaction.	(I)				
23.1 Civil Vulnerable Sector Application Workflow	2. Refer to the following sections for the structure of the workflow. a. Refer to Section 4.2 for EFCD workflow screen header appearance and functionality. b. Refer to Section 4.3 for EFCD workflow helpful tips appearance and functionality. c. Refer to Section 4.4 for TCN and DCN information and screen appearance. d. Refer to Section 4.5 for Vendor name placement. e. Refer to Section 4.6 for workflow buttons appearance and functionality and navigation of screens. f. Refer to Section 4.7 for workflow status menu appearance and functionality. g. Refer to Section 4.8 for Cardscan creating a Cardscan transaction.	(I)				
23.1.1 Livescan						
23.1.1.1 Current State and Civil Efficiencies						
23.1.1.1 Current State and Civil Efficiencies	1. The screens listed are part of the Civil Vulnerable Sector Application workflow on the Livescan and must be displayed to the OLU in the following order:	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>a. Agency Information Details</div> <div>b. Application Type Details</div> <div>c. Demographic Data Capture</div> <div>d. Photo Capture</div> <div>e. Fingerprint Capture</div> <div>f. Fingerprint Summary</div> <div>g. Consent</div> <div>h. Submit</div>					
23.1.2 Cardscan						
23.1.2.1 Current State and Civil Efficiencies						
23.1.2.1 Current State and Civil Efficiencies	<div>1. The screens listed are part of the Civil Vulnerable Sector Application workflow on the Cardscan and must be displayed to the OLU in the following order:</div> <div>a. Agency Information Details</div> <div>b. Application Type Details</div> <div>c. Demographic Data Capture</div> <div>d. Fingerprint Capture</div> <div>e. Consent</div> <div>f. Photo Capture</div> <div>g. Submit</div>	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.2 Agency Information Details						
23.2.1 Livescan						
23.2.1.1 Current State and Civil Efficiencies						
23.2.1.1 Current State and Civil Efficiencies	1. Refer to Section 8 for the Agency Information requirements.	(I)				
23.2.2 Cardscan						
23.2.2.1 Current State and Civil Efficiencies						
23.2.2.1 Current State and Civil Efficiencies	1. Refer to Section 8 for the Agency Information requirements.	(I)				
23.3 Application Type Details						
23.3.1 EFCD Screen Layout						
23.3.1 EFCD Screen Layout	1. Refer to Section 9 for the EFCD Application Type Details screen appearance and functionality.	(I)				
23.3.1 EFCD Screen Layout	2. Table 21 - Civil Vulnerable Sector Application - Application Type Details must be used as a reference for the layout of the fields that must appear on the Application Type Details screen for the Civil Application workflow.	(M)				
23.3.1 EFCD Screen Layout	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<p>and not as a reference for what the field name must be displayed as.</p> <p>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as.</p> <p>b. Reference Information</p> <p>i. Refer to the sections identified for layout and reference information.</p> <p>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</p> <p>c. Livescan</p> <p>i. The Livescan column is divided into two columns:</p>					
23.3.1 EFCD Screen Layout	1) CS – Current State					
23.3.1 EFCD Screen Layout	<p>2) CE – Civil Efficiencies</p> <p>ii. If there is a √ in the column, the field name must be displayed on the Livescan for CS and/or CE.</p> <p>iii. If the field is blank, the field name must not be displayed on the Livescan for CS and/or CE.</p> <p>d. Cardscan</p> <p>i. The Cardscan column is divided into two columns:</p>					
23.3.1 EFCD Screen Layout	1) CS – Current State					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.3.1 EFCD Screen Layout	2) CE – Civil Efficiencies ii. If there is a √ in the column, the field must be displayed on the Cardscan for CS and/ or CE. iii. If the field is blank, the field must not be displayed on the Cardscan for CS and/or CE.					
23.4 EFCD Demographic Data Capture						
23.4 EFCD Demographic Data Capture	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
23.4 EFCD Demographic Data Capture	2. Table 22 - Civil Vulnerable Sector Application Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Data Capture screen for the Civil Vulnerable Sector Application workflow.	(M)				
23.4 EFCD Demographic Data Capture	3. Table Column Definitions: a. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as. ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as. b. Reference Information i. Refer to the sections identified for layout and reference information.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for the 'helpful tip' wording.</li><li>c. Livescan<ul style="list-style-type: none"><li>i. The Livescan column is divided into two columns:</li></ul></li></ul>					
23.4 EFCD Demographic Data Capture	1) CS – Current State					
23.4 EFCD Demographic Data Capture	2) CE – Civil Efficiencies <ul style="list-style-type: none"><li>ii. If there is a √ in the column, the field name must be available on the Livescan for CS and/ or CE.</li><li>iii. If the field is blank, the field name must not be available on the Livescan for CS and/or CE.</li></ul> d. Cardscan <ul style="list-style-type: none"><li>i. The Cardscan column is divided into two columns:</li></ul>					
23.4 EFCD Demographic Data Capture	1) CS – Current State					
23.4 EFCD Demographic Data Capture	2) CE – Civil Efficiencies <ul style="list-style-type: none"><li>ii. If there is a √ in the column, the field must be displayed on the Cardscan for CS and/ or CE.</li><li>iii. If the field is blank, the field must not be displayed on the Cardscan for CS and/or CE.</li></ul>					

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.5 Photo Capture Requirements						
23.5.1 Livescan						
23.5.1.1 Current State and Civil Efficiencies						
23.5.1.1 Current State and Civil Efficiencies	1. Refer to Section 11.1 for the Livescan Photo Capture requirements.	(I)				
23.5.2 Cardscan						
23.5.2.1 Current State and Civil Efficiencies						
23.5.2.1 Current State and Civil Efficiencies	1. Refer to Section 11.2 for the Cardscan Photo Capture requirements.	(I)				
23.6 Fingerprint Capture Requirements						
23.6.1 Livescan						
23.6.1.1 Current State and Civil Efficiencies						
23.6.1.1.1 Fingerprint Capture Type Requirements						
23.6.1.1.1 Fingerprint Capture Type Requirements	1. Refer to Section 9.1.1.4 for information on the Fingerprint Capture Type.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>23.6.1.2 Rolled and Plain Capture</b>						
23.6.1.2 Rolled and Plain Capture	1. Refer to Section 12.1.1.1.2 for information on the Rolled and Plain capture requirements.	(I)				
<b>23.6.1.3 ID Flats Capture</b>						
23.6.1.3 ID Flats Capture	1. Refer to Section 12.1.1.1.3 for information on the ID Flats capture requirements.	(I)				
<b>23.6.2 Cardscan</b>						
<b>23.6.2.1 Current State and Civil Efficiencies</b>						
<b>23.6.2.1.1 Fingerprint Capture Type Requirements</b>						
23.6.2.1.1 Fingerprint Capture Type Requirements	1. Refer to Section 9.1.1.4 for information on the Fingerprint Capture Type.	(I)				
<b>23.6.2.2 Rolled and Plain Capture</b>						
23.6.2.2 Rolled and Plain Capture	1. Refer to Section 12.2.1.1 for information on the Rolled and Plain capture requirements.	(I)				
<b>23.6.2.3 ID Flats Capture</b>						
23.6.2.3 ID Flats Capture	1. Refer to Section 12.2.1.2 for information on the ID Flats capture requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.7 Fingerprint Summary						
23.7.1 Livescan						
23.7.1.1 Current State and Civil Efficiencies						
23.7.1.1.1 Fingerprint Summary for Rolled and Plain						
23.7.1.1.1 Fingerprint Summary for Rolled and Plain	1. Refer to Section 12.1.1.3.1 for the Livescan Fingerprint Summary requirements.	(I)				
23.7.1.1.2 Fingerprint Summary for ID Flats						
23.7.1.1.2 Fingerprint Summary for ID Flats	1. Refer to Section 12.1.1.3.2 for the Livescan Fingerprint Summary requirements.	(I)				
23.7.2 Cardscan						
23.7.2.1 Current State and Civil Efficiencies						
23.7.2.1 Current State and Civil Efficiencies	1. Not applicable.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.8 Consent Capture Requirements						
23.8.1 Livescan						
23.8.1.1 Current State						
23.8.1.1 Current State	1. Refer to Section 16.39.1 for information on the Consent requirements.	(I)				
23.8.1.1 Current State	2. Refer to Section 13.1 for information on the Biometric Endorsement Capture requirements.	(I)				
23.8.1.2 Civil Efficiencies						
23.8.1.2 Civil Efficiencies	1. Refer to Section 16.39.3 for information on the Consent requirements.	(I)				
23.8.1.2 Civil Efficiencies	2. Refer to Section 13.1 for information on the Biometric Endorsement Capture requirements.	(I)				
23.8.2 Cardscan						
23.8.2.1 Current State						
23.8.2.1 Current State	1. Refer to Section 16.39.2 for information on the Consent requirements.	(I)				
23.8.2.1 Current State	2. Refer to Section 13.2 for information on the Biometric Endorsement Capture.	(I)				
23.8.2.2 Civil Efficiencies						
23.8.2.2 Civil Efficiencies	1. Refer to Section 16.39.4 for information on the Consent requirements.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 23. –						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
23.8.2.2 Civil Efficiencies	2. Refer to Section 13.2 for information on the Biometric Endorsement Capture.	(I)				
23.9 Submit						
23.9.1 Livescan						
23.9.1.1 Current State and Civil Efficiencies						
23.9.1.1 Current State and Civil Efficiencies	1. Refer to Section 14.1 for the Livescan Submit requirements.	(I)				
23.9.2 Cardscan						
23.9.2.1 Current State and Civil Efficiencies						
23.9.2.1 Current State and Civil Efficiencies	1. Refer to Section 14.2 for the Cardscan Submit requirements.	(I)				
Annex D to Appendix A: Detailed Workflow Requirements: Chapter 24. RMS (Record Management System) Workflow						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
24. RMS (Record Management System) Workflow						
24. RMS (Record Management)	1. This section provides information on the allowable TOT's for the RMS workflow.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 24. RMS (Record Management System) Workflow						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
System) Workflow						
24. RMS (Record Management System) Workflow	2. The OLU must be able to select any of the listed workflows from the Workflow Manager screen: <ul style="list-style-type: none"> <li>a. Criminal Charges RMS               <ul style="list-style-type: none"> <li>i. Uses the CARY TOT</li> </ul> </li> <li>b. Criminal Record Inquiry RMS               <ul style="list-style-type: none"> <li>i. Uses the CARN TOT</li> </ul> </li> </ul>	(M)				
<b>24.1 RMS Data</b>						
24.1 RMS Data	1. The RMS workflow only applies to the following transactions: <ul style="list-style-type: none"> <li>a. Criminal Charges RMS</li> <li>b. Criminal Record Inquiry RMS</li> </ul>	(I)				
24.1 RMS Data	2. Upon selection of a workflow, the Livescan must open a new screen and display all records that have been pushed from the RMS to the Livescan for the TOT selected.	(M)				
24.1 RMS Data	3. Refer to Section 7 for further information on RMS Data.	(I)				
<b>24.2 Continuation of the RMS Transaction</b>						
24.2 Continuation of the RMS Transaction	1. Once a RMS transaction has been selected, the workflow must continue as per the requirements of the transaction selected. Please refer to the following sections for information on each TOT: <ul style="list-style-type: none"> <li>a. Criminal Charges RMS               <ul style="list-style-type: none"> <li>i. Refer to Section 17</li> </ul> </li> <li>b. Criminal Record Inquiry RMS</li> </ul>	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 24. RMS (Record Management System) Workflow						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	i. Refer to Section 19					
24.2 Continuation of the RMS Transaction	2. The RMS record data must auto-populate the associated demographic fields and the information must be editable by the OLU where applicable.	(M)				
24.2 Continuation of the RMS Transaction	3. If applicable, the Application Type Details associated to the Civil RMS record will be auto-populated and the information must be editable by the OLU.	(M)				
24.2 Continuation of the RMS Transaction	4. For photo(s) associated to an RMS record, the photo and associated data must be auto-populated in the associated fields; the photo information must be editable by the OLU; and must allow the OLU to recapture a photo(s) as described in Section 11.1.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 25. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
25.1 Elimination Prints Workflow						
25.1.1 Livescan						
25.1.1 Livescan	1. Refer to Figure 49 - Elimination Prints-Elimination Confirmation Screen.	(I)				
25.1.1 Livescan	2. Refer to Figure 50 - Elimination Printing.	(I)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 25. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
25.1.1 Livescan	3. The following information provides details on the requirements for the Elimination Prints process.	(I)				
25.1.1 Livescan	4. The Elimination Prints Workflow is an internal transaction used by Police and RCMP Agencies to see if they can identify fingerprints found at a crime scene.	(I)				
25.1.1 Livescan	5. Once the transaction is complete, the elimination prints must not be submitted to the RTID System and the submission must not appear in the Transaction Manager.	(M)				
25.1.1 Livescan	6. There must be a transaction/audit log created with the following information: a. Workflow name (Elimination Prints) b. Date created c. User ID of the person who created the transaction d. Reference number if one was entered	(M)				
25.1.1 Livescan	7. The Livescan must not generate a DCN or TCN for the transaction.	(M)				
25.1.1 Livescan	8. The screens listed are part of the Elimination Prints Workflow and must be displayed to the OLU in the following order: a. Elimination Confirmation b. Demographic Data Capture c. Fingerprint Capture d. Fingerprint Summary e. Print	(M)				
25.1.1 Livescan	9. Refer to the following sections for the structure of the workflow.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>a. Refer to Section 4.2 for the EFCD workflow screen header appearance and functionality.</li><li>b. Refer to Section 4.3 for the EFCD workflow helpful tips appearance and functionality.</li><li>c. Refer to Section 4.5 for Vendor name placement.</li><li>d. Refer to Section 4.7 for the workflow status menu appearance and functionality and navigation of screens.</li></ul>					
25.1.1 Livescan	<p>10. The following buttons must be displayed at the bottom of each screen and in the order listed.</p> <ul style="list-style-type: none"><li>a. Refer to Section 4.6 for information on workflow buttons.<ul style="list-style-type: none"><li>i. DELETE</li><li>ii. HELP</li><li>iii. PREVIOUS</li><li>iv. NEXT</li></ul></li></ul>	(M)				
25.1.2 Elimination Confirmation Screen						
25.1.2 Elimination Confirmation Screen	<p>1. The Elimination Confirmation screen must display the following message:</p> <ul style="list-style-type: none"><li>a. The Elimination Prints workflow is for printing of fingerprints and demographic data. Elimination Prints will not be stored locally, retained on the Livescan device or transmitted to the RTID System for identification or searching purposes. Elimination Prints are for elimination purposes only. Do you want to proceed?<ul style="list-style-type: none"><li>i. YES</li><li>ii. NO</li></ul></li></ul>	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
25.1.2 Elimination Confirmation Screen	2. Upon selection of YES, the Livescan must display the Demographic Data Capture screen.	(M)				
25.1.2 Elimination Confirmation Screen	3. Upon selection of NO, the OLU must be returned to the Workflow Manager screen.	(M)				
25.1.3 Livescan Demographic Data Layout						
25.1.3 Livescan Demographic Data Layout	1. Refer to Section 10 for the EFCD Demographic Data Capture screen appearance and functionality.	(I)				
25.1.3 Livescan Demographic Data Layout	2. Table 23 - Elimination Demographic Data Layout must be used as a reference for the layout of the fields that must appear on the Demographic Data Capture Screen for the Elimination workflow.	(M)				
25.1.3 Livescan Demographic Data Layout	3. Table Column Definitions: a. Tag Condition i. Mandatory – M ii. Optional – O  b. Field Name i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<ul style="list-style-type: none"><li>ii. Refer to Table 24 - Helpful Tip Wording and Tag Display for information on what the field name must be displayed as.</li><li>c. Reference Information<ul style="list-style-type: none"><li>i. Refer to the sections identified for layout and reference information.</li></ul></li><li>d. Livescan<ul style="list-style-type: none"><li>i. If there is a √ in the column, the field name must be available on the Livescan.</li><li>ii. If the field is blank, the field name must not be available on the Livescan</li></ul></li></ul>					
25.1.3 Livescan Demographic Data Layout	4. Upon completion of all mandatory demographic data capture requirements, the Livescan must allow the OLU to proceed to the Fingerprint Capture Screen by use of the NEXT button.	(M)				
25.1.4 Fingerprint Capture Requirements						
25.1.4 Fingerprint Capture Requirements	1. Refer to Section 12.1.1.1 for further information on fingerprint capture requirements.	(I)				
25.1.4 Fingerprint Capture Requirements	2. Upon selection of the NEXT Button, the Livescan must proceed to the next stage of the process.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
25.1.5 Fingerprint Summary						
25.1.5.1 Fingerprint Summary for Rolled and Plain						
25.1.5.1 Fingerprint Summary for Rolled and Plain	1. Refer to Section 12.1.1.3.1 for further information on Fingerprint Summary.	(I)				
25.1.5.1 Fingerprint Summary for Rolled and Plain	2. Upon selection of the NEXT Button, the Livescan must proceed to the PRINT screen in the elimination workflow.	(M)				
25.1.6 Print						
25.1.6 Print	1. Refer to Section 15 for Elimination Print screen functionality.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1 Screen Appearance and Functionality						
26.1 Screen Appearance and Functionality	1. Refer to Figure 51 - Transaction Manager.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1 Screen Appearance and Functionality	2. The Transaction Manager is the main screen for viewing and managing transactions generated at the EFCD.	(I)				
26.1 Screen Appearance and Functionality	3. The OLA must have the ability to configure the EFCD to default to the Transaction Manager GUI upon login, using a configurable parameter through a simple GUI configuration.	(M)				
26.1 Screen Appearance and Functionality	4. The EFCD must provide the OLU a GUI to display all transactions with their current status.	(M)				
26.1 Screen Appearance and Functionality	5. The OLA must have all OLU privileges plus OLA privileges.	(M)				
26.1 Screen Appearance and Functionality	6. The EFCD must receive and display Acknowledgement (ACKT) transactions, Search Results both for Canadian and FBI (SRE) transactions, and Error Transactions (ERRT) received from the RTID System.	(M)				
26.1 Screen Appearance and Functionality	7. The EFCD must display all transactions generated on a single screen irrespective of the Type of Transaction or the language in which they were created. If a transaction was created in English and the GUI is now in French, all transactions must be displayed in French to the OLU.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1 Screen Appearance and Functionality	8. The EFCD must have the functionality to receive and display multiple SREs for the same DCN and must have the functionality to differentiate the Canadian SRE from the FBI SRE.	(M)				
26.1 Screen Appearance and Functionality	9. The EFCD must have the functionality to receive and display a combination of SREs and ERRTs for the same transaction.	(M)				
26.1 Screen Appearance and Functionality	10. The EFCD must have a configurable parameter to provide a Transaction Manager GUI auto-refresh, with a default of every 60 seconds to allow the OLU to view the most up-to-date transactions.	(M)				
26.1 Screen Appearance and Functionality	11. When the screen refreshes, it must return to the same transaction that was selected prior to the screen refresh.	(M)				
26.1 Screen Appearance and Functionality	12. The EFCD must default to displaying the transactions in descending order based on date/time created.	(M)				
26.1 Screen Appearance and Functionality	13. The EFCD must allow the OLU to navigate to the Workflow GUI from the Transaction Manager GUI with a single mouse click and/or single tap on the touchscreen.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1.1 Transaction Manager Button Functionality						
26.1.1 Transaction Manager Button Functionality	1. Refer to Figure 51 - Transaction Manager.	(I)				
26.1.1 Transaction Manager Button Functionality	2. The Transaction Manager GUI, must have the following buttons on screen and the buttons must remain visible to the OLU when the screen scrolls. a. HELP b. DELETE c. PRINT d. SEARCH e. REFRESH f. EXPORT PHOTO g. WORKFLOW MANAGER	(M)				
26.1.2 Help						
26.1.2 Help	1. The HELP button must provide the OLU with text and diagrams, if available that provide help details based on the Vendor's Best Practices for the transaction manager.	(M)				
26.1.2 Help	2. The Vendor must describe in detail how the Vendor's Best Practices use of the HELP button and content design satisfies the requirements stated in the Annex, and the Appendix A SOR and its accompanying documents.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1.2 Help	3. The Help guide must provide the additional guidance as stated throughout this Annex, Appendix A and its accompanying documents.	(M)				
<b>26.1.3 Delete</b>						
26.1.3 Delete	1. The OLU must be able to select a transaction anywhere in the row by use of a single mouse click and/or single tap on the touchscreen, and the EFCD must highlight the full row.	(M)				
26.1.3 Delete	2. Once the row has been highlighted, the EFCD must allow the OLU to select the DELETE button.	(M)				
26.1.3 Delete	3. The EFCD must allow for the manual deletion of a transaction in an ERROR state.	(M)				
26.1.3 Delete	4. The EFCD must have a configurable option to allow the OLU to have the ability to delete a transaction in a COMPLETED state.	(M)				
26.1.3 Delete	5. If the EFCD is enabled to allow the OLU to delete a transaction in a COMPLETED state or a transaction in an ERROR state, the EFCD must prompt the OLU with a dialog box confirming the decision. a. The dialog box must allow the OLU to cancel the deletion. b. The dialog box must allow the OLU to confirm the deletion.	(M)				
<b>26.1.4 Print</b>						
26.1.4 Print	1. The PRINT button must only be available on a Livescan.	(M)				
26.1.4 Print	2. The OLU must be able to select a transaction anywhere in the row by use of a single mouse click and/or single tap on the touchscreen, and the EFCD must highlight the full row.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1.4 Print	3. Once the row has been highlighted, the EFCD must allow the OLU to select the PRINT button.	(M)				
26.1.4 Print	4. The Livescan must be able to display the following in a dialog box, and allow the OLU to make a selection for printing: a. C-216, C-216C, C-216 ID Flats, C-216I & C-216R b. Photo (if captured); and c. Biometric Consent Form (if captured)	(M)				
26.1.4 Print	5. The OLU must only be presented with the forms allowed to be printed based on the TOT they are in.	(M)				
26.1.4 Print	6. Once the OLU selects a form/photo to print, the EFCD must prompt the user with the print dialog box.	(M)				
26.1.4 Print	7. The print dialog box must allow the OLU to choose the number of copies to be printed.	(M)				
26.1.4 Print	8. The OLU must be able to close the dialog box to return to the Transaction Manager GUI without printing.	(M)				
26.1.4 Print	9. The EFCD must present the user with a dialog box indicating that the documents were printed successfully and allow the OLU to close the dialog box.	(M)				
26.1.4 Print	10. Refer to Section 14.1.1.4 for the specifications on the printing of fingerprint and biometric consent forms.	(I)				
<b>26.1.5 Search</b>						
26.1.5 Search	1. Refer to Figure 53 - Transaction Manager Search Pop-Up.	(I)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.1.5 Search	2. The EFCD must have a search tool, available from the Transaction Manager GUI, to locate any transaction in the database.	(M)				
26.1.5 Search	3. The EFCD must allow a user to locate a transaction by entering search criteria using at least the following fields; a. DCN; b. TCN; c. Surname; d. Given Name 1; e. Type of Transaction; f. FBI Search Request; g. International Search Request h. Date Fingerprinted i. Date Submitted j. Operator	(M)				
26.1.5 Search	4. The search parameter screen must be displayed as a dialog box and allow the OLU to input the search criteria.	(M)				
26.1.5 Search	5. The dialog box must allow the OLU by use of a SEARCH and CANCEL button the ability to search or cancel the search request and return to the Transaction Manager GUI.	(M)				
26.1.5 Search	6. After the search request is initiated, the search dialog box must disappear.	(M)				
26.1.5 Search	7. The EFCD must display in the Transaction Manager GUI all transactions that meet the search criteria.	(M)				

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26.1.5 Search	8. After the transactions have been displayed, the SEARCH button must change to a CLEAR SEARCH RESULTS button and allow the OLU to clear the search results from the transaction manager screen and they must no longer be highlighted.	(M)				
26.1.5 Search	9. The OLU must be able to close the search dialog box to return to the Transaction Manager GUI by use of the CANCEL button.	(M)				
<b>26.1.6 Refresh</b>						
26.1.6 Refresh	1. The REFRESH button must allow for a manual refresh with no lag time and allow the OLU to view the most up-to-date information by use of a single mouse click and/or single tap on the touchscreen.	(M)				
26.1.6 Refresh	2. When the screen refreshes, the EFCD must return to the transaction that was highlighted and being viewed by the OLU prior to the screen refresh.	(M)				
<b>26.1.7 Export Photo</b>						
26.1.7 Export Photo	1. The Export Photo functionality must only be available on the Livescan device.	(M)				
26.1.7 Export Photo	2. The Livescan must have the ability to export photo(s) from transactions in a Portable Network Graphics (PNG) format by use of the EXPORT PHOTO button.	(M)				
26.1.7 Export Photo	3. Upon selection of the EXPORT PHOTO button, the Livescan must present the OLU with a dialogue box displaying a list of all CARY, CARN and REF transactions containing associated Type-10 Facial Image(s) in a table format with the following table column headers and associated data:	(M)				

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	<ul style="list-style-type: none"> <li>a. DCN</li> <li>b. SURNAME</li> <li>c. GIVEN NAME 1</li> <li>d. DATE SUBMITTED</li> <li>e. PHOTOS</li> </ul>					
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>4. The following columns must provide the functionality to sort the transactions in ascending or descending order: <ul style="list-style-type: none"> <li>a. SURNAME</li> <li>b. DATE SUBMITTED</li> </ul> </li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>5. Each transaction row must display the associated photo(s) in thumbnail format with a vertical pixel length of no less than 150 pixels.</li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>6. Each of the photo thumbnail must be selectable by clicking with a mouse or a tap on a touch screen.</li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>7. Each photo thumbnail selected by the OLU must have a green border outlining the thumbnail indicating a selected state.</li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>8. If a selected photo thumbnail is clicked or tapped again the green border outlining the thumbnail must be removed indicating an unselected state.</li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>9. Once the photo thumbnail(s) is selected, the Livescan must allow the OLU to select the EXPORT PHOTO button.</li> </ul>	(M)				
26.1.7 Export Photo	<ul style="list-style-type: none"> <li>10. Upon selecting the EXPORT PHOTO button, the Livescan must export the associated Type-10 Facial Image for each of the selected photo thumbnails.</li> </ul>	(M)				

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26.1.7 Export Photo	11. Each of the exported Type-10 Facial Images must be the same pixel resolution and colour depth as captured for the associated transaction.	(M)				
26.1.7 Export Photo	12. Each exported Type-10 Facial Image must be named with the associated transaction data using the following file naming convention: a. [DCN]: the DCN of the associated transaction; b. followed by a dash (–) c. [SURNAME]: the Surname sub-field from tag 2.806 Primary Name d. followed by a dash (–) e. [image number]: a sequential number starting at 01 for each image from the associated transaction f. .png	(M)				
26.1.7 Export Photo	13. The exported photo(s) must be stored in a destination directory named Exported Photos on the Livescan.	(M)				
26.1.7 Export Photo	14. The Exported Photos directory must be easily accessed by the OLU.					
26.1.7 Export Photo	15. The vendor must provide functionality to automatically delete exported photos from the Exported Photos directory where an exported photo file has creation date greater than or equal to 30 days from the date of export to the current date.	(M)				
26.1.7 Export Photo	16. The OLU must be able to close the Export Photos dialogue box by use of a DONE button.	(M)				

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<b>26.1.8 Workflow Manager</b>						
26.1.8 Workflow Manager	1. The WORKFLOW MANAGER button must allow the OLU to navigate to the Workflow Manager screen GUI.	(M)				
<b>26.2 Vendor Information</b>						
26.2 Vendor Information	1. Refer to Figure 51 - Transaction Manager.	(I)				
26.2 Vendor Information	2. The vendor must display the vendor's name and the version number in the top left side of the screen.	(M)				
<b>26.3 Transaction Manager Column Headers</b>						
26.3 Transaction Manager Column Headers	1. Refer to Figure 51 - Transaction Manager.	(I)				
26.3 Transaction Manager Column Headers	2. The EFCD must display the column headers on the transaction manager GUI in the following order. a. TRANSACTION TYPE; b. DCN; c. TCN; d. NAME; e. DATE FINGERPRINTED; f. DATE SUBMITTED; g. OPERATOR; h. TRANSACTION STATE;	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	i. RESULTS; j. IDENT					
26.3.1 Transaction Type (Tag 1.004)						
26.3.1 Transaction Type (Tag 1.004)	1. The TRANSACTION TYPE column must display the type of transaction as Transaction Type.	(M)				
26.3.1 Transaction Type (Tag 1.004)	2. The Transaction Type must be displayed using the full name and not the acronym. a. CRIMINAL CHARGES for the CARY TOT b. CRIMINAL RECORD INQUIRY for the CARN TOT c. REFUGEE for the REF TOT d. CIVIL for the MAP TOT e. CIVIL VS for the MAP TOT f. IMMIGRATION for the IMM TOT g. DEPORTEE for the CARY TOT	(M)				
26.3.2 DCN (Tag 2.800)						
26.3.2 DCN (Tag 2.800)	1. The DCN column must display the DCN of the transaction.	(M)				
26.3.2 DCN (Tag 2.800)	2. The DCN must only ever be associated with one set of prints even if there are re-submissions of a transaction.	(M)				
26.3.3 TCN (Tag 1.009)						
26.3.3 TCN (Tag 1.009)	1. The TCN column must display the TCN of the transaction.	(M)				

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26.3.3 TCN (Tag 1.009)	2. During the processing of a transaction, if a new TCN is created for the re-submission of a transaction, the previous TCN's must not be displayed. Only the latest TCN must be displayed on the Transaction Manager screen.	(M)				
<b>26.3.4 Name (Tag 2.806)</b>						
26.3.4 Name (Tag 2.806)	1. The NAME column must display the name of the individual being fingerprinted.	(M)				
26.3.4 Name (Tag 2.806)	2. The name must be displayed as Surname, Given Name 1.	(M)				
<b>26.3.5 Date Fingerprinted</b>						
<b>26.3.5.1 Livescan Date Fingerprinted (Tag 2.8038)</b>						
26.3.5.1 Livescan Date Fingerprinted (Tag 2.8038)	1. The DATE FINGERPRINTED column must display the date that the fingerprints were captured at the Livescan.	(M)				
26.3.5.1 Livescan Date Fingerprinted (Tag 2.8038)	2. If the fingerprints are recaptured due to a re-submission, the date fingerprinted must update to reflect the new date.	(M)				
<b>26.3.5.2 Cardscan Date Fingerprinted (Tag 2.8038)</b>						
26.3.5.2 Cardscan Date Fingerprinted (Tag 2.8038)	1. The DATE FINGERPRINTED column must display the fingerprint date that is indicated on the hardcopy fingerprint form.	(M)				

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26.3.5.2 Cardscan Date Fingerprinted (Tag 2.8038)	2. The Date fingerprinted will be manually entered by the OLU at the Cardscan device.	(I)				
<b>26.3.6 Date Submitted (Tag 1.005)</b>						
26.3.6 Date Submitted (Tag 1.005)	1. The DATE SUBMITTED column must display the date the transaction was submitted to the RTID System.	(M)				
<b>26.3.7 Operator (Tag 2.8931)</b>						
26.3.7 Operator (Tag 2.8931)	1. The OPERATOR column must display the name of the person responsible for submitting the transaction to the RTID System.	(M)				
<b>26.3.8 Transaction State</b>						
26.3.8 Transaction State	1. The TRANSACTION STATE column displays the status of a transaction.	(I)				
26.3.8 Transaction State	2. The TRANSACTION STATE column is used to monitor the processing of the transaction.	(I)				
26.3.8 Transaction State	3. The TRANSACTION STATE column status must only apply to the Canadian search.	(M)				
26.3.8 Transaction State	4. The TRANSACTION STATE column must never display a status associated to FBI searches.	(M)				

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26.3.8 Transaction State	5. The TRANSACTION STATE column must identify the status of the transaction on the device as: a. PENDING SWORN CHARGES; b. SENT; c. RECEIVED; d. ERROR; e. COMPLETED; or f. ON-HOLD.	(M)				
26.3.8 Transaction State	6. The EFCD TRANSACTION STATE column must only display the current status of the transaction. When a new status is displayed, the new status of the transaction must supersede the previous status.	(M)				
26.3.8.1 Pending Sworn Charges						
26.3.8.1.1 Putting a Transaction into a Pending Sworn Charges State						
26.3.8.1.1 Putting a Transaction into a Pending Sworn Charges State	1. A Charges transaction is put into a Pending Sworn Charges state after the creation of the transaction in the CARY workflow, and it is ready to be edited and submitted once the information has been sworn.	(I)				
26.3.8.1.1 Putting a Transaction into a Pending	2. The ability to put a transaction in a Pending Sworn Charges state must only be available on a Livescan for the CARY TOT.	(M)				

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Sworn Charges State						
26.3.8.1.1 Putting a Transaction into a Pending Sworn Charges State	3. Refer to Section17 for information on the submitting of a Livescan Criminal Charges (CARY) transaction.	(I)				
26.3.8.1.2 Retrieving a Transaction from a Pending Sworn Charges State						
26.3.8.1.2 Retrieving a Transaction from a Pending Sworn Charges State	1. A transaction in a Pending Sworn Charges state must be located in the Transaction Manager and identified as Pending Sworn Charges under the TRANSACTION STATE column.	(M)				
26.3.8.1.2 Retrieving a Transaction from a Pending Sworn Charges State	2. The OLU must be able to open a Pending Sworn Charges transaction by double clicking with a mouse or double tapping on the touchscreen of the associated row and the Livescan must present the OLU with the ability to edit the transaction prior to submitting.	(M)				
26.3.8.1.2 Retrieving a Transaction from a Pending Sworn Charges State	3. Once all edits have been completed, the Livescan must automatically save the edited information and allow the OLU to submit the transaction for search.	(M)				

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26.3.8.1.2 Retrieving a Transaction from a Pending Sworn Charges State	4. Refer to Section 17 for information on the submitting of a Livescan Criminal Charges (CARY) transaction.	(I)				
<b>26.3.8.2 Sent</b>						
26.3.8.2 Sent	1. The TRANSACTION STATE column in the Transaction Manager must identify the transaction as being SENT when the transaction has been submitted to the RTID System.	(M)				
26.3.8.2 Sent	2. The transaction has been submitted to the RTID System when the OLU submits the NIST file.	(I)				
26.3.8.2 Sent	3. Upon submission of the transaction, if the transaction stays in the SENT state for a period of 5 or more minutes without receipt of an ERRT or an ACKT, the EFCD must highlight the word SENT in red.	(M)				
26.3.8.2 Sent	4. The OLA must have the ability to configure the time parameters for the SENT response being highlighted, through a simple GUI configuration.	(M)				
26.3.8.2 Sent	5. The EFCD must allow the OLU to select by a single mouse click or tap of the touchscreen, the highlighted SENT status and upon selecting the HELP button, a message must be displayed advising the OLU to call the RCMP PROD ADMIN to confirm whether or not the transaction has been received by the RTID System, prior to attempting to re-submitting the transaction.	(M)				

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26.3.8.2 Sent	6. For CBSA devices only, the EFCD must allow the OLU to select the highlighted SENT status and upon selecting the HELP button, the following message must be displayed. “Do not re-submit this transaction. If you are experiencing issues, please contact local IT or the HQ Livescan team.”	(M)				
26.3.8.2 Sent	7. The Livescan must allow the OLU to resubmit a transaction that has not been received by the RTID system.	(M)				
26.3.8.3 Received						
26.3.8.3 Received	1. The state of a transaction must change to RECEIVED when an ACKT is received from the RTID System.	(M)				
26.3.8.4 Error						
26.3.8.4 Error	1. The state of a transaction must change to ERROR when an ERRT is received from the RTID System.	(M)				
26.3.8.4 Error	2. The word ERROR in the TRANSACTION STATE column and the ERRT in the RESULTS column must also be highlighted in red. This applies to the Canadian responses only.	(M)				
26.3.8.5 Completed						
26.3.8.5 Completed	1. The state of the transaction must change to COMPLETED when a Canadian SRE is received from the RTID System.	(M)				
26.3.8.6 On-Hold						
26.3.8.6.1 Putting a Transaction in an On-Hold State						
26.3.8.6.1 Putting a Transaction in	1. The process of putting a transaction in an ON-HOLD state occurs during the creation of a transaction in the workflow.	(I)				

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an On-Hold State						
26.3.8.6.1 Putting a Transaction in an On-Hold State	2. If the transaction has been saved with a status of ON-HOLD, the transaction must not be submitted for search; however, it must be displayed in the Transaction Manager.	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	3. The EFCD must allow the OLU to put a transaction in an On-Hold state at any stage of the workflow process.	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	4. When placing a transaction On-Hold, the EFCD must ensure that the primary name has been entered in the transaction.	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	5. If no primary name has been entered, the EFCD must present the OLU with a dialog box with the following message: "You must enter a name in order to place a transaction on-hold".	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	6. The dialog box must have an OK button allowing the OLU to return to the transaction and enter a name.	(M)				

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26.3.8.6.1 Putting a Transaction in an On-Hold State	7. The OLU must have the ability to put the transaction On-Hold at any point during the workflow process, by use of a single mouse click and/or single tap on the touchscreen as long as the primary name has been entered.	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	8. Once the ON-HOLD button has been clicked or tapped, a dialog box must appear to the OLU with the message "This transaction will be placed ON-HOLD." a. There must be 2 options made available to the OLU;	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	i. YES - Place the transaction in an On-Hold state					
26.3.8.6.1 Putting a Transaction in an On-Hold State	ii. NO - Cancel and Return					
26.3.8.6.1 Putting a Transaction in an On-Hold State	9. If YES is selected, the transaction must be placed in an On-Hold state in the Transaction Manager.	(M)				
26.3.8.6.1 Putting a	10. If NO is selected, the EFCD must return the OLU to the previous screen just before selecting the ON-HOLD button.	(M)				

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Transaction in an On-Hold State						
26.3.8.6.1 Putting a Transaction in an On-Hold State	11. A transaction in an On-Hold state must be highlighted in blue.	(M)				
26.3.8.6.1 Putting a Transaction in an On-Hold State	12. Once a transaction has been placed in an On-hold state, the OLU must be returned to the Workflow Manager screen.	(M)				
<b>26.3.8.6.2 Retrieving a Transaction from an On-Hold State</b>						
26.3.8.6.2 Retrieving a Transaction from an On-Hold State	1. A transaction in an On-Hold state must be viewable in the Transaction Manager and identified as On-Hold under the TRANSACTION STATE column.	(M)				
26.3.8.6.2 Retrieving a Transaction from an On-Hold State	2. The OLU must be able to open an On-Hold transaction by double clicking with a mouse or double tapping on the touchscreen of the associated row.	(M)				
26.3.8.6.2 Retrieving a Transaction	3. Once the transaction has been opened, the EFCD must allow the OLU to continue with the completion of the transaction in the same manner as if the transaction was never put into an On-Hold	(M)				

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from an On-Hold State	state. The OLU must be returned to the stage of the workflow just prior to putting the transaction on-hold (i.e. demographic data capture stage).					
26.3.9 Results						
26.3.9 Results	1. The results column must display the search results received from the RTID System.	(M)				
26.3.9 Results	2. The EFCD RESULT column must display the results of the last response message received from the RTID System.	(M)				
26.3.9 Results	3. In the RESULT column, once a Canadian SRE has been received it must replace the ACKT response with SRE.	(M)				
26.3.9 Results	4. If a transaction results in the return of two SREs, the EFCD must allow both results to be displayed to the OLU.	(M)				
26.3.9 Results	5. The Canadian SRE must be identified as SRE and must be displayed first.	(M)				
26.3.9 Results	6. The FBI SRE must be identified as FBI SRE and must be displayed below the Canadian SRE in the transaction manager results column.	(M)				
26.3.9 Results	7. If the Canadian search returns an SRE and the FBI returns an FBI ERRT, the FBI ERRT must be displayed below the Canadian SRE in the transaction manager results column.	(M)				
26.3.9 Results	8. If a Canadian ERRT is returned to the device and an FBI search was requested, the FBI search will not be submitted by the RTID System.	(I)				

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26.3.9 Results	9. The EFCD must be able view the ERRT, SRE, FBI SRE and the FBI ERRT responses by double clicking or double tapping first, then able to print from the Transaction Manager GUI.	(M)				
26.3.9 Results	10. When the ERRT, SRE or the FBI ERRT, FBI SRE message is displayed in a dialog box, the OLU must have the option to Print or Close the dialog box.	(M)				
26.3.9 Results	11. The EFCD printed response messages must clearly display in the heading whether the response is associated to a RCMP or FBI search result. Refer to Section 26.3.13 for the display and messaging of responses.	(M)				
26.3.9 Results	12. The Printer must able to print the ERRT or SRE message on 8 ½ x 11 (e.g. letter) or 8 ½ x 14 (e.g. legal) paper.	(M)				
<b>26.3.10 Ident</b>						
26.3.10 Ident	1. The IDENT column displays the identification results of the transaction.	(I)				
26.3.10 Ident	2. The EFCD must allow for the population of the IDENT column with a value of YES for a positive ident and a value of NO for a non-ident or unsuitable for the Canadian search.	(M)				
26.3.10 Ident	3. These values will be identified in the SRE in the Search Result Information (Tag 2.8953).	(I)				
26.3.10 Ident	4. If the search result information (Tag 2.8953) is not returned in the SRE, the IDENT column must always contain a value of N/A.	(M)				
26.3.10 Ident	5. There can be up to two (2) identification results for a fingerprint search: a Canadian RTID search result; and an FBI search result.	(I)				

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26.3.10 Ident	6. If the transaction results in the return of two (2) ident's, the EFCD must allow both results to be displayed to the OLU. (M)					
26.3.10 Ident	7. Two (2) ident's refers to the fingerprint search result from the Canadian RTID System and the search result from the FBI.	(I)				
26.3.10 Ident	8. The Canadian result must be the first to be displayed. a. YES - for positive ident b. NO - for non-ident or unsuitable	(M)				
26.3.10 Ident	9. If there is an FBI result being returned, the FBI result must be displayed below the Canadian result in the transaction manager IDENT column. a. FBI YES - for positive FBI ident b. FBI NO - for FBI non-ident	(M)				
26.3.11 Transaction Manager Functionality						
26.3.11 Transaction Manager Functionality	1. The EFCD must allow for the following: a. If an ERRT is received for a transaction and a subsequent resubmission is done and the resubmission is successful, the Results column must change from ERRT to ACKT and the State column must change to RECEIVED; and b. If an SRE is subsequently received after the resubmission for the ERRT, the State column must change to COMPLETED.	(M)				
26.3.11 Transaction Manager Functionality	2. Once the transaction is complete, the EFCD TCN column must only display the TCN that is associated to the transaction that accounts for the COMPLETED state of the transaction.	(M)				

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26.3.11 Transaction Manager Functionality	3. The EFCD must allow the OLU to hide any column through a simple menu option.	(M)				
26.3.11 Transaction Manager Functionality	4. The EFCD must allow the OLU to un-hide the columns previously hidden.	(M)				
26.3.11 Transaction Manager Functionality	5. The EFCD must default to the original column display at each log in, unless the EFCD allows the user to configure their own preferred column order.	(M)				
26.3.11 Transaction Manager Functionality	6. It is preferred that the EFCD allow the OLU to select their preferred column order and that this order be retained at each log in.	(R)				
26.3.11 Transaction Manager Functionality	7. The OLA must have the ability to hide or modify the order in which the columns are displayed, through a simple GUI configuration.	(M)				
26.3.11 Transaction Manager Functionality	8. The EFCD must provide the OLU the option to sort the Transaction Manager GUI transactions by selecting any column header in ascending or descending order.	(M)				
26.3.11 Transaction	9. The Results column must sort using the SRE and not by using the FBI SRE.	(M)				

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Manager Functionality						
26.3.11 Transaction Manager Functionality	10. The EFCD must allow the OLU to open a single transaction from the Transaction Manager GUI by use of a double mouse click and/or double tap on the touchscreen.	(M)				
26.3.11 Transaction Manager Functionality	11. The EFCD must allow for the manual deletion of transactions by the OLA by use of the DELETE button.	(M)				
26.3.11 Transaction Manager Functionality	12. The EFCD must allow for the automatic deletion of transactions in a COMPLETED state and the automatic deletion must be based on the requirements of the TOT.	(M)				
26.3.11 Transaction Manager Functionality	13. The EFCD must allow for the automatic deletion of transactions in a COMPLETED state within a configurable time frame as determined by the OLA, through a simple GUI configuration.	(M)				
26.3.11 Transaction Manager Functionality	14. The EFCD must not automatically delete a transaction in an ERROR state.	(M)				
26.3.11 Transaction Manager Functionality	15. The OLU must be able to select and modify any transaction in an ON-HOLD or Pending Sworn Charges state.	(M)				

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26.3.11 Transaction Manager Functionality	16. The OLU must be able to select and modify any transaction where an ERRT has been received.	(M)				
<b>26.3.12 Transaction Manager - Viewing</b>						
26.3.12 Transaction Manager - Viewing	1. Refer to Figure 52 - Transaction Manager Multiple TCN.	(I)				
26.3.12 Transaction Manager - Viewing	2. Refer to Figure 60 - Transaction Viewing from TM.	(I)				
26.3.12 Transaction Manager - Viewing	3. Once the transaction has been submitted and completed, the EFCD must allow the OLU to select a transaction for viewing purposes only.	(M)				
26.3.12 Transaction Manager - Viewing	4. The EFCD must allow the OLU to select a transaction and view all Results and TCN's associated to the DCN.	(M)				
26.3.12 Transaction Manager - Viewing	5. The OLU must be able to select a transaction anywhere in the row by a single mouse click and/or single tap on the touchscreen, the EFCD must highlight the full row.	(M)				

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26.3.12 Transaction Manager - Viewing	6. Once highlighted, the EFCD must provide the OLU, through a double mouse click and/or double tap on the touchscreen, the ability to view the entire transaction data which opens to the Demographic Data capture screen and then allows the OLU to navigate to any tabs on the status menu.	(M)				
26.3.12 Transaction Manager - Viewing	7. The buttons that must be displayed to the OLU during the viewing of a transaction are the following: a. HELP b. WORKFLOW MANAGER c. TRANSACTION MANAGER	(M)				
26.3.12 Transaction Manager - Viewing	8. If there is more than one TCN associated to a DCN, the EFCD must display an asterisk next to the TCN number.	(M)				
26.3.12 Transaction Manager - Viewing	9. To view multiple TCN's and the associated results, the EFCD must allow the OLU to highlight the full row by use of a single mouse click and/or single tap on the touchscreen.	(M)				
26.3.12 Transaction Manager - Viewing	10. Once highlighted the OLU must be allowed to select the TCN of the transaction. If there are multiple TCNs associated to the DCN, the transaction must expand to display all of the TCN's associated to the DCN.	(M)				
26.3.12 Transaction Manager - Viewing	11. If there are multiple TCN's, the columns must display the information for each TCN: a. TOT; would remain the same b. DCN; would remain the same	(M)				

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	<ul style="list-style-type: none"> <li>c. TCN;</li> <li>d. Date Fingerprinted - associated to the TCN</li> <li>e. Date Submitted; - associated to the TCN</li> <li>f. Name; - associated to the TCN</li> <li>g. Operator; - associated to the TCN</li> <li>h. State; - associated to the TCN</li> <li>i. Results; - associated to the TCN</li> <li>j. Ident - associated to the TCN</li> </ul>					
26.3.12 Transaction Manager - Viewing	<p>12. Upon selection of a TCN, the EFCD must provide the OLU the capability through a double mouse click and/or double tap on the touchscreen, the ability to view any of the following:</p> <ul style="list-style-type: none"> <li>a. Type-4 rolled and plain images or Type-14 ID Flats;</li> <li>b. Palm images (if captured);</li> <li>c. Photo(s);</li> <li>d. Biometric Endorsement Finger (if captured); and</li> <li>e. Demographic Data.</li> </ul>	(M)				
26.3.12 Transaction Manager - Viewing	<p>13. The transaction selected must open to the Demographic Data capture screen and The OLU must be able to navigate to any of the screens mentioned above by clicking on the status menu tabs.</p>	(M)				
26.3.12 Transaction Manager - Viewing	<p>14. The EFCD must allow the OLU to select a Result (ERRT, SRE, FBI SRE and FBI ERRT) and through the use of a dialog box, view the message associated to the Result using a single mouse click and/or single tap on the touchscreen.</p>	(M)				

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26.3.12 Transaction Manager - Viewing	15. The dialog box must have the following buttons: a. PRINT b. CLOSE	(M)				
26.3.12 Transaction Manager - Viewing	16. Upon selection of the PRINT button, the EFCD will print the response message selected.	(M)				
26.3.12 Transaction Manager - Viewing	17. Upon selection of the CLOSE button, the EFCD will return the OLU to the Transaction Manager Screen.	(M)				
26.3.12 Transaction Manager - Viewing	18. The PRINT and CLOSE button must be located at the bottom of the dialog box.	(M)				
<b>26.3.13 Transaction Manager – Display of Responses</b>						
<b>26.3.13.1 Printing of Responses</b>						
26.3.13.1 Printing of Responses	1. The EFCD must allow the OLU to print the following responses from the transaction manager: a. SRE b. FBI SRE c. FBI ERRT	(M)				

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26.3.13.1 Printing of Responses	2. The dialog box must have the following buttons: a. PRINT b. CLOSE	(M)				
26.3.13.1 Printing of Responses	3. Upon selection of the PRINT button, the EFCD will print the response message selected.	(M)				
26.3.13.1 Printing of Responses	4. Upon selection of the CLOSE button, the EFCD will return the OLU to the Transaction Manager Screen.	(M)				
26.3.13.1 Printing of Responses	5. The PRINT and CLOSE buttons must be at the bottom of the dialog box.	(M)				
<b>26.3.13.2 SRE Display</b>						
26.3.13.2 SRE Display	1. Refer to Figure 54 - SRE MAP Message.	(I)				
26.3.13.2 SRE Display	2. Refer to Figure 58 - SRE CARY CARN REF Message.	(I)				
26.3.13.2 SRE Display	3. Upon selection of the SRE from the Transaction Manager, the EFCD must display the SRE response message in a dialog box.	(M)				
26.3.13.2 SRE Display	4. The SRE response must clearly identify that the response is from the RCMP with the header RCMP Search Results.	(M)				
26.3.13.2 SRE Display	5. All fields (i.e. tags) included in the SRE must be displayed and populated with the SRE transaction data with field names for each field displayed including at least:	(M)				

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	<ul style="list-style-type: none"> <li>a. DCN</li> <li>b. TCN (Note: The heading must be displayed as TCN but the value must be from the TCR (1.010) field of the SRE.</li> </ul>					
26.3.13.2 SRE Display	6. These optional SRE tags, if populated must be displayed in a readable format. If the optional tags are not populated, they must not be displayed to the OLU. <ul style="list-style-type: none"> <li>a. Effective Search Date</li> <li>b. Search Result Information</li> <li>c. Narrative Message</li> <li>d. Contributor Supplied Reference Information</li> <li>e. Action To Be taken</li> <li>f. Application Type (MAP SRE only)</li> <li>g. Name of Company/Agency and Position Title (MAP SRE only)</li> <li>h. Employment In Vulnerable Sector (MAP SRE only)</li> </ul>	(M)				
26.3.13.2 SRE Display	7. There must be a table called IDENTIFICATION TO and this table must have the following three rows: <ul style="list-style-type: none"> <li>a. CRIMINAL</li> <li>b. IMMIGRATION SERIES 1</li> <li>c. IMMIGRATION SERIES 2</li> </ul>					
26.3.13.2 SRE Display	8. If there is a positive result, a black checkmark must appear.					
26.3.13.2 SRE Display	9. If there is a negative result, a black x must appear.					

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26.3.13.2 SRE Display	10. For the MAP SRE, if there is no search result for Immigration Series 1 and Immigration Series 2, there must be no result indicator displayed.	(M)				
<b>26.3.13.3 FBI SRE Display</b>						
26.3.13.3 FBI SRE Display	1. Refer to Figure 56 - FBI SRE Message.	(I)				
26.3.13.3 FBI SRE Display	2. Upon selection of the FBI SRE from the Transaction Manager, the EFCD must display the FBI SRE response message in a dialog box.	(M)				
26.3.13.3 FBI SRE Display	3. The FBI SRE response must clearly identify the response is from the FBI with the header FBI Search Results.	(M)				
26.3.13.3 FBI SRE Display	4. The minimum salient tag headings for GUI display and population of an FBI SRE transaction must include: a. DCN b. TCN (Note: The heading must be displayed as TCN but the value must be from the TCR (1.010) field of the SRE.	(M)				
26.3.13.3 FBI SRE Display	5. These optional SRE tags, if populated must be displayed in a readable format. If the optional fields are not populated, they must not be displayed to the OLU. a. Effective Search Date b. Search Result Information c. Criminal Record d. Narrative Message e. Contributor Supplied Reference Information f. Action To Be Taken	(M)				

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<b>26.3.13.4 ERRT Display</b>						
26.3.13.4 ERRT Display	1. Refer to Figure 55 - ERRT Message.	(I)				
26.3.13.4 ERRT Display	2. Upon selection of the ERRT from the Transaction Manager, the EFCD must display the ERRT response message in a dialog box.	(M)				
26.3.13.4 ERRT Display	3. The ERRT response must clearly identify the response is from the RCMP with the header RCMP SEARCH RESULTS.	(M)				
26.3.13.4 ERRT Display	4. The minimum salient tag headings for GUI display and population of an ERRT transaction must include: a. DCN b. TCN (Note: The heading must be displayed as TCN but the value must be from the TCR (1.010) field of the SRE. c. Error Message:	(M)				
26.3.13.4 ERRT Display	i. Only display the Error Message d. Narrative Message:					
26.3.13.4 ERRT Display	i. This optional tag must be displayed in a readable format.					
26.3.13.4 ERRT Display	5. The dialog box displaying the ERRT must have the following buttons; a. RE-SUBMIT b. MARK AS COMPLETED c. PRINT d. CLOSE	(M)				

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26.3.13.4 ERRT Display	6. Refer to Section 26.4.1 for information on the requirements for a resubmission of an ERRT on a Livescan.	(I)				
<b>26.3.13.5 FBI ERRT Display</b>						
26.3.13.5 FBI ERRT Display	1. Refer to Figure 57 - FBI ERRT Message.	(I)				
26.3.13.5 FBI ERRT Display	2. Upon selection of the FBI ERRT from the Transaction Manager, the EFCD must display the FBI ERRT response message in a dialog box.	(M)				
26.3.13.5 FBI ERRT Display	3. The FBI ERRT response must clearly identify that the response is from the FBI with the header FBI SEARCH RESULTS.	(M)				
26.3.13.5 FBI ERRT Display	4. The minimum salient tag headings for GUI display and population of an FBI ERRT transaction must include: a. DCN b. TCN (Note: The heading must be displayed as TCN but the value must be from the TCR (1.010) field of the SRE. c. Error Message:	(M)				
26.3.13.5 FBI ERRT Display	i. Only display the Error Message d. Narrative Message:					
26.3.13.5 FBI ERRT Display	i. This optional tag must be displayed in a readable format.					

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26.4 Resubmission after Receiving an ERRT						
26.4.1 EFCD Resubmission Workflow						
26.4.1 EFCD Resubmission Workflow	1. Refer to Figure 55 - ERRT Message.	(I)				
26.4.1 EFCD Resubmission Workflow	2. Refer to Figure 59 - Cancel Button ERRT.	(I)				
26.4.1 EFCD Resubmission Workflow	3. Periodically, poor quality fingerprint images, out of sequence fingerprints, missing mandatory data or incorrect data formats may generate an error (ERRT) from the RTID System. To facilitate resolving the error, the EFCD must allow the OLU to correct the deficiencies by either re-enrolling the individual's fingerprints, or manually correcting the Type-2 data errors and resubmitting the transaction.	(M)				
26.4.1 EFCD Resubmission Workflow	4. The EFCD must prohibit the OLU from initiating the resubmission workflow for a transaction that has received an associated ACKT and/or a SRE.	(M)				
26.4.1 EFCD Resubmission Workflow	5. The EFCD must allow the OLU to initiate a resubmission workflow for a transaction that has received an associated Canadian ERRT.	(M)				
26.4.1 EFCD Resubmission Workflow	6. The EFCD must allow the resubmission to occur from the Transaction Manager GUI.	(M)				

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Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.4.1 EFCD Resubmission Workflow	7. The OLU must be able to open an ERRT response by double clicking with a mouse or double tapping on the touchscreen of the associated row.	(M)				
26.4.1 EFCD Resubmission Workflow	8. Once the option to view the ERRT has been initiated, the OLU must be presented with the following buttons: a. RESUBMIT TRANSACTION b. MARK AS COMPLETED c. PRINT d. CLOSE	(M)				
26.4.1 EFCD Resubmission Workflow	9. Based on the ERRT message displayed from the RTID System, the OLU must choose one of the selections above, which are described in detail in the following subsections.	(I)				
26.4.1.1 Resubmit Transaction Button						
26.4.1.1 Resubmit Transaction Button	1. The RESUBMIT TRANSACTION button must open the transaction in the Workflow Manager and allow the OLU to edit the transaction.	(M)				
26.4.1.1 Resubmit Transaction Button	2. The EFCD must re-use the original DCN for a resubmission transaction.	(M)				
26.4.1.1 Resubmit Transaction Button	3. The EFCD must generate a new TCN for the resubmission transaction.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 26. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.4.1.1 Resubmit Transaction Button	4. The EFCD must open the transaction to the first screen that should be available based on the TOT.	(M)				
26.4.1.1 Resubmit Transaction Button	5. The OLU must be able to select a Status Menu tab or the NEXT button to move through the stages of the workflow.	(M)				
26.4.1.1 Resubmit Transaction Button	6. When the OLU selects the RESUBMIT TRANSACTION button, the SUBMIT status menu tab must show an x.	(M)				
26.4.1.1 Resubmit Transaction Button	7. If the OLU completes the resubmission process and sends the transaction for search, the SUBMIT status menu tab must show a check mark.	(M)				
26.4.1.1 Resubmit Transaction Button	8. If the OLU cancels the resubmission, the SUBMIT status menu tab must show a checkmark.	(M)				
26.4.1.1 Resubmit Transaction Button	9. If modifications are not made to the transaction, the EFCD must retain the original information.	(M)				
26.4.1.1 Resubmit	10. If modifications are made, the EFCD must discard the original information and update the transaction with the new information.	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 26. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
Transaction Button						
26.4.1.1 Resubmit Transaction Button	11. Refer to the following sections for information: a. Refer to Section 8 for Agency Information Details b. Refer to Section 9 for Application Type Details c. Refer to Section 10 for Demographic Capture d. Refer to Section 11 for Photo Capture e. Refer to Section 12 for Fingerprint Capture f. Refer to Section 13 for Consent functionality g. Refer to Section 14 for Submit functionality	(M)				
26.4.1.1 Resubmit Transaction Button	12. Upon completion of the modifications, the Livescan must allow the OLU to submit the resubmission for search by use of the SUBMIT button.	(M)				
26.4.1.1 Resubmit Transaction Button	13. At any point during the resubmission process, the OLU must be able to cancel the resubmission by use of a CANCEL RESUBMISSION button.	(M)				
26.4.1.1 Resubmit Transaction Button	14. The ERRT resubmission process must display a CANCEL RESUBMISSION button.	(M)				
26.4.1.1 Resubmit Transaction Button	15. If the OLU selects the CANCEL RESUBMISSION button, they must be prompted with a dialog box confirming the cancel. The message must state "Would you like to Cancel the resubmission?" with the options of:	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 26. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	a. YES b. NO					
26.4.1.1 Resubmit Transaction Button	16. If YES is selected, the EFCD must discard the resubmission data, including the newly created TCN, and leave the original transaction unchanged and return the OLU to the Transaction Manager GUI.	(M)				
26.4.1.1 Resubmit Transaction Button	17. If NO is selected, the OLU must be able to continue with the resubmission process and the changes made must remain.	(M)				
<b>26.4.1.2 Mark As Completed</b>						
26.4.1.2 Mark As Completed	1. If the ERRT does not require a resubmission, the MARK AS COMPLETED button must allow the OLU by use of a single mouse click and/or single tap on the touchscreen the ability to change the state of the transaction from ERROR to COMPLETED. a. The RESULTS column for this transaction must remain at ERRT. b. The ERRT must no longer be highlighted.	(M)				
26.4.1.2 Mark As Completed	2. The EFCD must allow the OLU the ability to return the transaction from a COMPLETED state to an ERROR state if the OLU determines that a resubmission is required.	(M)				
<b>26.4.1.3 Print</b>						
26.4.1.3 Print	1. The PRINT button must allow the OLU to print the ERRT message(s).	(M)				

Annex D to Appendix A: Detailed Workflow Requirements: Chapter 26. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
26.4.1.3 Print	2. Upon selection of the PRINT button, the EFCD must print the ERRT message.	(M)				
26.4.1.3 Print	3. The Printer must able to print the ERRT on 8 ½ x 11 (e.g. letter) or 8 ½ x 14 (i.e. legal) paper.	(M)				
26.4.1.4 Close						
26.4.1.4 Close	1. The EFCD must allow the OLU to select the CLOSE button.	(M)				
26.4.1.4 Close	2. Upon selection of the CLOSE button, the EFCD must return the OLU to the Transaction Manager Screen.	(M)				

Annex D to Appendix A: 27. Helpful Tip Wording and Tag Display: Chapter 27. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
27. Helpful Tip Wording and Tag Display						
27. Helpful Tip Wording and Tag Display	1. The following table provides the “helpful tips” that must be displayed to the OLU in the helpful tips box on the EFCD. The tips must be displayed on screen in the exact format shown in the table.	(M)				
27. Helpful Tip Wording and Tag Display	2. The “helpful tips” box must include a scroll bar and must word wrap text if required.	(M)				

Annex D to Appendix A: 27. Helpful Tip Wording and Tag Display: Chapter 27. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
27. Helpful Tip Wording and Tag Display	3. Refer to Figure 3 - EFCD User Interface.	(I)				
27. Helpful Tip Wording and Tag Display	4. The Table also provides information on how the tag must be displayed to the OLU on the Demographic Data Capture screen.	(M)				
27. Helpful Tip Wording and Tag Display	5. Table Column Definitions Helpful Tips Table: a) ICD Tag i. The ICD tag field is being used to aid the Vendor and the contents must not be displayed to the OLU. b) Display As i. The tags must be displayed to the OLU in the Demographic Data Capture Screen as shown. c) Helpful Tip Wording i. The helpful tips must be displayed to the OLU when the cursor is placed in the field or the pointer is placed on a button. ii. The help tips must be displayed in bullet format. d) CARY includes Criminal Charges, Deportee and Criminal Charges RMS e) CARN includes Criminal Record Inquiry, Criminal Record Inquiry RMS f) REF includes Refugee g) IMM includes Immigration h) MAP includes Civil Application, Civil Vulnerable Sector Application	(M)				

Annex D to Appendix A: 27. Helpful Tip Wording and Tag Display: Chapter 27. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	<div>i) Elimination</div> <div>j) LS refers to Livescan</div> <div>i. If there is a √ in the column the helpful tip must be displayed.</div> <div>ii. If the column is blank the field name and helpful tip must not be displayed.</div> <div>k) CS refers to Cardscan</div> <div>i. If there is a √ in the column the helpful tip must be displayed.</div> <div>ii. If the column is blank the field name and helpful tip must not be displayed.</div>					

Annex D to Appendix A: 28. Submit Screen Helpful Tips: Chapter 28. E						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
28. Submit Screen Helpful Tips						
28. Submit Screen Helpful Tips	<div>1. Table Column Definitions</div> <div>a) Field Name</div> <div>i. The field name column is being used to identify the order in which the fields must be displayed and not as a reference for what the field name must be displayed as.</div> <div>b) Helpful Tip</div> <div>i. The helpful tips must be displayed to the OLU when the cursor is placed in the field or the pointer is placed on a button. (M)</div>	(M)				

Annex D to Appendix A: 28.      Submit Screen Helpful Tips:      Chapter 28. E						
Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
	c) Livescan i. If there is a √ in the column, the field name must be available on the Livescan. ii. If the field is blank, the field must not be available on the Livescan d) Cardscan i. If there is a √ in the column, the field must be available on the Cardscan. ii. If the field is blank, the field name must not be available on the Cardscan.					

## 1.6 Annex E to Appendix A: Government Furnished Equipment – v1C

Annex E to Appendix A: Government Furnished Equipment: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
<b>1.1 General</b>						
1.1 General	1. This Government Furnished Equipment (GFE) document provides a record of hardware, Operating System (OS) and Software for the EFCDs and SMTP-SPOI Servers that are available for reuse. This GFE is in addition to the GFE identified in Appendix A – EFCD NMSO SOR.	(I)				
1.1 General	2. All GFE EFCDs have either Windows 7 or 10. A significantly large number of GFE EFCDs operate on Windows 7.	(I)				
1.1 General	3. The SMTP-SPOI servers are Windows Server 2012 or Linux.	(I)				
1.1 General	4. It is impossible to identify all EFCD and SMTP-SPOI server configurations for all RCMP/GC/CPMG departments/agencies. Devices have been replaced and EFCD components are changed and/or reconfigured by each department/agency. The EFCDs use Commercial-Off-The-Shelf (COTS) workstation with processors ranging from 2.4Ghz to 3.4GHz, typically two (2) five 500GB hard drives and all the ports required to support the EFCD configuration. Since many EFCD workstations have been replaced through a RCMP/GC/CPMG workstation NMSO, there is an expectation that any Vendor's EFCD solution will operate on a COTS workstation that has the required ports to support the EFCD with at most additional components added in empty workstation slots.	(I)				
1.1 General	5. The subsections within 1.2 Government Furnished Equipment includes GFE components that must be considered by the Vendor so the Vendor can identify the GFE that will be reused.	(M)				

Annex E to Appendix A: Government Furnished Equipment: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 General	6. The Vendor should reuse as much GFE as possible to provide fully operational EFCDs and SMTP-SPOI Servers.	(R)				
1.1 General	7. The Vendor must accept responsibility for the efficient and effective operation of the EFCDs when using the GFE and fully support the EFCDs according to the support and maintenance agreement with the RCMP/GC/CPMG department/agency.	(M)				
1.1 General	8. The only support exceptions for the Vendor may be the GFE hardware used in the configuration of the EFCDs which may be supported by the RCMP/GC/CPMG department/agency.	(I)				
1.1 General	9. If any Vendor wishes to view any available GFE, a notification will be posted to all Vendor's expressing an interest in the RFSO to allow viewing of the GFE at a specific time at an RCMP Ottawa office.	(I)				
1.1 General	10. The RCMP/GC/CPMG understands that certain components may only operate on Windows 7 or 10; therefore, the RCMP/GC/CPMG will reuse the GFE components using the compatible Windows OS version or the component will be replaced by the RCMP/GC/CPMG to operate with a new Windows OS, all based on RCMP/GC/CPMG specific requirements (i.e. some RCMP/GC/CPMG may no longer support Windows 7).	(I)				
1.1 General	11. The Vendor must indicate if their software can be supported on the GFE workstations, and identify any GFE workstation upon which their software will not effectively operate.	(M)				
1.1 General	12. If the Vendor's software will only operate on specific model workstations, the list of specific workstation models must be identified.	(M)				

Annex E to Appendix A: Government Furnished Equipment: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 General	13. A proprietary component is considered any component that is not available for public purchase or if the component does not have a published price. That is, any component (excluding proprietary software) proposed by the Vendor is expected to be available for any other Vendor to purchase with published pricing in a manner that can satisfy all the requirements in the RFSO and its accompanying documents (e.g., scanner block).	(I)				
1.1 General	14. All components (excluding proprietary EFCD/SMTP-SPOI server software) proposed by the Vendor must have published pricing with either open source or a freely distributed Software Development Kit (SDK) that allows other Vendors to use/reuse the component.	(M)				
1.1 General	15. Proposed scanner blocks must include an SDK so it can be reused by another vendor in the future, if necessary. Only scanner blocks with free SDKs (i.e. freely available for the owner of the scanner block with purchase or after purchase) and published pricing will be considered compliant NMSO components.	(M)				
1.1 General	16. Ruggedized Kiosks can be reused for decades. Some ruggedized Kiosks are imprinted with Vendor logos. Vendor's reusing the Kiosks with other Vendor logos are free to cover the logos, at the new Vendor's expense, as long as officer safety is not impacted. It is at the sole discretion of the RCMP/GC/CPMG as to whether any change to the Kiosk affects officer safety.	(I)				

Annex E to Appendix A: Government Furnished Equipment: Chapter 1. Introduction						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.2 Government Furnished Equipment						
1.2 Government Furnished Equipment	1. There are approximately twenty-five hundred (2,500) RCMP/GC/CPMG EFCDs that were procured through the previous contracting methods that could be included in the scope of the GFE. The workstations for some of the EFCD have been replaced with various manufacturer’s workstations; therefore, it is impossible to track all the configuration that exist. The following subsections identify the GFE available for reuse by the Vendor.	(I)				

1.7 Annex F to Appendix A: Livescan Interface Specification – v1C

Annex F to Appendix A: : Chapter 1. INTRODUCTION						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.1 purpose						
1.1 purpose	1. The purpose of this document is to detail the Livescan Interface Specification (LIS) to enable the automatic population of biographical data fields transferred from an RCMP/GC/CPMG department/agency system (e.g., CBSA's GCMS (Global Case Management System)) to a Livescan device. This will eliminate the time and effort to duplicate common data entry in two (2) systems and reduce errors resulting from the capture of inconsistent information in each system.	(I)				
1.2 Scope						
1.2 Scope	1. This document describes the interface specifications that must be adhered to by the NMSO Vendor to enable the effective and efficient communication between the Livescan and the RCMP/GC/CPMG department/agency system.	(M)				
1.2 Scope	2. Any Vendor recommended improvements are expected to be discussed and resolved after contract award. RCMP has the sole responsibility to determine if any changes will be accepted.	(I)				
1.3 Audience						
1.3 Audience	1. This document is intended for NMSO Vendor(s) and RCMP/GC/CPMG department/agency.	(I)				

Annex F to Appendix A: : Chapter 1. INTRODUCTION						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
1.4 relevant AND reference documents						
1.4 relevant AND reference documents	1. The requirements stated throughout the SOR and its accompanying documents describe the functional requirements associated with the LIS.	(I)				
1.4 relevant AND reference documents	2. This LIS document is focused on the technical requirements that need be satisfied to support the interface between the Livescan and the RCMP/GC/CPMG department/agency system.	(I)				

Annex F to Appendix A: : Chapter 2. b						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
2.1 Overview						
2.1 Overview	1. The LIS will allow the Livescan to support the timely retrieval of data fields required for Livescan Transactions (e.g. CARN, CARY, REF, IMM) from an RCMP/GC/CPMG department/agency system and then auto populate the data into the RCMP ICD compliant data fields in the transaction.	(I)				
2.1 Overview	2. The data that must be supported by the LIS includes the following in Table 2-1: LIS Auto Populate Data Fields.	(M)				
2.1 Overview	3. Refer to ICD 1.7.8 Rev 1.6 for data character type, field size, number of occurrences and any special character considerations that must be supported.	(M)				

Annex F to Appendix A: : Chapter 3.						
Section	Submission Requirements	Mandatory / Rated	Compliant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.1 Overview						
3.1 Overview	1. The interface between the Livescan and the RCMP/GC/CPMG department/agency system will use RESTful web services over the HTTP or HTTPS protocol as GET requests. RESTful web services allow requesting systems to access textual representations of web resources using a uniform and predefined set of stateless operations. Requests made to a resource's URI will elicit a response in a JSON format. RCMP/GC/CPMG department/agency system responses will be compliant with the JSON response schema specified in this document.	(I)				
3.1 Overview	2. The following diagram depicts a high level conceptual view of the interface specification for the Livescan to RCMP/GC/CPMG department/agency system that the Livescan must support. The diagram depicts HTTP and the associated text below states HTTP; however, the interface must also support HTTPS to enable communication through either HTTP or HTTPS, as required.	(M)				
3.2 Livescan to department/agency detailed Interface specification						
3.2 Livescan to department/agency detailed Interface specification	1. The following subsections provide the detailed specifications for the HTTP GET requests and corresponding response that must be supported by the Livescan application.	(M)				
3.2 Livescan to department/agency detailed Interface specification	2. These details are meant to provide sufficient information to ensure Livescan Vendors can complete their development.	(I)				

Annex F to Appendix A: : Chapter 3.						
Section	Submission Requirements	Manda tory / Rated	Compli ant Y/N	COTS Y/N	Bidder's Response	Bidder Referenced Info.
3.2 Livescan to department/agency detailed Interface specification	3. These details are not intended to describe the complete sequence of TCP/IP and HTTP interaction, instead only the key details that affect the interface specification are provided. There is an expectation that the Livescan Vendors are well versed in these protocols.	(I)				
3.2 Livescan to department/agency detailed Interface specification	4. The RCMP/GC/CPMG department/agency system will respond with an HTTP error for any submitted requests where the associated response cannot be returned. The HTTP errors that could be returned include only errors currently defined for the HTTP protocol (e.g. "HTTP/1.1 404 Not Found").	(I)				
3.2 Livescan to department/agency detailed Interface specification	5. References to the ICD 1.7.8 Rev 1.6 fields have been included for both request parameters and response elements where applicable.	(I)				