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**LETTER OF INTEREST**

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<b>Title - Sujet</b> RFI for Pistol Modernization RFI for Pistol Modernization	
<b>Solicitation No. - N° de l'invitation</b> M7594-224467/D	<b>Date</b> 2022-12-19
<b>Client Reference No. - N° de référence du client</b> M7594-224467	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$BM-039-28894
<b>File No. - N° de dossier</b> 039bm.M7594-224467	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Standard Time EST <b>on - le 2023-01-11</b> Heure Normale du l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Grosser, Keith	<b>Buyer Id - Id de l'acheteur</b> 039bm
<b>Telephone No. - N° de téléphone</b> (873) 355-2334 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

Instructions: See Herein

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**REQUEST FOR INFORMATION  
FOR  
SERVICE PISTOL REPLACEMENT  
FOR  
THE ROYAL CANADIAN MOUNTED POLICE**

## **1. RCMP BACKGROUND**

The Royal Canadian Mounted Police (RCMP) provides federal, provincial, territorial and municipal policing services to Canadians across 10 provinces, 3 territories, 150 municipalities, including Federal Police Services and Specialized Police Services in support of hundreds of other police and public safety agencies across Canada.

The current service pistol in use by the RCMP has exceeded its life expectancy. The RCMP is beginning the procurement process for a new and modern service pistol. There is a need to obtain a service pistol that offers a reduced trigger pull weight, various frame sizes and a reduction in overall weight. In enhancing public and officer safety the RCMP has also identified the need for a pistol-mounted flashlight and a Red Dot Sight (RDS). These additional items will improve officers shooting accuracy, officer's threat response time and allow for the officers to be threat focussed.

## **2. NATURE OF THIS REQUEST FOR INFORMATION**

This RFI is a consultative initiative, led by PSPC, on behalf of the RCMP, hereafter referred to as Canada. The purpose of this RFI is to solicit industry feedback and to gather commodity expertise and best practices to help inform Canada as it develops its requirements and statement of work for a new Service Pistol and various accompanying ancillaries.

This RFI is neither a call for tender nor a Request for Proposal (RFP). No agreement or contract will be entered into directly pursuant to this RFI. The issuance of this RFI is not to be considered in any way a commitment by Canada, nor as authority to potential respondents to undertake any work that could be charged to Canada. This RFI is not to be considered as a commitment by Canada to issue a subsequent RFP or award contract(s) for the work described herein.

Respondents are requested and to provide answers and feedback. Participation in this RFI is encouraged, but is not mandatory. There will be no short-listing of potential firms for the purposes of undertaking any future work as a result of this RFI. Similarly, participation in this RFI is not a condition or prerequisite for the participation in any potential subsequent RFP, or other type of solicitation.

The purpose of this Request for Information (RFI) is to achieve the following:

- a) Provide industry with an early opportunity to assess, comment and suggest changes to the requirement;
- b) Determine the capability of industry to satisfy the requirements;
- c) Request indicative costing information from industry in order to allow Canada to prepare its documents for Project Approval. Industry is asked to provide Rough Order of Magnitude (ROM) pricing for as many items as possible;
- d) Obtain industry feedback on any issues that would impact their ability to bid on the resulting solicitation and/or deliver on the department's requirements;
- e) Gather industry knowledge, expertise and recommendations with regard to best practices that would

increase the success of the solicitation and/or identify any risks that would impact the solicitation;

f) Enhance competition, access and fairness of the resulting solicitation; and

g) Inform industry and the government to ensure that the formal RFP process moves forward efficiently and has a high probability of success.

Industry is advised that Canada has engaged the assistance of PricewaterhouseCoopers LLC who have provided services including the review of content in preparation of this RFI document and/or who have had, or may have had, access to information related to the content of this or other documents related to this RFI.

### **3. PROCUREMENT ACTIVITIES AND CONSIDERATIONS**

Canada is intending to use the feedback it gathers from industry to assist with advancing a competitive procurement process(es) to acquire a Service Pistol and ancillaries.

Canada may award a resulting contract(s) with an initial firm period of ten (10) years (quantity 24,000 followed by irrevocable options (two (2) five (5) year optional periods with quantities of 1,000/year for the first option period, for a potential contract period of twenty (20) years.

The procurement process for this initiative may be subject to Domestic Trade Agreements and Comprehensive Land Claim Agreements, including the Nunavut Agreement.

### **4. RESPONSE COSTS**

Canada will not reimburse any respondent for any expenses incurred in responding to this RFI.

### **5. TREATMENT OF RESPONSES**

5.1 Use of Responses: Responses will not be formally evaluated. However, the responses received may be used by Canada to develop or modify procurement strategies or any draft documents contained in this RFI. Canada will review all responses received by the RFI closing date. Canada may, in its discretion, review responses received after the RFI closing date.

5.2 A review team composed of representatives of the RCMP and PSPC will review the responses. Canada reserves the right to hire any independent consultant, or use any Government resources that it considers necessary to review any response. Not all members of the review team will necessarily review all responses.

5.3 Canada may, at its discretion, contact any respondents to follow up with additional questions or for clarification of any aspect of a response.

5.4 Responses and feedback received will be summarized in a Summary of Feedback and Outcomes Report and published on BuyandSell.gc.ca upon the completion of the RFI consultation activities.

5.5 Early responses will be considered and are encouraged.

5.6 Each respondent is solely responsible for ensuring its response is delivered on time, to the correct location.

5.7 Each respondent should ensure that its name, return address, the solicitation number and the closing date appear legibly on the outside of the response.

5.8 Responses to this RFI will not be returned.

## **6. CONFIDENTIALITY OF SUPPLIER RESPONSES**

Although the information collected may be provided as commercial-in-confidence (and, if identified as such, will be treated accordingly by Canada), Canada may use the information to assist in drafting future solicitation or contract documents.

Respondents are encouraged to identify, in the information they share with Canada, any information that they feel is proprietary, third-party, or personal. Please note that Canada may be obligated by law (e.g. in response to a request under the *Access of Information and Privacy Acts*) to disclose proprietary or commercially-sensitive information concerning a respondent.

Respondents should mark any portions of their response that they consider proprietary or confidential. Canada will handle the responses in accordance with the *Access to Information Act*.

## **8. FORMAT OF RESPONSES**

Respondents are requested to provide their comments, concerns and, where applicable, alternative recommendations regarding how the requirements or objectives described in this RFI could be satisfied. Respondents are also invited to provide comments regarding the content, format and/or organization of any draft documents included in this RFI. Respondents should explain any assumptions they make in their responses.

**Cover Page:** If the response includes multiple volumes, respondents are requested to indicate on the front cover page of each volume the title of the response, the solicitation number, the volume number and the full legal name of the respondent.

**Title Page:** The first page of each volume of the response, after the cover page, should be the title page, which should contain:

- the title of the respondent's response and the volume number;
- the name and address of the respondent;
- the name, address and telephone number of the respondent's contact;
- the date; and
- the RFI number.

**Numbering System:** Respondents are requested to prepare their response using a numbering system corresponding to the one in this RFI. All references to descriptive material, technical manuals and brochures included as part of the response should be referenced accordingly.

**Electronic Format**

Respondents should submit their responses electronically in unlocked MS Word, PDF or compatible formats to the Contracting Authority.

**Language**

Respondents may submit their responses in either of Canada's Official Languages.

**9. ENQUIRIES AND SUBMISSION OF RFI RESPONSES**

All enquiries on this RFI must be directed to the PSPC Contracting Authority.

Interested suppliers must note that all communication pertaining to the subject matter of this RFI must exclusively be directed to the PSPC Contracting Authority. Interested suppliers must not communicate directly with RCMP stakeholders or with other Government of Canada representatives other than the PSPC Contracting Authority, regarding any aspect of this procurement process, including the subject matter described herein.

Any questions directed to the PSPC Contract Authority while the RFI is open, will be posted to [Canadabuy.ca](http://Canadabuy.ca) minus the respondents identity, along with the appropriate responses from Canada.

**PSPC Contracting Authority:**

PSPC will not necessarily respond to enquiries in writing or by circulating answers to all potential suppliers as this is not a solicitation process. However, respondents with questions regarding this RFI may direct their enquiries to the Contracting Authority named below:

Name: Keith Grosser  
Title: Supply Team Leader  
Division Munitions and Weapons Systems Division –BM

Address:  
Public Services and Procurement Canada  
11 Laurier Street  
Gatineau, Quebec  
K1A 0S5  
Canada

Email: [\\_keith.grosser@tpsgc-pwgsc.gc.ca](mailto:_keith.grosser@tpsgc-pwgsc.gc.ca)

**Time and Place for Submission of Responses:** Suppliers interested in providing a response must deliver to the contracting authority by the time and date indicated on the information cover page of this RFI.

**RFI Submission:** You must email [keith.grosser@tpsgc-pwgsc.gc.ca](mailto:keith.grosser@tpsgc-pwgsc.gc.ca)

**10. FAIRNESS MONITOR**

Canada intends to employ the use of a Fairness Monitor for this requirement. The Fairness Monitor will be involved throughout the entire procurement process.

**11. POTENTIAL SPECIFICATIONS FOR RCMP SERVICE PISTOL AND ANCILLARIES**

Canada intends to procure various ancillaries, in addition to the Service Pistol:

**The current list of ancillaries includes, but is not limited to:**

- a) Red Dot Sight (RDS)
- b) Weapon Light
- c) Carrying Case
- d) Holsters (Regular and Plain Clothes)

**Solicitation No. M7594-224467**

**Service Pistol Replacement**

**Royal Canadian Mounted Police**

**Annex A - Statement of Work**



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## **A. 1.0 INTRODUCTION**

### **i.1.1 Background**

The Royal Canadian Mounted Police (RCMP) is Canada's national police service and has policing mandates across the country at community, municipal, provincial, territorial and federal levels. The RCMP provides federal, provincial, territorial and municipal policing services to Canadians across 10 Provinces, 3 Territories, 150 Municipalities, and over 600 Indigenous Communities which includes providing both Federal Police Services and Specialized Police Services in support of hundreds of other police and public safety agencies across Canada.

The RCMP is a \$5B organization with approximately 30,000 employees including 19,000 police officers. The RCMP has more than \$1.3B in assets including 3,362 buildings and 14,749 vehicles across the country. The RCMP is committed to being progressive, proactive, and innovative (Royal Canadian Mounted Police, 2006) and, having a diverse and modern workforce (Government of Canada's diversity and inclusion priority), this requires that the RCMP's general duty (GD) pistol be examined from a Gender-based perspective (Gender-based Analysis+ (GBA+)). In doing so, the organization will ensure that all police officers across the country have the appropriate service pistol and ancillary equipment in addition to other equipment and uniforms to perform their duties as safely and effectively as possible. Many of these police officers work in rural and remote areas in approximately 750 detachments across Canada.

In addition, the current service pistol in use has exceeded its life expectancy of over 20 years. Canada is undertaking a procurement process for a new and modern service pistol. There is a need to obtain a service pistol that offers a reduced trigger pull weight, various frame sizes and a reduction in overall weight. In enhancing public and officer safety the RCMP has also identified the need for a Red Dot Sight (RDS) and Pistol-mounted flashlight.

### **ii.1.2 Objectives and Business Outcomes**

#### **1. 1.2.1 Expected Outcomes**

The Pistol Replacement project will provide police officers with a new modern pistol, ancillary equipment and the necessary training to use these items in a safe and operational manner. The following represents the expected outcomes as a result of this acquisition:

- a) Alignment with the Government of Canada's diversity and inclusion policies by leveraging Gender Based Analysis (GBA+) in the selection of the service pistols and ancillary equipment and training;
- b) Operational readiness and reliability of the in-service pistols;
- c) Canadians can rely on the police services to provide for their safety and security of the nations where officers are equipped with the most relevant equipment and trained to a high standard of competency and are appropriately equipped. As per section 124 of the Canada Labour Code, "Every employer shall ensure that the health and safety at work of every person employed by the employer is protected";
- d) Lifecycle management process that includes an embedded sustainment (also known as "evergreening") resulting in an established long-term planning, optimization and ultimate replacement of equipment assets; and

- e) Service Pistol specific benefits to the members are:
  - i) Reliable and modular, allowing for adaptability and weight reduction;
  - ii) Reduced trigger pull weight in line with GBA+ analysis;
  - iii) Uses a mounted flashlight to increase effectiveness in low light threat response; and
  - iv) Has a Red Dot Sight (RDS) for quicker and more accurate sight acquisition.

## **2. 1.2.2 Objectives of the Statement of Work (SOW)**

The objective of this SOW is to define the work, services and deliverables required of the Contractor in support of the RCMP's Service Pistol Replacement Project.

### **iii.1.3 Scope**

The RCMP is committed to ensuring that Canadians feel protected by, and have trust in their National Police Force. Canada is engaging the Contractor who will provide a service to deliver the service pistols and ancillary equipment, training material and support for the replacement of pistol parts and ancillaries. Canada intends to procure all items as a bundle which will see one contractor provide the pistol packages and associated accessories. Each pistol package is composed of a pistol, three magazines, RDS, LED weapon light, general duty holster, and a carrying case. The training pistol will be part of the procurement bundle however it will be accounted for outside of the pistol package. The pistol, inclusive of the training pistol, will be delivered with the RDS and LED weapon light mounted as a fully configured pistol. The scope of the Contractor's work encompasses:

- a) Supply of a service pistol with three (3) magazines;
- b) Supply of a RDS;
- c) Supply of a LED weapon light;
- d) Supply of a general duty holster;
- e) Supply of a pistol carrying case;
- f) Supply of a training pistol with three (3) magazines;
- g) Supply all requisite tools and test equipment for two separate armouries;
- h) Provide armourer training for the pistol, RDS, LED weapon light, training pistol and holster;
- i) Provide the Armoury in Regina, Saskatchewan and Ottawa, Ontario with a Factory Service Designation and Warranty Depot Designation for the pistol;
- j) Provide train-the-trainer training for RCMP basic firearms instructors on the pistol, RDS, LED weapon light, training pistol and holster;
- k) Supply all training material in both of Canada's Official Languages (i.e. French and English) for Armourers and Basic Firearms Instructors with requisite user's manuals and technical specifications for the pistol, RDS, LED weapon light, training pistol and holster;
- l) Provide on call, technical service support to RCMP armourers for the pistol, RDS, LED weapon light, training pistol and holster; and
- m) Provide warranty service support for the pistol, RDS, LED weapon light, training pistol and holster.

#### **iv.1.4 Project Phases - Tasks and Deliverables (TD)**

This section provides a summary of the project phases and associated tasks and deliverables that must be completed by the contractor. The Contractor must ensure the packaging of all items, the authenticity of the equipment, serialization, warranties, delivery and tracking system, importation processing activities and authorizations from the Country of Origin into Canada (if applicable), and any other activities related to the acquisition of the pistols and ancillaries.

The project will be conducted in three phases, some of which will occur simultaneously. See Figure 1 which outlines the phases and desired timelines below. The project phases along with a high level description are as follows:

##### **1. 1.4.1 Phase 1 - Asset Delivery and Management**

The asset delivery and management phase will commence no later than six (6) months after contract award when the contractor will begin delivering pistol packages, training pistols, as well as tools and test equipment. Should Canada wish to acquire an initial optional spare parts or a maintenance kit package, they will be delivered in this phase as well. This Phase will be conducted in two stages in order to ensure that armourers and the basic firearms instructors (train-the-trainer cadre) are equipped and trained prior to the broader organization. The Contractor's responsibilities as well as a detailed breakdown of deliverables are described in Section 2.2 Phase 1 - Asset Delivery and Management - Tasks and Deliverables (TD1) - Service Pistol Packages, Training and Service Support Delivery, under Section 2.0 Contractor Tasks and Deliverables.

- a) **Stage 1 Initial Delivery** - Delivery of all items required to support the training of armourers and trainers. This stage will be highlighted by the initial delivery of pistol packages and the required tools, test equipment, optional maintenance kits, and optional spare parts to support the full roll-out of the pistol packages to the Armoury in Ottawa, Ontario and Regina, Saskatchewan. A small quantity of training pistols will be delivered during this stage. This stage begin no later than six (6) months after contract award; and
- b) **Stage 2 Full Delivery** - Delivery of all remaining pistol packages and all remaining training pistols to the Armoury locations in Ottawa, Ontario and Regina, Saskatchewan. This stage will see the delivery of all training pistols and as required, optional maintenance kits or spare parts. This stage will see staggered deliveries starting from the completion of Stage 1 and continue for three (3) years after contract award.

##### **2. 1.4.2 Phase 2 - Armourer and Basic Firearms Instructor Training**

The contractor will deliver armourer and basic firearms instructor (train-the trainer) training no later than seven (7) months after contract award. Training will be conducted at the Armoury in Ottawa, Ontario and Regina, Saskatchewan, with an option to conduct training at the contractor's location at Canada's discretion. Training will be conducted in two stages as follows:

- a) **Stage 1 Armourers Training** - Training will be provided on all items included in the Pistol Package as well as the training pistol to warrant the armourers a Factory Service Designation to perform weapon maintenance as well as a Warranty Depot Designation. Armourers will be provided a technical introduction on the RDS, LED weapon light, training pistol and holster such that they are able to perform all operator level maintenance on these ancillary items; and
- b) **Stage 2 Basic Firearms Instructor Training** - The training will be provided on all items included in the Pistol Package as well as the training pistol to ensure that trainers are able to confidently train regular members on the safe and operational use of all products in this requirement.

The Contractor's responsibilities are described in Section 2.3 Phase 2 - Armourer and Train-the-Trainer Training - Tasks and Deliverables (TD2) - Service training and Documentation, under Section 2.0 Contractor Tasks and Deliverables.

### **3. 1.4.3 Phase 3 - Service Support**

The service support phase will start immediately after the first deliveries of the pistol packages in Phase 1 Stage 1. Furthermore, after the completion of armourer training in Phase 2 Stage 1, the RCMP armourers will hold both a Factory Service and Warranty Depot designation for the pistol. The contractor is expected to provide service support that includes all aspects of obligations for all items, the provision of technical support to the RCMP for all items, evergreening services, product reporting and tracking, as well as the provision of optional maintenance kits and spare parts when called upon to do so. Service support will continue throughout the duration of the contract. The Contractor's responsibilities are described in Section 2.4 Phase 3 - Service Support - Tasks and Deliverables (TD3) - Service Support, under Section 2.0 Contractor Tasks and Deliverables.

## Service Pistol Replacement Phases, Tasks and Deliverables (TD)

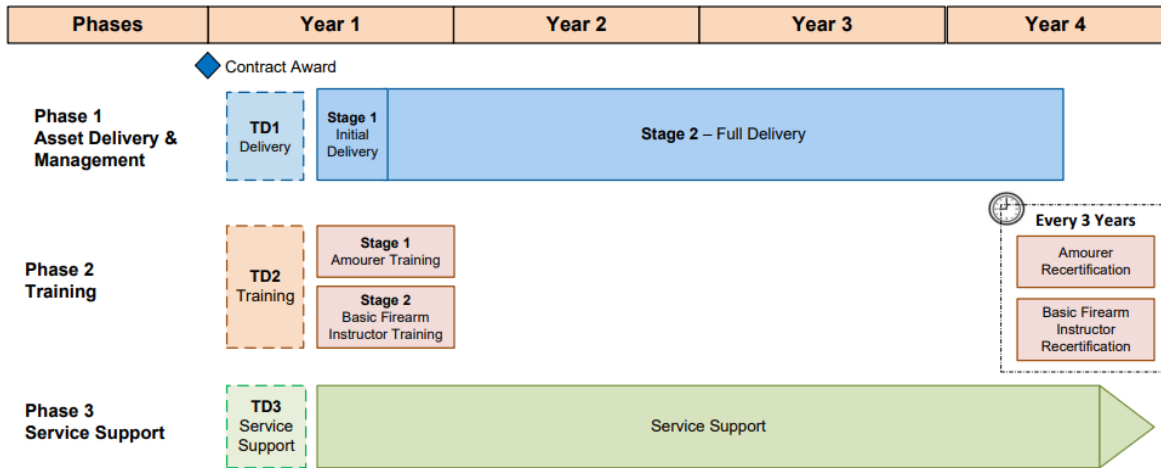


Figure 1 - Pistol Replacement Project - Phases, Tasks and Deliverables (TD)

### B. 2.0 CONTRACTOR TASKS AND DELIVERABLES

#### i.2.1 Overview

This section defines the tasks and deliverables that the Contractor must complete including the associated timeframes in which they must be completed. The project will be conducted in three phases, some of which will occur simultaneously. The project phases along with a detailed description outlined in sections 2.2 through 2.3.

#### ii.2.2 Phase 1 - Asset Delivery and Management - Tasks and Deliverables (TD1) - Service Pistol Packages, Training and Service Support Delivery

##### 1. 2.2.1 Overview

Canada intends to procure all items as a bundle which will see the contractor provide the pistol packages and associated accessories. Each pistol package is composed of a pistol, three magazines, RDS, LED weapon light, general duty holster, and a carrying case. The pistol will be delivered with the RDS and LED weapon light mounted as a fully configured pistol. In addition, the procurement will also include fully configured training pistols. Upon delivery of all items, Canada will complete an inspection and testing of all items to ensure that they are in good technical and operational condition noting any damages and defects that may have been caused during transportation or the manufacturing process. Any equipment that is either damaged, non-functional or has defects will be returned directly to the Contractor following the contract directives. The specifics of the spare parts, tools and test equipment is relative to the type of pistol and ancillaries provided by the Contractor.

## **2. 2.2.2 Scope of Contractor's Service**

The Asset Delivery and Management Phase will begin six (6) months after the Contract Award. During this phase, the Contractor will deliver all service pistols, ancillary equipment, training pistols, tools and test equipment, as well as the optional maintenance kits and spare parts for the pistols and ancillaries. Optional maintenance kits and spare parts must be made available for the duration of the warranty period for each of the products included within the procurement as well as the full- service life of the pistol. The Contractor's work will be conducted in two stages:

### **a. 2.2.2.1 Phase 1 Stage 1 - Initial Delivery**

The initial delivery of armoury equipment will be completed no later than six (6) months after contract award. Phase 1 Stage 1 has the objective of delivering all of the required equipment to support the training of armourers and firearms instructors. This stage will be highlighted by the initial delivery of pistol packages distributed equally between the Armoury in Ottawa, Ontario and Regina, Saskatchewan. These items will be used to support the armourer and the Basic Firearms Instructor training which will occur in Stage 2. This Stage will also include the delivery of the required armourer tools and test equipment, a small quantity of training pistols as well as the optional maintenance kits and spare parts to support the full roll-out of all products. All maintenance kits and spare parts that are supplied must be of the same quality as those originally supplied under the bid submission , and any necessary improvements or changes to parts must be approved by the RCMP Technical Authority which resides in the National Armourers Program (NAP).

### **b. 2.2.2.2 Phase 1 Stage 2 - Full Delivery**

The full delivery of the armoury equipment will commence immediately following the completion of Stage 1 and will continue for a period of three (3) years after Contract Award . This stage will consist of the high- volume delivery at intervals to be negotiated for the remaining pistol packages and training pistols. Deliveries will be made to Armoury locations in Ottawa, Ontario and Regina, Saskatchewan.



**c. 2.2.2.3 Conditions of Pistols and Ancillaries**

All pistols, ancillaries, optional maintenance kits and optional spare parts should be made of material and components that meet or exceed the following:

- a) Be new and not previously used;
- b) Be of "first quality" designation;
- c) Be free from imperfections;
- d) Be governed by quality assurance systems to ensure consistent quality; and
- e) Be of consistent colour throughout the period of the contract .

All workmanship used in the construction of the finished product(s) must continue to meet specifications in the SOR and OEM quality evaluated for contract award, including where exercised, extension periods.

During the period of the contract, the production/distribution facilities of the Contractor may be visited and inspected by representatives of Canada.

Canada reserves the right to perform any inspection and testing (destructive and/or non destructive) considered necessary to ensure the material and services conform to the specified requirements. Testing may include, but not be limited to, workmanship, quality, material, and compliance to specifications. Should it be determined that the deliverables do not meet the specifications as per the contract, the Contractor must replace all defective equipment and spare parts defined in the contract at no cost to Canada.

**d. 2.2.2.4 Identification Labels**

The Contractor must ensure that all items, inclusive of maintenance kits and optional spare parts, are identified by a serial number/ ID number provided by the manufacturer. The number must be applied directly on the equipment or equipment parts in the form of either a label, bar code or be engraved on each component assembly, which is in accordance with the Firearms Act<sup>a</sup> on Firearms Marking Regulations SOR/2004-275 (ref <https://laws-lois.justice.gc.ca>).

**e. 2.2.2.5 Shipment**

Equipment must be packaged and shipped to the identified RCMP Armouries at a distribution and timing to be confirmed with the contractor. General timelines are outlined in Figure 1 of Section 1.4 Project Phases - Tasks and Deliverables (TD). The locations of shipment for phase 1 are as follows:

- a) Phase 1 Stage 1 - Technical and Protective Operations Facility (TPOF), 1426 St Joseph Blvd, Orleans, Ontario, K1C 7K9 and RCMP Armoury, Olivier Crescent, Regina, Saskatchewan, S4T 0P4.

- b) Phase 1 Stage 2 - Technical and Protective Operations Facility (TPOF), 1426 St Joseph Blvd, Orleans, Ontario, K1C 7K9 and RCMP Armoury, Olivier Crescent, Regina, Saskatchewan, S4T 0P4.

**f. 2.2.2.6 Service Disruption**

The Contractor must submit to Canada, a procedure for notifying Canada in the event of significant changes to its service delivery and support structure such as:

- a) Delivery delays lasting 5 or more business days due to severe weather conditions or a breakdown in the courier/shipping delivery network;
- b) Changes to the Supplier's/Manufacturer's operations; and
- c) Changes to and within the Supplier's/Manufacturer's account management team.

In the event of disruptions such as a power outage, a strike, or disruptions of Manufacturer's supply chain, the Contractor must provide Canada with timely and adequate status updates.

**g. 2.2.2.7 Contractor Tasks and Deliverables**

The Contractor must successfully complete the tasks and deliverables described in Table 2-1: Tasks and Deliverables (TD1) - Pistol Packages, Training and Service Support Delivery Tasks and Deliverables with the associated timeframes.

Tasks of the Contractor	Description and Deliverables	Schedule
1. Provide a Tracking System for Shipments of Equipment	<p>The Contractor must provide Canada with the shipment logistics and provide a tracking system for Canada to track shipment and docking stations including:</p> <ol style="list-style-type: none"> <li>1. Asset number;</li> <li>2. Date ordered;</li> <li>3. Date shipped; and</li> <li>4. Shipping destination/location.</li> </ol> <p>The Contractor must enable Canada's authorized representatives to input and track:</p> <ol style="list-style-type: none"> <li>1. Name of Canada's authorized representative submitting the order; and</li> <li>2. Date delivered to Canada's designated location.</li> </ol> <p><b>Deliverable:</b></p> <p><b>Delivery (D)-01: Tracking System</b></p>	Tracking Logistics must be delivered 5 business days before each shipment.

Tasks of the Contractor	Description and Deliverables	Schedule
2. Deliver Shipment Report	<p>The Contractor must package the pistol and ancillaries into a bundle, referred to as a pistol package (includes pistol and 3 magazines, RDS, LED weapon light, holster and carrying case) and shipped as a unit. For ease of logistics the training pistols, based on required quantities, can be packaged as part of the bundle or shipped separately, however it must be tracked as a separate line item with a supporting shipment report. The pistol packages must be packaged in a container to minimize the possibility of damage during shipping and identify if the package has been opened during shipping.</p> <p>The Contractor must report to Canada without delay on any missing shipments of equipment prior to their arrival at Canada's designated sites and make all reasonable efforts to find and retrieve any and all missing pistol packages destined for a Canada designated location.</p> <p><b>Deliverable:</b></p> <p><b>D-02: Shipment Report</b></p>	Deliver Shipment Report at Phase 1 Stage 1 and at every delivery in support of Phase 1 Stage 2.
3. Deliver Pistol Packages, Tools and Test Equipment - Phase 1 Stage 1 - Initial Delivery	<p>The Contractor must deliver the requisite number of Pistol Packages and Training pistols equally split between two locations as well as requisite tools and test equipment to the Armoury in Ottawa, Ontario and Regina, Saskatchewan. The armouries operate as separate entities therefore tools and test equipment must be provided to support both facilities such that they can operate independently. These items will support initial cadre training of armourers, basic firearms instructors, and service support requirements.</p> <p><b>Deliverable:</b></p> <p><b>D-03: Phase 1 Stage 1</b></p>	Must be received by Canada at the Armoury in Ottawa, Ontario and Regina, Saskatchewan, no later than 6 months after contract award.

Tasks of the Contractor	Description and Deliverables	Schedule
4. Deliver Pistol Packages and Training Pistol - Phase 1 Stage 2 - Full Delivery	<p>The Contractor must deliver all remaining Pistol Packages and training pistols to the Armoury in Ottawa, Ontario and Regina Saskatchewan.</p> <p><b>Deliverable:</b></p> <p><b>D-04: Phase 1 Stage 2</b></p>	<p>Must be received by Canada at a designated Armour in the frequency and quantities identified by Canada. These details will be confirmed at contract award. Delivery will be phased from approximately 7 months after contract award until 2026.</p>
5. Return Services of Damaged Asset or Assets that have Defects - Phase 1 Stage 1 and Stage 2	<p>The contractor must repair or replace any item within the Pistol Package or with the training pistol that has defects or have been damaged during shipment from the contractor or its suppliers.</p> <p>The Contractor must provide the following:</p> <p>Provide and maintain policies and procedures for reporting, replacement and returns of non-functioning pistols and ancillaries;</p> <p>Document the reasons for the item's failure and the resolution, including whether it was repaired or replaced along with the asset number, date and, location and any other pertinent information of the failure and resolution;</p> <p>The Contractor must use its own system to track defects, repairs and replacements.</p> <p>The Contractor must plan and coordinate the shipping of the repaired / replacement of pistols, ancillaries, accessories and optional maintenance kits and optional spare parts back to Canada. The Contractor must report to Canada without delay on any missing shipments prior to their arrival at Canada's designated sites and make all reasonable efforts to find and retrieve any and all missing armoury equipment destined for a Canada designated location.</p> <p><b>Deliverables:</b></p> <p><b>D-05: Policies and Procedures on Repairs and Replacements Products</b></p>	<p>Deliver repairing services or replacement of the damaged equipment received during Phase 1 Stage 1 and Stage 2.</p> <p>Provide a summary report of Support Services every 6 months commencing after the completion of Phase 1 Stage 1.</p> <p>Deliver Shipment Report at every delivery or repaired / replaced armoury equipment</p>

Tasks of the Contractor	Description and Deliverables	Schedule
	<p><b>D-06: Bi-Annual Report on Support Services including Repairs and Replacement Products</b></p> <p><b>D-07: Shipment Report of Repaired / Replacement Products</b></p>	
6. (Optional) Deliver Optional Maintenance Kits and Optional Spare Parts - Armoury Inventory	<p>The Contractor must ship the required number and type of optional maintenance kits and optional spare parts in support of the pistol, RDS, and LED weapon light throughout the contract to the designated armoury locations (Ottawa and Regina) in Canada.</p> <p><b>Deliverable:</b></p> <p><b>D-08: Optional Maintenance Kits and Optional Spare Parts Delivery</b></p>	Must be received by Canada at the Armoury in Ottawa, Ontario and Regina, Saskatchewan, on an agreed date and/or frequency.

**Table 2-1: Tasks and Deliverables (TD1) - Service Pistol Packages, Training and Service Support Delivery**

### **3. 2.2.4 Warranty and Returns**

The Contractor must specify the Manufacturer's warranty for all materials and workmanship, and provide documentation to support the same. Documentation should include specifics of the warranty for each item. The following represents the minimum warranty period and considerations that the contractor must provide to Canada:

- a) The service pistol must have a warranty period of ten (10) years or a minimum warranty service life of 10,000 rounds, whichever comes first;
- b) The RCMP Armoury must be accepted as the warranty centre (depot) for the pistol and any warranty claims and warranty parts be kept at or be made available to the RCMP armoury within 60 calendar days of request;
- c) The service pistol must have a service life on major components (i.e. frame, slide and barrel) that exceeds 20,000 rounds;
- d) The RDS must have a minimum warranty period of two (2) years ;
- e) The LED weapon light must have a minimum warranty period of two (2) years on switches and electronic components;
- f) The holster must have a minimum warranty period of five (5) years;
- g) The training pistol must have a minimum warranty period of ten (10) years, not inclusive of the barrel;
- h) Optional maintenance kits and optional spare parts for each item within the pistol package and the training pistol must be made available for the duration of the warranty period with continued availability throughout the service life of that item;
- i) Shipping charges for the return and replacement of items under warranty will be the responsibility of the Contractor. In the event that a product is found to be of incorrect color, construction or style, or is deemed unsuitable by Canada, it must be replaced with a new product (same item) at no additional cost to Canada and treated as a special rush order and delivered in a timeframe acceptable to Canada; and
- j) In the event that an item ordered fails to meet Canada's standards, or is not as ordered, the shipping costs are to be at the expense of the Contractor. The incorrect or defective Deliverables received must be returned to the Contractor, freight collect, for full credit or exchange, at Canada's option. Canada will not be responsible to pay for restocking fees, if applicable, if a product ordered fails to meet their standards or there was an error by the Contractor.

### **i.2.3 Phase 2 - Armourer and Train-the-Trainer Training - Tasks and Deliverables (TD2) - Service training and Documentation**

#### **1. 2.3.1 Overview**

This phase will be conducted in two stages and will include the training of two groups of RCMP personnel to include the Armourers and a Train-the-Trainer cadre. To commence no later than the completion of Phase 1 Stage 1, this contractor-led training will be conducted in Ottawa, Ontario and Regina, Saskatchewan with an off-site option. Training, technical, manufacturers specifications, warranty and all other relevant information documentation must be provided by the contractor, in both of Canada's official languages (French and English), for both Stages of training. The training of both groups may be conducted simultaneously or sequentially however it must be completed no later than seven (7) months after Contract Award. The final duration as well as the content of each Stage will be agreed upon by both parties.

#### **2. 2.3.2 Scope of Contractor's Service**

The Armourer and Train-the-Trainer Training Phase will begin no later than seven (7) months after Contract Award. During this phase, the Contractor will deliver all training necessary for the RCMP to support and train their members on all items within the pistol package as well as the training pistol. The Contractor's work will be conducted in two stages:

##### **a. 2.3.2.1 Phase 2 Stage 1 - Armourer Training**

The armourer training will be completed no later than seven (7) months after contract award and it must be delivered in person at the armourer's location in Ottawa, Ontario and Regina Saskatchewan, with an option to provide training at the Contractor's location. The training will cover all items included in the Pistol Package as well as the training pistol in order to ensure that armourers warrant a Factory Service Designation to perform weapon maintenance and a Warranty Depot Designation. The contractor will ensure that the armourers are capable of performing a routine level of maintenance on all ancillary items as well as the training pistol. The proposed training duration and content will be confirmed by the contractor. The contractor is responsible for delivering refresher training to armourers every three (3) years throughout the duration of the contract.

##### **b. 2.3.2.2 Phase 2 Stage 2 - Basic Firearms Instructors Training**

The Basic Firearms Instructors training will be completed no later than seven (7) months after contract award and it must be delivered in person at training locations in Ottawa (Ontario) and Regina (Saskatchewan), with an option to provide training at the Contractor's location. The training will cover all items included in the Pistol Package as well as the training pistol in order to ensure that the firearms instructor cadre are able to confidently train regular members on the safe and operational use of all products. The proposed training duration and content will be confirmed by the contractor. The contractor is responsible for delivering refresher training to the armourers and train-the-trainer cadre every three (3) years throughout the duration of the contract.

At a minimum, Train-the-Trainer Training must include but not be limited to:

- a) The safe use and operation of the pistol to include classroom training as well as the firing of live ammunition with a fully configured pistol;
- b) The safe use and operation of all ancillaries to include the RDS, LED weapon light, and General Duty Holster;
- c) The safe use and operation of the training pistol to include classroom training as well as the firing of marker ammunition;
- d) Operator level pistol maintenance for the purposes of ensuring safe use, assembly, disassembly, cleaning, iron sight adjustment, grip change, and requisite inspections of the equipment; and
- e) Zeroing of the RDS.

### 3. 2.3.3 Contractor Tasks and Deliverables

During the Training Phase, the Contractor must, at a minimum, successfully complete the tasks and deliverables described in Table 2-2: Tasks and Deliverables (TD2) - Service Training and Documentation, below, and within the associated timeframes.

Tasks of the Contractor	Description and Deliverables	Schedule
1. Deliver Armourer Training	<p>The Contractor must deliver the Armourer training including the provision of course documentation, technical and operational specifications of the pistol, pistol parts, Red Dot Sight, LED weapon light, general duty holster and training pistol. This includes the provision of armourer maintenance and technical specifications documentation in both of Canada's official languages for all products.</p> <p>The RCMP Armouries in Ottawa, Ontario and Regina, Saskatchewan must receive a Factory Service Designation and Warranty Depot Designation for the Pistol.</p> <p>Training must be conducted at the RCMP Armoury in Ottawa, Ontario and Regina, Saskatchewan, or at an approved optional location.</p> <p><b>Deliverable: Training (TR)-01: Armourer Training</b></p>	<p>Armourers Training must be completed no later than seven (7) months after Contract award.</p> <p>Training logistics including course content, duration, number of serials and location(s) must be finalized a minimum of 30 days prior to the proposed training sessions.</p>
2. Deliver Basic Firearms Instructor Training	<p>The Contractor must deliver the Basic Firearms Instructor training including the provision of course documentation, technical and operational specifications of the pistol, pistol parts, Red Dot Sight, LED weapon light, general duty holster and training pistol. This includes the provision of operator level maintenance and technical specifications documentation in both of Canada's official languages for all products.</p>	<p>Basic Firearms Instructor Training must be completed no later than seven (7) months after Contract award.</p> <p>Training logistics including course content, duration, number of serials and</p>



	<p>Training must be conducted at the RCMP Armoury in Ottawa, Ontario and Regina, Saskatchewan, or at an approved optional location.</p> <p><b>Deliverable: TR-02: Basic Firearms Instructor Training</b></p>	<p>location(s) must be finalized a minimum of 30 days prior to the proposed training sessions.</p>
3. Deliver Armourer Refresher Training	<p>The Contractor must deliver Armourer refresher training including the provision of updated documentation, updated technical and updated operational specifications of the pistol, pistol parts, Red Dot Sight, LED weapon light, general duty holster and training pistol. This includes the provision of updated armourer maintenance and technical specifications documentation in both of Canada's official languages for all products.</p> <p>Training must be conducted at the RCMP Armoury in Ottawa, Ontario and Regina, Saskatchewan, or at an approved optional location.</p> <p><b>Deliverable: TR-03: Armourer Refresher Training</b></p>	<p>Must be completed every three years after contract award.</p> <p>Training logistics including course content, duration, number of serials and location(s) must be finalized a minimum of 30 days prior to the proposed training sessions.</p>
4. Deliver Basic Firearms Instructor Refresher Training	<p>The Contractor must deliver the Basic Firearms Instructor refresher training including the provision of updated course documentation, updated technical and updated operational specifications of the pistol, pistol parts, Red Dot Sight, LED weapon light, general duty holster and training pistol. This includes the provision of updated operator maintenance and technical specifications documentation in both of Canada's official languages for all products.</p> <p>Training must be conducted at the RCMP Armoury in Ottawa, Ontario and Regina, Saskatchewan, or at an approved optional location.</p> <p><b>Deliverable: TR-04: Basic Firearms Instructor Refresher Training</b></p>	<p>Must be completed every three years after contract award.</p> <p>Training logistics including course content, duration, number of serials and location(s) must be finalized a minimum of 30 days prior to the proposed training sessions.</p>

**Table 2-2: Tasks and Deliverables (TD2) - Service Training and Documentation**

## **i.2.4 Phase 3 - Service Support - Tasks and Deliverables (TD3) - Service Support**

### **1. 2.4.1 Overview**

The Service Support Phase will start immediately after the first deliveries of the pistol packages. The contractor is expected to provide warranty and service support to the RCMP Armouries, with Factory Service and Warranty Depot designations, in Ottawa, Ontario and Regina, Saskatchewan throughout the duration of the contract. The Contractor must work closely with Canada to manage the obsolescence and evergreening of all items within the pistol package inclusive of the training pistol. This will include open communication about items that are obsolete, nearing obsolescence, no longer manufactured or if an equivalent or upgraded version is available. Optional maintenance kits and optional spare parts that are provided by the contractor must be of the same quality as those originally supplied under the initial contract, and any necessary improvements or changes to parts must be approved by the RCMP Technical Authority which resides in the National Armourers Program (NAP).

### **2. 2.4.2 Scope of Contractor's Service**

The Service Support phase will see the Contractor provide warranty and technical support in order to ensure that all products continue to meet all required capabilities throughout the contract period. The Contractor's work will include:

- a) The Contractor must replace a damaged General Duty Pistol in accordance with provisions of the warranty;
- b) The Contractor must replace a damaged RDS in accordance with provisions of the warranty;
- c) The Contractor must replace a damaged LED weapon light in accordance with provisions of the warranty;
- d) The Contractor must replace a damaged Holster in accordance with provisions of the warranty;
- e) The Contractor must replace a damaged training pistol in accordance with provisions of the warranty;
- f) The Contractor must replace a damaged carrying case in accordance with provisions of the warranty;
- g) The Contractor must replace damaged optional maintenance kits or optional spare parts in accordance with provisions of the warranty;
- h) The Contractor must provide technical support to the RCMP Armourers for all items within the procurement; and
- i) Optionally priced extended warranty on pistol barrels.

3.

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### **5. 2.4.3 Evergreening Services**

The Contractor must provide Canada with a bi-annual Innovation Assessment Report that identifies and provides recommendations on new or emerging technologies as well as innovative services that may be of interest to the RCMP. This is to be inclusive, but not limited to, the pistol, RDS, LED weapon light, holster and training pistol. The Innovation Assessment Report would:

- a) be based on the Contractor's on-going research into new technologies and leading industry practices;
- b) identify, prioritize, and assess new technologies and innovations that would enhance the Pistol and Ancillaries Service (RDS, weapon light, holster and training pistol); and
- c) identify law enforcement industry trends and innovations which could be applied to Pistol and Ancillary service support.

The Contractor must notify Canada at least 6 months in advance of any intent by any of the product manufacturers to cease production, introduce a new generation, concerns about product obsolescence or of the intent to significantly alter any of the items to include the pistol, RDS, LED weapon light, holster or training pistol. The contractor is also expected to identify to Canada additional training requirements to support the safe and operational introduction of these items into service with the RCMP.

The most recent Innovation Assessment Report will be consulted when evaluating the replacement of these products based on manufacturers' technical and operational documentation. It is in Canada's intent to consider these advancements and innovations every seven (7) years for the RDS, the LED weapon light and the holster, and after ten (10) years for the general duty and training pistols from the in-service date. The in-service date is the date on which Canada receives the asset, in good working order, at its designated location.

Should Canada wish to consider bringing into service a new generation or a replacement product, Canada reserves the right to review, through a combination of functional examinations and testing in order to ensure compliance with the terms of the Contract including the stated operational requirements. Canada reserves the right to refuse the new generation or replacement model after completing the reviews. If a decision is made to introduce a proposed new generation or replacement product, the contractor must provide requisite armourer and basic firearms instructor training no later than delivery of the subject items and at a time and location to be agreed upon with Canada. Training delivery will include the associated technical and training manuals in both of Canada's official languages (i.e. French and English).

The Contractor must coordinate with Canada the purchase and delivery in accordance with the tasks and deliverables outlined in Table 2-1: Tasks and Deliverables (TD1) - Service Pistol Packages, Training and Service Support Delivery.

The Contractor must deliver the training to armourers and basic firearms instructors on the new generation product(s) as outlined in Table 2-2: Tasks and Deliverables (TD2) - Service Training and Documentation.

The Contractor must provide Service Support starting immediately after the first deliveries of the new generation products as outlined in Table 2-3: Tasks and Deliverables (TD3) - Service Support.

#### 6. 2.4.5 Contractor Tasks and Deliverables

During the Service Support Phase, the Contractor must, at a minimum, successfully complete the tasks and deliverables outlined below:

Tasks of the Contractor	Description and Deliverables	Schedule
1. Process Service Call / OnLine Order Requests - Inventory Upkeep	The Contractor must deliver the assets requested from the Service Call Order or Online Order for the purpose to replenish the armoury inventory.  <b>Deliverable: Service Support (SS)-01: Service Order Call / Online Order Delivery</b>	Must be received by Canada at designated locations within 30 days after order submission.

Tasks of the Contractor	Description and Deliverables	Schedule
2. Warranty Services	<p>The contractor must replace any pistol, RDS, LED weapon light, carrying case, training pistol, or optional maintenance kits, and optional spare parts that either have defects or have been damaged during shipment from industry. The Contractor's warranty replacement process must not inhibit an officer from having a functional pistol at all times.</p> <p>The Contractor must provide the following:</p> <ol style="list-style-type: none"> <li>1. Provide and maintain policies and procedures for reporting, replacement and returns of non-functioning pistols, RDS, LED weapon light, magazines, holster, carrying case, training pistol, and optional items.</li> <li>2. Document the reasons for the pistol and ancillary failure and the resolution, including whether it was replaced or decommissioned along with the asset number, date and, location and any other pertinent information of the failure and resolution;</li> <li>3. Track the useful warranty lifecycle for pistols and ancillaries and ensure any required updates are applied as necessary.</li> </ol> <p>The Contractor must use its own system to track warranty replacement and resolutions.</p> <p><b>Deliverables:</b>  <b>SS-02: Policies and Procedures on Product Warranty</b>  <b>SS-03: Bi-Annual Report on Support Services including Warranty Replacements</b></p>	<p>Deliver warranty and replacement services for damaged equipment on an ongoing basis post stage 2 delivery and until the end of contract.</p> <p>Provide a warranty summary report to Canada every 6 months.</p>
3. Returned Shipping of Replaced Pistols and Ancillaries	<p>The Contractor must plan and coordinate the return shipping of pistols, RDS, LED weapon light, magazines, holster, carrying case, training pistol, and optional maintenance kits and optional spare parts, including providing return shipping containers (e.g. boxes) as required.</p> <p>The Contractor must report to Canada without delay on any missing shipments of the item prior to their arrival at Canada's designated sites and make all reasonable efforts to find and retrieve any and all missing items destined for a Canada designated location.</p> <p><b>Deliverable: SS-04: Shipment Report of Replacement Items</b></p>	Deliver Shipment Report at every delivery

Tasks of the Contractor	Description and Deliverables	Schedule
4. Track Lifecycle of Pistols and Ancillaries and Propose a Replacement Model	<p>The Contractor must track the lifecycle of the pistols, RDS, LED weapon light, magazines, holster, carrying case, training pistol, and optional maintenance kits and optional spare parts and replace them with the most recent model(s) (replacement model) that are compliant to technical and operational specifications (statement of requirements) or provide a modern version with advanced features because of the new technology (*see Innovation and evergreening para 6).</p> <p>The Contractor must notify Canada at least 6 months in advance of its intent to introduce new models. The Contractor must submit within 10 days following the notification all documentation of the new model including manufacturer's technical and functional specifications and test results (if applicable).</p> <p>The contractor will follow contract directives in the renewal of the ancillaries as well as handling and shipping.</p> <p><b>Deliverables:</b>  <b>SS-05: End-of-life Report of Pistol and Ancillaries</b>  <b>SS-06: Documents (specs and operational functions on the replacement pistol / ancillary</b></p>	<p>Notification must be done at least 6 months in advance of its intent to introduce new models.</p> <p>Documentation of the new model must be submitted at least 10 days after notification.</p>
5. Innovation Services - Evergreening of the Pistol, RDS, Weapon Light and Holster	<p>The Contractor must provide Canada with semi-annual updates and briefings on innovation services, and provide strategic recommendations and advice on innovations relevant to the Pistol and Ancillaries (RDS, weapon light and holster) Service,</p> <p><b>Deliverable: SS-07: Briefings and Innovation Assessment Report</b></p>	<p>Deliver Briefings and Innovation Assessment Report every 6 months (bi-annually) starting at the 2nd year post contract award.</p>

**Table 2-3: Tasks and Deliverables (TD3) - Service Support**

~~All Operational Services must be performed in accordance with the contract agreement (Refer to Appendix B – Service Level Agreement).~~

## **E. 3.0 OTHER CONTRACT SERVICES**

On an as-and-when-requested basis, the Contractor must work with Canada to provide cost, schedule, and scope estimates and proposed approaches in response to any requests for Additional Services described below at no charge to Canada.

### **i.3.1 Operations Governance**

The Contractor must submit and obtain Canada's approval for a Governance approach that includes, at a minimum the following elements:

- a) The Contractor's organizational structure for managing and overseeing the Contract;
- b) Identification of the individuals assigned to key roles in the Contractor's organizational structure who are responsible for supporting the Pistols, ancillary equipment and training pistols;
- c) The process for replacing individuals assigned to key roles in the Contractor's organizational structure who are responsible for supporting the Pistols, ancillary equipment and training pistols;
- d) Decision-making authorities and processes for day-to-day operation of the Pistols, ancillary and training pistols;
- e) The method for monitoring and reporting on service level performance and remediating identified deficiencies; and
- f) Innovation services.

The Contractor must maintain the Governance approach throughout the lifetime of the Contract.

### **ii.3.2 Contract Management**

The Contractor agrees to have a dedicated account representative in place at contract signing who will meet with Canada on a regular basis, no less than semi-annually but as frequently as required by Canada, to discuss any issues or concerns and ensure the efficient running of the contract. Such communication may cover the entire scope of the Contract including, but not limited to, warranty, support services, customs, or opportunities to maximize value and reduce costs, administrative issues, and Contractor performance issues. The manner and time of communicating through meetings or teleconferences, etc., will be arranged with the Contractor as required after the Contract has been issued.

### **iii.3.3 Research and Development**

Upon the request of Canada, the Contractor must commit to providing a subject matter expert who can collaborate in areas where innovation, technical improvement, and other areas of research and development can be explored in a collaborative or independent manner. This can be related to any of the products, but not limited to, the Pistol, ancillaries and training pistol.

Annex A: RCMP Service Pistol Statement of Requirement

Overview

The Royal Canadian Mounted Police (RCMP) requires a new service pistol to support operations. This document comprises the Statement of Requirement (SOR), detailing the characteristics and technical specifications in accordance with the operational requirements. The pistol must meet all Technical and Performance specifications as specified in the sections that follow. Accessories such as pistol mounted lights as well as slide mounted optics will also be specified. The accessories must be designed to function with the specific firearm as specified herein.

Capability #	Description
<b>1.0 Bundle Specifications</b>	
1.1	The pistol, RDS, LED weapon light, and general duty holster must operate as a system within a minimum temperature range of -40°C to +48°C.
1.2	The pistol with fixed ancillaries (RDS and LED weapon light) must fit in the general duty holster.
1.3	All components of the bundle must be capable of functioning at the same time without affecting performance.
<b>2.0 Service Pistol Specifications</b>	
2.1.1	The pistol must be capable of firing 20,000 rounds without: a. Needing to change the barrel, frame and slide; b. Incurring a class 4 event; c. Incurring more than 136 pts based on class 1, 2, and 3 events as per evaluation outlined in [RT 2.1.1]; and d. Needing to change any part due to failure outside the manufacturer's part replacement schedule.
2.1.2	The pistol's parts, components, magazines, and magazine parts (excluding barrel, frame, and slide) must not require replacement for a minimum of 5000 rounds.
2.1.3	The pistol must have a maximum length of 190.5 mm (7.50 inches) when measured from the barrel muzzle to the rear of the beavertail.



Capability #	Description
2.1.4	The pistol must have a maximum overall height of 141 mm (5.55 inches) measured from the top of the slide to the bottom of the pistol grip with the magazine and RDS removed.
2.1.5	The pistol must have a maximum overall width of 34.9 mm (1.375 inches) measured from slide catch lever to slide catch lever.
2.1.6	The pistol barrel must have a minimum length of 99 mm (3.9 inches) and a maximum length of 108 mm (4.25 inches).
2.1.7	The pistol must not weigh more than a maximum of 808 grams (28.5 oz) when the magazine is empty, and no accessories are attached.
<b>2.2 Ammunition Requirements</b>	
2.2.1	The pistol must be capable of firing 9 mm Luger 147 gr. calibre ammunition.
2.2.2	The pistol must be capable of shooting a 15.25 cm (6 inch) grouping from 25 m (27.34 yards) away.
<b>2.3 Pistol Lock Mechanism</b>	
2.3	The pistol must be a mechanically locked, recoil-operated, striker-fired semi-automatic pistol.
<b>2.4 Pistol Finish</b>	
2.4.1	The pistol must have a matte black finish on all visibly exposed surfaces when the pistol is fully assembled. Visibly exposed surface parts include grip frame housing, back straps, frame, slide and magazines.
2.4.2	The pistol's metal or metal-alloy parts must be made of either a corrosion-resistant material (i.e. stainless steel) or must have a corrosion-resistant surface finish (i.e. DLC).

Capability #	Description
<b>2.4.3</b>	The parts of the pistol that are normally handled by a user (grip, slide, trigger, and trigger guard) must not have any sharp edges.
<b>2.4.4</b>	The pistol's frame (grip module) must be manufactured of polymer.
<b>2.4.5</b>	The pistol's frame (grip module) must be manufactured to ensure that its shape cannot be distorted when gripped or when accessories are mounted.
<b>2.5 Ergonomic Requirements</b>	
<b>2.5.1</b>	The pistol's grip must be manufactured to accommodate a minimum range of 3 hand sizes (small, medium, and large).
<b>2.5.2</b>	When affixed, the grip options must not come loose or fall off.
<b>2.5.3</b>	The pistol's grip must not have finger grooves.
<b>2.5.4</b>	The pistol's grip must feature a textured design feature to ensure the pistol does not fall out of a user's hand.
<b>2.5.5</b>	The underside of the trigger guard and the underside of the beavertail must not be textured.
<b>2.5.6</b>	The pistol's trigger guard must enable a user to fire the pistol while wearing RCMP standard issue gloves.
<b>2.5.7</b>	The pistol's front and rear sides (left and right) of the slide must have non-slip grasping grooves.

Capability #	Description
2.5.8	The pistol must have (an) ambidextrous slide catch lever(s) that enables a user to activate it using either hand.
2.5.9	Each pistol must come with a ceremonial lanyard loop that can be attached to the pistol magazine's base plate.
2.5.10	The full circumference edge at the entrance of the magazine well must be beveled or flared in order to aid in the insertion of a magazine.
<b>2.6 Magazine Release</b>	
2.6.1	The pistol's magazine release must be configurable for either a right- or left-handed user.
2.6.2	The pistol's magazine must have a push button that will release the magazine when a user presses it by making a lateral movement (from side to side) with their thumb.
2.6.3	The pistol's magazine release must prevent the magazine from being released while firing or handling the pistol.
<b>2.7 Trigger</b>	
2.7.1	The pistol's trigger pull weight must be a minimum of 2.27 kg (5.0 lbs.) up to a maximum of 3.18 kg (7.0 lbs.).
2.7.2	The pistol's trigger pull must positively reset when a user releases the trigger following a firing cycle.

Capability #	Description
2.7.3	The pistol's striker fired mechanism must have a minimum firing pin indent of 0.305 cm (0.012 inch).
<b>2.8 Magazines</b>	
2.8.1	Each pistol must be supplied with three (3) magazines.
2.8.2	The pistol's magazine must have a minimum capacity of fifteen (15) rounds.
2.8.3	The pistol's magazines must be manufactured of a material that is rust and corrosion resistant (i.e. plastic or stainless steel).
2.8.4	The pistol's magazine must have witness holes that aligns with each cartridge in the magazine starting at cartridge number four (4).
2.8.5	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54mm (0.100 inch) up to a maximum of 6.35 mm (0.250 inch) from the front of the pistol's grip.
2.8.6	When the pistol's magazine release button is pressed, the pistol's magazine must drop free from the pistol with the following criteria: a) without user intervention, b) when the magazine is loaded and when it is empty, and c) and when the slide is in either a forward or rear-locked position.
<b>2.9 Rail System</b>	

Capability #	Description
2.9	The pistol must have a Picatinny MIL-STD-1913 compatible rail system that is integrated into the pistol's frame dust cover.
<b>2.10 Safety Features</b>	
2.10.1	The pistol must have no external manual safety levers, grip safeties, and push-button safeties.
2.10.2	The pistol must enable a user to discharge a cartridge with the pistol's magazine removed.
2.10.3	The pistol must have an internal firing pin safety.
2.10.4	The pistol must have a mechanical safety to prevent a user from firing the pistol when not in battery (slide not fully forward and unlocked).
2.10.5	The pistol must have either a visual or tactile indicator that alerts a user that the pistol's chamber is loaded.
2.10.6	The pistol must have a safety feature that prevents the pistol from firing and firing pin from moving forward when dropped.
2.10.7	The pistol must be capable of firing after being dropped from a height of 121.9 cm (48 inches) onto a concrete floor.
<b>2.11 Iron Sights</b>	

Capability #	Description
<b>2.11.1</b>	The pistol's front sight must be black and must have a yellow or orange coloured glow-in-the-dark photoluminescent outline surrounding a green tritium phosphor-filled glass lamp in the center (round dot).
<b>2.11.2</b>	The pistol with iron sights and the pistol with RDS must shoot duty ammunition to point of aim within a 5.08 cm (2 inches) radius at 25 m (82.02 yards).
<b>2.11.3</b>	The pistol's front sights must have a square front post with a width measuring between 3.05 mm (0.120 inch) and 3.68 mm (0.145 inch).
<b>2.11.4</b>	The pistol's rear sight must have each of the following: a) a square or u-shaped notch, b) a surface that will reduce glare to assist a user with front sight focus, and c) and a notch width between 4.57mm (0.180 inch) and 5.46mm (0.215 inch).
<b>2.11.5</b>	The pistol's front sight tritium glass lamp must be protected with a mechanism that will prevent the removal of the coloured portion of the front sight when using cleaning or chemical products on the pistol.
<b>2.11.6</b>	The pistol's rear sight must be black.
<b>2.11.7</b>	The pistol's rear sight tritium vials must be surrounded with a black outline.
<b>2.11.8</b>	The pistol's front and rear sights must be replaceable.
<b>2.11.9</b>	The pistol's rear sight must enable a user to adjust it for windage.
<b>2.11.10</b>	The pistol's rear iron sight dovetail must be milled to the pistol's slide.

Capability #	Description
2.11.11	The pistol's sights must have a fixed elevation.
<b>2.12 Training Pistol Specifications</b>	
2.12.1	The training pistol must be blue.
2.12.2	The training pistol must come with the submitted weapon light attached to it in the same manner as the submitted service pistol.
2.12.3	The training pistol with the submitted weapon light attached must be capable of firing RCMP marking cartridges.
<b>2.13 Pistol Slide Specifications</b>	
2.13.1	The slide must be manufactured of steel.
2.13.2	The slide must have a durable finish that is resistant to rust and salt water corrosion.
<b>3.0 Red Dot Sight (RDS) Specifications</b>	
3.1	The red dot sight (RDS) must be configured to directly mount to the pistol slide.
3.2	The RDS mounting surface must be machined to enable a user to view the pistol's front and rear iron sights when using the pistol.
3.3	The RDS must enable a user to view the pistol's iron sights through the RDS at a lower 1/3 co-witness.
3.4	The RDS retention hardware must be made of steel.

Capability #	Description
<b>3.5</b>	The RDS must function and maintain 0 within a temperature range of -40°C to +48°C for a minimum of 4 hours.
<b>3.6</b>	The RDS housing must be made of hard anodized aluminum alloy with a non-reflective, matte black finish.
<b>3.7</b>	Including the battery, the RDS must weigh no more than 62 g (2.19 oz.).
<b>3.8</b>	The RDS magnification must not exceed 1X.
<b>3.9</b>	The RDS must have a full field of view when a user is holding the pistol in a shooting position.
<b>3.1</b>	The RDS must be parallax free within 25m (27.3 yds).
<b>3.11</b>	The RDS must have flush mounted elevation and windage click adjustments that will enable a user to adjust for elevation and windage at no coarser than 1 Minute of Angle (MOA) per click.
<b>3.12</b>	The RDS must have a minimum clear aperture of 15mm (.59 inch) in both width and height.
<b>3.13</b>	The RDS exterior dimensions must be less than or equal to 50mm (1.96 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.
<b>3.14</b>	The RDS dot intensity switch must be positioned to adjust by the support hand.



Capability #	Description
<b>3.15</b>	The RDS dot intensity switch must be flush mounted and use a pliable or soft material that must function under operational temperature requirements as specified in 2.1.
<b>3.16</b>	The RDS must have a minimum of 8 dot intensity settings.
<b>3.17</b>	The RDS dot must be red and must be 3.5 (MOA) $\pm$ .5 MOA in size.
<b>3.18</b>	The RDS optic lenses must have a coating that does not create a glare or reflection for the user.
<b>3.19</b>	When viewed from the rear of the optic, the RDS field of view must be clear and true to colour.
<b>3.2</b>	The RDS must use a coin cell CR2032 (3.0V) Lithium battery with a minimum battery life of two (2) years when operating at the middle dot intensity setting (room temperature, constant on).
<b>3.21</b>	When set to high, the RDS dot intensity setting must enable a user to view the red dot in bright lighting conditions (i.e. outdoors in sunlight) at a distance of 6.4m (7 yards).
<b>3.22</b>	The RDS must include a design feature that will enable a user to replace the battery without removing the RDS from the pistol slide.
<b>3.23</b>	The RDS must be waterproof to a rating of IPX7 as defined in ANSI/ NEMA FL 1-2009.

Capability #	Description
3.24	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the RDS must: <ul style="list-style-type: none"> <li>a) remain affixed to the pistol;</li> <li>b) maintain the ability to see the red dot; and</li> <li>c) maintain its 0.</li> </ul>
<b>4.0 LED Weapon Light Specification</b>	
4.1	The LED weapon light must mount on a Picatinny MIL-STD-1913 pistol rail.
<b>4.2 LED Weapon Light Dimensions</b>	
4.2.1	The LED weapon light must have a maximum height of 32.2 mm (1.27 inches).
4.2.2	The LED weapon light must have a maximum width of 29.8 mm (1.18 inches).
4.2.3	The LED weapon light must have a maximum length of 65.5 mm (2.58 inches).
4.2.4	Including the battery, the LED weapon light must have a maximum weight of 68.1 g (2.4 oz.).
4.3	The LED weapon light must not protrude beyond the muzzle of the pistol.
4.4	The LED weapon light must have ambidextrous, rear activated operating and switching controls.

Capability #	Description
<b>4.5</b>	The LED weapon light's operating and switching controls must include each of the following settings: a) momentary on and off, and b) and constant on.
<b>4.6</b>	The LED weapon light must have ambidextrous high and low switch configurations.
<b>4.7</b>	The LED weapon light must include a lockout feature that will prevent the LED weapon light from being accidentally activated.
<b>4.8</b>	The LED weapon light must be a light emitting diode (LED) light with a minimum output of 500 lumens and a minimum run time of 1.5 hours.
<b>4.9</b>	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light must maintain function of: a) momentary on, and b) and constant on and off.
<b>4.10</b>	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light glass must not break, become dislodged, or fall out.
<b>4.11</b>	The weapon light lens must be made of heat resistant glass.
<b>4.12</b>	The LED weapon light lens must be scratch resistant.
<b>4.13</b>	The LED weapon light must use a lithium 3 Volt CR123A battery.
<b>4.14</b>	The LED weapon light must have a hard anodized aluminum body.

Capability #	Description
4.15	The LED weapon light must have a minimum waterproof rating of IPX7 as defined in ANSI/ NEMA FL 1-2009.
4.16	The LED weapon light must include a design feature that will enable a user to replace the battery without having to remove the LED weapon light from the pistol.
<b>5.0 Carrying Case</b>	
5.1	The carrying case must have Maximum external dimensions of width of 38.1 cm (15 inches), height of 29.2 cm (11.5 inches), and depth of 12.7 cm (5 inches) to hold the configured pistol with RDS and LED weapon light, and three magazines, along with pistol accessories such as grip components.
5.2	The carrying case must be equipped with a minimum of two (2) latching devices.
5.3	The carrying case must include two (2) separated securing eyelets with a minimum diameter of 5 mm (0.20 inch) that when locked with two (2) RCMP approved locks will secure the case from being pried open by hand.
5.4	The carrying case must include a foam insert that does not absorb water and is cut to secure and segregate the configured pistol with RDS and LED weapon light and three magazines by a minimum of 1.91 cm (0.75 inch) on all sides.
5.5	The carrying case must have a carrying handle.
5.6	The carrying case must have a hinged lid that will hold open when empty or lay flat when opened.
5.7	The carrying case must be stackable.

Capability #	Description
5.8	The carrying case must be opaque so that the contents within the case are not visible when the case is closed.
5.9	The carrying case must not be embossed with any name, logo nor any markings which could indicate the content as a firearm.
5.10	The carrying case must be coloured black or in grey tones.
<b>6.0 Pistol Holster - General Duty</b>	
6.1	The holster must be available in a left- and right-handed configuration.
6.2	The holster must be able to secure the configured pistol with RDS and LED weapon light.
6.3	The holster must have a minimum retention level rating of RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
6.4	The holster must have two (2) mechanical locking devices to keep the pistol in the holster, including: a) an automatic locking system, and b) a self-locking system.
6.5	The holster's mechanical locking devices must release the pistol from the holster when a user performs two (2) opposing, sequential motions.
6.6	The holster's automatic locking system must offer retention in all directions for both left and right-handed holsters.

Capability #	Description
<b>6.7</b>	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.
<b>6.8</b>	The holster's retention and locking mechanisms must be positioned on the top forward portion of the holster to enable a user to draw the pistol with their dominant or nondominant hand.
<b>6.9</b>	The holster must have a locking mechanism that can be serviced by a user (i.e. cleaning, disassembly, and adjustments).
<b>6.10</b>	When the holster's retention features are deactivated, the holster must enable a user to draw the pistol parallel to the body.
<b>6.11</b>	The holster must be made of a durable, polymer material with a non-reflective, matte black surface finish.
<b>6.12</b>	The holster must protect the magazine release from inadvertently releasing the magazine while in the holster.
<b>6.13</b>	The holster must shroud the RDS and rear sight from view when in a locked and holstered position.
<b>6.14</b>	The holster's locking mechanism must feature a shroud to prevent an inadvertent release of the locking mechanism.
<b>6.15</b>	The holster must have a design feature that will enable a user to prevent unnecessary movement in the holster in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments).

Capability #	Description
<b>6.16</b>	The holster must mount to an in-service duty belt that ranges from 5.0 to 5.7 cm in width and 3 to 5 mm thickness limiting unnecessary movement.
<b>6.17</b>	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
<b>6.18</b>	The pistol must remain in the holster when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
<b>6.19</b>	The holster must not migrate while in use on the in-service duty belt.
<b>6.20</b>	The holster's exterior and interior metal parts and springs must feature corrosion-resistant material (i.e. stainless steel) or corrosion-resistant surface finish (i.e. electroplating).
<b>6.21</b>	The bottom of the holster must have (a) drain hole(s) or be open.
<b>6.22</b>	The holster must not scratch the surface finish of the pistol.
<b>6.23</b>	The RDS holster shroud must not impede holstering of the configured pistol.

## **ANNEX C: PERFORMANCE EVALUATION**

### **Introduction**

The performance evaluation is to validate the Bidder's written responses to select mandatory and point-rated technical evaluation criteria found in Annex A. Unless otherwise specified, all evaluations will be conducted in English.

### **Performance Evaluation**

Evaluators will follow the procedures documented within each performance evaluation in order to validate the specific mandatory and point-rated evaluation criteria as identified. Evaluators will record whether the Bidder has met the requirements listed for the mandatory or point-rated criteria identified for each performance evaluation.

Performance evaluations will be conducted at an RCMP or Government of Canada facility and may be scheduled concurrently. Should there be technical or logistical issues outside of the Bidder's control, the Bidder will not be penalized and the evaluation will continue once Canada has resolved the issue(s).

### **Evaluators**

Performance evaluations will be conducted by RCMP end-users (regular members) and observed by the PSPC Contracting Authority and the Fairness Monitor. Personnel in training at depot and emergency response team personnel will not be part of the performance evaluation. Different evaluators may be scheduled for each individual performance evaluation however the same RCMP evaluators will conduct the evaluation for all Bidders. If an evaluator is unable to complete the evaluation once a specific performance evaluation has begun, a replacement evaluator will be found and the specific performance evaluation will be re-started for that criteria.

### **Performance Evaluation Outcome**

Performance will be validated against the Bidder's responses to the mandatory and rated criteria as identified.

Failure to achieve a mandatory criterion being evaluated for a Performance Evaluation will render the Bidder non-compliant. If there is a critical failure in the Bidder's proposal at any time during the Performance Evaluation, the Bidder will fail, their bid will not be given further consideration and the bidder will be deemed non-compliant.

If the Bidder does not meet a mandatory requirement, the Bidder will fail the performance evaluation and their bid will not be given further consideration.



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If the Bidder does not meet a rated score as high for a rated criteria as described in the Bidder’s written bid, the scoring for that portion of their bid will be re-assessed downward. Bidder’s scores will not be increased as a result of the performance evaluation.

Bidders that pass all mandatory evaluation criteria in the Performance Evaluation will proceed to the Usability Evaluation in Annex D

**Bidder Set-up Responsibilities**

Each bidder must provide Canada with the following new items that are the same models proposed as part of the bid response and must be delivered to Canada no later than thirty (30) days after bid submission to support both the Performance Evaluation (Annex C) and the Usability Evaluation (Annex D). These items will be used as follows:

Pistol (Pre-Sighted and zeroed)	7	RDS	8
LED Weapon Light	8	*General Duty Holster (6 right handed and 2 left handed)	8
*Magazines	21	*Magazines (Training)	3
Training Pistol (Pre-Sighted and zeroed)	1	*Carrying Case	8
Grip Sizing Components	Quantity based on bid submission. Minimum of 3 per pistol.	*Maintenance Kits	As per manufacturer's service requirements
*Tools and Test Equipment	As per manufacturer's recommended service requirements		

The Bidder must supply user manual(s) for all provided products that provide sufficient detail for evaluators to use as a reference to carry out the performance evaluation. The Bidder must also supply user manual(s) or instructions to provide Canada with any additional information they may require to complete the set-up of the performance evaluation. Bidders may include pre-recorded training videos or pre-recorded demonstrations in addition to the technical documentation and instructions.

**Canada Set-up Responsibilities**

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Canada will carry out the evaluations at one or more RCMP or Government of Canada facilities. Evaluation facilities will be equipped to support live fire shooting, requisite temperature control equipment as well as precision measuring devices. Prior to the conduct of the performance evaluation, Canada will clean, lubricate (using RCMP approved lubricant), and assemble pistols with the RDS and LED weapon light as per each manufacturer's specifications. Canada will inspect, gauge and confirm the zero to verify that pistols are safe to fire prior to live fire evaluations. For live fire components of the performance evaluation, Canada will service the pistol and ancillary equipment as per the manufacturer's recommended parts replacement and cleaning protocols. For any weapon that is deemed unsafe to fire, the reasons will be recorded and the bid will be deemed noncompliant and given no further consideration.

The Bidders must be in full compliance of all technical evaluation criteria (mandatory) that are validated during the performance evaluation and will not progress to the Usability Evaluation (Annex D) if deemed non-compliant.

Performance Evaluation Criteria (Mandatory)		
Number	Description	Evaluation Method(s)
<b>Service Pistol</b>		
MT 2.1.3	The pistol must have a maximum length of 190.5 mm (7.50 inches) when measured from the barrel muzzle to the rear of the beavertail.	The evaluator will measure the pistol using a precision measuring instrument. The measurement will be taken from the furthest forward point of the pistol (muzzle end), to the furthest rearward point of the pistol (the beavertail portion of the grip).
MT 2.1.4	The pistol must have a maximum overall height of 141 mm (5.55 inches) measured from the top of the slide to the bottom of the pistol grip with the magazine and RDS removed.	The evaluator will measure the pistol using a precision measuring instrument. The measurement will be taken from the top of the slide (not including the sights and RDS) to the bottom of the pistol grip with the magazine and RDS removed.
MT 2.1.5	The pistol must have a maximum overall width of 34.9 mm (1.375 inches) measured from slide catch lever to slide catch lever.	The evaluator will measure the pistol using a precision measuring instrument. The measurement will be taken from slide catch lever to slide catch lever.
MT 2.1.6	The pistol barrel must have a minimum length of 99 mm (3.9") and a maximum length of 108 mm (4.25").	The evaluator will measure the pistol's barrel length using a precision measuring instrument. The measurement will be taken from the foremost (muzzle end) and rearmost portion (back of the chamber) of the barrel not including the feeding ramp.
MT 2.1.7	The pistol must not weigh more than a maximum of 808 grams (28.5 oz) when the	The evaluator will place the pistol with an empty magazine and no accessories attached on a calibrated scale to ensure it weighs no more than 808 grams (28.5 oz)

	magazine is empty and no accessories are attached.	
MT 2.2.2	The pistol must be capable of shooting a 15.25 cm (6 inch) grouping from 25 m (27.34 yards) away.	<p>This requirement will be evaluated as follow:</p> <ol style="list-style-type: none"> <li>1. The evaluator will shoot the pistol for accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag;</li> <li>2. The evaluator will shoot five (5) groups of five (5) rounds and;</li> <li>3. The evaluator will calculate the average of the five (5) groupings to confirm compliance.</li> </ol>
MT 2.4.3	The parts of the pistol that are normally handled by a user (grip, slide, trigger, and trigger guard) must not have any sharp edges.	The evaluator will visually and physically inspect the pistol for any sharp edges.
MT 2.4.4	The pistol's frame (grip module) must be manufactured of polymer.	The evaluator will visually and physically inspect the pistol frame and/ or grip module to ensure it is manufactured of polymer.
MT 2.5.3	The pistol's grip must not have finger grooves.	The evaluator will visually and physically inspect the pistol frame and/ or grip module for finger grooves on the front portion of the grip.
MT 2.5.4	The pistol's grip must feature a textured design feature to ensure the pistol does not fall out of a user's hand.	The evaluator will visually and physically inspect the pistol to ensure there is a textured design feature on the surface of the grip.
MT 2.5.5	The underside of the trigger guard and the underside of the beavertail must not be textured.	The evaluator will visually and physically inspect the pistol to ensure that the underside of the trigger guard and the underside of the beavertail are not textured.
MT 2.5.6	The pistol's trigger guard must enable a user to fire the pistol while wearing RCMP standard issue gloves.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator, while wearing RCMP approved and issued size 10 winter gloves (item # 3570400), will fire one full magazine from the pistol; and</li> <li>2. The evaluator will visually and physically inspect that the trigger fully resets after each round is fired.</li> </ol>
MT 2.5.7	The pistol's front and rear sides (left and right) of the slide must have non-slip grasping grooves.	The evaluator will visually and physically inspect the pistol for serrations and/ or grooves on the slide.
MT 2.5.8	The pistol must have (an) ambidextrous slide catch lever(s) that enables a user to activate it using either hand.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will manually cycle the slide to the rear and engage the slide stop with their right thumb;</li> <li>2. The evaluator will insert a loaded magazine;</li> <li>3. The evaluator will depress the slide catch lever with their right thumb to release the slide; and</li> <li>4. This test will be repeated with the evaluator's left thumb.</li> </ol>
MT 2.5.10	The full circumference edge at the entrance of the magazine well must be beveled or	The evaluator will visually and physically inspect the pistol to validate the bevel or flare.

	flared in order to aid in the insertion of a magazine.	
MT 2.6.1	The pistol's magazine release must be configurable for either a right or left handed user.	The evaluator will visually and physically inspect the pistol's magazine release for either right-hand or left-hand only configurations.
MT 2.6.2	The pistol's magazine must have a push button that will release the magazine when a user presses it by making a lateral movement (from side to side) with their thumb.	<p>The requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator while holding a pistol in a shooting position will push the magazine release by making a lateral movement with their thumb; and</li> <li>2. The evaluator will visually and physically inspect the pistol's magazine catch.</li> </ol>
MT 2.7.1	The pistol's trigger pull weight must be a minimum of 2.27kg (5.0 lbs) up to a maximum of 3.18kg (7.0 lbs).	<p>The requirement will be measured as follows:</p> <ol style="list-style-type: none"> <li>1. We will use NRA Official Universal Weights to conduct this test. Weights come with a hook system to attach to the trigger</li> <li>2. The pistol will be orientated vertically with the barrel facing upwards;</li> <li>3. The evaluator will load a weight jig with a 2.15 kg (4.75 lbs) static weight placed on it;</li> <li>4. The pistol will be lifted vertically with the jig contacting the trigger. The pistol must not fire;</li> <li>5. The evaluator will continue to repeat the test by adding 0.11 kg (0.25 lbs) of static weights to the weight jig until the trigger weight is determined by the pistol firing; and</li> <li>6. The evaluator will ensure that the assessed trigger weight falls within the 2.27kg (5.0 lbs) to 3.18kg (7.0 lbs) range.</li> </ol>
MT 2.7.3	The pistol's striker fired mechanism must have a minimum firing pin indent of 0.305 cm (0.012").	<p>This requirement will be evaluated as follow:</p> <ol style="list-style-type: none"> <li>1. The evaluator will insert a copper crusher into an adapter cartridge which will be inserted into the chamber of the pistol;</li> <li>2. An adjustment screw will ensure that the crusher is against the breech face when the pistol is in battery;</li> <li>3. The trigger will be pulled, then the adapter cartridge ejected from the pistol;</li> <li>4. The copper crusher will be removed from the adapter cartridge and the firing pin indent will be measured on a dial indicator; and</li> <li>5. This test will be conducted three (3) times ensuring minimum indent each time.</li> </ol>
MT 2.8.1	The pistol's magazine must have a minimum capacity of fifteen (15) rounds.	The evaluator will load each magazine with fifteen (15) rounds of Winchester 9mm SXT duty ammunition to ensure a minimum capacity of fifteen (15) rounds.
MT 2.8.3	The pistol's magazine must have witness holes that aligns with each cartridge in the magazine starting at cartridge number four (4).	The evaluator will load the magazine one cartridge at a time to maximum capacity. From the fourth cartridge onwards each witness hole will be visually inspected to ensure a cartridge aligns with the witness hole.
MT 2.8.4	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54mm (0.100") up to a maximum of 6.35 mm	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will insert a magazine into the pistol;</li> <li>2. Each pistol will be measured with the Mitutoyo MISTAR 555 coordinate measuring</li> </ol>

	(0.250") from the front of the pistol's grip.	<p>machine and the Hexagon Absolute Arm 83 ; and</p> <p>3. The distance which the magazine butt-plate extends past the front of the pistol grip will be measured.</p>
MT 2.8.5	<p>When the pistol's magazine release button is pressed, the pistol's magazine must drop free from the pistol with the following criteria:</p> <p>a) without user intervention,</p> <p>b) when the magazine is loaded and when it is empty,</p> <p>c) and when the slide is in either a forward or rear-locked position.</p>	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. Pistol with one full magazine: <ol style="list-style-type: none"> <li>a. The evaluator will insert one (1) loaded magazine;</li> <li>b. The evaluator will chamber one (1) round and fire one (1) round; and</li> <li>c. The magazine release will be depressed with the pistol floor plate oriented towards the ground.</li> </ol> </li> <li>2. Pistol with slide locked to the rear: <ol style="list-style-type: none"> <li>a. The evaluator will insert one (1) loaded magazine; and</li> <li>b. The magazine release will be depressed with the pistol floor plate oriented towards the ground.</li> </ol> </li> <li>3. Pistol with the slide forward: <ol style="list-style-type: none"> <li>a. The evaluator will insert one (1) empty magazine; and</li> <li>b. The magazine release will be depressed with the pistol floor plate oriented towards the ground.</li> </ol> </li> <li>4. Pistol with slide locked to the rear: <ol style="list-style-type: none"> <li>a. The evaluator will insert one (1) empty magazine; and</li> <li>b. The magazine release will be depressed with the pistol floor plate oriented towards the ground.</li> </ol> </li> </ol>
MT 2.10.1	The pistol must have no external manual safety levers, grip safeties, and push-button safeties.	The pistol will be visually inspected to ensure there are no external manual safety levers, grip safeties, and push-button safeties.
MT 2.10.2	The pistol must enable a user to discharge a cartridge with the pistol's magazine removed.	<p>This requirement will be evaluated as follow:</p> <ol style="list-style-type: none"> <li>1. The evaluator will insert a loaded magazine into the pistol;</li> <li>2. The evaluator will chamber the pistol with one (1) round;</li> <li>3. The evaluator will remove the magazine from the pistol; and</li> <li>4. The evaluator will pull the trigger.</li> </ol>
MT 2.10.3	The pistol must have an internal firing pin safety.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. Evaluation Method 1: <ol style="list-style-type: none"> <li>a. The evaluator will remove the slide, the barrel, and recoil guide assembly from the pistol;</li> <li>b. Using a tool, the evaluator will push the firing pin forward to inspect if it protrudes from the breech face; and</li> <li>c. The evaluator will depress the firing pin safety, push the firing pin forward, and inspect if it protrudes from the breech face.</li> </ol> </li> <li>2. Evaluation Method 2: <ol style="list-style-type: none"> <li>a. The evaluator will insert a fully loaded magazine into the pistol;</li> </ol> </li> </ol>

		<ul style="list-style-type: none"> <li>b. The evaluator will cycle the action to load a round into the chamber;</li> <li>c. The evaluator will extract and eject the casing to inspect the surface of each primer for any signs of contact with the firing pin; and</li> <li>d. The evaluator will repeat this test five (5) times.</li> </ul>
MT 2.10.4	The pistol must have a mechanical safety to prevent a user from firing the pistol when not in battery (slide not fully forward and unlocked).	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will chamber a primed cartridge into the pistol;</li> <li>2. The evaluator will move the pistol's slide rearward 6.35mm (0.25"); and</li> <li>3. The evaluator will pull the trigger and assess if the pistol fires.</li> </ol>
MT 2.10.5	The pistol must have either a visual or tactile indicator that alerts a user that the pistol's chamber is loaded.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will chamber one (1) Winchester 9mm SXT duty ammunition into the pistol; and</li> <li>2. The evaluator will inspect the pistol for a visual and/or tactile loaded chamber indicator.</li> </ol>
MT 2.11.1	The pistol's front sight must be black and must have a yellow or orange coloured glow-in-the-dark photoluminescent outline surrounding a green tritium phosphor-filled glass lamp in the center (round dot).	The evaluator will visually inspect the pistol's front sight.
MT 2.11.2	The pistol with iron sights and the pistol with RDS must shoot to point of aim within a 5.08 cm (2") radius at 25m. (27.34 yards)	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. Iron Sights: <ul style="list-style-type: none"> <li>a. The evaluator using the pistol shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag will shoot one (1) group of five (5) rounds using the iron sights at 25 m (27.3 yds)</li> <li>b. An average of the grouping for the pistol with iron sight will be taken to assess whether the pistol meets the requirement.</li> </ul> </li> <li>2. Red Dot Sight: <ul style="list-style-type: none"> <li>a. The evaluator using the pistol shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag will shoot one (1) group of five (5) rounds using the RDS at 25 m (27.3 yds)</li> <li>b. An average of the grouping for the pistol with RDS will be taken to assess whether the pistol meets the requirement.</li> </ul> </li> </ol>
MT 2.11.3	The pistol's front sights must have a square front post with a width measuring between 3.05mm (0.120") and 3.68mm (0.145").	The evaluator will visually inspect and physically measure the front sight on each pistol using a precision measuring instrument.
MT 2.11.4	The pistol's rear sight must have each of the following: a) A square or u-shaped notch; b) A surface that will reduce glare to assist a user with front sight focus and;	The evaluator will visually inspect and physically measure the rear sight on each pistol using a precision measuring instrument.



	c) A notch width between 4.57mm (0.180") and 5.46mm (0.215").	
MT 2.11.5	The pistol's front sight tritium glass lamp must be protected with a mechanism that will prevent the removal of the coloured portion of the front sight when using cleaning or chemical products on the pistol.	The evaluator will visually and physically inspect the pistol's front sight tritium glass lamp.
MT 2.11.6	The pistol's rear sight must be black.	The evaluator will visually inspect the pistol's rear sight.
MT 2.11.7	The pistol's rear sight tritium vials must be surrounded with a black outline.	The evaluator will visually inspect the pistol's rear sight tritium vials.
MT 2.11.8	The pistol's front and rear sights must be replaceable.	The evaluator will visually inspect the pistol's front and rear sights.
MT 2.11.10	The pistol's rear iron sight dovetail must be milled to the pistol's slide.	The evaluator will visually inspect the pistol's rear iron sight dovetail.
MT 2.12.1	The training pistol's slide must be blue	The evaluator will visually inspect the training pistol's slide.
MT 2.12.2	The training pistol must come with the submitted weapon light attached to it in the same manner as the submitted service pistol.	The evaluator will visually and physically inspect the training pistol with attached weapon light.
MT 2.12.3	The training pistol with the submitted weapon light attached must be capable of firing RCMP marking cartridges	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will assemble the training pistol, weapon light, and general duty holster as per manufacturer's specifications;</li> <li>2. The evaluator will visually and physically inspect the assembled training pistol;</li> <li>3. The evaluator will load the training pistol with three (3) magazines loaded to maximum capacity with RCMP marking cartridges;</li> <li>4. The evaluator will fire the training pistol until all the rounds are fired.</li> <li>5. The evaluator will record any weapon-related stoppages during the test (note: any stoppages determined to be ammunition-related defects will not be counted).</li> <li>6. The evaluator will disassemble and visually and physically inspect the training pistol, weapon light, 3 magazines, and general duty holster.</li> </ol>
<b>Red Dot Sight (RDS)</b>		
MT 3.1	The red dot sight (RDS) must be configured to direct mount to the pistol slide	The evaluator will visually and physically inspect the red dot sight (RDS) mounted to the pistol slide.
MT 3.3	The RDS must enable a user to view the pistol's iron sights through the RDS at a lower 1/3 co-witness.	The evaluator will visually inspect the pistol with RDS mounted to ensure that it has the lower 1/3 co-witness of the iron sights through the RDS.

MT 3.4	The RDS must be a closed emitter system not capable of being converted to an open emitter.	The evaluator will visually and physically inspect the RDS to ensure it is a closed emitter incapable of being converted to an open emitter.
MT 3.8	Including the battery, the RDS must weigh no more than 62 g (2.19 oz.)	This requirement will be evaluated as follows: 1. The RDS (battery included) will be placed on a calibrated weighing scale without the mounting hardware; and 2. The weight will be recorded to ensure it weighs no more than 62 g (2.19 oz.)
MT 3.14	The RDS exterior dimensions must be less than or equal to 50mm (1.96 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.	The evaluator will physically measure the RDS using a precision measuring instrument to ensure exterior dimensions are less than or equal to 50mm (1.96 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.
MT 3.23	The RDS must include a feature that will enable a user to replace the battery without removing the RDS from the pistol slide.	The evaluator will perform a battery exchange on the installed RDS.
<b>LED Weapon Light</b>		
MT 4.2.1	The weapon light must have a maximum height of 32.2 mm (1.27 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.2	The weapon light must have a maximum width of 29.8 mm (1.18 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.3	The weapon light must have a maximum length of 65.5 mm (2.58 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.4	Including the battery, the weapon light must have a maximum weight of 68.1 g (2.4 oz.)	This requirement will be evaluated as follows: 1. The weapon light (battery included and installed) will be placed on a calibrated weighing scale; and 2. The weight will be recorded to ensure it is under the maximum weight of 68.1 g (2.4 oz.)
MT 4.3	The weapon light must not protrude beyond the muzzle of the pistol.	This requirement will be evaluated as follows: 1. The light will be attached to the pistol; and 2. A straight edge will be placed across the muzzle end of the pistol to ensure the weapon light does not protrude.
MT 4.5	The weapon light's operating and switching controls must include each of the following settings: a) momentary on; and b) constant on.	This requirement will be evaluated as follows: 1. The weapon light will be tested for momentary on operation; and 2. The weapon light will be tested for a constant on function.
MT 4.6	The weapon light must have ambidextrous high and low switch configurations.	The evaluator will visually inspect the weapon light for an ambidextrous high and low switch configurations.



MT 4.7	The weapon light must include a lockout feature that will prevent the weapon light from being accidentally activated.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will activate the weapon light's lockout feature in accordance with manufacturer instructions and the momentary on and constant on functions will be activated; and</li> <li>2. The evaluator will determine whether the light is capable of being activated while lockout is engaged.</li> </ol>
MT 4.13	The weapon light must use a lithium 3 Volt CR123A battery.	The evaluator will visually inspect the weapon light for use of a lithium 3 Volt CR123A battery.
MT 4.16	The weapon light must include a design feature that will enable a user to replace the battery without having to remove the weapon light from the pistol.	The evaluator will perform a battery exchange on the installed weapon light.
<b>Carrying Case</b>		
MT 5.1	The carrying case must have maximum external dimensions of width of 38.1 cm (15 inches), height of 29.2 cm (11.5 inches), and depth of 12.7 cm (5 inches) to hold the configured pistol with RDS and weapon light, and three magazines, along with pistol accessories such as grip components.	The evaluator will physically measure the carrying case using a precision measuring instrument.
MT 5.2	The carrying case must be equipped with a minimum of two (2) latching devices.	The evaluator will visually and physically inspect the carrying case latching devices.
MT 5.3	The carrying case must include two (2) separated securing eyelets with a minimum diameter of 5 mm (0.20 inch) that when locked with 2 RCMP approved locks will secure the case from being pried open by hand.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will physically measure each carrying case securing eyelets width with a precision measuring instrument; and</li> <li>2. An unloaded configured pistol with RDS and weapon light, and three magazines will be placed into each carrying case. Each carrying case will then be secured with 2 RCMP approved locks and the evaluator, by hand, will attempt to pry open the carrying case and remove any of the contents.</li> </ol>
MT 5.4	The carrying case must include a foam insert that does not absorb water and is cut to secure and segregate the configured pistol with RDS and weapon light, and three magazines by a minimum of 1.91 cm (0.75") on all sides.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will place the configured pistol with RDS and weapon light and three magazines into the carrying case and measure all foam separation between contents and walls with a precision measuring instrument;</li> <li>2. The evaluator will close and secure the lid on the carrying case and contents, pick up the carrying case and orient it: <ol style="list-style-type: none"> <li>a. lid side up;</li> <li>b. lid side down;</li> <li>c. right side up;</li> </ol> </li> </ol>

		<p>d. right side down; e. handle side up; and f. handle side down;</p> <p>3. The evaluator will listen for any signs that the contents are not secure within the case (i.e., clunking sound); 4. The evaluator will place the case lid side up on a flat and level surface; and 5. The evaluator will open the case and inspect the contents for any dislodging from the foam.</p>
MT 5.5	The carrying case must have a carrying handle.	The evaluator will visually and physically inspect the carrying case handle.
MT 5.6	The carrying case must have a hinged lid that will hold open when empty or lay flat when opened.	The evaluator will visually and physically inspect the carrying case hinged lid.
MT 5.7	The carrying case must be stackable.	The evaluator will visually and physically inspect the carrying case.
MT 5.8	The carrying case must be opaque so that the contents within the case are not visible when the case is closed.	<p>This requirement will be evaluated as follows:</p> <p>1. The evaluator will place the pistol with RDS and weapon light and three magazines into the carrying case, close and secure the carrying case as per manufacturer's instructions; and 2. The evaluator will visually inspect the carrying case on all 6 sides.</p>
MT 5.9	The carrying case must not be embossed with any name, logo, nor any markings which could indicate the content as a firearm.	The evaluator will visually and physically inspect the carrying case.
MT 5.10	The carrying case must be coloured black or in grey tones.	The evaluator will visually and physically inspect the carrying case.
<b>General Duty Holster</b>		
MT 6.1	The holster must be available in a left- and right-handed configuration.	The evaluator will visually and physically inspect the holster.
MT 6.2	The holster must be able to secure the configured pistol with RDS and weapon light.	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.3	The holster must have a minimum retention level rating of RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.6	The holster's automatic locking system must offer retention in all directions for both left	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).

	and right-handed holsters.	
MT 6.7	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.	This requirement will be evaluated as follows: 1. The evaluator will holster the configured pistol; and 2. The evaluator will visually and physically inspect the grip of the holstered pistol.
MT 6.13	The holster must encase the RDS and rear sight when in a locked and holstered position.	This requirement will be evaluated as follows: 1. The evaluator will holster the configured pistol; and 2. The evaluator will visually inspect the RDS and rear sight of the holstered pistol.
MT 6.14	The holster's locking mechanism must feature a shroud to prevent an inadvertent release of the locking mechanism.	The evaluator will visually inspect and physically evaluate the holster's locking mechanism in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.15	The holster must have a design feature that will enable a user to prevent unnecessary movement in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments).	The evaluator will perform a physical evaluation of the holster in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments)
MT 6.16	The holster must mount to an in-service duty belt that ranges from 5.0 to 5.7 cm in width and 3 to 5 mm thickness limiting unnecessary movement.	The evaluator will visually and physically inspect the holster for compatibility with in-service duty belt.
MT 6.17	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).	The evaluator will perform a physical evaluation of the holster in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.18	The pistol must remain in the holster when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).	The evaluator will perform a physical evaluation of the holster in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.21	The bottom of the holster must have (a) drain hole(s) or be open.	The evaluator will visually and physically inspect the bottom of the holster.

Performance Evaluation Criteria (Rated)		
Number	Description	Evaluation Method(s)
RT 2.2.2	The pistol should be capable of shooting a 10.16 cm (4 inch) grouping from 25 m (27.34 yards) away.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>The evaluator will shoot the pistol accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag;</li> <li>The evaluator will shoot five (5) groups of five (5) rounds and;</li> <li>The evaluator will calculate the average of the five (5) groupings to confirm compliance.</li> </ol>
RT 2.3	The recoil spring guide should be manufactured of solid metal.	The evaluator will visually and physically inspect the recoil spring guide.
RT 2.4.5	The pistol should have a steel insert molded to the frame (grip module) to further prevent distortion when gripped or when accessories are mounted.	The evaluator will visually and physically inspect the pistol.
RT 2.5.1	The pistol's grip should be manufactured to accommodate more than 3 hand sizes.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>The evaluator will measure the grip of the pistol with a precision measuring instrument to ensure there are a minimum of three (3) distinct grip sizes provided accommodating a minimum range of three (3) hand sizes (small, medium, and large). The grip will be measured at the following points:               <ol style="list-style-type: none"> <li>from the widest point of the grip front to back; and</li> <li>from the widest point of the grip side to side and ensuring that there is a variability in size for any of these measurements.</li> </ol> </li> </ol>
RT 2.7.1	The pistol's trigger pull weight should be between 2.38 kg (5.25 lbs) and 2.72kg (6.0 lbs)	<p>The requirement will be measured as follows:</p> <ol style="list-style-type: none"> <li>The pistol will be orientated vertically with the barrel facing upwards;</li> <li>The evaluator will load a weight jig with a 2.15 kg (4.75 lbs) static weight placed on it;</li> <li>The pistol will be lifted vertically with the jig contacting the trigger. The pistol must not fire; and</li> <li>The evaluator will continue to repeat the test by adding 0.11 kg (0.25 lbs) of static weights to the weight jig until the trigger weight is determined by the pistol firing.</li> </ol> <p>The evaluator will ensure that the assessed trigger weight falls within the 2.38 kg (5.25 lbs) and</p>

		2.72kg (6.0 lbs) range.
RT 2.8.2	The pistol's magazine should have a minimum capacity of seventeen (17) rounds.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. A magazine will be loaded with seventeen (17) rounds of Winchester 9mm SXT duty ammunition to ensure a minimum capacity of seventeen (17) rounds;</li> <li>2. Should seventeen (17) rounds exceed the magazine capacity, the maximum capacity shall be determined based on previous compliance and the test is completed; and</li> <li>3. The test will be repeated with an additional round until the maximum capacity is reached.</li> </ol>
RT 2.10.5	The pistol should have both visual and tactile indicators that alerts a user that the pistol's chamber is loaded.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will chamber one (1) Winchester 9mm SXT duty ammunition into the pistol; and</li> <li>2. The evaluator will inspect the pistol for a visual and tactile loaded chamber indicator.</li> </ol>
RT 2.10.7	The pistol should feature a tabbed trigger/trigger safety.	The evaluator will visually and physically inspect the pistol for the presence of a tabbed trigger/trigger safety.
RT 2.11.8	The front and rear sights should be marked with a number or symbol indicating its relative height.	The evaluator will visually and physically inspect the pistol for front and rear sight markings indicating its relative height.
RT 2.12.1	The training pistol's frame should be blue	The evaluator will visually and physically inspect the training pistol frame.
RT 2.12.2	The training pistol should come with the submitted RDS attached to it in the same manner as the submitted service pistol.	The evaluator will visually and physically inspect the training pistol with submitted RDS and submitted weapon light attached.
RT 2.12.3	The training pistol with the submitted weapon light and submitted RDS attached must be capable of firing RCMP marking cartridges.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>1. The evaluator will assemble the training pistol, RDS, weapon light, and general duty holster as per manufacturer's specifications;</li> <li>2. The evaluator will visually and physically inspect the assembled training pistol;</li> <li>3. The evaluator will load the training pistol with three (3) magazines loaded to maximum capacity with RCMP marking cartridges;</li> <li>4. The evaluator will fire the training pistol until all the rounds are fired;</li> <li>5. The evaluator will record any weapon-related stoppages during the test (note: any stoppages determined to be ammunition-related defects will not be counted); and</li> <li>6. The evaluator will disassemble and visually and physically inspect the training pistol, RDS, weapon light, 3 magazines, and general duty holster.</li> </ol>

RT 2.13.1	The slide should be manufactured of stainless steel	The evaluator will visually and physically inspect the pistol slide.
RT 3.17	The RDS should have one or more dot intensity settings for night vision.	The evaluator, while wearing night vision goggles, will visually confirm that there are one or more dot intensity settings for night vision.
RT 4.4	The weapon light should have an optional feature that enables a user to momentarily activate the light while the user's finger remains on the trigger.	The evaluator will attempt to momentarily activate the light while in a one handed shooting position.
RT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light should remain affixed.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. The evaluator will visually inspect the weapon light to ensure it remains affixed to the pistol.
RT 6.1	The bidder should have a plain clothes holster available in a left- and right-handed configuration.	The evaluator will visually and physically inspect the holster.
RT 6.16	The holster should mount to an MOLLE duty belt.	The evaluator will mount the holster to the MOLLE duty belt.

## Performance Evaluation: Environmental Condition Testing

This requirement will be evaluated as follows:

1. For cold temperature test, each pistol, RDS, weapon light, and a loaded magazine will be:
  - a. cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications;
  - b. the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered;
  - c. the loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of -40°C for 4 hours;
  - d. after exposure of 4 hours at -40°C condition, the loaded pistol will be removed from the freezer and the holster;
  - e. within five (5) minutes, the light will be activated, and the pistol will be fired immediately five (5) times at 25m;
  - f. [MT3.6] the point of impact (groupings) of the test will be compared to the grouping in MT2.11.2;
  - g. the remaining rounds in the magazine will be fired; and
  - h. [MT3.16] The RDS dot intensity switch will be adjusted to ensure functionality.
2. For hot temperature test, each pistol, RDS, weapon light and a loaded magazine will be:
  - a. cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications;
  - b. the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered;
  - c. the loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of 48°C for 4 hours;
  - d. after exposure of 4 hours at 48°C condition, the loaded pistol will be removed from the oven and the holster;
  - e. within five (5) minutes, the light will be activated, and the pistol will be fired immediately five (5) times at 25m;
  - f. [MT3.6] the point of impact (groupings) of the test will be compared to the grouping in MT2.11.2;
  - g. the remaining rounds in the magazine will be fired; and
  - h. [MT3.16] the RDS dot intensity switch will be adjusted to ensure functionality.

## Mandatory Evaluations

Number	Description	Method of Evaluation
MT 1.1	The pistol, red dot sight (RDS), weapon light, and general duty holster must operate as a system within a minimum temperature range of -40°C to +48°C.	The loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of -40°C for 4 hours and 48°C for 4 hours during the first and second phase of the test. The pistol will then be visually and physically inspected.

MT 2.11.2	The pistol with iron sights and the pistol with RDS must shoot duty ammunition to point of aim within a 5.08 cm (2") radius at 25m. (27.34 yards)	The loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of -40°C for 4 hours and 48°C for 4 hours during the first and second phase of the test. The pistol will then be fired immediately five (5) times at 25m ensuring a point of aim within a 5.08 cm (2") radius.
MT 3.6	The RDS must function and maintain 0 within a temperature range of -40°C to +48°C for a minimum of 4 hours.	
MT 3.16	The RDS dot intensity switch must be flush mounted and use a pliable or soft material that must function under operational temperature requirements as specified in 1.1.	The loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of -40°C for 4 hours and 48°C for 4 hours during the first and second phase of the test. The RDS dot intensity switch will then be adjusted to ensure functionality.



## Performance Evaluation: Endurance Testing

This requirement will be evaluated as follows:

1. The evaluator will clean, lubricate (using RCMP approved lubricant), and assemble three (3) pistols as per manufacturer's specifications;
2. **Safety Inspection:** The evaluator will inspect and gauge to verify that the pistols are safe to fire. For any weapon that is deemed unsafe to fire, the reasons will be recorded and the bid will be deemed noncompliant and given no further consideration;
3. [MT2.2.2] The evaluator will shoot the pistol for accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag. The evaluator will shoot one (1) group of five (5) rounds. The average of the grouping will be taken to ensure compliance with a six (6) inch grouping.
4. The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. The evaluator will clean and/or check the pistol as follows:
  - a. [MT2.1.2] Every five hundred (500) rounds, the evaluator will clean, lubricate, visually inspect, and physically inspect the pistol;
  - b. [MT2.2.2] Every five thousand (5000) rounds, the evaluator will shoot the pistol for accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag. The evaluator will shoot one (1) group of five (5) rounds. The average of the grouping will be taken to ensure compliance with a six (6) inch grouping;
  - c. [MT2.1.2] During the trial, parts will be changed as per manufacturer recommendations. The evaluator will not replace any parts (even if stated by manufacturer recommendations) before 5 000 rounds.
  - d. During the trial, the barrel, frame and slide will not be changed; and
  - e. [MT2.6.3] During the trial, the pistol magazine's release mechanism will be visually and physically inspected.
5. [RT2.1.1] The evaluator will record any weapon-related stoppages during the endurance trial (note: any stoppages determined to be ammunition-related defects will not be counted). The stoppages will be weighted as follows:
  - a. Class 1 Events will receive one (1) point
  - b. Class 2 Events will receive two (2) points
  - c. Class 3 Events will receive three (3) points
  - d. Note: Any pistol surpassing a score of 136 pts will be eliminated from contention.
6. The evaluator will record any part failure outside of the manufacturer's part replacement schedule during the endurance test.

## Mandatory Evaluated

Number	Description	Method of Evaluation
MT 2.1.1	The pistol must be capable of firing 20,000 rounds without:	The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and

	<p>a. Needing to change the barrel, frame and slide;</p> <p>b. Incurring a class 4 event;</p> <p>c. Incurring more than 136 pts based on class 1, 2, and 3 events; and</p> <p>d. Needing to change any part due to failure outside the manufacturers part replacement schedule</p>	<p>RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. During the trial:</p> <ol style="list-style-type: none"> <li>1. The barrel, frame and slide will not be changed. Every five hundred (500) rounds, the evaluator will clean, lubricate, visually inspect, and physically inspect the pistol;</li> <li>2. The evaluator will record any weapon-related stoppages during the endurance trial and categorize them by class (note: any stoppages determined to be ammunition-related defects will not be counted). Points will be tallied, ensuring compliance with the 136 pt threshold; and</li> <li>3. During the trial, parts will be changed as per manufacturer recommendations.</li> </ol>
MT 2.1.2	The pistol's parts, components, magazines, and magazine parts (excluding barrel, frame, and slide) must not require replacement for a minimum of 5000 rounds.	<p>The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. During the trial, the evaluator will not replace any parts (even if stated by manufacturer recommendations) before 5 000 rounds. Every five hundred (500) rounds, the evaluator will clean, lubricate, visually inspect, and physically inspect the pistol.</p>
MT 2.6.3	The pistol's magazine release mechanism must not allow the magazine to be inadvertently released when the pistol is being fired from the shooting position.	<p>The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. During the trial, the pistol magazine's release mechanism will be visually and physically inspected.</p>
<b>Rated Evaluation</b>		
Number	Description	Method of Evaluation
RT 2.1.1	The pistol should be capable of firing 20,000 rounds without incurring class 1, class 2, and class 3 events.	<p>The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. The evaluator will record any weapon-related stoppages during the endurance trial and categorize them by class (note: any stoppages determined to be ammunition-related defects will not be counted).</p>

Performance Evaluation: Drop Testing		
<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> <li>The evaluator will chamber the pistol with a primed cartridge case and insert a magazine loaded to one (1) less than maximum capacity;</li> <li>The pistol will then be dropped six times from a height of 121.9 cm (48 inches) onto a concrete floor in the following sequence of orientations: <ol style="list-style-type: none"> <li>muzzle down;</li> <li>muzzle up;</li> <li>magazine down;</li> <li>magazine up;</li> <li>right side down; and</li> <li>right side up.</li> </ol> </li> <li>[MT2.10.6] The evaluator will determine whether the gun discharges during the drop test.</li> <li>[MT2.10.7] Following the last drop, the evaluator will attempt to fire the pistol with primed cartridge case;</li> <li>Should the pistol fire, the remaining rounds in the magazine will be fired;</li> <li>[MT4.10] The evaluator will visually inspect the weapon light to ensure the LED weapon light glass does not break, become dislodged, or fall out;</li> <li>Should the weapon light be compromised, the testing on the weapon light will be concluded;</li> <li>[MT4.9] The evaluator will ensure the weapon light maintains function of: <ol style="list-style-type: none"> <li>momentary on,</li> <li>and constant on.</li> </ol> </li> <li>In the event that the weapon light becomes detached from the firearm there will be no deduction provided that the light still maintains function of: <ol style="list-style-type: none"> <li>momentary on,</li> <li>and constant on.</li> </ol> </li> <li>[MT3.25] The evaluator will visually and physically inspect the RDS to ensure: <ol style="list-style-type: none"> <li>The RDS continues to operate; and</li> <li>Hardware retention remains secure;</li> </ol> </li> <li>[MT3.25] The evaluator will evaluate the point of impact change of the RDS as follows: <ol style="list-style-type: none"> <li>The evaluator using the pistol shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag will shoot a group of five (5) rounds using the RDS at 25 m (27.3 yds)</li> <li>An average of the grouping for the pistol with RDS will be taken to assess whether the RDS' point of impact change is less than 5.08 cm (2 inches).</li> </ol> </li> </ol>		
Mandatory Evaluations		
Number	Description	Method of Evaluation

MT 2.10.6	The pistol must have a safety feature that prevents the pistol from firing and the firing pin from moving forward when dropped.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. The evaluator will determine whether the gun discharges during the drop test.
MT 2.10.7	The pistol must be capable of firing after being dropped from a height of 121.9 cm (48 inches) onto a concrete floor.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. Following the last drop, the evaluator will attempt to fire the pistol with a primed cartridge case. Should the pistol fire, the remaining rounds in the magazine will be fired.
MT 3.25	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the RDS must: a) remain affixed to the pistol, b) maintain the ability to see the red dot, c) and maintain its 0.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. Following the last drop, the evaluator will visually and physically inspect the RDS to ensure: 1. The RDS continues to operate; and 2. Hardware retention remains secure.
MT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light, whether still affixed or detached from the pistol after the drop, must maintain function of: a) momentary on; and b) constant on.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. The evaluator will ensure the weapon light maintains function of: a. momentary on; and b. constant on.  In the event that the weapon light becomes detached from the firearm there will be no deduction provided that the light still maintains function of: a. momentary on; and b. constant on.
MT 4.10	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light glass must not break, become dislodged, or fall out.	The pistol will then be dropped from a height of 121.9 cm (48 inches) onto a concrete floor in the sequence of six (6) defined orientations. The evaluator will visually inspect the weapon light to ensure the LED weapon light glass does not break, become dislodged, or fall out.

## ANNEX B: MANDATORY TECHNICAL & RATED CRITERIA

### A. PART 1 - MANDATORY TECHNICAL CRITERIA

The bidder is requested to provide technical documentation such as user manuals, screenshots, design or technical documents, as well as other accredited independent third party information to support the Bidder's response to each requirement. Links to websites are not acceptable and any reference material listed by the Bidder to demonstrate compliance on a criterion is requested to be part of the bid (soft copy). If it is not included in the bid, it will not be taken into consideration by Canada. The Bidder should direct Canada to the appropriate location in the bid documentation.

Technical Evaluation Criteria (Mandatory)				
Pistol Bundle				
Number	Description	Method of Evaluation	Compliance (Y/N)	Reference (Bid Page No.)
MT 1.1	The pistol, RDS, LED weapon light, and general duty holster must operate as a system within a minimum temperature range of -40°C to +48°C.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 1.2	The pistol with fixed ancillaries (RDS and LED weapon light) must fit in the general duty holster.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 1.3	All components of the bundle must be capable of functioning at the same time without affecting performance.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

		specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.1	<p>The pistol must be capable of firing 20,000 rounds without:</p> <ul style="list-style-type: none"> <li>a. Needing to change the barrel, frame and slide;</li> <li>b. Incurring a class 4 event;</li> <li>c. Incurring more than 136 pts based on class 1, 2, and 3 events as per evaluation outlined in [RT 2.1.1]; and</li> <li>d. Needing to change any part due to failure outside the manufacturer's part replacement schedule.</li> </ul>	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.2	The pistol's parts, components, magazines, and magazine parts (excluding barrel, frame, and slide) must not require replacement for a minimum of 5000 rounds.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.3	The pistol must have a maximum length of 190.5 mm (7.50 inches) when measured from the barrel muzzle to the rear of the beavertail.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.4	The pistol must have a maximum overall height of 141 mm (5.55 inches) measured from the top of the slide to the bottom of the pistol grip with the magazine and RDS removed.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.5	The pistol must have a maximum overall width of 34.9 mm (1.375 inches) measured from slide catch lever to slide catch lever.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

			specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.6	The pistol barrel must have a minimum length of 99 mm (3.9") and a maximum length of 108 mm (4.25").		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.1.7	The pistol must not weigh more than a maximum of 808 grams (28.5 oz) when the magazine is empty and no accessories are attached.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.2.1	The pistol must be capable of firing 9 mm Luger 147 gr. calibre ammunition.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.2.2	The pistol must be capable of shooting a 15.25 cm (6 inch) grouping from 25 m (27.34 yards) away.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.3	The pistol must be a mechanically-locked, recoil-operated, striker-fired semi automatic pistol.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.4.1	The pistol must have a matte black finish on all visibly exposed surfaces when the pistol is fully assembled. Visibly exposed surface parts include grip frame housing, back straps, frame, slide and magazines.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

MT 2.4.2	Any exterior or interior metal parts and springs must feature corrosion-resistant materials or surface finishes.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.4.3	The parts of the pistol that are normally handled by a user (grip, slide, trigger, and trigger guard) must not have any sharp edges.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.4.4	The pistol's frame (grip module) must be manufactured of polymer.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.4.5	The pistol's frame (grip module) must be manufactured to ensure that its shape cannot be distorted when gripped or when accessories are mounted.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.1	The pistol's grip must be manufactured to accommodate a minimum range of 3 hand sizes (small, medium, and large).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.2	When affixed, the grip options must not come loose or fall off.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.3	The pistol's grip must not have finger grooves.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		



			specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.4	The pistol's grip must feature a textured design feature to ensure the pistol does not fall out of a user's hand.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.5	The underside of the trigger guard and the underside of the beavertail must not be textured.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.6	The pistol's trigger guard must enable a user to fire the pistol while wearing RCMP standard issue gloves.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.7	The pistol's front and rear sides (left and right) of the slide must have non-slip grasping grooves.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.8	The pistol must have (an) ambidextrous slide catch lever(s) that enables a user to activate it using either hand.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.5.9	Each pistol must come with a ceremonial lanyard loop that can be attached to the pistol magazine's base plate.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

MT 2.5.10	The full circumference edge at the entrance of the magazine well must be beveled or flared in order to aid in the insertion of a magazine.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.6.1	The pistol's magazine release must be configurable for either a right or left handed user.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.6.2	The pistol's magazine must have a push button that will release the magazine when a user presses it by making a lateral movement (from side to side) with their thumb.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.6.3	The pistol's magazine release mechanism must not allow the magazine to be inadvertently released when the pistol is being fired from the shooting position.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.7.1	The pistol's trigger pull weight must be a minimum of 2.27kg (5.0 lbs) up to a maximum of 3.18kg (7.0 lbs).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.7.2	The pistol's trigger pull must positively reset when a user releases the trigger following a firing cycle.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.7.3	The pistol's striker fired mechanism must have a minimum firing pin indent of 0.305 cm (0.012").	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

			specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.8.1	The pistol's magazine must have a minimum capacity of fifteen (15) rounds.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.8.2	The pistol's magazines must be manufactured of a material that is rust and corrosion resistant (i.e. plastic or stainless steel) .		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.8.3	The pistol's magazine must have witness holes that aligns with each cartridge in the magazine starting at cartridge number four (4).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.8.4	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54mm (0.100") up to a maximum of 6.35 mm (0.250") from the front of the pistol's grip.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.8.5	When the pistol's magazine release button is pressed, the pistol's magazine must drop free from the pistol with the following criteria: a) without user intervention, b) when the magazine is loaded and when it is empty, and c) when the slide is in either a forward or rear-locked position.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.9	The pistol must have a Picatinny MIL-STD-1913 compatible rail system that is integrated into the pistol's frame dust cover.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

			specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.1	The pistol must have no external manual safety levers, grip safeties, and push-button safeties.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.2	The pistol must enable a user to discharge a cartridge with the pistol's magazine removed.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.3	The pistol must have an internal firing pin safety.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.4	The pistol must have a mechanical safety to prevent a user from firing the pistol when not in battery (slide not fully forward and unlocked).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.5	The pistol must have either a visual or tactile indicator that alerts a user that the pistol's chamber is loaded.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.10.6	The pistol must have a safety feature that prevents the pistol from firing and the firing pin from moving forward when dropped.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

MT 2.10.7	The pistol must be capable of firing after being dropped from a height of 121.9 cm (48 inches) onto a concrete floor.	The pistol's tabbed trigger/trigger safety will be visually and physically inspected.		
MT 2.11.1	The pistol's front sight must be black and must have a yellow or orange coloured glow-in-the-dark photoluminescent outline surrounding a green tritium phosphor-filled glass lamp in the center (round dot).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.2	The pistol with iron sights and the pistol with RDS must shoot duty ammunition to point of aim within a 5.08 cm (2") radius at 25m. (27.34 yards)	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.3	The pistol's front sights must have a square front post with a width measuring between 3.05mm (0.120") and 3.68mm (0.145").	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.4	The pistol's rear sight must have each of the following: a) A square or u-shaped notch; b) A surface that will reduce glare to assist a user with front sight focus; and c) A notch width between 4.57mm (0.180") and 5.46mm (0.215").	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.5	The pistol's front sight tritium glass lamp must be protected with a mechanism that will prevent the removal of the coloured portion of the front sight when using cleaning or chemical products on the pistol.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.6	The pistol's rear sight must be black.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

			specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.7	The pistol's rear sight tritium vials must be surrounded with a black outline.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.8	The pistol's front and rear sights must be replaceable.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.9	The pistol's rear sight must enable a user to adjust it for windage.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.10	The pistol's rear iron sight dovetail must be milled to the pistol's slide.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.11.11	The pistol's sights must have a fixed elevation.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.12.1	The training pistol's slide must be blue		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

MT 2.12.2	The training pistol must come with the submitted weapon light attached to it in the same manner as the submitted service pistol.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.12.3	The training pistol with the submitted weapon light attached must be capable of firing RCMP marking cartridges	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.13.1	The slide must be manufactured of steel.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 2.13.2	The slide must have a durable finish that is resistant to rust and salt water corrosion.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
<b>Red Dot Sight (RDS)</b>				
MT 3.1	The red dot sight (RDS) must be configured to direct mount to the pistol slide	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.2	The RDS mounting surface must be machined to enable a user to view the pistol's front and rear iron sights when using the pistol.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.3	The RDS must enable a user to view the pistol's	The Bidder must provide written documentation		

	iron sights through the RDS at a lower 1/3 co-witness.	that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.4	The RDS must be a closed emitter system not capable of being converted to an open emitter.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.5	The RDS retention hardware must be made of steel.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.6	The RDS must function and maintain 0 within a temperature range of -40°C to +48°C for a minimum of 4 hours.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.7	The RDS housing must be made of hard anodized aluminum alloy with a non-reflective, matte black finish.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.8	Including the battery, the RDS must weigh no more than 62 g (2.19 oz.)	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.9	The RDS magnification must not exceed 1X.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an		



			accredited independent, third party testing facility.		
MT 3.10	The RDS must have a full field of view when a user is holding the pistol in a shooting position.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.11	The RDS must be parallax free within 25m (27.3 yds).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.12	The RDS must have flush mounted elevation and windage click adjustments that will enable a user to adjust for elevation and windage at no coarser than 1 Minute of Angle (MOA) per click.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.13	The RDS must have a minimum clear aperture of 15mm (.59 inch) in both width and height.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.14	The RDS exterior dimensions must be less than or equal to 50mm (1.96 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.15	The RDS dot intensity switch must be positioned to adjust by the support hand.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.16	The RDS dot intensity switch must be flush		The Bidder must provide written documentation		

	mounted and use a pliable or soft material that must function under operational temperature requirements as specified in 1.1.	that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.17	The RDS must have a minimum of 8 dot intensity settings.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.18	The RDS dot must be red and must be $3.5 \pm .5$ MOA in size.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.19	The RDS optic lenses must have a coating that does not create a glare or reflection for the user.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.20	When viewed from the rear of the optic, the RDS field of view must be clear and true to colour.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.21	The RDS must use a coin cell CR2032 (3.0V) Lithium battery with a minimum battery life of two (2) years when operating at the middle dot intensity setting (room temperature, constant on).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.22	When set to high, the RDS dot intensity setting must enable a user to view the red dot in bright lighting conditions (i.e. outdoors in sunlight) at a distance of 6.4m (7 yards).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

			independent, third party testing facility.		
MT 3.23	The RDS must include a design feature that will enable a user to replace the battery without removing the RDS from the pistol slide.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.24	The RDS must be waterproof to a rating of IPX7 as defined in ANSI/ NEMA FL 1-2009.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 3.25	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the RDS must: a) remain affixed to the pistol, b) maintain the ability to see the red dot, and c) maintain its 0.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
<b>LED Weapon Light</b>					
MT 4.1	The weapon light must mount on a Picatinny MIL-STD-1913 pistol rail.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.2.1	The weapon light must have a maximum height of 32.2 mm (1.27 inches).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.2.2	The weapon light must have a maximum width of 29.8 mm (1.18 inches).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

			independent, third party testing facility.		
MT 4.2.3	The weapon light must have a maximum length of 65.5 mm (2.58 inches).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.2.4	Including the battery, the weapon light must have a maximum weight of 68.1 g (2.4 oz.)		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.3	The weapon light must not protrude beyond the muzzle of the pistol.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.4	The weapon light must have ambidextrous, rear activated operating and switching controls.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.5	The weapon light's operating and switching controls must include each of the following settings: a) momentary on, and b) constant on.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.6	The weapon light must have ambidextrous high and low switch configurations.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.7	The weapon light must include a lockout		The Bidder must provide written documentation that		

	feature that will prevent the weapon light from being accidentally activated.	demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.8	The weapon light must be a light emitting diode (LED) light with a minimum output of 500 lumens and a minimum run time of 1.5 hours.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light, whether still affixed or detached from the pistol after the drop, must maintain function of: a) momentary on, and b) constant on.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.10	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light glass must not break, become dislodged, or fall out.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.11	The weapon light lens must be made of heat resistant glass.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.12	The weapon light lens must be scratch resistant.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.13	The weapon light must use a lithium 3 Volt CR123A battery.	The Bidder must provide written documentation that demonstrates how this requirement is met.		

			Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.14	The weapon light must have a hard anodized aluminum body.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.15	The weapon light must have a minimum waterproof rating of IPX7 as defined in ANSI/ NEMA FL 1-2009.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 4.16	The weapon light must include a design feature that will enable a user to replace the battery without having to remove the weapon light from the pistol.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
<b>Carrying Case</b>					
MT 5.1	The carrying case must have maximum external dimensions of width of 38.1 cm (15 inches), height of 29.2 cm (11.5 inches), and depth of 12.7 cm (5 inches) to hold the configured pistol with RDS and weapon light, and three magazines, along with pistol accessories such as grip components.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.2	The carrying case must be equipped with a minimum of two (2) latching devices.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.3	The carrying case must include two (2)		The Bidder must provide written documentation that		

	separated securing eyelets with a minimum diameter of 5 mm (0.20 inch) that when locked with 2 RCMP approved locks will secure the case from being pried open by hand.	demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.4	The carrying case must include a foam insert that does not absorb water and is cut to secure and segregate the configured pistol with RDS and weapon light, and three magazines by a minimum of 1.91 cm (0.75") on all sides.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.5	The carrying case must have a carrying handle.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.6	The carrying case must have a hinged lid that will hold open when empty or lay flat when opened.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.7	The carrying case must be stackable.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.8	The carrying case must be opaque so that the contents within the case are not visible when the case is closed.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 5.9	The carrying case must not be embossed with any name, logo, nor any markings which could indicate the content as a firearm.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

			independent, third party testing facility.			
MT 5.10	The carrying case must be coloured black or in grey tones.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			
<b>General Duty Holster</b>						
MT 6.1	The holster must be available in a left- and right-handed configuration.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			
MT 6.2	The holster must be able to secure the configured pistol with RDS and weapon light.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			
MT 6.3	The holster must have a minimum retention level rating of RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			
MT 6.4	The holster must have two (2) mechanical locking devices to keep the pistol in the holster, including: a) an automatic locking system; and b) and a self-locking system.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			
MT 6.5	The holster's mechanical locking devices must release the pistol from the holster when a user performs two (2) opposing, sequential motions.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.			



MT 6.6	The holster's automatic locking system must offer retention in all directions for both left and right-handed holsters.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.7	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.8	The holster's retention and locking mechanisms must be positioned on the top forward portion of the holster to enable a user to draw the pistol with their dominant or nondominant hand.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.9	The holster must have a locking mechanism that can be serviced by a user (i.e. cleaning, disassembly, and adjustments).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.10	When the holster's retention features are deactivated, the holster must enable a user to draw the pistol parallel to the body.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.11	The holster must be made of a durable, polymer material with a non-reflective, matte black surface finish.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.12	The holster must protect the magazine release from inadvertently releasing the magazine while in the holster.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's		

			specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.13	The holster must encase the RDS and rear sight when in a locked and holstered position.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.14	The holster's locking mechanism must feature a shroud to prevent an inadvertent release of the locking mechanism.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.15	The holster must have a design feature that will enable a user to prevent unnecessary movement in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.16	The holster must mount to an in-service duty belt that ranges from 5.0 to 5.7 cm in width and 3 to 5 mm thickness limiting unnecessary movement.		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.17	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.18	The pistol must remain in the holster when force is applied in accordance with RCMP-UEP SP 2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).		The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

MT 6.19	The holster must not migrate while in use on the in-service duty belt.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.20	The holster's exterior and interior metal parts and springs must feature corrosion-resistant material (i.e. stainless steel) or corrosion-resistant surface finish (i.e. electroplating).	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.21	The bottom of the holster must have (a) drain hole(s) or be open.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.22	The holster must not scratch the surface finish of the pistol.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		
MT 6.23	The RDS holster shroud must not impede holstering of the configured pistol.	The Bidder must provide written documentation that demonstrates how this requirement is met. Documentation must include a manufacturer's specification sheet or test results from an accredited independent, third party testing facility.		

## B. PART 2 - RATED TECHNICAL CRITERIA

The bidder is required to provide technical documentation such as user manuals, screenshots, design or technical documents, as well as other accredited independent third party information to support the Bidder's response to each requirement. Links to websites are not acceptable and any reference material listed by the Bidder to demonstrate compliance on a criterion is requested to be part of the bid (soft copy). If it is not included in the bid, it will not be taken into consideration by Canada. The Bidder should direct Canada to the appropriate location in the bid documentation.

Technical Evaluation Criteria (Rated)				
Pistol Bundle				
Number	Description	Points Allocation	Score	Reference (Bid Page No.)
RT 1.2	The pistol with fixed ancillaries (red dot sight and weapon light) should fit in the plain clothes holster.	Demonstrated: 3 points Not Demonstrated: 0 points		
Service Pistol				
RT 2.1.1	The pistol should be capable of firing 20,000 rounds without incurring class 1, class 2, and class 3 events.	Demonstrated: 136 points Not Demonstrated: 0 points		
RT 2.2.1	The pistol should be capable of firing 9mm Luger +P ammunition.	Demonstrated: 15 points Not Demonstrated: 0 points		
RT 2.2.2	The pistol should be capable of shooting a 10.16 cm (4 inch) grouping from 25 m (27.34 yards) away.	Demonstrated: 15 points Not Demonstrated: 0 points		
RT 2.3	The recoil spring guide should be manufactured of solid metal.	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 2.4.1	The pistol should also be available in a FDE (Flat Dark Earth) finish on all visibly exposed surfaces when the pistol is fully assembled. Visibly exposed surface parts include grip frame housing, back straps, frame, slide and magazines.	Demonstrated: 3 points Not Demonstrated: 0 points		

Technical Evaluation Criteria (Rated)				
Pistol Bundle				
Number	Description	Points Allocation	Score	Reference (Bid Page No.)
RT 2.4.5	The pistol should have a steel insert molded to the frame (grip module) to further prevent distortion when gripped or when accessories are mounted.	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 2.5.1	The pistol's grip should be manufactured to accommodate more than 3 hand sizes.	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 2.7.1	The pistol's trigger pull weight should be between 2.38 kg (5.25 lbs) and 2.72kg (6.0 lbs)	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 2.8.1	The pistol's magazine should have a minimum capacity of seventeen (17) rounds.	Demonstrated: 3 points Not Demonstrated: 0 points		
RT 2.10.5	The pistol should have both visual and tactile indicators that alerts a user that the pistol's chamber is loaded.	Demonstrated: 3 points Not Demonstrated: 0 points		
RT 2.10.7	The pistol should feature a tabbed trigger/trigger safety.	Demonstrated: 24 points Not Demonstrated: 0 points		
RT 2.11.8	The front and rear sights should be marked with a number or symbol indicating its relative height.	Demonstrated: 3 points Not Demonstrated: 0 points		
RT 2.12.1	The training pistol's frame should be blue	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 2.12.2	The training pistol should come with the submitted RDS attached to it in the same manner as the submitted service pistol.	Demonstrated: 24 points Not Demonstrated: 0 points		
RT 2.12.3	The training pistol with the submitted weapon light and submitted RDS attached should be capable of firing RCMP marking cartridges	Demonstrated: 24 points Not Demonstrated: 0 points		
RT 2.13.1	The slide should be manufactured of stainless steel	Demonstrated: 15 points		

Technical Evaluation Criteria (Rated)				
Pistol Bundle				
Number	Description	Points Allocation	Score	Reference (Bid Page No.)
		Not Demonstrated: 0 points		
<b>Red Dot Sight (RDS)</b>				
RT 3.17	The RDS should have one or more dot intensity settings for night vision.	Demonstrated: 15 points Not Demonstrated: 0 points		
<b>LED Weapon Light</b>				
RT 4.4	The weapon light should have an optional feature that enables a user to momentarily activate the light while the user's finger remains on the trigger.	Demonstrated: 9 points Not Demonstrated: 0 points		
RT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light should remain affixed.	Demonstrated: 9 points Not Demonstrated: 0 points		
<b>General Duty Holster</b>				
RT 6.1	The bidder should have a plain clothes holster available in a left- and right-handed configuration.	Demonstrated: 3 points Not Demonstrated: 0 points		
RT 6.16	The holster should mount to an MOLLE duty belt.	Demonstrated: 3 points Not Demonstrated: 0 points		

## ANNEX D: USABILITY EVALUATION

### Introduction

The Usability Evaluation will capture the user experience of RCMP end-users while operating the configured pistol (affixed red dot sight and weapon light) and general duty holster. It will be conducted as per the methodology outlined in this Annex. The assessment will consist of several operationally-based activities that are focused on the evaluator's opinion of their ability to safely, effectively, and successfully complete manipulations and live-fire while using the configured pistol and general duty holster. It will consist of the following components:

1. **Classroom Table Top Component** - This operational-based user assessment serves to assess the user experience while manipulating the Bidder's configured pistol offering after a brief familiarization period.
2. **Live Fire Component** - This operational-based user assessment serves to assess the user experience while shooting the Bidder's configured pistol offering. The assessment will consist of two (2) portions:
  - a. **Manipulation** - Ease of use of the Bidder's configured pistol and general duty holster.
  - b. **Perception of Accuracy** - Evaluator's observation of shot groupings.

Each activity will be evaluated qualitatively through the use of a systematic user rating on a 4 point Likert-type scale. The use of such a scale will provide a clear and understandable quantification of the evaluator's user experience in a controlled manner. The rubric and score for the Likert scale will be as follows:

Scale Rating	Definition	Score
Completely Disagree	Unusable for the described task.	0 points
Disagree	Difficult to use and had several limitations for the described task.	1 point
Agree	Performed adequately with only minor limitations on usability for the described task.	3 points
Completely Agree	Performed well with no limitations on usability for the described task.	5 points

Evaluators will conduct and record the results for each evaluation component using the surveys provided in order to collect user perception. Evaluations will be conducted at an RCMP-approved range over a period of a number of days.

■

If there is a critical failure in the Bidder’s pistol at any time during the Usability Evaluation, the Bidder will fail, their bid will not be given further consideration, and it will be deemed non-compliant. Should there be technical or logistical issues outside of the Bidder’s control, the Bidder will not be penalized and the evaluation will continue once Canada has resolved the issue.

**Evaluators**

Usability Evaluations will be conducted by RCMP end-users (regular members) and observed by the PSPC Contracting Authority and the Fairness Monitor. The evaluators will:

- Be composed of RCMP police officers, including left and right-handed users, of a variety of physical sizes;
- Include up to sixty (60) evaluators, with a minimum of fifty (50), whom will complete each of the Usability Evaluation components;
- Include a minimum female participation of 30%; and
- Wear RCMP Uniform Service Order #1.

Where required, and as outlined in the evaluation methodology, evaluators will wear a variety of RCMP approved gloves in order to complete specific evaluations. Unless otherwise specified, all components of the Usability Evaluation will be conducted in English.

Each evaluator must complete all tasks within each component. Should an evaluator become incapacitated or unavailable to complete the Usability Evaluation for all Bidders, the activity will be deemed incomplete for that evaluator and none of the results for that evaluator will be included in the results for the Usability Evaluation.

**Component Score**

A score will be calculated for each question as the sum of the scores assigned by all evaluators divided by the number of evaluators. For each component, the total score will be calculated as the sum of the scores for all questions in that component. The Usability Evaluation total will be calculated as the sum of the scores from each of the two components. If female participation is below 50%, Canada will weight female participant evaluations to 50% of the total Usability Evaluation score.

Component	Descriptions		Number of questions	Maximum score per question	Maximum total score	% of Usability Evaluation
Component #1	Classroom Table Top		31	5 pts	155 pts	20%
Component #2	Live Fire	Manipulation	30	5 pts	150 pts	50%



		Perception of Accuracy	2	5 pts	10 pts	30%
		Usability Evaluation Total:	63		305 pts	100%

#### Bidder Set-up Responsibilities

Each bidder must provide Canada with the following items to carry out the Usability Evaluation. The items provided must be the same models proposed as part of the bid response and must be delivered to Canada no later than thirty (30) days after bid closing. The item quantities requested will be as follows:

Pistol (Pre-Sighted and zeroed)	8	RDS	8
Weapon Light	8	*General Duty Holster	8 (6 right handed and 2 left handed)
*Magazines	24	*Carrying Case	8
Quick Reference Guide	1 (in both of Canada's official languages; English and French)	Grip Sizing Components	Quantity based on bid submission. Minimum of 3 per pistol.
*Tools and Test Equipment	As per manufacturer's recommended service requirements	*Maintenance Kits	As per manufacturer's service requirements

The Bidder must configure all pistols with an RDS and weapon light prior to shipping them to Canada. The RDS must be pre-sighted and zeroed.

■ The Bidder must supply user manual(s) for all provided products that provide sufficient detail for evaluators to use as a reference to carry out the Usability Evaluation. The Bidder must also supply user manual(s) or instructions to provide Canada with any additional information they may require to complete the set-up of the Usability Evaluation.

### **Canada Set-up Responsibilities**

Canada will carry out the evaluations at one or more RCMP approved facilities. Evaluation facilities will be equipped to support classroom activities and live fire shooting. Prior to the conduct of the Usability Evaluation, Canada will clean and lubricate (using RCMP approved lubricant) the configured pistols as per each manufacturer's specifications. Canada will inspect, gauge, and confirm the zero to verify that pistols are safe to fire prior to live fire evaluations. For live fire components of the Usability Evaluation, Canada will service the pistol and ancillary equipment as per the manufacturer's recommended parts replacement and cleaning protocols. For any weapon that is deemed unsafe to fire, the reasons will be recorded and the bid will be deemed noncompliant and given no further consideration.

### **Usability Evaluation Methodology**

The Usability Evaluation will include a classroom and a live-fire component which will be conducted at an RCMP approved facility by the selected evaluators. The Usability Evaluation will be conducted with the bidder's proposed pistol bundle in the hands of an RCMP evaluator. Each participant will conduct the classroom portion and live-fire portions of each bid submission provided by the Bidders. The evaluation will be conducted as follows:

1. **Pistol Selection:** In the classroom and on the range, each pistol will be randomly assigned to a station number (station #1 – pistol X, station #2 – pistol Y). The station numbers will be randomly reassigned each test day (to avoid the same pistol consistently coming before or after another pistol or being consistently located in the same shooting lane on the range). The evaluators will be randomly assigned numbers consistent with the number of successful bids at this portion of the process (i.e., 5 offerings are still eligible, candidates are grouped into groups of 5). Each evaluator will complete the classroom table top component before the live fire component.
2. **Classroom Presentation:** The classroom presentation will include an overview of the evaluation, rating matrix/system, and a review of the functionality of each pistol to be evaluated to familiarize all participants with each individual pistol;
3. **Pistol Fitting:** Each evaluator will be provided with a pistol that has been deemed safe to fire by an RCMP armoured. The pistol will be disassembled, cleaned, and lubricated at the end of each day (or as per manufacturer's instructions). The evaluator will:
  - i. be sized for the pistol and provided with an appropriately sized grip based on manufacturer instructions; and
  - ii. mount the bidder-provided holster to their RCMP issued general duty belt.

4. **Quick Reference Guide:** The Bidder must supply (a) user manual(s) for all provided products that provide sufficient detail for evaluators to use as a reference to carry out the Usability Evaluation. The Bidder must also supply (a) user manual(s) or instructions to provide Canada with any additional information they may require to complete the set-up of the Usability Evaluation.
5. **Familiarization:** Each RCMP evaluator will receive familiarization with each of the Bidders configured pistol and holster prior to conducting the classroom and live-fire evaluation. The Bidder is to provide an electronic or paper-based Quick Reference Guide that will be provided to the evaluator during the familiarization period. Should the evaluator have any questions regarding the pistol's functionality, an RCMP provided Subject Matter Expert (SME) will provide a pistol walkthrough consistent with the manufacturer's instructions. The SME will be randomly paired with an evaluator and follow the evaluator throughout the course of the evaluation. The familiarization period will not exceed ten (10) minutes per pistol;
6. **SME Demonstration:** Evaluators will be provided a one-on-one demonstration of pistol assembly/ disassembly based on manufacturer's instructions after the familiarization period.
7. **Paper Evaluation:** Evaluators will be provided with evaluation grids at the beginning of each trial. The evaluators will fill out evaluation grids in the following manner:
  - i. **Classroom Table Top Component:** Evaluators will fill out the appropriate sections of the grid after each manipulation.
  - ii. **Live Fire Component:** Evaluators will fill out the Live Fire grid after the completion of all the live fire exercises.
8. **Classroom Table Top Component:**
  - i. This portion of the usability component will represent 20% of the final score.
  - ii. This portion of the usability component will not exceed thirty (30) minutes per offering.
  - iii. The following manipulations will be performed and scored:

Manipulation	Instructions
<b>Safety Check 1-Overhand Grip:</b>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"><li>1. Orient the muzzle of the configured pistol in a safe direction;</li><li>2. Maintain finger off the trigger along the frame;</li><li>3. Grasp the slide using an overhand grip;</li><li>4. Pull the slide to the rear;</li><li>5. Using the slide lock mechanism, lock the slide in the open position;</li><li>6. Perform a physical and visual inspection of the firing chamber and magazine well;</li><li>7. Grasp the slide using an overhand grip; and</li></ol>

	<p>8. Pull back the slide to release the slide lock mechanism to allow the slide to go forward.</p>
<p><b>Safety Check 2 - Optic Housing:</b></p>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Maintain finger off the trigger along the frame;</li> <li>3. Using the knife edge of your hand on the front corner of the optic housing, pull the slide to the rear;</li> <li>4. Using the slide lock mechanism, lock the slide in the open position;</li> <li>5. Perform a physical and visual inspection of the firing chamber and magazine well; and</li> <li>6. Using the knife edge of your hand on the front corner of the optic housing, pull back the slide to release the slide lock mechanism to allow the slide to go forward.</li> </ol>
<p><b>Safety Check 3 - Slingshot:</b></p>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Maintain finger off the trigger along the frame;</li> <li>3. Grasp the slide using a slingshot grip;</li> <li>4. Pull the slide to the rear;</li> <li>5. Using the slide lock mechanism, lock the slide in the open position;</li> <li>6. Perform a physical and visual inspection of the firing chamber and magazine well;</li> <li>7. Grasp the slide using a slingshot grip; and</li> <li>8. Pull back the slide to release the slide lock mechanism to allow the slide to go forward.</li> </ol>
<p><b>Basic Manipulation 1 - Overhand Grip:</b></p>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Press and hold the trigger all the way to the rear to release the firing pin;</li> <li>3. While maintaining the trigger to the rear, cycle the slide using an overhand grip;</li> <li>4. Release the trigger slowly, determine trigger reset, and place finger on the frame of the pistol;</li> <li>5. Index an empty magazine and insert it into the pistol;</li> <li>6. Grasp the slide using an overhand grip and pull it to the rear, the slide should lock in the open position;</li> <li>7. Depress the magazine release and allow the magazine to fall free;</li> <li>8. Grasp the slide using an overhand grip and pull back to release the slide lock mechanism to allow the slide to go forward; and</li> <li>9. Repeat steps 1 to 8 once wearing RCMP standard issue winter gloves and again wearing RCMP standard issue slash gloves.</li> </ol>

<b>Basic Manipulation</b> <b>2 - Optic Housing:</b>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Press and hold the trigger all the way to the rear to release the firing pin;</li> <li>3. While maintaining the trigger to the rear, cycle the slide using the knife edge of your hand on the front casing of the optic housing;</li> <li>4. Release the trigger slowly, determine trigger reset, and place finger on the frame of the pistol;</li> <li>5. Index an empty magazine and insert it into the pistol;</li> <li>6. Pull the slide to the rear using the knife edge of your hand on the front casing of the optic housing, the slide should lock in the open position;</li> <li>7. Depress the magazine release and allow the magazine to fall free; and</li> <li>8. Pull the slide to the rear using the knife edge of your hand on the front casing of the optic housing to release the slide lock mechanism and allow the slide to go forward.</li> </ol>
<b>Basic Manipulation</b> <b>3 - Slingshot:</b>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Press and hold the trigger all the way to the rear to release the firing pin;</li> <li>3. While maintaining the trigger to the rear, cycle the slide using an slingshot grip;</li> <li>4. Release the trigger slowly, determine trigger reset, and place finger on the frame of the pistol;</li> <li>5. Index an empty magazine and insert it into the pistol;</li> <li>6. Grasp the slide using an slingshot grip and pull it to the rear, the slide should lock in the open position;</li> <li>7. Depress the magazine release and allow the magazine to fall free; and</li> <li>8. Grasp the slide using a slingshot grip and pull back to release the slide lock mechanism to allow the slide to go forward.</li> </ol>
<b>Basic Manipulation</b> <b>4 - Ancillaries</b>	<p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Orient the muzzle of the configured pistol in a safe direction;</li> <li>2. Turn on the RDS as per manufacturer's instructions;</li> <li>3. Adjust the RDS intensity as per manufacturer's instructions;</li> <li>4. Determine the RDS intensity in accordance with current lighting conditions;</li> <li>5. Turn on the momentary on function for the weapon light as per manufacturer's instructions;</li> <li>6. Turn on the constant on function for the weapon light as per manufacturer's instructions; and</li> <li>7. Turn off the constant on function for the weapon light as per manufacturer's instructions.</li> </ol>

<b>Basic Manipulation</b> <b>5 - Holster</b>	<p><b>Dominant Hand Draw</b></p> <p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Secure the configured pistol in the holster as per manufacturer's instructions;</li> <li>2. Draw the configured pistol from the holster using your dominant hand only;</li> <li>3. Orient the muzzle of the configured pistol in a safe direction;</li> <li>4. Repeat steps 1 to 3 two (2) more times; and</li> <li>5. Repeat steps 1 to 4 once wearing RCMP standard issue winter gloves and again wearing RCMP standard issue slash gloves.</li> </ol> <p><b>Support Hand Draw</b></p> <p>Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Secure the configured pistol in the holster as per manufacturer's instructions;</li> <li>2. Draw the configured pistol from the holster using your support hand only;</li> <li>3. Orient the muzzle of the configured pistol in a safe direction; and</li> <li>4. Repeat steps 1 to 3 two (2) more times.</li> </ol>
<b>Field Strip</b>	<p>As per manufacturer's instructions.</p>
<b>Assembly</b>	<p>As per manufacturer's instructions.</p> <p><b>Note:</b> Prior to continuing to the live fire exercise, RCMP armourers will conduct a function check as per manufacturer's instructions and perform visual inspection to confirm the pistol is in working order.</p>

**9. Live Fire component:**

- i. This portion of the usability evaluation will represent 80% of the final score. It will be broken down as follows:
  - a. "Manipulation" will represent 50% of the Usability Evaluation final score. This self-assessment of the configured pistol and holster functionality will be evaluated with live fire exercises and be scored at the end of this component.
  - b. "Perception of Accuracy" will represent 30% of the Usability Evaluation final score. This self-assessment of grouping accuracy will occur after each stage and be scored at the end of this component.
- ii. This portion of the Usability Evaluation will not exceed thirty (30) minutes per offering.
- iii. The configured pistol will be fired with RCMP approved ammunition.
- iv. The following stages will be performed by the evaluators as follows:

Stage	Instructions
<p><b>Warmup:</b> Familiarization</p>	<p>This stage will not exceed a time limit of five (5) minutes and will be performed at seven (7) meters. Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Load two (2) magazines to 10 rounds each;</li> <li>2. Step into their assigned shooting lane;</li> <li>3. Ensure the RDS is turned off as per manufacturer's instructions;</li> <li>4. On command from the Range Officer (RO), the evaluator will load and ready their pistol;</li> <li>5. Assess the status of the pistol using the loaded chamber indicator;</li> <li>6. Holster their pistol;</li> <li>7. On command from the Range Officer (RO), the evaluator will fire their pistol until their magazine is empty using their iron sights;</li> <li>8. Turn on the RDS as per manufacturer's instructions;</li> <li>9. Perform an open-action reload;</li> <li>10. Assess the status of the pistol using the loaded chamber indicator;</li> <li>11. Draw and fire their pistol until their magazine is empty using the RDS;</li> <li>12. Remove the magazine;</li> <li>13. Perform a physical and visual inspection of the firing chamber and magazine well; and</li> <li>14. Holster their empty pistol.</li> </ol>
<p><b>Stage 1</b></p>	<p><b>Objective:</b> The evaluator will be shooting a six (6) round rhythm in a twenty (20) second time frame while intending to achieve the smallest grouping possible.</p> <p>This stage will be performed at seven (7) meters. Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Load one (1) magazine to 6 rounds;</li> <li>2. Step into their assigned shooting lane;</li> <li>3. Ensure the RDS is turned on as per manufacturer's instructions;</li> <li>4. On command from the Range Officer (RO), the evaluator will load and ready their pistol;</li> <li>5. Assess the status of the pistol using the loaded chamber indicator;</li> <li>6. Holster their pistol;</li> <li>7. On command from the Range Officer (RO), the evaluator will have twenty (20) seconds to draw and fire their pistol until their magazine is empty using the RDS;</li> <li>8. Remove the magazine;</li> <li>9. Perform a physical and visual inspection of the firing chamber and magazine well;</li> </ol>



	<p>10. Holster their empty pistol; and</p> <p>11. Evaluate the accuracy of this stage.</p>
<b>Stage 2</b>	<p><b>Objective:</b> The evaluator will conduct a reload manipulation in a twenty (20) second timeframe. The four (4) rounds fired at ten (10) meters will be self-assessed for grouping.</p> <p>This stage will be performed at ten (10) meters. Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Load two (2) magazines to 2 rounds each;</li> <li>2. Place the second magazine in an accessible position on your person;</li> <li>3. Step into their assigned shooting lane;</li> <li>4. Ensure the RDS is turned on as per manufacturer's instructions;</li> <li>5. On command from the Range Officer (RO), the evaluator will load and ready their pistol;</li> <li>6. Assess the status of the pistol using the loaded chamber indicator;</li> <li>7. Holster their pistol;</li> <li>8. On command from the Range Officer (RO), the evaluator will have twenty (20) seconds to:             <ol style="list-style-type: none"> <li>a. Draw and fire their pistol until their magazine is empty using the RDS;</li> <li>b. Perform an open-action reload;</li> <li>c. Fire their pistol until their magazine is empty using the RDS;</li> </ol> </li> <li>9. Remove the magazine;</li> <li>10. Perform a physical and visual inspection of the firing chamber and magazine well;</li> <li>11. Holster their pistol; and</li> <li>12. Evaluate the accuracy of this stage.</li> </ol>
<b>Stage 3</b>	<p><b>Objective:</b> The evaluator will perform a stoppage clearance manipulation in a twenty (20) second timeframe. The eight (8) rounds fired at fifteen (15) meters will be self-assessed for grouping.</p> <p>This stage will be performed at fifteen (15) meters. Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Load one (1) magazine with ammunition in the following order:             <ol style="list-style-type: none"> <li>a. Load two (2) live rounds;</li> <li>b. Load one (1) inert round; and</li> <li>c. Load six (6) live rounds.</li> </ol> </li> <li>2. Step into their assigned shooting lane;</li> <li>3. Ensure the RDS is turned on as per manufacturer's instructions;</li> <li>4. On command from the Range Officer (RO), the evaluator will load and ready their pistol;</li> </ol>



	<ol style="list-style-type: none"> <li>5. Assess the status of the pistol using the loaded chamber indicator;</li> <li>6. Holster their pistol;</li> <li>7. On command from the Range Officer (RO), the evaluator will have two (2) minutes to: <ol style="list-style-type: none"> <li>a. Draw and pull the trigger five (5) times using the RDS from a standing position;</li> <li>b. When the evaluator experiences a stoppage (closed action), they will be required to clear the stoppage before completing the rest of the stage;</li> <li>c. Drop to a kneeling position;</li> <li>d. Pull the trigger four (4) times using the RDS;</li> </ol> </li> <li>8. Remove the magazine;</li> <li>9. Perform a physical and visual inspection of the firing chamber and magazine well;</li> <li>10. Holster their pistol; and</li> <li>11. Evaluate the accuracy of this stage.</li> </ol>
<b>Stage 4</b>	<p><b>Objective:</b> The evaluator will assess ability to use the iron sights, the RDS, and weapon light in low light conditions. The eight (8) rounds fired at ten (10) meters will be self-assessed for grouping.</p> <p>This stage will be performed at ten (10) meters in a low light condition. Each evaluator will carry out the following tasks:</p> <ol style="list-style-type: none"> <li>1. Load two (2) magazines to 4 rounds each;</li> <li>2. Step into their assigned shooting lane;</li> <li>3. Ensure the RDS is turned off as per manufacturer's instructions;</li> <li>4. Ensure the weapon light is turned off as per manufacturer's instructions;</li> <li>5. On command from the Range Officer (RO), the evaluator will load and ready their pistol;</li> <li>6. Assess the status of the pistol using the loaded chamber indicator;</li> <li>7. Holster their pistol;</li> <li>8. On command from the Range Officer (RO), the evaluator will have five (5) minutes to complete the following: <ol style="list-style-type: none"> <li>a. Draw and fire two (2) rounds with iron sights;</li> <li>b. Turn on the weapon light to constant on as per manufacturer's instructions;</li> <li>c. Fire two (2) rounds with iron sights and weapon light;</li> <li>d. Turn off the weapon light as per manufacturer's instructions;</li> <li>e. Turn on the RDS and adjust for ambient light conditions as per manufacturer's instructions;</li> <li>f. Perform an open-action reload;</li> <li>g. Fire two (2) rounds with RDS;</li> </ol> </li> </ol>

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	<ul style="list-style-type: none"><li>h. Turn on the weapon light to constant on as per manufacturer's instructions; and</li><li>i. Fire two (2) rounds with RDS and weapon light.</li></ul> <ul style="list-style-type: none"><li>9. Remove the magazine;</li><li>10. Perform a physical and visual inspection of the firing chamber and magazine well;</li><li>11. Holster their pistol; and</li><li>12. Evaluate the accuracy of this stage.</li></ul>
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LEAD

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1. ANNEX E: USABILITY EVALUATION GRIDS

Classroom Table Top Component:

Using the scale provided, please evaluate the pistol in each category:

Safety Check 1 - Overhand Grip					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
1	I was able to easily lock-back the slide of the pistol using an overhand grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	I was able to easily release the slide of the pistol using an overhand grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	I was able to easily cycle the action of the pistol using an overhand grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Safety Check 2 - Optic Housing:					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
4	I was able to easily lock-back the slide of the pistol using the optic housing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	I was able to easily release the slide of the pistol using the optic housing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	I was able to easily cycle the action of the pistol using the optic housing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Safety Check 3 - Slingshot:					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
7	I was able to easily lock-back the slide of the pistol using a slingshot grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	I was able to easily release the slide of the pistol using a slingshot grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	I was able to easily cycle the action of the pistol using a slingshot grip.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basic Manipulation 1 - Overhand Grip:					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
RCMP standard issue winter gloves					
10	I was able to easily lock-back the slide of the pistol using an overhand grip wearing RCMP standard issue winter gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	I was able to easily release the slide of the pistol using an overhand grip wearing RCMP standard issue winter gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	I was able to easily cycle the action of the pistol using an overhand grip wearing RCMP standard issue winter gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	I was able to release the magazine of the pistol wearing RCMP standard issue winter gloves without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	I was able to insert the magazine into the pistol wearing RCMP standard issue winter gloves without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RCMP standard issue slash gloves					

15	I was able to easily lock-back the slide of the pistol using an overhand grip wearing RCMP standard issue slash gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	I was able to easily release the slide of the pistol using an overhand grip wearing RCMP standard issue slash gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	I was able to easily cycle the action of the pistol using an overhand grip wearing RCMP standard issue slash gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	I was able to release the magazine of the pistol wearing RCMP standard issue slash gloves without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	I was able to insert the magazine into the pistol wearing RCMP standard issue slash gloves without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basic Manipulation 3 - Slingshot					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
20	I was able to release the magazine of the pistol without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	I was able to insert the magazine into the pistol without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	The texture on the non-slip grasping grooves facilitated my slingshot manipulation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basic Manipulation 4 - Holster					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
23	I was able to draw the pistol from the holster with ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	I was able to draw the pistol from the holster with ease using RCMP standard issue slash gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	I was able to draw the pistol from the holster with ease using RCMP standard issue winter gloves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	I was able to easily holster the pistol.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	I was able to perform a support hand draw without difficulty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	I found the holster comfortable to wear on my duty belt.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	I found the overall experience with the holster to be acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Field Strip and Assembly					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
30	I was able to field strip the pistol with relative ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	I was able to reassemble the pistol with relative ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

■ **Live Fire Component:**

Using the scale provided, please evaluate the pistol in each category:

Manipulation					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
Grip					
1	The texture on the pistol grip minimized the amount of movement (e.g., stippling, slippage) while shooting and handling the pistol.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	I found the grip ergonomics allowed me to access features with relative ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	I found the grip shape/style (e.g., straight back, curved) acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	I found the overall grip comfort desirable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	I found the overall assessment of grip acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pistol Controls					
6	I found the location of slide release easily accessible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	I found the location of magazine release(s) easily accessible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	I was able to easily operate the controls (e.g., ability to access without having to change grip).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	I found the overall assessment of controls acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Iron Sights					
10	I was able to <b>acquire</b> the front iron sight with ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	I was able to <b>reacquire</b> the front iron sight with ease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]



26	I found the overall assessment of the trigger acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	I found the overall assessment of the trigger guard acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Performance						
28	I experience an acceptable level of recoil.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	I was able to clear pistol stoppages with ease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	I found the overall performance of the pistol with fixed ancillaries (RDS and LED weapon light) acceptable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Perception of Accuracy					
#	Indicator	Completely Disagree	Disagree	Agree	Completely Agree
31	I found I was able to hit the target where I was aiming.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	I found I was able to shoot multiple rounds in a tight grouping.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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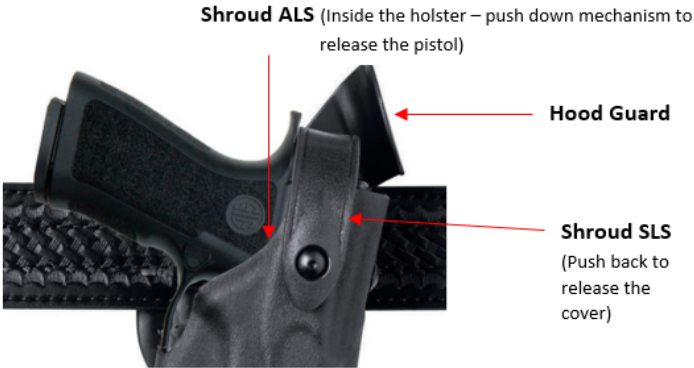
## ANNEX F: ACRONYMS AND DEFINITIONS

Acronyms and Definitions	
<b>Ancillary Items</b>	The RDS and LED weapon light.
<b>Barrel Muzzle</b>	The front end of a barrel from which the projectile will exit.
<b>Battery</b>	The state of the pistol when the slide is fully forward.
<b>Beavertail</b>	A wide flat extension on the rear of the frame of a semi-auto handgun designed to prevent the web of the hand from getting caught in the slide during recoil.
<b>Breech Face</b>	That part of the action which is against the head of the cartridge case or shotshell when in battery.
<b>Bright Light Condition</b>	Emitting or reflecting a high degree of light. ie. Outdoors in full sunlight
<b>Class 1 Event</b>	A class 1 event comprises the following failures: To Lock Back Slide On Last Round, and Magazine Fail To Drop Upon Release.
<b>Class 2 Event</b>	A class 2 event comprises of the following stoppages: Fail To Feed, Fail To Go Into Battery, and Fail To Eject/Stove Pipe
<b>Class 3 Event</b>	A class 3 event comprises of the following stoppages: Fail To Fire/Light Strike Mechanical, and Fail To Extract/Double Feed
<b>Class 4 Event</b>	A class 4 event is defined as: <ol style="list-style-type: none"><li>1. A pistol stoppage that is not correctable by the evaluator because it requires a higher level of maintenance;</li><li>2. A pistol stoppage that requires the use of tools and parts to repair;</li><li>3. A pistol stoppage that renders a pistol inoperable; and</li><li>4. An unintentional discharge of the pistol not related to faulty ammunition or human error.</li></ol>
<b>Coarser</b>	Having more of a rough or loose in texture or grain quality
<b>Configured Pistol</b>	The pistol with the RDS and LED weapon light mounted.
<b>Corrosion Resistant Properties</b>	That ability to protect the substrate from corrosion or prevent environmental deterioration by chemical or electro-chemical reaction.
<b>Critical Failure</b>	A compromise of the slide, frame, or barrel during the course of testing.
<b>Direct Mount</b>	Mounting or attaching a RDS directly onto the pistol slide that has been pre-cut for the RDS without using any adaptor plates.
<b>DLC</b>	Diamond-Like Carbon (DLC)

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Acronyms and Definitions	
<b>Duty Ammunition</b>	Winchester SXT 147 grain
<b>Factory Service Designation</b>	A facility recognized and endorsed by the manufacturer to provide maintenance and repair services to the manufacturer's product in accordance with the manufacturer's specifications.
<b>Field of View</b>	The size of the area that can be seen while looking through an optic.
<b>Grip Module</b>	The grip module is the frame of the pistol. The grip module fully encloses the fire control unit and it hosts the slide, barrel, and magazine.
<b>Hood Guard (Holster)</b>	The guard that covers the pistol while inserted in the holster that prevents a person from applying force to the holster locking mechanisms
<b>IPX7</b>	A waterproof test based on standards set out by the International Organization for Standardization (ISO).
<b>KPI</b>	Key Performance Indicator (KPI) measures the Contractor's performance in key areas that may contribute to the Contractor's ability to meet a business outcome. KPIs may be used to indicate trends that if not rectified, may cause the failure of a Critical SLR.
<b>LED Lumens</b>	Measure of the total amount of visible light from an LED.
<b>Light Constant</b>	The light is turned on and remains on when the switch is quickly depressed and released (clicking the button) and turns off in the same fashion if the light is on.
<b>Light Momentary</b>	The light is only turned on when the button is depressed and immediately turns off as soon as the button is released.
<b>Locking Mechanisms (Holster)</b>	There are typically two safety mechanism of the holster: <ol style="list-style-type: none"> <li>1. Primary Locking Mechanism - enabled when the pistol is inserted in the holster (ALS - automatic locking mechanism); and</li> <li>2. Secondary Locking Mechanism - enabled by the user to cover/uncover the pistol (forward / backward movement) (SLS - self locking mechanism)</li> </ol>


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Acronyms and Definitions	
	 <p><b>Shroud ALS</b> (Inside the holster – push down mechanism to release the pistol)</p> <p><b>Hood Guard</b></p> <p><b>Shroud SLS</b> (Push back to release the cover)</p>
<b>Lockout Feature (LED weapon light)</b>	A feature or a way to lock the tactical light in the OFF position while rendering it not being able to be turned on unintentionally.
<b>Maintenance Kits</b>	The manufacturer recommended parts to be replaced at 5000 round intervals.
<b>Mechanical Failure</b>	<p>Any failure of any part other than slide, frame, and barrel before 5 000 rounds fired.</p> <p>Fail To Fire/Light Strike Mechanical - Discharge after the trigger has been pulled. It can be one of two types: 1) a complete misfire, or 2) a delayed fire.</p> <p>Fail To Extract/Double Feed - Fired cartridge is still in the chamber of the pistol and a secondary live round is chambered.</p> <p>Fail To Go Into Battery - Failure where the breech of the action is not in proper position for firing.</p> <p>Fail To Eject/Stove Pipe - Failure to expel a cartridge or fired case from a firearm.</p> <p>Fail To Feed - Any malfunction during the feed cycle of a repeating firearm resulting in the failure of a cartridge or shell to enter the chamber completely</p> <p>Fail To Lock Back Slide On Last Round - Failure for the slide stop to engage with the slide.</p> <p>Magazine Fail To Drop Upon Release - Magazine release depressed and magazine remains in frame/ grip module.</p>

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Acronyms and Definitions	
<b>Mechanically Locked</b>	The action of the barrel locking to the slide when the pistol goes into battery.
<b>Minute of Angle</b>	A unit of measurement equivalent to 1/60th of a degree (1.047" at 100 yds).
<b>MOA</b>	Minute of Angle (MOA)
<b>MOLLE</b>	Modular Lightweight Load-carrying Equipment
<b>Overhand Grip</b>	Your support hand comes over top of the pistol slide, hand completely behind the ejection port, four fingers on one side of the slide, the base of the thumb on the other with the thumb pointing straight back toward your shoulder.
<b>Parallax</b>	A noticeable shift in reticle placement while looking through your scope at different angles.
<b>Pistol Frame</b>	The component which houses the trigger assembly and magazine. Traditionally this is the lower half of the pistol. However, with modular pistols which utilize a fire control module, the pistol frame will be referred to as the housing which houses the fire control module.
<b>Pistol Package</b>	The bundling of the pistol and ancillaries into one package for delivery which includes the service pistol and 3 magazines, Red Dot Sight (RDS), LED weapon light, general duty holster, carrying case and training pistol.
<b>Point of Aim</b>	The exact point in which the shooter aligns the firearm's sights (Sporting Arms and Ammunition Manufacturers' Institute (SAAMI) Glossary)
<b>Point of Impact</b>	The point at which the bullet hits a target (SAAMI Glossary)
<b>Precision Measuring Instrument</b>	The following devices will be used to conduct measurement verifications: <ol style="list-style-type: none"> <li>1. Mitutoyo MiSTAR 555 coordinate measuring machine; and</li> <li>2. Hexagon Absolute Arm 83</li> </ol>
<b>RCMP Approved Locks (Carrying Case)</b>	ABUS Lock, Laminated Steel 41, Size 30, 1¼ inch shaft (photo available).
<b>RCMP Issue Marking Cartridges</b>	Simunition™ FX Marking Cartridges
<b>RCMP-UEP SP-2 2022</b>	Standard Practice (SP) for Evaluation of Pistol Holster Retention Mechanisms
<b>RCMP-UEP SP-3 2022</b>	Standard Practice (SP) for Evaluation of Pistol Holster Belt Slide Attachments

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Acronyms and Definitions	
<b>RDS</b>	Red Dot Sight (RDS)
<b>Recoil Operated</b>	The use of recoil energy to cycle the action, as opposed to gas operation or blowback operation using the pressure of the propellant gas.
<b>Remote Tethered Switch (LED weapon light)</b>	A remote on/off switch connected to the original switch via a cord/ wire.
<b>Semi-automatic</b>	The design of a pistol where upon firing, the pistol cycles the action and loads an unfired round of ammunition into the chamber but requires manual actuation of the trigger to discharge.
<b>Shooting Position, Two Handed Pistol Grip</b>	<p>Standing in an erect position looking straight ahead with a two handed grip on the pistol, both arms fully extended with the pistol brought to eye-level.</p> 
<b>Shroud</b>	A shroud envelops, obscures, or conceals from view.
<b>Slide</b>	The top part of the pistol which contains the barrel, firing pin/striker and optic devices.
<b>Slide Stop</b>	A device which locks the slide to the rear after the last round of ammunition has been discharged.
<b>Slingshot Grip</b>	With the pistol in your workspace and rotated to allow your support hand to grasp the rearward area of the slide, firmly grasp the rear of the slide with your support hand thumb and index finger.
<b>SLRS</b>	Service Level Requirements Services (SLRS) are service that are agreed upon by the Contractor to meet the expected outcomes
<b>Spare Parts</b>	Duplicate parts to replace lost or damaged parts of a firearm.
<b>Stoppage</b>	A stoppage is an event during the weapon cycling process that prevents the weapon from being fired. For the purposes of this evaluation, only stoppages as a result of the weapon platform are considered;

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Acronyms and Definitions	
	ammunition-related stoppages are not included in this definition.
<b>Striker Fired</b>	The use of a spring-loaded striker which directly hits the cartridge primer and fires the gun instead of relying on a hammer hitting the firing pin.
<b>Support Hand</b>	For a right handedness person the right hand is the “dominant” or “strong” hand and the left hand is the “support” or “weak” hand. For a left-handedness person, the left hand is “dominant” and the right is the “support” hand.
<b>Train-the-trainer</b>	Refers to an approach to training whereby a group of candidate trainers are provided courseware and an instruction session on how to deliver the courseware to a specific audience.
<b>Warranty Depot</b>	A facility authorized by the manufacturer to perform warranty part replacement, and able to bill the manufacturer for the warranty services.
<b>Windage</b>	The adjustment of sights to adjust the point of impact left & right.