

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des soumissions -
TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Weapons Systems Division/Division des systèmes
d'arme
11 Laurier St. / 11, rue Laurier
8C2, Place du Portage
Gatineau
Québec
K1A 0S5

Title - Sujet Pistole System Pistole System	
Solicitation No. - N° de l'invitation M7594-224467/F	Amendment No. - N° modif. 019
Client Reference No. - N° de référence du client M7594-224467	Date 2024-05-09
GETS Reference No. - N° de référence de SEAG PW-\$\$BM-039-29244	
File No. - N° de dossier 039bm.M7594-224467	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2024-05-31 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Grosser, Keith	Buyer Id - Id de l'acheteur 039bm
Telephone No. - N° de téléphone (873) 355-2334 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein
Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

RFP Amendment 019 is raised for the following:

- 1. To answer questions from Potential Bidders during the RFP stage.**
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Question 250.

Reference amendment 013, answer 173. Would the government consider amending MT 4.6 to "The LED weapon light must have ambidextrous switch". The high low feature is unique to one manufacture.

Answer 250.

Canada amended Annex C, D and E MT 4.6 to the following: "The LED weapon light must have an ambidextrous switch". The 'high-low' criteria has been moved to a rated criteria with thirty (30) points allocated for having it, and zero (0) points without.

Canada has amended the closing date from May 17 to May 31, 2024 at 14:00 EDT to allow vendors the time to review and consider these changes.

Question 251.

In Amendment 013 – MT 2.11.4 stated for the rear sight "a notch width between 3.683 mm (0.145 inch) and 4.57 mm (0.180 inch)".

In Amendment 014 – MT 2.11.4 stated for the rear sight "a notch width between 4.57 mm (0.180 inch) and 5.46 mm (0.215 inch)" on March 26, 2024.

The latest Amendment 017 – MT 2.11.4 stated for a rear sight "A notch width between 3.63 mm (0.145 inch) and 4.57 mm (0.180 inch) on April 18, 2024.

It has been stated by Canada no revisions for this requirement will be considered by Canada.

Our manufacturer designed and implemented tooling and documentation to achieve the notch specs as stated in Amendment 014 as this was considered the required specifications for Canada. As Canada did not revise the specifications until April 18th leaving less than 30 days to submission due date, we feel this is penalizing industry for an error committed by Canada. We therefore request the notch width be revised to permit industry full cooperation to meet the requirement and timelines for submission due date.

We propose a revised requirement of 3.683 mm to 4.900 mm. This will still achieve the requirement and will allow those manufacturers that prepared for – and can meet – the requirement as stated in Amendment 014 to compete without undue hardship

Answer 251.

Canada has reviewed MT 2.11.4 and has amended MT 2.11.4 (c) to read "a notch width between 3.683 mm (0.145) inch and 4.953 mm (0.195 inch)." Canada has amended Annex C, D, and E.

Question 252.

Is RCMP aware that most pistol manufacturers who also produce training pistol incorporate some components that are either black or grey ? Examples include :

Answer 252.

Canada is aware that pistol manufacturers who also produce training pistols incorporate some components that are either black or grey within their promotional material.

Question 253.

Is the RCMP willing to accept a pistol OEMs "blue" training pistol where the slide is easily identifiable as blue but with some black / grey elements. Additionally, these manufacturers while frame / grip module is completely blue making them easily identifiable as training pistols both when holsters or drawn.

Answer 253.

Yes, Canada is willing to accept some black/grey elements as per Q262 (spreadsheet) and below:
Amendment 18 Answer 235 "Canada confirms the textured portion of the grip must be blue, or at minimum, the backstrap on the training pistol grip if removable. The magazine butt plate must also be blue in color.

To specify, If the grip module does not offer a removable backstrap, then the textured portion of the grip module must be blue."

Amendment 15 Answer 188 "Canada confirms the trigger, mag release and take down lever being black in color. Canada confirms the textured portion of the grip must be blue. Canada has amended Annex C, D, and E MT 2.12.1 to the following "At minimum, the slide, backstrap on the training pistol grip and magazine butt plate must be blue in color."

Question 254.

Reference Amendment 018 Answer 231.

Answer 231.

The inherent variation in semi-automatic pistol function and operation would make it impossible for Canada to identify any singular, or multiple factors, that contributed to any given pistol that hypothetically produced an average grouping size that exceeded the permissible limit. The permissible limits for both MT 2.2.2.1 and MT 2.11.2 were established to take into consideration the inherent variation potential of semi-automatic pistols during accuracy evaluation including the limitations of mass produced pistol ammunition, and are considered readily achievable by modern law enforcement pistols.

Questions: Canada agrees that multiple factors can contribute to an average grouping size exceed the permissible limit. As such, a human factor of trigger control could realistically contribute to the elimination of a bidder from the competition.

1. As there are devices available in industry that remove this human factor, why has Canada chosen not to use one of these devices for the accuracy testing of the pistol?
2. Will Canada change the accuracy testing procedure to remove the human factor?

Answer 254.

1. Canada is satisfied that the accuracy testing procedures as detailed in Appendix "E" will achieve the intended outcome of validating the accuracy of the bid submissions in a fair and transparent manner.
2. Canada will proceed with accuracy testing as detailed in Appendix "E".

Question 255.

If not then it suggests that the RCMP is looking for the Simunition branded conversion kit. Is the RCMP aware that the Simunition conversion kits are also not entirely blue with a number of black accents including nearly half the left side of the slide.

Answer 255.

Canada is not seeking a Simmunition branded simmunition kit. Canada is seeking a complete standalone training pistol.

Question 256.

Additionally the Canadian Free Trade Agreement require that specifications be performance driven. What would be the performance requirement of the customer for the slide to be entirely blue if there are sufficient blue elements to readily identify the pistol as being a training pistol.

Answer 256.

Canada confirms this is an officer safety requirement. Our instructors have to be able to clearly and quickly identify the pistol as a training pistol either holstered or un-holstered when working in a training environment. Any delay could result in the serious injury or death of an individual(s).

Question 257.

Finally if the RCMP does intend to procure a Simunition branded conversion kit and not an complete OEM training pistol .can the RCMP please advise bidders.

Answer 257.

Canada is not seeking a Simmunition branded simmunition kit. Canada is seeking a complete standalone training pistol.

Question 258.

As per amendment 18, Q&A 236 states that the case must have a comprehensive warranty for a period of 10 years. How will this or warranty any submitted pistols or ancillary items be verified when it is not a listed mandatory technical criteria? Would the RCMP consider adding warranty criteria to the mandatory technical criteria and consider requiring warranty statements from the pistol and ancillary item OEMs.

Answer 258.

Canada confirms all items in the SOW are contractual obligations. Canada will not be adding the warranty criteria to the mandatory technical criteria. For reference and clarity please see section 2.2.4 Warranty and Returns in Annex B SOW.

ALL OTHER TERMS AND CONDITONS REMAIN UNCHANGED.

ANNEX C 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
1.0 Bundle Specifications	
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.
1.4	The pistol with fixed ancillaries (RDS and LED weapon light), must fit in the plain clothes holster.
2.0 Service Pistol Specifications	
2.1.1	<p>The pistol must be capable of firing 20,000 rounds without:</p> <ul style="list-style-type: none">a. Needing to change the barrel, frame and slide;b. Incurring a class 4 event;c. Incurring more than 100 pts based on class 1, 2, and 3 events as per evaluation outlined in [RT 2.1.1]; andd. 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 191.5 mm (7.54 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 148 mm (5.83 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 36.1 mm (1.42 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 108.25 mm (4.26 inches).
2.1.7	The pistol must not weigh more than a maximum of 822.14 grams (29 oz) when the magazine is empty, and no accessories are attached.
2.2 Ammunition Requirements	
2.2.1	The pistol must be capable of firing 9mm Luger +P ammunition.
2.2.2	The pistol must be capable of shooting a 15.25 cm (6 inches) grouping from 25 m (27.34 yards) away.
2.3 Pistol Lock Mechanism	
2.3.1	The pistol must be a mechanically locked, recoil-operated, striker-fired semi-automatic pistol.
2.3.2	The recoil spring guide must be manufactured of solid metal or polymer.
2.4 Pistol Finish	
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.

Capability #	Description
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).
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.
2.4.4	The pistol's frame (grip module) must be manufactured of polymer.
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.
2.5 Ergonomic Requirements	
2.5.1	The pistol's grip must accommodate a minimum of three distinct grip sizes (small, medium, and large).
2.5.2	When affixed, the grip options must not come loose or fall off.
2.5.3	The pistol's grip must not have finger grooves.
2.5.4	The pistol's grip frame housing and back strap must be textured.
2.5.5	The underside of the trigger guard and the underside of the beavertail must not be textured.

Capability #	Description
2.5.6	The pistol's front and rear sides (left and right) of the slide must have non-slip grasping grooves.
2.5.7	The pistol must have (an) ambidextrous slide catch lever(s) that enables a user to activate it using either hand.
2.5.8	Each pistol must be provided with one additional base plate that has an attachment point for a ceremonial lanyard loop or meet the following specification: 1. Meet the current requirement 2. Deliver their pistol with standard attachment point subject to it being able to accept the current RCMP issued lanyard clip. 3. Provide a lanyard clip that fits the pistol's current attachment point, subject that the clip will accommodate the current RCMP issued lanyard.
2.5.9	A minimum of three (3) of the four (4) sides/edges at the entrance of the magazine well must be beveled or flared and be integrated into the pistol's frame (grip module) in order to aid in the insertion of a magazine.
2.6 Magazine Release	
2.6.1	The pistol's magazine release must be configurable for either a right- or left-handed user.
2.6.2	The pistol 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.
2.7 Trigger	

Capability #	Description
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.
2.7.3	The pistol's striker fired mechanism must have a minimum firing pin indent of 0.28 mm (0.011 inch).
2.8 Magazines	
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 seventeen (17) rounds.
2.8.3	The pistol magazine must be manufactured out of stainless steel, plastic, or steel with a durable corrosion resistant finish such as diamond-like carbon coating (DLC). Any alternate finishes not specified must be approved by the technical authority prior to bid closing
2.8.4	The pistol's magazine must have witness holes starting at maximum cartridge number four (4) that either align with each cartridge or align with cartridges 6, 8, 10, 12, 14 and 17.
2.8.5	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54 mm (0.10 inch) up to a maximum of 8.35 mm (0.329 inch) from the front of the pistol's grip.

Capability #	Description
	<p>Figure 1</p>
2.8.6	<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> <ul style="list-style-type: none"> 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.
2.9 Rail System	
2.9	The pistol must have a Picatinny MIL-STD-1913 compatible rail system that is integrated into the pistol's frame dust cover.
2.10 Safety Features	
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.

Capability #	Description
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.
2.11 Iron Sights	
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 photo luminescent outline must be visible at all times ie. during daylight and in the dark.
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 inches) radius at 25 m (27.34 yards).
2.11.3	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).
2.11.4	<p>The pistol's rear sight must have each of the following:</p> <ul style="list-style-type: none"> 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 3.683 mm (0.145 inch) and 4.953 mm (0.195 inch).

Capability #	Description
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.
2.11.6	The pistol's rear sight must be black.
2.11.7	The pistol's rear sight tritium vials must be green surrounded with a black outline. The small metal tube ring that secures the tritium dot can be of a metallic color.
2.11.8	The pistol's front and rear sights must be replaceable.
2.11.9	The pistol's rear sight must enable a user to adjust it for windage.
2.11.10	The pistol's rear iron sight dovetail must be milled to the pistol's slide.
2.11.11	The pistol's sights must have a fixed elevation.
2.12 Training Pistol Specifications	
2.12.1	At minimum, the slide, backstrap on the training pistol grip and magazine butt plate must be blue in color.
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 must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface.

Capability #	Description
2.12.4	The training pistol must be capable of firing RCMP marking cartridges with the submitted weapon light and RDS attached.
2.12.5	The training pistol must be able to work with the offered General Duty Pistol and the offered Plain Clothes Pistol Holster.
2.12.6	The training pistol RDS must meet the same specifications as the Service Pistol RDS with the exception of MT 3.1 "The red dot sight (RDS) must be configured to direct mount to the pistol slide." For the Training Pistol only, MT 2.12.3 states: "The training pistol must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface."
2.13 Pistol Slide Specifications	
2.13.1	The duty pistol 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.
3.0 Red Dot Sight (RDS) Specifications	
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 mounting screw(s) must be made of steel.

Capability #	Description
3.5	The RDS must function and maintain zero (0) within a temperature range of -40°C to +48°C for a minimum of 4 hours.
3.6	The RDS housing must be made of hard anodized aluminum alloy with a non-reflective, matte black finish. Any alternate material not specified must be approved by the technical authority prior to bid closing.
3.7	Including the battery, the RDS must weigh no more than 62 g (2.19 oz.).
3.8	The RDS magnification must be 1X.
3.9	The RDS must be parallax free within 25m (27.3 yds).
3.10	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 1.5 Minute of Angle (MOA) per click.
3.11	The RDS must have a minimum clear aperture of 15 mm (.59 inch) in both width and height.
3.12	The RDS exterior dimensions must be less than or equal to 55.88 mm (2.2 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.
3.13	The RDS dot intensity switch must be positioned to adjust by the support hand.

Capability #	Description
3.14	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 MT 1.1.
3.15	The RDS must have a minimum of 8 dot intensity settings.
3.16	The RDS dot must be red and must be 3.5 (MOA) \pm .5 MOA in size.
3.17	The RDS optic lenses must have a coating that does not create a glare or reflection for the user.
3.18	When viewed from the rear of the optic, the RDS field of view must be clear and true to colour.
3.19	The RDS must use a coin cell Lithium battery with a minimum battery life of two (2) years when operating at the middle dot intensity setting (room temperature, constant on).
3.20	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).
3.21	The user must be able to change the RDS battery without having to remove the RDS from the pistol slide.
3.22	The RDS must be waterproof to a rating of IPX7.

Capability #	Description
3.23	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.
3.24	The RDS must have one or more dot intensity settings for night vision.
4.0 LED Weapon Light Specification	
4.1	The LED weapon light must mount on a Picatinny MIL-STD-1913 pistol rail.
4.2 LED Weapon Light Dimensions	
4.2.1	The LED weapon light must have a maximum height of 33.81 mm (1.33 inches).
4.2.2	The LED weapon light must have a maximum width of 31.29 mm (1.26 inches).
4.2.3	The LED weapon light must have a maximum length of 68.77 mm (2.70 inches).
4.2.4	Including battery, the weapon light must have a maximum weight of 71.5 g (2.52 oz).
4.3	The LED weapon light must not protrude beyond the muzzle of the pistol.

Capability #	Description
4.4	The LED weapon light must have ambidextrous, rear activated operating and switching controls.
4.5	The LED weapon light's operating and switching controls must include each of the following settings: a) momentary on; and b) constant on.
4.6	The LED weapon light must have ambidextrous switch configurations.
4.7	The LED weapon light must include a lockout feature that will prevent the LED weapon light from being accidentally activated.
4.8	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.
4.9	When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm 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.
4.10	When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm, the LED weapon light glass must not break, become dislodged, or fall out.
4.11	The LED weapon light lens must be made of heat resistant glass.
4.12	The LED weapon light lens must be scratch resistant.

Capability #	Description
4.13	The LED weapon light must use a lithium 3 Volt CR123A battery.
4.14	The LED weapon light must have a hard anodized aluminum body.
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 user must be able to replace the LED weapon light battery without having to remove the LED weapon light from the pistol.
5.0 Carrying Case	
5.1	The carrying case must have maximum external dimensions of 38.1 cm (15 inches) in width, 30.5 cm (12 inches) in height, and 15.24 cm (6 inches) in depth 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 7 mm (0.276 inch) and a maximum diameter of 9 mm (0.354 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 weapon light installed, grip components and three magazines by a minimum of 1.91 cm (0.75 inch) on all sides. The ASTM D3575 (L: Water Absorption) test standard is acceptable and will meet the RCMP requirement.

Capability #	Description
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.
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	<p>The carrying case must not be embossed with any name, logo* nor any markings which could indicate the content as a firearm.</p> <p>*Canada will accept the logo of the carrying case manufacturer on the carrying case but no markings that would indicate the contents of the carrying case being a firearm in any way</p>
5.10	The carrying case must be coloured black or in grey tones.
6.0 Pistol Holster - General Duty	
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 pistol must remain in the holster and the holster must not sustain any damage when evaluated in accordance with RCMP-UEP SP 2-2022 Standard Practice for Evaluation of Pistol Holster Retention Mechanism(s).

Capability #	Description
6.4	<p>The holster must have two (2) mechanical locking devices to keep the pistol in the holster, including:</p> <ul style="list-style-type: none"> 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.
6.7	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.
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.
6.9	The holster must have a locking mechanism that can be serviced by a user (i.e. cleaning and adjustments).
6.10	When the holster's retention features are deactivated, the holster must enable a user to draw the pistol parallel to the body.
6.11	The holster must be made of a durable, polymer material with a non-reflective, matte black surface finish.

Capability #	Description
6.12	The holster must protect the magazine release from inadvertently releasing the magazine while in the holster.
6.13	The holster must shroud the RDS and rear sight from view when in a locked and holstered position.
6.14	The holster's locking mechanism must feature a shroud to prevent an inadvertent release of the locking mechanism.
6.15	<p>The holster must mount to an in-service duty belt that ranges from 5.0 cm (1.97 inch) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness limiting unnecessary movement.</p> <p>It is acceptable if the holster is capable of being mounted to a MOLLE duty belt with a different back plate. The back plate must be included in each Pistol Package</p>
6.16	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
6.17	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).
6.18	The holster must not migrate while in use on the in-service duty belt.
6.19	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).
6.20	The bottom of the holster must have (a) drain hole(s) or be open.

Capability #	Description
6.21	The holster must not scratch the surface finish of the pistol.
6.22	The RDS holster shroud must not impede holstering of the configured pistol.
6.23	The holster must mount to an MOLLE duty belt. It is acceptable if the holster is capable of being mounted to a MOLLE duty belt with a different back plate. The back plate must be included in each Pistol Package
7.0 Pistol Holster - Plain Clothes	
7.1	The holster must be available in a left- and right-handed configuration.
7.2	The holster must be able to secure the configured pistol with RDS and LED weapon light installed.
7.3	The pistol must remain in the holster and the holster must not sustain any damage when evaluated in accordance with RCMP-UEP SP 2-2022 Standard Practice for Evaluation of Pistol Holster Retention Mechanism(s).
7.4	The holster must have one (1) mechanical automatic locking device to keep the pistol in the holster.
7.5	The holster's automatic locking device must offer retention in all directions for both left- and right-handed holsters.
7.6	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.
7.7	The holster's retention/locking release mechanism must be positioned on the top forward portion of the holster to enable a user to draw the pistol with their dominant or non-dominant hand.

Capability #	Description
7.8	The holster must have a locking mechanism that can be serviced by a user (i.e. cleaning and adjustments).
7.9	When the holster's retention features are deactivated, the holster must enable a user to draw the pistol parallel to the body.
7.10	The holster must be made of a durable polymer material with a non-reflective, matte black surface finish.
7.11	The holster must protect the magazine release from inadvertently releasing the magazine while in the holster.
7.12	The holster must prevent unnecessary movement in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments).
7.13	The holster must mount to a belt that ranges from 3.66 cm (1.44 inches) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness, limiting unnecessary movement.
7.14	The holster must remain attached to the wearers belt (G.S. 1045-122 Belt, Waist, Leather, Black dated 2018-08-29) when force is applied in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
7.15	The holster must not migrate while in use on the user's belt.
7.16	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).
7.17	The bottom of the holster must have (a) drain hole(s) or be open.
7.18	The holster must not scratch the surface finish of the pistol.

ANNEX D: 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.

Only bids that meet the mandatory technical criteria will be subject to point rating technical criteria. Bidders must meet the mandatory technical evaluation criteria in order to be found technically compliant otherwise they will be considered non-compliant and their bid will not be given further consideration. Bidders who do not meet one or more rated technical criteria will not achieve the corresponding points, but will not be eliminated from the process as a result.

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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents		

		Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 1.4	The pistol with fixed ancillaries (RDS and LED weapon light) must fit in the plain clothes holster.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
Service Pistol Specifications				
MT 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 100 pts based on class 1, 2, and 3 events	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets		

	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.	Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.1.3	The pistol must have a maximum length of 191.5 mm (7.54 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.1.4	The pistol must have a maximum overall height of 148 mm (5.83 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		

MT 2.1.5	The pistol must have a maximum overall width of 36.1 mm (1.42 inches) measured from slide catch lever to slide catch lever.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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 inches) and a maximum length of 108.25 mm (4.26 inches).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.1.7	The pistol must not weigh more than a maximum of 822.14 grams (29 oz) when the magazine is empty and no accessories are attached.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.2.1	The pistol must be capable of firing 9mm Luger +P ammunition.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:		

			<p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.2.2	<p>The pistol must be capable of shooting a 15.25 cm (6 inch) grouping from 25 m (27.34 yards) away.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.3.1	<p>The pistol must be a mechanically-locked, recoil-operated, striker-fired semi automatic pistol.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.3.2	<p>The recoil spring guide must be manufactured of solid metal or polymer.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos</p>			

		User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 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).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.5.1	The pistol's grip must accommodate a minimum of three distinct grip sizes (small, medium, and large).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.5.2	When affixed, the grip options must not come loose or fall off.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.5.3	The pistol's grip must not have finger grooves.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.5.4	The pistol's grip frame housing and back strap must be textured.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.5.5	The underside of the trigger guard and the underside of the beavertail must not be textured.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 2.5.6	The pistol's front and rear sides (left and right) of the slide must have non-slip grasping grooves.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.5.7	The pistol must have (an) ambidextrous slide catch lever(s) that enables a user to activate it using either hand.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.5.8	<p>Each pistol must be provided with one additional base plate that has an attachment point for a ceremonial lanyard loop or meet the following specification:</p> <ol style="list-style-type: none"> 1. Meet the current requirement 2. Deliver their pistol with standard attachment point subject to it being able to accept the current RCMP issued lanyard clip. 3. Provide a lanyard clip that fits the pistol's current attachment point, subject that the clip will accommodate the current RCMP issued lanyard. 	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 2.5.9	A minimum of three (3) of the four (4) sides/edges at the entrance of the magazine well must be beveled or flared and be integrated into the pistol's frame (grip module) in order to aid in the insertion of a magazine.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.6.1	The pistol's magazine release must be configurable for either a right or left handed user.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.6.2	The pistol 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 bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.6.3	The pistol's magazine release must prevent the magazine from being released while firing or handling the pistol.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.7.1	<p>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>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.7.2	<p>The pistol's trigger pull must positively reset when a user releases the trigger following a firing cycle.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.7.3	<p>The pistol's striker fired mechanism must have a minimum firing pin indent of 0.28 mm (0.011 inches)</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 2.8.1	Each pistol must be supplied with three (3) magazines.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.8.2	The pistol's magazine must have a minimum capacity of seventeen (17) rounds.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.8.3	The pistol magazine must be manufactured out of stainless steel, plastic, or steel with a durable corrosion resistant finish such as diamond-like carbon coating (DLC). Any alternate finishes not specified must be approved by the technical authority prior to bid closing.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 2.8.4	The pistol's magazine must have witness holes starting at maximum cartridge number four (4) that either align with each cartridge or align with cartridges 6, 8, 10, 12, 14 and 17.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.8.5	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54 mm (0.10 inch) up to a maximum of 8.35 mm (0.329 inch) from the front of the pistol's grip.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 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) 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.10.1	<p>The pistol must have no external manual safety levers, grip safeties, and push-button safeties.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.10.2	<p>The pistol must enable a user to discharge a cartridge with the pistol's magazine removed.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 2.10.3	<p>The pistol must have an internal firing pin safety.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		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).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

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 photo luminescent outline must be visible at all times ie. during daylight and in the dark.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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 to point of aim within a 5.08 cm (2 inches) radius at 25 m (27.34 yards).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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 3.05 mm (0.120 inch) and 3.68 mm (0.145 inch).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents		

	c) A notch width between 3.683 mm (0.145 inch) and 4.953 mm (0.195 inch).	Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 2.11.7	The pistol's rear sight tritium vials must be green surrounded with a black outline. The small metal tube ring that secures the tritium dot can be of a metallic color.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals		

		Test results from an accredited independent third-party testing facility		
MT 2.11.8	The pistol's front and rear sights must be replaceable.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.11.9	The pistol's rear sight must enable a user to adjust it for windage.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.11.10	The pistol's rear iron sight dovetail must be milled to the pistol's slide.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 2.11.11	The pistol's sights must have a fixed elevation.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.12.1	At minimum, the slide, backstrap on the training pistol grip and magazine butt plate must be blue in color.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.12.3	The training pistol must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
2.12.4	<p>The training pistol must be capable of firing RCMP marking cartridges with the submitted weapon light and RDS attached</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
2.12.5	<p>The training pistol must be able to work with the offered General Duty Pistol and the offered Plain Clothes Pistol Holster.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
2.12.6	<p>The training pistol RDS must meet the same specifications as the Service Pistol RDS with the exception of MT3.1 "The red dot sight (RDS) must be configured to direct mount to the pistol slide." For the Training Pistol only, MT 2.12.3 states: "The training pistol must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface."</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 2.13.1	The duty pistol slide must be manufactured of steel.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 2.13.2	The slide must have a durable finish that is resistant to rust and salt water corrosion.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
Red Dot Sight (RDS)				
MT 3.1	The red dot sight (RDS) must be configured to direct mount to the pistol slide.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.4	The RDS mounting screw(s) must be made of steel.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.5	The RDS must function and maintain 0 within a temperature range of -40°C to +48°C for a minimum of 4 hours.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.6	<p>The RDS housing must be manufactured of hard anodized aluminum with a non-reflective , matte black finish, or comparable material such as titanium. Any alternate material not specified must be approved by the technical authority prior to bid closing.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 3.7	<p>Including the battery, the RDS must weigh no more than 62 g (2.19 oz.)</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 3.8	<p>The RDS magnification must be 1X.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 3.9	The RDS must be parallax free within 25 m (27.3 yds).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.10	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 1.5 Minute of Angle (MOA) per click.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.11	The RDS must have a minimum clear aperture of 15 mm (0.59 inch) in both width and height.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 3.12	The RDS exterior dimensions must be less than or equal to 55.88 mm (2.2 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 3.13	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 3.14	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 MT 1.1.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 3.15	The RDS must have a minimum of 8 dot intensity settings.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.16	<p>The RDS dot must be red and must be 3.5 ± .5 MOA in size.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 3.17	<p>The RDS optic lenses must have a coating that does not create a glare or reflection for the user.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 3.18	<p>When viewed from the rear of the optic, the RDS field of view must be clear and true to colour.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 3.19	The RDS must use a coin cell Lithium battery with a minimum battery life of two (2) years when operating at the middle dot intensity setting (room temperature, constant on).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.20	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).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 3.21	The user must be able to change the RDS battery without having to remove the RDS from the pistol slide.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 3.22	The RDS must be waterproof to a rating of IPX7.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 3.23	When affixed to the pistol with a loaded magazine and after being dropped from 121.9cm, 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 3.24	The RDS must have one or more dot intensity settings for night vision.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
LED Weapon Light				
MT 4.1	The LED 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. Such as but not limited to:		

			<p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.2.1	<p>The LED weapon light must have a maximum height of 33.81 mm (1.33 inches).</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 4.2.2	<p>The LED weapon light must have a maximum width of 31.29 mm (1.26 inches).</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 4.2.3	<p>The LED weapon light must have a maximum length of 68.77 mm (2.70 inches).</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos</p>			

		User manuals Test results from an accredited independent third-party testing facility		
MT 4.2.4	Including battery, the weapon light must have a maximum weight of 71.5 g (2.52 oz).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.3	The LED weapon light must not protrude beyond the muzzle of the pistol.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.4	The LED weapon light must have ambidextrous, rear activated operating and switching controls.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 4.5	<p>The LED weapon light's operating and switching controls must include each of the following settings:</p> <ul style="list-style-type: none"> a) momentary on; and b) constant on. 	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <ul style="list-style-type: none"> Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility 		
MT 4.6	<p>The LED weapon light must have ambidextrous switch configurations.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <ul style="list-style-type: none"> Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility 		
MT 4.7	<p>The LED weapon light must include a lockout feature that will prevent the LED weapon light from being accidentally activated.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <ul style="list-style-type: none"> Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility 		
MT 4.8	<p>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.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <ul style="list-style-type: none"> Design documents 		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.9	<p>When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm the LED weapon light, whether still affixed or detached from the pistol after the drop, must maintain function of:</p> <p>a) momentary on; and b) constant on.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 4.10	<p>When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm, the LED weapon light glass must not break, become dislodged, or fall out.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 4.11	<p>The LED weapon light lens must be made of heat resistant glass.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		Test results from an accredited independent third-party testing facility		
MT 4.12	The LED weapon light lens must be scratch resistant.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.13	The LED weapon light must use a lithium 3 Volt CR123A battery.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 4.14	The LED weapon light must have a hard anodized aluminum body.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 4.15	The LED 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 4.16	The user must be able to replace the LED weapon light battery without having to remove the LED weapon light from the pistol.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
Carrying Case				
MT 5.1	The carrying case must have maximum external dimensions of 38.1 cm (15 inches) in width, 30.5 cm (12 inches) in height, and 15.24 cm (6 inches) in depth to hold the configured pistol with RDS and LED 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to:		

			<p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 5.3	<p>The carrying case must include two (2) separated securing eyelets with a minimum diameter of 7 mm (0.276 inch) and a maximum diameter of 9 mm (0.354 inch) that when locked with two (2) RCMP approved locks will secure the case from being pried open by hand.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 5.4	<p>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 installed, grip components and three magazines by a minimum of 1.91 cm (0.75 inch) on all sides.</p> <p>The ASTM D3575 (L: Water Absorption) test standard is acceptable and will meet the RCMP requirement</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 5.5	<p>The carrying case must have a carrying handle.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos</p>			

			User manuals 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.		<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 5.7	The carrying case must be stackable.		<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 5.9	<p>The carrying case must not be embossed with any name, logo*, nor any markings which could indicate the content as a firearm.</p> <p>*Canada will accept the logo of the carrying case manufacturer on the carrying case but no markings that would indicate the contents of the carrying case being a firearm in any way</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 5.10	<p>The carrying case must be coloured black or in grey tones.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

General Duty Holster				
MT 6.1	<p>The holster must be available in a left- and right-handed configuration.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 6.2	The holster must be able to secure the configured pistol with RDS and weapon light.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.3	The pistol must remain in the holster and the holster must not sustain any damage when evaluated in accordance with RCMP-UEP SP 2-2022 Standard Practice for Evaluation of Pistol Holster Retention Mechanism(s).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.4	<p>The holster must have two (2) mechanical locking devices to keep the pistol in the holster, including:</p> <p>a) an automatic locking system; and b) a self-locking system.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

			<p>Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.6	<p>The holster's automatic locking system must offer retention in all directions for both left and right-handed holsters.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 6.7	<p>The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>			
MT 6.8	<p>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.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals</p>			

		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 and adjustments).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
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.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.11	The holster must be made of a durable, polymer material with a non-reflective, matte black surface finish.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 6.13	The holster must shroud the RDS and rear sight from view when in a locked and holstered position.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 6.15	The holster must mount to an in-service duty belt that ranges from 5.0 cm (1.97 inch) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness, limiting unnecessary movement.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents		

	It is acceptable if the holster is capable of being mounted to a MOLLE duty belt with a different back plate. The back plate must be included in each Pistol Package.	Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 6.16	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 6.17	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 6.18	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals		

		Test results from an accredited independent third-party testing facility		
MT 6.19	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).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.20	The bottom of the holster must have (a) drain hole(s) or be open.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.21	The holster must not scratch the surface finish of the pistol.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 6.22	<p>The RDS holster shroud must not impede holstering of the configured pistol.</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 6.23	<p>The holster must mount to a MOLLE duty belt.</p> <p>It is acceptable if the holster is capable of being mounted to a MOLLE duty belt with a different back plate. The back plate must be included in each Pistol Package</p>	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

Plain Clothes Holster				
MT 7.1	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.2	The holster must be able to secure the configured pistol with RDS and LED weapon light installed.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.3	The pistol must remain in the holster and the holster must not sustain any damage when evaluated in accordance with RCMP-UEP SP 2-2022 Standard Practice for Evaluation of Pistol Holster Retention Mechanism(s).	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.4	The holster must have one (1) mechanical automatic locking device to keep the pistol in the holster.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:		

		Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.5	The holster's automatic locking device 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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.6	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.7	The holster's retention/locking release mechanism must be positioned on the top forward portion of the holster to enable a user to draw the pistol with their dominant or non-dominant hand.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals		

		Test results from an accredited independent third-party testing facility		
MT 7.8	The holster must have a locking mechanism that can be serviced by a user (i.e. cleaning and adjustments).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 7.9	When the holster's retention features are deactivated, the holster must enable a user to draw the pistol parallel to the body.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 7.10	The holster must be made of a durable polymer material with a non-reflective, matte black surface finish.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

MT 7.11	The holster must protect the magazine release from inadvertently releasing the magazine while in the holster.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 7.12	The holster must prevent unnecessary movement in accordance with RCMP-UEP SP 3-2022 (Standard Practice for Evaluation of Pistol Holster Belt Slide Attachments).	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 7.13	The holster must mount to a belt that ranges from 3.66 cm (1.44 inches) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness, limiting unnecessary movement.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		
MT 7.14	The holster must remain attached to the wearers belt (G.S. 1045-122 Belt, Waist, Leather, Black dated 2018-08-29) when force is applied in accordance with RCMP-UEP SP2-2022 (Standard Practice	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents</p>		

	for Evaluation of Pistol Holster Retention Mechanisms).	Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.15	The holster must not migrate while in use on the user's belt.	The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.16	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility		
MT 7.17	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. Such as but not limited to: Design documents Technical Documents Manufacturer Specification sheets Photos User manuals		

		Test results from an accredited independent third-party testing facility		
MT 7.18	The holster must not scratch the surface finish of the pistol.	<p>The bidder must provide written documentation that demonstrates how this requirement is met. Such as but not limited to:</p> <p>Design documents Technical Documents Manufacturer Specification sheets Photos User manuals Test results from an accredited independent third-party testing facility</p>		

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)				
Number	Description	Points Allocation (Maximum Allocation = 150)	Score	Reference (Bid Page No.)
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: 100 points Not Demonstrated: 0 points		
LED Weapon Light				
RT 4.6	The LED weapon light should have high and low switch configurations.	Demonstrated: 30 points Not Demonstrated: 0 points		
RT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm, the LED weapon light should remain affixed.	Demonstrated: 20 points Not Demonstrated: 0 points		

ANNEX E: 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 employees 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 pistol 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.

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 sixty (60) 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:

Item	Quantity	Item	Quantity
Pistol (Pre-Sighted and zeroed) (9 right handed and 1 left handed)	10	RDS	10
LED Weapon Light	10	General Duty Holster (6 right handed and 2 left handed)	8
Magazines	30	Plain Clothes Holster (1 right handed and 1 left Handed)	2
Training Pistol (Pre-Sighted and zeroed)	1	Magazines (Training)	3
Grip Sizing Components	Quantity based on bid submission. Minimum of 3 per pistol.	Carrying Case	10
Tools and Test Equipment	As per manufacturer's recommended service requirements	Maintenance Kits	As per manufacturer's 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. PSPC and the fairness monitor will be in attendance throughout. Bidders will not be permitted to witness the evaluations.

Canada Set-up Responsibilities

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 F) if deemed non-compliant.

Performance Evaluation Criteria (Mandatory)		
Number	Description	Evaluation Method(s)
Service Pistol		
MT 2.1.3	The pistol must have a maximum length of 191.5 mm (7.54 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 148 mm (5.83 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 36.1 mm (1.42 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 (3.89 inches) and a maximum length of 108.5 mm (4.26 inches).	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 822.14 grams (29 oz) when the magazine is empty, and no accessories are attached.	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 822.14 grams (29 oz)
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.	This requirement will be evaluated as follow: 1. The evaluator will select one pistol at random.

		<p>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;</p> <p>3. The evaluator using only the RDS will shoot five (5) groups of five (5) rounds;</p> <p>4. The evaluator will use the Hornady Group analysis App to measure the group size and will calculate the average of the five (5) groupings to confirm compliance;</p> <p>5. The evaluator will use the Hornady Group Analysis App to measure the center of the group and to calculate the average deviation from the point of aim; this data will be used to support evaluation of MT 2.11.2 .</p>
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 frame housing and back strap must be textured.	The evaluator will visually and physically inspect the surface of the pistol grip frame housing and back strap for texture.
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 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 non-slip grasping grooves on the slide.
MT 2.5.7	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"> 1. The evaluator will manually cycle the slide to the rear and engage the slide stop with their right thumb; 2. The evaluator will insert a loaded magazine; 3. The evaluator will depress the slide catch lever with their right thumb to release the slide; and 4. This test will be repeated with the evaluator's left thumb.
MT 2.5.9	A minimum of three (3) of the four (4) sides/edges at the entrance of the magazine well must be beveled or flared and be integrated into the pistol's frame (grip module) in order to aid in the insertion of a magazine.	The evaluator will visually and physically inspect the entrance of the magazine well to validate the bevel or flare.
MT 2.6.1	The pistol's magazine release must be configurable for either a right- or left- handed	The evaluator will visually and physically inspect the pistol's magazine release for either right-hand or left-hand only configurations.

	user.	
MT 2.6.2	The pistol 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"> 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 2. The evaluator will visually and physically inspect the pistol's magazine catch.
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"> 1. The evaluator will choose one (1) pistol at random to perform the trigger weight evaluation. 2. The evaluator will use NRA Official Universal Weights to conduct this test; using a hook system to attach the weights to the trigger; 3. The pistol will be orientated vertically with the barrel facing upwards; 4. The evaluator will load a weight jig with a 2.15 kg (4.75 lbs) static weight placed on it; 5. The evaluator will lift the pistol vertically with the jig contacting the trigger. The pistol must not fire or it will be deemed non compliant; 6. 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 7. The evaluator will verify that the assessed trigger weight falls within the 2.27kg (5.0 lbs) to 3.18kg (7.0 lbs) range. 8. The evaluator will perform a total of five (5) trigger pulls on the chosen pistol. 9. The evaluator will calculate the average of the five (5) trigger pulls to determine the average trigger pull weight of the pistol.
MT 2.7.3	The pistol's striker fired mechanism must have a minimum firing pin indent of 0.28 mm (0.011 inch)	<p>This requirement will be evaluated as follow:</p> <ol style="list-style-type: none"> 1. The evaluator will insert a copper crusher into an adapter cartridge which will be inserted into the chamber of the pistol; 2. An adjustment screw will ensure that the crusher is against the breech face when the pistol is in battery; 3. The trigger will be pulled, then the adapter cartridge ejected from the pistol; 4. The copper crusher will be removed from the adapter cartridge and the firing pin indent will be measured on a dial indicator to ensure a minimum firing pin indent of 0.28 mm (0.011 inch); and 5. This test will be conducted three (3) times ensuring minimum indent each time.
MT 2.8.2	The pistol's magazine must have a minimum capacity of seventeen (17) rounds.	The evaluator will load each magazine with seventeen (17) rounds of Winchester 9mm SXT duty ammunition to ensure a minimum capacity of seventeen (17) rounds.
MT 2.8.4	The pistol's magazine must have witness holes starting at maximum cartridge number four (4) that either align with each cartridge or align with cartridges 6, 8, 10, 12, 14 and 17.	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 2.8.5	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54 mm (0.10 inch) up to a maximum of 8.35 mm (0.329 inch) from the front of the pistol's grip.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. The evaluator will insert a magazine into the pistol; 2. Each pistol will be measured with a precision measuring instrument; and 3. The distance which the magazine butt-plate extends past the front of the pistol grip will be measured to ensure a minimum protrusion of 2.54 mm (0.10 inch) up to a maximum

		of 6.35 mm (0.25 inch).
MT 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) when the slide is in either a forward or rear-locked position.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. Pistol with one full magazine: <ol style="list-style-type: none"> a. The evaluator will insert one (1) loaded magazine; b. The evaluator will chamber one (1) round and fire one (1) round; and c. The magazine release will be depressed with the pistol floor plate oriented towards the ground. 2. Pistol with slide locked to the rear: <ol style="list-style-type: none"> a. The evaluator will insert one (1) loaded magazine; and b. The magazine release will be depressed with the pistol floor plate oriented towards the ground. 3. Pistol with the slide forward: <ol style="list-style-type: none"> a. The evaluator will insert one (1) empty magazine; and b. The magazine release will be depressed with the pistol floor plate oriented towards the ground. 4. Pistol with slide locked to the rear: <ol style="list-style-type: none"> a. The evaluator will insert one (1) empty magazine; and b. The magazine release will be depressed with the pistol floor plate oriented towards the ground.
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"> 1. The evaluator will insert a loaded magazine into the pistol; 2. The evaluator will chamber the pistol with one (1) round; 3. The evaluator will remove the magazine from the pistol; and 4. The evaluator will pull the trigger.
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"> 1. Evaluation Method 1: <ol style="list-style-type: none"> a. The evaluator will remove the slide, the barrel, and recoil guide assembly from the pistol; b. Using a tool, the evaluator will push the firing pin forward to inspect if it protrudes from the breech face; and c. The evaluator will depress the firing pin safety, push the firing pin forward, and inspect if it protrudes from the breech face. 2. Evaluation Method 2: <ol style="list-style-type: none"> a. The evaluator will insert a fully loaded magazine into the pistol; b. The evaluator will cycle the action to load a round into the chamber; 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 d. The evaluator will repeat this test five (5) times.
MT 2.10.4	The pistol must have a mechanical safety to	This requirement will be evaluated as follows:

	prevent a user from firing the pistol when not in battery (slide not fully forward and unlocked).	<ol style="list-style-type: none"> 1. The evaluator will chamber a primed cartridge into the pistol; 2. The evaluator will move the pistol's slide rearward 6.35 mm (0.25 inch); and 3. The evaluator will pull the trigger and assess if the pistol fires.
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"> 1. The evaluator will chamber one (1) Winchester 9mm SXT duty ammunition into the pistol; and 2. The evaluator will inspect the pistol for a visual and/or tactile loaded chamber indicator.
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 photo luminescent outline must be visible at all times ie. during daylight and in the dark.	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 inches) radius at 25 m (27.34 yards).	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. The evaluator will use the pistol previously selected to perform the accuracy evaluation in MT 2.2.2. 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; 3. The evaluator using only the iron sights will shoot five (5) groups of five (5) rounds; 4. The evaluator will use the Hornady Group Analysis App to measure the center of the group and to calculate the average deviation from the point of aim; 5. The evaluator will review the average deviation from point of aim for both the RDS groupings calculated in MT 2.2.2., and for iron sights to confirm compliance.
MT 2.11.3	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).	The evaluator will visually inspect and physically measure the front sight on each pistol using a precision measuring instrument.
MT 2.11.4	<p>The pistol's rear sight must have each of the following:</p> <ol style="list-style-type: none"> 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 3.683 mm (0.145 inch) and 4.953 mm (0.195 inch); 	The evaluator will visually inspect and physically measure the rear sight on each pistol using a precision measuring instrument.
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 green surrounded with a black outline. The small metal tube ring that secures the tritium dot can be of a metallic color.	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	At minimum, the slide, backstrap on the training pistol grip and magazine butt plate must be blue in color.	The evaluator will visually inspect the training pistol.
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 must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface.	The evaluator will visually and physically inspect the training pistol with attached RDS.
MT 2.12.4	The training pistol must be capable of firing RCMP marking cartridges with the submitted weapon light and RDS attached.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. The evaluator will visually and physically inspect the training pistol, RDS, weapon light, and general duty holster as per manufacturer's specifications; 2. The evaluator will load three (3) training pistol magazines to maximum capacity with RCMP marking cartridges; 3. The evaluator will fire the training pistol until all the rounds are fired. 4. The evaluator will record any weapon-related stoppages during the test (note: any stoppages determined to be ammunition-related defects will not be counted). The pistol must be capable of firing a class 4 event, and no more than 30% of the marking cartridges incurring class 1, 2, or 3 events; and 5. The evaluator will disassemble and visually and physically inspect the training pistol, RDS, weapon light, 3 magazines, and general duty holster.
MT 2.12.5	The training pistol must be able to work with the offered General Duty Pistol Holster and the offered Plain Clothes Pistol Holster.	The evaluator will holster and un-holster the configured training pistol into the offered duty holster and offered plain clothes holster.
MT 2.12.6	The training pistol RDS must meet the same specifications as the Service Pistol RDS with the exception of MT3.1 "The red dot sight (RDS) must be configured to direct mount to the pistol slide." For the	The evaluator will visually and physically inspect the RDS attached to the training pistol.

	Training Pistol only, MT 2.12.3 states: “The training pistol must come with a Red Dot Sight (RDS) attached to it either by being directly mounted to the training pistol or with the use of an adaptor plate interface.”	
Red Dot Sight (RDS)		
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 ⅓ co-witness of the iron sights through the RDS.
MT 3.7	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 3.12	The RDS exterior dimensions must be less than or equal to 55.9 mm (2.2 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 55.9 mm (2.2 inch) long x 34.3 mm (1.35 inch) wide x 34.3 mm (1.35 inch) in height.
MT 3.21	The user must be able to change the RDS battery without having to remove the RDS from the pistol slide.	The evaluator will perform a battery exchange on the installed RDS.
LED Weapon Light		
MT 4.2.1	The weapon light must have a maximum height of 33.81 mm (1.33 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 31.29 mm (1.26 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 68.77 mm (2.70 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.4	Including battery, the weapon light must have a maximum weight of 71.5 g (2.52 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 71.5 g (2.52 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 4.7	The weapon light must include a lockout feature that will prevent the LED weapon light from being accidentally activated.	This requirement will be evaluated as follows: 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 2. The evaluator will determine whether the light is capable of being activated while lockout is engaged.	
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 user must be able to replace the LED weapon light battery without having to remove the LED weapon light from the pistol.	The evaluator will perform a battery exchange on the installed weapon light.	
Carrying Case			
MT 5.1	The carrying case must have maximum external dimensions of 38.1 cm (15 inches) in width, 30.5 cm (12 inches) in height, and 15.24 cm (6 inches) in depth to hold the configured pistol with RDS and LED weapon light installed, three magazines, and pistol accessories (such as grip components).	The evaluator will physically measure the external dimensions (height, width, and depth) of 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 7 mm (0.276 inch) and a maximum diameter of 9 mm (0.354 inch) that when locked with two (2) RCMP approved locks will secure the case from being pried open by hand.	This requirement will be evaluated as follows: 1. The evaluator will physically measure each carrying case securing eyelets width with a precision measuring instrument; and 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.	
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 installed, grip components and three magazines by a minimum of 1.91 cm (0.75 inch) on all sides.	This requirement will be evaluated as follows: 1. The evaluator will place the configured pistol with RDS and weapon light installed, grip components, and three magazines into the carrying case and measure all foam separation between contents and walls with a precision measuring instrument; 2. The evaluator will close and secure the lid on the carrying case and contents, pick up the carrying case and orient it:	

	The ASTM D3575 (L: Water Absorption) test standard is acceptable and will meet the RCMP requirement	<ol style="list-style-type: none"> lid side up; lid side down; right side up; right side down; handle side up; and handle side down; <ol style="list-style-type: none"> The evaluator will listen for any signs that the contents are not secure within the case (i.e., clunking sound); The evaluator will place the case lid side up on a flat and level surface; and The evaluator will open the case and inspect the contents for any dislodging from the foam.
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> <ol style="list-style-type: none"> 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 The evaluator will visually inspect the carrying case on all 6 sides.
MT 5.9	<p>The carrying case must not be embossed with any name, logo*, nor any markings which could indicate the content as a firearm.</p> <p>*Canada will accept the logo of the carrying case manufacturer on the carrying case but no markings that would indicate the contents of the carrying case being a firearm in any way</p>	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.
Pistol Holster - General Duty		
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 LED 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 and right-handed holsters.	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 6.7	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 shroud the RDS and rear sight from view 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 mount to an in-service duty belt that ranges from 5.0 cm (1.97 inch) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness limiting unnecessary movement. It is acceptable if the holster is capable of being mounted to a MOLLE duty belt with a different back plate. The back plate must be included in each Pistol Package	The evaluator will visually and physically inspect the holster for compatibility with in-service duty belt.
MT 6.16	The holster must remain attached to the in-service nylon duty belt when force is applied in accordance with RCMP-UEP SP 3-2022 (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 6.17	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 6.20	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.
Pistol Holster - Plain Clothes		
MT 7.1	The holster must be available in a left- and	The evaluator will visually and physically inspect the holster.

	right-handed configuration.	
MT 7.2	The holster must be able to secure the configured pistol with RDS and LED weapon light installed.	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 7.3	The pistol must remain in the holster and the holster must not sustain any damage when evaluated in accordance with RCMP-UEP SP 2-2022 Standard Practice for Evaluation of Pistol Holster Retention Mechanism(s).	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 7.4	The holster must have one (1) mechanical automatic locking device to keep the pistol in the holster.	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 7.5	The holster's automatic locking device must offer retention in all directions for both left and right-handed holsters.	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).
MT 7.6	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: The evaluator will holster the configured pistol; and The evaluator will visually and physically inspect the grip of the holstered pistol.
MT 7.12	The holster must 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 7.13	The holster must mount to a belt that ranges from 3.66 cm (1.44 inches) to 5.7 cm (2.24 inches) in width and 3 mm (0.12 inch) to 5 mm (0.2 inch) thickness, limiting unnecessary movement.	The evaluator will visually and physically inspect the holster for compatibility with in-service duty belt.
MT 7.14	The holster must remain attached to the wearers belt (G.S. 1045-122 Belt, Waist, Leather, Black dated 2018-08-29) when force is applied in accordance with RCMP-UEP SP2-2022 (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 7.17	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 4.6	The weapon light should have high and low switch configurations.	The evaluator will visually inspect the weapon light for high and low switch configurations.
RT 4.9	When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters (4.27 feet), 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.

Performance Evaluation: Environmental Condition Testing		
<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> For cold temperature test, each pistol, RDS, weapon light, and a loaded magazine will be: <ol style="list-style-type: none"> cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications with vendor supplied batteries; the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered; 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; after exposure of 4 hours at -40°C condition, the loaded pistol will be removed from the freezer and the holster; within five (5) minutes, the light will be activated, and the pistol will be fired five (5) times at 25m; [MT 3.5] the point of impact (groupings) of the test will be compared to the grouping in MT 2.11.2; the remaining rounds in the magazine will be fired; and [MT 3.14] The RDS dot intensity switch will be adjusted to verify functionality. For hot temperature test, each pistol, RDS, weapon light and a loaded magazine will be: <ol style="list-style-type: none"> cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications; the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered; 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; after exposure of 4 hours at 48°C condition, the loaded pistol will be removed from the oven and the holster; within five (5) minutes, the light will be activated, and the pistol will be fired five (5) times at 25m; [MT 3.5] the point of impact (groupings) of the test will be compared to the grouping in MT 2.11.2; the remaining rounds in the magazine will be fired; and [MT 3.14] the RDS dot intensity switch will be adjusted to verify 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 to point of aim within a 5.08 cm (2 inches) radius at 25 m (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

MT 3.5	The RDS must function and maintain 0 within a temperature range of -40°C to +48°C for a minimum of 4 hours.	then be fired immediately five (5) times at 25m ensuring a point of aim within a 5.08 cm (2 inches) radius.
MT 3.14	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 MT 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		
<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> a. [MT2.1.2] Every five hundred (500) rounds, the evaluator will: <ol style="list-style-type: none"> i. Clean and lubricate (using RCMP approved lubricant) as per manufacturer's specifications; and ii. Visually 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 and/or evaluator induced stoppages will not be counted). The stoppages will be weighted as follows: <ol style="list-style-type: none"> 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 100 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 Evaluations		
Number	Description	Method of Evaluation
MT 2.1.1	<p>The pistol must be capable of firing 20,000 rounds without:</p> <ol style="list-style-type: none"> a. Needing to change the barrel, frame and slide; b. Incurring a class 4 event; c. Incurring more than 100 pts based on class 1, 2, and 3 events; and 	<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:</p> <ol style="list-style-type: none"> 1. The barrel, frame and slide will not be changed. Every five hundred (500) rounds, the evaluator will clean, lubricate, visually inspect, and

	d. Needing to change any part due to failure outside the manufacturers part replacement schedule	<p>physically inspect the pistol;</p> <p>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</p> <p>3. During the trial, parts will be changed as per manufacturer recommendations.</p>
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 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.
MT 2.6.3	The pistol's magazine release must prevent the magazine from being released while firing or handling the pistol.	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.
Rated Evaluation		
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.	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).

Performance Evaluation: Drop Testing		
<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> The evaluator will chamber the pistol with a primed cartridge case and insert a magazine loaded to one (1) less than maximum capacity; 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"> muzzle down; muzzle up; magazine down; magazine up; right side down; and right side up. [MT2.10.6] The evaluator will determine whether the gun discharges during the drop test; Should the pistol fire when dropped, it will be deemed non-compliant; Should the pistol not fire when dropped, the evaluator will fire the primed cartridge case. In the case that the primed cartridge case does not fire, the pistol will be deemed non-compliant; [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; Should the weapon light be compromised, the testing on the weapon light will be concluded; [MT4.9] The evaluator will ensure the weapon light maintains function of: <ol style="list-style-type: none"> momentary on, and 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: <ol style="list-style-type: none"> momentary on, and constant on. [MT3.23] The evaluator will visually and physically inspect the RDS to ensure: <ol style="list-style-type: none"> The RDS continues to operate; and Hardware retention remains secure; [MT3.23] The evaluator will evaluate the point of impact change of the RDS as follows: <ol style="list-style-type: none"> The evaluator will manually cycle the action. 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) 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). 		
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 3.23	When affixed to the pistol with a loaded magazine and after being dropped from 121.9 cm (48 inches), 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 121.9 cm (48 inches), 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 121.9 cm (48 inches), 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.