

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)	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 mm (7.52 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 mm (4.25 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: <ol style="list-style-type: none"> 1. The evaluator will shoot the pistol for accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag; 2. The evaluator will shoot five (5) groups of five (5) rounds; and

		3. The evaluator will calculate the average of the five (5) groupings to confirm compliance.
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	The full circumference edge 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 user.	The evaluator will visually and physically inspect the pistol's magazine release for either right-hand or left-hand only configurations.
MT 2.6.2	The pistol 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 use NRA Official Universal Weights to conduct this test; using a hook system to attach the weights to the trigger; 2. The pistol will be orientated vertically with the barrel facing upwards; 3. The evaluator will load a weight jig with a 2.15 kg (4.75 lbs) static weight placed on it;

		<ol style="list-style-type: none"> The pistol will be lifted vertically with the jig contacting the trigger. The pistol must not fire; 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 The evaluator will verify that the assessed trigger weight falls within the 2.27kg (5.0 lbs) to 3.18kg (7.0 lbs) range.
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"> The evaluator will insert a copper crusher into an adapter cartridge which will be inserted into the chamber of the pistol; An adjustment screw will ensure that the crusher is against the breech face when the pistol is in battery; The trigger will be pulled, then the adapter cartridge ejected from the pistol; 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 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 that align with each cartridge in the magazine starting at maximum cartridge number four (4).	The evaluator will load the magazine one cartridge at a time to maximum capacity. From the fourth cartridge onwards each witness hole will be visually inspected to ensure a cartridge aligns with the witness hole.
MT 2.8.5	The pistol's magazine must have a baseplate that protrudes a minimum of 2.54 mm (0.10 inch) up to a maximum of 6.35 mm (0.25 inch) from the front of the pistol's grip.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> The evaluator will insert a magazine into the pistol; Each pistol will be measured with a precision measuring instrument; and 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"> Pistol with one full magazine: <ol style="list-style-type: none"> The evaluator will insert one (1) loaded magazine; The evaluator will chamber one (1) round and fire one (1) round; and The magazine release will be depressed with the pistol floor plate oriented towards the ground. Pistol with slide locked to the rear: <ol style="list-style-type: none"> The evaluator will insert one (1) loaded magazine; and The magazine release will be depressed with the pistol floor plate oriented towards the ground. Pistol with the slide forward: <ol style="list-style-type: none"> The evaluator will insert one (1) empty magazine; and The magazine release will be depressed with the pistol floor plate oriented towards the ground. Pistol with slide locked to the rear:

		<ul 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> <ul 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> <ul style="list-style-type: none"> 1. Evaluation Method 1: <ul 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: <ul 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 prevent a user from firing the pistol when not in battery (slide not fully forward and unlocked).	<p>This requirement will be evaluated as follows:</p> <ul 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> <ul 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 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> <ul style="list-style-type: none"> 1. Iron Sights: <ul style="list-style-type: none"> a. The evaluator using the pistol shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag will shoot one (1) group of five (5) rounds

		<p>using the iron sights at 25 m (27.3 yds)</p> <p>b. An average of the grouping for the pistol with iron sight will be taken to assess whether the pistol meets the requirement.</p> <p>2. Red Dot Sight:</p> <p>a. The evaluator using the pistol shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag will shoot one (1) group of five (5) rounds using the RDS at 25 m (27.3 yds)</p> <p>b. An average of the grouping for the pistol with RDS will be taken to assess whether the pistol meets the requirement.</p>
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> <p>a) A square or u-shaped notch;</p> <p>b) A surface that will reduce glare to assist a user with front sight focus and;</p> <p>c) A notch width between 4.57 mm (0.180 inch) and 5.46 mm (0.215 inch).</p>	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 evaluator will visually inspect the pistol's rear sight tritium vials.
MT 2.11.8	The pistol's front and rear sights must be replaceable.	The evaluator will visually inspect the pistol's front and rear sights.
MT 2.11.10	The pistol's rear iron sight dovetail must be milled to the pistol's slide.	The evaluator will visually inspect the pistol's rear iron sight dovetail.
MT 2.12.1	The training pistol's must be blue.	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 with the submitted weapon light attached must be capable of firing RCMP marking cartridges.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. The evaluator will assemble the training pistol, weapon light, and general duty holster as per manufacturer's specifications; 2. The evaluator will visually and physically inspect the assembled training pistol;

		<ol style="list-style-type: none"> The evaluator will load the training pistol with three (3) magazines loaded to maximum capacity with RCMP marking cartridges; The evaluator will fire the training pistol until all the rounds are fired. 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 evaluator will disassemble and visually and physically inspect the training pistol, weapon light, 3 magazines, and general duty holster.
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 1/3 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.).	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> The RDS (battery included) will be placed on a calibrated weighing scale without the mounting hardware; and 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 32.2 mm (1.27 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.2	The weapon light must have a maximum width of 29.8 mm (1.18 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.3	The weapon light must have a maximum length of 65.5 mm (2.58 inches).	The evaluator will physically measure the weapon light using a precision measuring instrument.
MT 4.2.4	Including the battery, the weapon light must have a maximum weight of 68.1 g (2.4 oz.).	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> The weapon light (battery included and installed) will be placed on a calibrated weighing scale; and The weight will be recorded to ensure it is under the maximum weight of 68.1 g (2.4 oz.).
MT 4.3	The weapon light must not protrude beyond the muzzle of the pistol.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> The light will be attached to the pistol; and A straight edge will be placed across the muzzle end of the pistol to ensure the weapon light does not protrude.

MT 4.5	The weapon light's operating and switching controls must include each of the following settings: a) momentary on; and b) constant on.	This requirement will be evaluated as follows: 1. The weapon light will be tested for momentary on operation; and 2. The weapon light will be tested for a constant on function.
MT 4.6	The weapon light must have ambidextrous high and low switch configurations.	The evaluator will visually inspect the weapon light for an ambidextrous high and low switch configurations.
MT 4.7	The weapon light must include a lockout feature that will prevent the 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 8 mm (0.315 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:

		<ul style="list-style-type: none"> a. lid side up; b. lid side down; c. right side up; d. right side down; e. handle side up; and f. handle side down; <ul style="list-style-type: none"> 3. The evaluator will listen for any signs that the contents are not secure within the case (i.e., clunking sound); 4. The evaluator will place the case lid side up on a flat and level surface; and 5. The evaluator will open the case and inspect the contents for any dislodging from the foam.
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> <ul style="list-style-type: none"> 1. The evaluator will place the pistol with RDS and weapon light and three magazines into the carrying case, close and secure the carrying case as per manufacturer's instructions; and 2. The evaluator will visually inspect the carrying case on all 6 sides.
MT 5.9	The carrying case must not be embossed with any name, logo, nor any markings which could indicate the content as a firearm.	The evaluator will visually and physically inspect the carrying case.
MT 5.10	The carrying case must be coloured black or in grey tones.	The evaluator will visually and physically inspect the carrying case.
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	The evaluator will perform a physical evaluation in accordance with RCMP-UEP SP2-2022 (Standard Practice for Evaluation of Pistol Holster Retention Mechanisms).

	and right-handed holsters.	
MT 6.7	The holster must enable the user to have full access to the grip of the pistol before drawing the pistol out.	This requirement will be evaluated as follows: 1. The evaluator will holster the configured pistol; and 2. The evaluator will visually and physically inspect the grip of the holstered pistol.
MT 6.13	The holster must 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.	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 right-handed configuration.	The evaluator will visually and physically inspect the holster.
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 2.12.2	The training pistol should come with the submitted RDS attached to it in the same manner as the submitted service pistol.	The evaluator will visually and physically inspect the training pistol with submitted RDS and submitted weapon light attached.
RT 2.12.3	The training pistol with the submitted weapon light and submitted RDS attached must be capable of firing RCMP marking cartridges.	<p>This requirement will be evaluated as follows:</p> <ol style="list-style-type: none"> 1. The evaluator will assemble the training pistol, RDS, weapon light, and general duty holster as per manufacturer's specifications; 2. The evaluator will visually and physically inspect the assembled training pistol; 3. The evaluator will load the training pistol with three (3) magazines loaded to maximum capacity with RCMP marking cartridges; 4. The evaluator will fire the training pistol until all the rounds are fired; 5. The evaluator will record any weapon-related stoppages during the test (note: any stoppages determined to be ammunition-related defects will not be counted); and 6. The evaluator will disassemble and visually and physically inspect the training pistol, RDS, weapon light, 3 magazines, and general duty holster.
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

This requirement will be evaluated as follows:

1. For cold temperature test, each pistol, RDS, weapon light, and a loaded magazine will be:
 - a. cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications with vendor supplied batteries;
 - b. the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered;
 - c. the loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of -40°C for 4 hours;
 - d. after exposure of 4 hours at -40°C condition, the loaded pistol will be removed from the freezer and the holster;
 - e. within five (5) minutes, the light will be activated, and the pistol will be fired five (5) times at 25m;
 - f. [MT 3.5] the point of impact (groupings) of the test will be compared to the grouping in MT 2.11.2;
 - g. the remaining rounds in the magazine will be fired; and
 - h. [MT 3.14] The RDS dot intensity switch will be adjusted to verify functionality.
2. For hot temperature test, each pistol, RDS, weapon light and a loaded magazine will be:
 - a. cleaned, lubricated (using RCMP approved lubricant), and assembled as per manufacturer's specifications;
 - b. the loaded magazine will be inserted into the pistol, the RDS will be activated, and a round will be chambered;
 - c. the loaded configured pistol (mounted RDS and weapon light) will be placed in the general duty holster and exposed to a temperature of 48°C for 4 hours;
 - d. after exposure of 4 hours at 48°C condition, the loaded pistol will be removed from the oven and the holster;
 - e. within five (5) minutes, the light will be activated, and the pistol will be fired five (5) times at 25m;
 - f. [MT 3.5] the point of impact (groupings) of the test will be compared to the grouping in MT 2.11.2;
 - g. the remaining rounds in the magazine will be fired; and
 - h. [MT 3.14] the RDS dot intensity switch will be adjusted to verify functionality.

Mandatories Evaluated

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

This requirement will be evaluated as follows:

1. The evaluator will clean, lubricate (using RCMP approved lubricant), and assemble three (3) pistols as per manufacturer's specifications;
2. **Safety Inspection:** The evaluator will inspect and gauge to verify that the pistols are safe to fire. For any weapon that is deemed unsafe to fire, the reasons will be recorded and the bid will be deemed noncompliant and given no further consideration;
3. [MT2.2.2] The evaluator will shoot the pistol for accuracy in a standing position from 25 m (27.34 yards) away shooting Winchester SXT 147 gr. duty ammunition supported on a sandbag. The evaluator will shoot one (1) group of five (5) rounds. The average of the grouping will be taken to ensure compliance with a six (6) inch grouping.
4. The evaluator will fire a 20,000 round endurance trial in a standing position using a combination of Winchester SXT 147 gr. duty (50% - 10 000 rounds) and RCMP approved training ammunition (50% - 10 000 rounds) in an RCMP approved firing range. The evaluator will clean and/or check the pistol as follows:
 - a. [MT2.1.2] Every five hundred (500) rounds, the evaluator will:
 - 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:
 - 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.

Mandatories Evaluated

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

This requirement will be evaluated as follows:

1. The evaluator will chamber the pistol with a primed cartridge case and insert a magazine loaded to one (1) less than maximum capacity;
2. 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:
 - a. muzzle down;
 - b. muzzle up;
 - c. magazine down;
 - d. magazine up;
 - e. right side down; and
 - f. right side up.
3. [MT2.10.6] The evaluator will determine whether the gun discharges during the drop test;
4. Should the pistol fire when dropped, it will be deemed non-compliant;
5. 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;
6. [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;
7. Should the weapon light be compromised, the testing on the weapon light will be concluded;
8. [MT4.9] The evaluator will ensure the weapon light maintains function of:
 - a. momentary on,
 - b. and constant on.
9. 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,
 - b. and constant on.
10. [MT3.23] The evaluator will visually and physically inspect the RDS to ensure:
 - a. The RDS continues to operate; and
 - b. Hardware retention remains secure;
11. [MT3.23] The evaluator will evaluate the point of impact change of the RDS as follows:
 - a. The evaluator will manually cycle the action.
 - b. 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)
 - c. 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).

Mandatories Evaluated

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	<p>When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the RDS must:</p> <ol style="list-style-type: none"> remain affixed to the pistol, maintain the ability to see the red dot, and maintain its 0. 	<p>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:</p> <ol style="list-style-type: none"> The RDS continues to operate; and Hardware retention remains secure.
MT 4.9	<p>When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters, the LED weapon light, whether still affixed or detached from the pistol after the drop, must maintain function of:</p> <ol style="list-style-type: none"> momentary on; and constant on. 	<p>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:</p> <ol style="list-style-type: none"> momentary on; and constant on. <p>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:</p> <ol style="list-style-type: none"> momentary on; and constant on.
MT 4.10	<p>When affixed to the pistol with a loaded magazine and after being dropped from 1.3 meters (4.27 feet), the LED weapon light glass must not break, become dislodged, or fall out.</p>	<p>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.</p>