STATEMENT OF WORK (SOW)
5.56 x 45mm Rifle
United States Secret Service (USSS)

1.0 Introduction

1.1 Background

The United States Secret Service (USSS) Firearms Policy, Training, and Research Section is responsible for researching, testing, and procuring new firearms and related equipment to the agency for training and operational use. This is a non-personal services contract to provide 5.56 AR-15 style rifles and accessories for relevant teams in the Special Operations Division. The Government shall not exercise any supervision or control over the contract service providers performing the services herein. Such contract service providers shall be accountable solely to the contractor who, in turn, is responsible to the Government.

1.2 Requirement Overview

The USSS has a requirement for a 5.56 AR-15 style rifle, equipped with semi-automatic firing capability, and sound suppression for use in all environmental conditions. The weapon shall be commercially available and exhibit a 'manual of operation' consistent with the existing 5.56 SR-16 Service Rifle (AR-15) family of weapons. All firearms and accessories procured under this solicitation shall be of new manufacture (rebuilt, overhauled, remanufactured, or "seconds" shall not be accepted).

1.3 Contract Type and Period of Performance

The period of performance for this firm fixed-price indefinite-delivery, indefinite-quantity (IDIQ) contract is five (5) years ordering period. Task orders will be placed against the established IDIQ Contract.

1.4 Other DHS Participants

Relevant components within the Department of Homeland Security (DHS) and other federal agencies may participate in this requirement. USSS will be the awarding agency and owner of the IDIQ. Other DHS components and other federal agencies may place orders under this IDIQ subject to:

a. Must obtain approval from the USSS Contracting Officer prior to placing an order; and;
b. Funding their own orders.

1.4.1 Ordering Guidelines

• Orders are subject to the terms and conditions and the provisions of the IDIQ.

• Orders may only be issued from the date of the IDIQ award through the IDIQ expiration.

• An order will be considered issued when the DO CO transmits the order to the Contractor.

• Orders may be issued by Contracting Officers throughout the Federal Government. It is incumbent upon each requiring activity to adhere to the policies and procedures established by DHS and those of their Component organization. The guidelines provided herein do not supersede any required Component-level acquisition policies.

1.4.2 Steps to Order

Steps	Details
Step 1	The Delivery Order (DO) Contracting Officer (CO) determines the Component's or Agency's need for Rifles.
Step 2	Request approval from USSS prior to issuing a delivery order to ensure adequate IDIQ Ceiling. To request approval, email the USSS Contract Officer (CO) with the following information: • SOW Section & Number of items requested • Total Delivery Order Value
Step 3	The USSS CO will send an approval or denial via email for the purchase request.
Step 4	Once approved, the Delivery Order (DO) Contracting Officer (CO) must ensure each IDIQ DO includes the following information: • IDIQ number and IDIQ DO number; • Date of the order and required delivery date; • Delivery location(s); • Deliverables per location; • Contract Line-Item Number (CLIN) and description, quantity, unit price, extended total; • Security requirements; • Invoicing instructions; • The payment schedule, if applicable; and Accounting and appropriation data.
Step 5	Once the Delivery Order is completed, it is the ordering activity's responsibility to ensure copies of awarded orders are provided to the USSS IDIQ CO and COR within 24 hours from the date of award.

2.0 Delivery

2.1 **Delivery Orders and Locations**

All delivery shall be shipped to the James J. Rowley Training Center in Laurel, MD in accordance with USSS agency delivery procedures. The Contractor shall deliver each order 90-days after execution of each delivery order.

USSS POC: Matthew Vertin; Tel 202-748-3293.

2.2 **Non-Freight Items Delivery Address**

Delivery of non-freight items will be made to:

- Communications Center – RTC
  245 Murray Drive, SW Bldg. T-5
  Washington, DC 20223
  Attn: Armory

2.3 **Final Delivery / Freight Delivery Address**

Final delivery of all items, including freight, will be to:

- USSS RTC-WADS
  9200 Powder Mill Road
  Laurel, MD 20708

2.4 **Regulatory Compliance**

All deliveries are subject to the Bureau of Alcohol, Tobacco, Firearms and Explosives' regulations and shall be completed in accordance with all applicable statutes and requirements of the National Firearms Act. It is recognized that one or more of these devices meet definitions stipulated in 18 U.S.C. § 921(a)(24), are thus a National Firearms Act firearm as defined under 26 U.S.C. § 5845 and subject to controls of the National Firearms Act 26 U.S.C., Chapter 53, §§ 5801-5872, and that the US Secret Service is a qualified United States agency, as specified in 26 U.S.C. § 5852.

3.0 Requirements

3.1 Manufacturer Requirements

3.1.1 **Definition of Offeror**

For the purposes of this solicitation, "offeror" means an entity that:

a. Produces firearms under its own brand name;
b. Holds an appropriate federal firearms manufacturing license (e.g., Type 07 FFL or equivalent); and
c. Is directly responsible for the design, production, and quality control of the firearms offered.

3.1.2 **Eligibility**

Only original equipment manufacturers (OEM) of the firearms being solicited are eligible to submit proposals. Proposals from resellers, distributors, or third-party vendors will not be considered. Contract manufacturing of components is permitted, provided the OEM retains design authority and quality control responsibility.

3.2 Testing

The USSS Office of Training (TNG) - Firearms Policy, Research and Training Section will conduct all testing; however, the USSS reserves the right to use an outside laboratory to conduct performance verification if it deems necessary.

The successful offeror(s) agrees to allow the USSS to release testing data of their firearm samples to the Department of Defense and Federal Law Enforcement agencies. Release of this data will be on a case-by-case basis and will only be forwarded after receiving an official request on agency or department letterhead. Requests to the USSS shall state that the "Information is requested for official use only and will not be disseminated outside the requesting agency (i.e. Federal Agencies, etc.) or department."

3.3 Limited Technical Inspection (LTI)

During the contract term, if the manufacturer of the weapon modifies the rifle in any way, the contractor shall be required to notify the USSS Office of Training - Firearms Policy, Research and Training Section, the Contracting Officer's Representative (COR), and the Contracting Officer at least thirty (30) days in advance of any changes in material, make-up, or specifications of the weapon prior to delivery.

The specifications designated for LTI in this solicitation will be verified for each production sample received during the duration of the contract. All contract production samples must:

- Meet the requirements set forth in the solicitation; and
- Exhibit performance that is comparable to what was exhibited during solicitation testing for all requirements during LTI.

The Government reserves the right to increase the amount of testing it performs under the LTI protocols up to the full amount of testing conducted during all phases of solicitation testing. Firearms will be inspected in their entirety for general contract compliance.

If the new modifications do not pass the Government's testing (via LTI or further), the Government reserves the right to reject the modifications. If the Government refuses the modifications, then the Contractor shall continue to deliver in accordance with the original contract specification.

3.4 Quality Management System (QMS)

The manufacturer shall have a QMS in place that enables the organization to identify, measure, control, and improve key manufacturing processes.

3.5 Warranty

3.5.1 **General Warranty**

The offeror(s) shall warrant the firearm for at least five (5) years from the date of delivery of the firearm to the Government. The manufacturer shall replace any firearm that has a gross failure of the barrel, receiver, or operating system within the warranty period due to defects in material or workmanship.

The warranty shall cover and provide the USSS, with every firearm purchased, with a complement of all parts prescribed by the successful offeror's maintenance schedule and/or replaced during the selection process. Additionally, should any new part be manufactured to rectify any unforeseen defect or deficiency, the successful offeror shall provide the USSS, if accepted, with the "upgraded" part, for every firearm purchased. (Suppressors are excluded from this warranty.)

3.5.2 **Warranty Returns and Shipping**

During the period of the warranty, the Government will ship defective items back to the manufacturer's facility for repair or replacement. The successful offeror shall be responsible for all shipping charges. A courier with parcel tracking, for pickup to delivery (such as FEDEX or UPS) must be used and the parcel must be delivered utilizing overnight or next day service.

3.5.3 **Lower Receiver Warranty**

The Lower Receiver shall be warrantied for a minimum of 20,000 rounds.

3.6 Non-Disclosure

Serial numbers provided for the weapons purchased by the U.S. Secret Service shall not be released without prior written approval of the Contracting Officer and the Contracting Officer's Representative (COR).

3.7 Training & Documentation

3.7.1 **Armorer Training**

The successful offeror shall provide armorer training no later than 30 days prior to first delivery of weapons at no additional cost to the Government.

Training shall be provided to no less than five (5) designated armorers, on-site at the USSS Office of Training - Firearms Policy and Research Section location, or the offeror's manufacturing facility. Training duration shall be no longer than five (5) days in length.

Training shall include, but not be limited to:

- Complete and detailed assembly and disassembly of the weapon.
- Diagnosis and resolution of malfunctions.
- Fitting of parts.
- Training in the functioning and engineering of the design.
- Symptoms of impending malfunctions.
- Necessary tools and their proper use.
- Necessary dimensions and tolerances.

The training shall be available for the duration of the contract.

3.7.2 **Spare Parts Inventory**

The manufacturer shall prepare and supply an inventory of spare parts based on the initial first year purchase of rifles and any other parts as recommended by the manufacturer and the Government.

3.8 Tools and Spare Parts

3.8.1 **Tools**

The successful offeror(s) shall supply all special tools, in sets of five (5), required to service the weapon. This includes but may not be limited to gauges, jigs, barrel wrenches, vice jaws, factory headspace gauges, etc. Additionally, manufacturers shall include detailed chamber drawings and Rockwell Hardness specifications.

3.8.2 **Delivery of Tools and Spare Parts**

All tools and spare parts shall be delivered to the USSS/RTC Armory no later than 30 days prior to the first delivery of rifles.

3.9 Design Requirements

3.9.1 **Finish**

All external metal parts of the weapon shall have a dark subdued, rust/corrosion resistant finish. The finish shall be unaffected by commercially available gun cleaning solvents, such as Simple Green, used in heated ultrasonic cleaning tanks. Flaking, peeling, blotching, etc. of the finish is unacceptable.

3.9.2 **Chambering and Ammunition**

The weapon shall be chambered in accordance with current SAAMI Specifications for 5.56 x 45mm, and function with assorted ammunition ranging in weight from 60 to 77 grain (to include all common SAAMI-spec and Mil-Spec ammunition) as well as frangible ammunition.

3.9.3 **Handedness**

The weapon shall be operable, without modification or alteration, by a right-handed shooter.

3.10 Dimensional Requirements

- Height (not taller than, without accessories or magazine): **8 inches**
- Weight, including suppressor (no heavier than, without accessories or magazine): **8 pounds**
- Length (no longer than, with stock folded, including suppressor): **29 inches**
- Barrel length – minimum to maximum (measured from closed bolt face to end of muzzle, not including muzzle device): **12.25 – 14 inches**

3.11 Operating System

The rifle shall utilize either:

a. A direct-impingement gas-operated system, or
b. A short-stroke gas piston system.

3.12 Barrel

3.12.1 **Service Life**

The barrel shall have a minimum service life of 10,000 rounds.

Barrel service life is defined as:

- Not exceeding 2 Minutes-of-Angle (MOA); and
- Exhibiting no more than 175 ft/sec decrease in velocity (in accordance with USSS velocity testing procedures).
  With observance of offeror's submitted maintenance protocols.

3.12.2 **Barrel Quality**

The barrel shall be free of cracks, seams, and other injurious defects and the bore and chamber shall be free of pockets, rings, bulges, and other deformations. The bore and chamber shall be chromium plated, or of equivalent corrosion resistance. Any coating in the chamber and bore shall be free of nodules, flaking, pits, stripping, anode burrs and evidence of etched base steel. Burrs and sharp edges shall be removed from the chamber edges and bolt locking lugs.

3.12.3 **Muzzle Device Interface**

The muzzle shall be equipped with the appropriate attachment device for mating with the included sound suppressor. Crush washers are not acceptable.

3.13 Suppressor

The rifle shall be supplied with **one** of the following suppressors and appropriate attachment device for mating the suppressor:

- HUXWRX FLOW 556K suppressor (Black) with appropriate flash hider, or
- HUXWRX FLOW 556K L S – Silver Magic (Black) with appropriate flash hider.

Suppressor shall be mounted to manufacturer specifications.

For product technical and purchase questions related to the HUXWRX Safety Co. equipment please contact the HUXWRX Mission Team at mission@huxwrx.com.

3.14 Mode of Fire

The weapon shall be semi-automatic.

3.15 Fire Selector

- The fire control selector shall be ambidextrous in design and be a single lever paddle mounted on the side of the receiver, adjacent to the rear pistol grip, thereby not requiring the shooter to significantly break their firing grip when actuating.
- The fire control selector shall be a rotary type and shall have two positions; SAFE and SEMI-AUTOMATIC and shall rotate manually without binding from one position to another when the hammer is cocked.

- The fire selector lever shall rotate 90 degrees from SAFE to SEMI-AUTOMATIC.
- The selector shall remain in place in each position by a perceptible spring detent load until manually reset.

With the hammer cocked, when the selector is placed in the "SAFE" position, it shall prevent the trigger from releasing the hammer so that the weapon is incapable of being fired.

When the selector is placed in the "SEMI AUTOMATIC" position, it shall have a disconnect, so that the weapon is capable of semi-automatic fire only (one shot with each pull of the trigger).

3.16 Trigger

- The trigger shall be a non-adjustable two stage trigger. Weight shall be 4.0 lbs. minimum and 6.5 lbs. maximum.
- The trigger shall have a smooth face and cannot be wider than the trigger guard. Any other controls (bolt catch/release, magazine/catch release, etc.) inside the area enclosed by the trigger guard are not acceptable.
- While utilizing gloves, the trigger shall not pinch the trigger finger between the trigger and the side of the receiver or between the trigger and the inside bottom of the trigger guard (see Note 1). Any manipulation/modification to the trigger guard to meet this requirement is not acceptable.

3.17 Charging Handle

- The charging handle shall be situated in the upper receiver.
- The charging handle shall not reciprocate with the bolt when the weapon is fired.
- The charging handle shall be capable of being operated with one hand while the shooters' other hand is grasping the pistol grip or forend grip.
- The charging handle shall be ambidextrous with a latch release system.

3.18 Bolt Hold-Open Device

- The rifle shall be equipped with a magazine activated bolt hold open device.
- The bolt hold open device shall also be capable of being activated manually by the operator.
- When the bolt hold open device is activated by the magazine follower and the magazine is subsequently removed, the bolt shall remain in the rear or open position.
- When the bolt is in the rear or open position and a full magazine is inserted, the bolt shall remain in the rear or open position until the operator manually activates the bolt catch.
- When the bolt hold open is released, the bolt shall return to the battery position.

- Adequate fencing around the bolt hold-open device is preferred.

3.19 Magazine

- The weapon magazine well shall be compatible with the **Magpul PMAG 30 AR/M4, 5.56x45 Magazine** (NSN 1005-01-628-5106 and NSN 1005-01-615-5169).
- The magazine release shall securely retain the magazine in the magazine well.
- The magazine (whether empty or full) shall fall free from the magazine well once the magazine release button is activated without any further operator assistance.
- The magazine release button shall be spring loaded, and the design of the receiver shall provide some shielding against inadvertent activation when placed against standard USSS uniform and/or body armor.
- The activation of the magazine release button shall be accomplished with minimum effort by the operator with only one hand.

3.20 Lower Receiver

The lower receiver shall be serialized and be warranted by the offeror for a minimum of 20,000 rounds.

3.21 Upper Receiver

The weapon shall be equipped with a Mil-Std-1913 Picatinny attachment rail on the top of the receiver for mounting of optics, iron sights, lasers, etc. (see Note 2).

3.22 Forend/Handguard

- The weapon shall have a modular free-floating handguard assembly measuring no less than 9.0 inches (measured along the 6:00 o'clock position of the rail), with no less than 8.0 inches of configurable rail (1913) mounting space at each of the 3:00, 6:00 and 9:00 o'clock positions. "Configurable rail mounting space" will be defined as the ability to interface Mil-Std-1913 attachments, either directly or through removable interface segments mounted via M-Lok.
- The handguard assembly shall have the ability to attach Mil-Std-1913 Picatinny rail segment along the length of the handguard at the 3:00, 6:00 and 9:00 o'clock positions simultaneously.
- The contractor shall provide enough rail segments, in 3, 5 or 7 slot aluminum M-Lok Rail Segments to cover the length of the handguard at the 3:00, 6:00 and 9:00 o'clock positions simultaneously.
- Handguards with permanently attached Mil-Std 1913 Picatinny rails sections, the length of the handguard at the 3:00, 6:00 and 9:00 o'clock positions shall also be considered.

- The handguard assembly shall have the ability to attach a QD sling swivel at any point along the 3:00 or 9:00 o'clock position of the rail in conjunction with the rail segments. Handguards with permanently attached QD swivel sockets at the 3:00 and 9:00 o'clock position will be considered but shall be in accordance with 3.29.
- When assembled to the weapon, the uppermost rail of the free-floating handguard assembly shall align and be at the same height as the rail on the receiver. A one-piece receiver/handguard assembly is acceptable if the barrel is free-floating, the above rail positioning interfaces are present, and handguard portion meets the minimum length requirement (see Note 2).

3.23 Pistol Grip

- The rear pistol grip shall be securely attached to the lower portion of the receiver and shall not interfere with the operation of the selector lever.
- The rifle shall be equipped with the **MAGPUL MIAD GEN 1.1 Grip Kit – Type 1 #MAG520**, black in color.

3.24 Buttstock

- The rifle shall be equipped with the **MAGPUL CTR Carbine Stock #MAG310.L**.
- Affixed to the rifle with a folding stock adapter.
- Black in color.

3.25 Sling Mount

The weapon shall be supplied with means to mount a sling via quick-detach (QD) swivels in the following locations:

a. Rear area of the receiver.
b. Forward end of the handguard.

All sling mounting/attachment points shall be rotation limited (4-position) quick detach cups, to allow interface with quick detach push button swivels.

3.26 First Article Test (FAT) Samples (post award)

The sample size for the FAT submittal shall be ten (10) firearms and seven (7) magazines per firearm.

The specifications described in this SOW will serve as the FAT and will be verified for FAT samples received under this contract. All FAT samples must:

- Meet the requirements set forth in the solicitation; and
- Exhibit performance that is comparable to what was demonstrated during solicitation testing for all requirements during FAT.

The Government reserves the right to decrease the amount of testing it performs under the FAT protocols. All samples submitted pursuant to FAT shall become property of the USSS and will not be returned.

The Government may invoke its right to require the Contractor to conduct a FAT for the following conditions:

a. First ten (10) production samples after solicitation.

b. Design change of the firearm or components.

c. Design change of manufacturer's production process and/or equipment.

d. Relocation of manufacturer's production facility.

e. Major firearm quality defects, recalls, and/or any other substandard performance issues.

f. A production lapse of six (6) months or more.

g. Manufacturer changes supplier of critical components (receiver, barrel, stock, and chassis).

The Government will be responsible for conducting the FAT if it is invoked for condition "a". The Contractor shall be responsible (under Government supervision) for conducting the FAT for all other conditions and shall be responsible for all associated expenses to include testing, shipping costs, administrative/processing costs, and any other expenses associated with FAT and/or firearm quality issues.

4.0 Notes
4.1:
The glove utilized for testing will be the Outdoor Research “Ironsight Sensor Glove”.

4.2:
Total length combined between the upper receiver and handguard must be at least 16.375 inches of Mil-Std-1913 Picatinny rail at the 12 o’clock position. Measurement will begin at the forward edge rear most slot and be measured to the forward edge of the foremost slot. Rail section spacing shall be continuous between the handguard and upper receiver.