9MM and 5.56 Training ammunition
Solicitation # 70US0926R70093723
Attachment 2

# Statement of Requirements

**Descriptions and Specifications**

1. General – This contract shall provide ammunition for the United States Secret Service for the 5 year ordering period.

2. Scope of Work – The requirements shall include the furnishing of small arms ammunition in accordance with the specifications listed. All ammunition furnished shall meet the minimum voluntary Industry Performance Standards for the Use of Commercial Manufacturers as stated by the American National Standards Institute (ANSI) and Sporting Arms and Ammunition Manufacturer's Institute, Inc. (SAAMI) unless otherwise noted in specification.

3. Minimum Shell Casing – Unless otherwise specified, shell case for all items must be brass or higher quality. All cases shall be of virgin condition. No reloaded or used shell cases will be accepted.

4. Primers –The contractor shall select the propellant and primer needed to achieve the minimum performance standards provided with specifications. The propellant and primer must be newly manufactured, within 12 months. All cartridges within one lot shall be loaded with the same propellant and the same lot of primers.

5. All ammunition furnished under this contract shall be no older than two years from the date of manufacture.

6. Non-toxic Ammunition – Offeror shall provide a complete list of components of the cartridges submitted sufficient to determine that the case, and projectile are non-toxic and produce non-toxic by-products. This information shall be provided in the form of a Material Safety Data Sheet (MSDS). The MSDS shall be provided on or before product sample submittal and at any time MSDS is changed due to component change.

7. Chamber Pressure – Chamber pressures must fall within SAAMI specifications for each submitted product. Unless otherwise stated in CLIN.

8. Packing and Packaging – Material shall be packed for shipment in such a manner that will insure acceptance by common carrier and safe delivery at destination. Containers and closures shall comply with the Interstate Commerce Commission Regulations, Uniform Freight Classification Rules, or regulations of other carriers as applicable to the mode of transportation.

9. Marking – Each carton and exterior shipping container shall be marked in accordance with Federal Standard 123 (Marking for Domestic Shipment) on the outside surface with nomenclature quantity, manufacturer's name, and lot number. The contract number and delivery order number shall also be marked on the outside surface of each exterior shipping container.

10. Packing List – A packing list or other suitable document shall accompany shipment and shall show (a) name and address of vendor, (b) name and address of consignee, (c) Government contract and delivery order number, (d) Government bill of Lading number covering shipment, if any, and (e) description of material shipped, including item number, quantity, number of containers, and package number, if any.

11. Acceptance – Final inspection, acceptance and testing shall be performed at the James J. Rowley Training Center, Laurel, Maryland. The U.S. Secret Service shall perform acceptance testing in accordance with the Statement of Work / Specifications under the contract. These tests shall be performed by the U.S. Secret Service on each shipment of ammunition received under this contract.

12. Ship all items to:
    U.S. Secret Service (RTC)
    Communications Center
    245 Murray Lane SW; MS #8192
    Washington, DC 20223
    ATTN: Duane Tomaszewski

## ITEM 001

**Caliber –** 9MM Blank (UTM compatible)

**Case** – Metallic

Minimum safe distance shall not be less than 15 feet when fired from a UTM modified Glock 19T Gen 5.

Cartridge shall be function tested in a UTM modified Glock 19T Gen 5

- Must function reliably in designated weapons

- Function tested in Glock 19 Gen 5 - Magazines will be loaded to capacity (15 rounds). The loaded magazine will be inserted into the test pistol its slide locked to the rear. The slide will be sent forward which will feed and chamber the first round. The weapon will be fired until both chamber and magazine are empty. The procedure shall repeat five (5) times, for a total of 75 rounds (Glock 19 Gen 5). If one malfunction occurs, (failure to feed, chamber, fire, extract, or eject), the test procedure will be repeated. If another malfunction occurs during the second test and is ammunition related, the lot shall be rejected.

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# ITEM 002, 003

**Caliber –** 5.56 Blank and 5.56 Blank Loud (UTM compatible)

**Case** – Metallic

Minimum safe distance shall not be less than 15 feet when fired from a Knight Armament SR 16 weapon utilizing an UTM AR15 5.56 MMR/Blank conversion kit (PN 01-3900)

Cartridge shall be function tested in a Knight Armament SR 16 weapon utilizing an UTM AR15 5.56 MMR/Blank conversion kit (PN 01-3900)

- Must function reliably in designated weapon

- Function tested in Knight Armament SR 16 weapon utilizing an UTM AR15 5.56 MMR/Blank conversion kit (PN 01-3900) - Thirty (30) cartridges shall be loaded into the magazine. The magazine will be inserted into the designated weapon. The bolt shall be opened, pulled to the rear and released forward, feeding a cartridge into the chamber. The weapon shall be fired until both magazine and chamber are empty. This process shall be repeated one (1) additional time for a total of sixty (60) cartridges. If one malfunction (failure to feed, chamber, fire, extract, or eject) occurs, the procedure shall be repeated. If another malfunction occurs during the second test, and is ammunition related, the lot shall be rejected.

# ITEM 004

**Cartridge –** 9MM Marking Round

**Projectile Mass –** 7 grains +/- 2 grain marking cartridge

**Projectile Material –** Plastic

**Casing** – Metallic

**Accuracy** – 10.00 inches at 20 yards

**Marking Compound** – non-toxic, detergent based, water washable, inert

**Marking Color** – must be available in minimum 4 colors (R, G, B, Y)

Cartridge shall be function tested in marking cartridge UTM modified Glock 19T Gen 5

- Must function reliably in designated weapons

- Function tested in Glock 19T Gen 5 - Magazines will be loaded to capacity (15 rounds). The loaded magazine will be inserted into the test pistol its slide locked to the rear. The slide will be sent forward which will feed and chamber the first round. The weapon will be fired until both chamber and magazine are empty. The

procedure shall repeat five (5) times, for a total of 75 rounds (Glock 19 Gen 5). If one malfunction occurs, (failure to feed, chamber, fire, extract, or eject), the test procedure will be repeated. If another malfunction occurs during the second test and is ammunition related, the lot shall be rejected.

## ITEM 005

**Cartridge –** 5.56 Marking Round (UTM compatible)

**Projectile Mass –** 7 grains +/- 1 grain marking cartridge

**Projectile Material –** Plastic

**Casing** – Metallic

**Accuracy** – 6.00 inches at 25 yards

**Marking Compound** – non-toxic, detergent based, water washable, inert

**Marking Color** – must be available in minimum 4 colors (R, G, B, Y)

- Must function reliably in designated weapon

- Function tested in Knight Armament SR 16 weapon utilizing an UTM AR15 5.56 MMR/Blank conversion kit (PN 01-3900) - Thirty (30) cartridges shall be loaded into the magazine. The magazine will be inserted into the designated weapon. The bolt shall be opened, pulled to the rear and released forward, feeding a cartridge into the chamber. The weapon shall be fired until both magazine and chamber are empty. This process shall be repeated one (1) additional time for a total of sixty (60) cartridges. If one malfunction (failure to feed, chamber, fire, extract, or eject) occurs, the procedure shall be repeated. If another malfunction occurs during the second test, and is ammunition related, the lot shall be rejected.

## ITEM 006

**Cartridge –** 9MM Non-Marking Round

**Projectile Mass –** 7 grains +/- 2 grain non marking cartridge

**Projectile Material –** Plastic

**Casing** – Metallic

**Accuracy** – 10.00 inches at 20 yards using a (4 inch barrel designed for the Glock 19)

**Marking Compound** – no marking compound

Cartridge shall be function tested in UTM modified Glock 19T Gen 5 weapons

- Must function reliably in designated weapons

- Function tested in Glock 19 Gen 5 - Magazines will be loaded to capacity (15 rounds). The loaded magazine will be inserted into the test pistol its slide locked to the rear. The slide will be sent forward which will feed and chamber the first round. The weapon will be fired until both chamber and magazine are empty. The procedure shall repeat five (5) times, for a total of 75 rounds (Glock 19 Gen 5). If one malfunction occurs, (failure to feed, chamber, fire, extract, or eject), the test procedure will be repeated. If another malfunction occurs during the second test and is ammunition related, the lot shall be rejected.

## ITEM 007

**Cartridge –** 5.56 Non-Marking Round (UTM compatible)

**Projectile Mass –** 7 grains +/- 1 grain non marking cartridge

**Projectile Material –** Plastic

**Casing** – Metallic

**Marking Compound** – no marking compound

- Must function reliably in designated weapon

- Function tested in Knight Armament SR 16 weapon utilizing an UTM AR15 5.56 MMR/Blank conversion kit (PN 01-3900) - Thirty (30) cartridges shall be loaded into the magazine. The magazine will be inserted into the designated weapon. The bolt shall be opened, pulled to the rear and released forward, feeding a cartridge into the chamber. The weapon shall be fired until both magazine and chamber are empty. This process shall be repeated one (1) additional time for a total of sixty (60) cartridges. If one malfunction (failure to feed, chamber, fire, extract, or eject) occurs, the procedure shall be repeated. If another malfunction occurs during the second test, and is ammunition related, the lot shall be rejected.

**ITEM 008**

SR conversion bolt (UTM compatible)

**ITEM 009**

SR conversion bolt firing pin (old)

**ITEM 010**

SR conversion bolt firing pin (new)

**ITEM 011**

SR Blue 30 Round Magazines

**ITEM 012**

Glock 19T Blank Barrel (UTM compatible)

**ITEM 013**

Glock 19T Marking Barrel (UTM compatible)

**ITEM 014**

Glock 17T Blank Barrel (UTM compatible)

**ITEM 015**

Glock 17T Marking Barrel (UTM compatible)

**ITEM 016**

Glock 26T Blank Barrel (UTM compatible)

**ITEM 017**

Glock 26T Marking Barrel (UTM compatible)