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Determination and Findings for a Single-Source Acquisition (RFO Part 12)

MEMORANDUM FOR THE RECORD

SUBJECT: Determination and Findings

Single-Source Acquisition for SMASH 2000L Enhanced FCS for M4

1. Identification of Agency and Contracting Activity:

Agency: Department of the Air Force

Contracting Activity: 27th Special Operations Contracting Squadron - Commodities and Services Flight

Purchase Request Number: F1L3SF6126A001

2. Nature and Description of the Action Being Approved:

This Determination and Findings (D&F) authorize the solicitation from a single source, Smart Shooter Inc., for the acquisition of (20) SMASH 2000L Enhanced FCS for M4, (2) 12-Month Set of Spares for O/L Maintenance based on 10 systems per set, and (1) 2-days Training session for up to 15 trainees. The total estimated value of this acquisition is $239,368.00, which is at or below the Simplified Acquisition Threshold (SAT). This action will be conducted using the procedures set forth in the Revolutionary FAR Overhaul (RFO) Part 12, Simplified Procedures.

3. Citation of Applicable Statutory and/or Regulatory Authority:

The authority for this action is RFO 12.102(a), which permits soliciting from a single source or brand name if the Contracting Officer determines that the circumstances of the contract action deem only one source reasonably available.

4. Findings:

There is no other device or system on the market that provides that capability that the SMASH 2000L provides. Specifically with the Active Trigger-Intervention and Computer-Vision Drone tracking capabilities, the most important specifications required to counter the increasing sUAS threat. No other brand eliminates the human reaction time like the SmartShooter brand does by preventing the trigger from being pulled until the barrel is mathematically aligned with the target. Below are more rationale as to why Smart Shooter must be the selected vendor.

1. Active Trigger-Intervention (The Fire-Block Mechanism) - Critical for Probability of Hit and Collateral Damage Mitigation
· The Mission Impact: This is the most critical feature. A human's average reaction time to pull a trigger is roughly 0.25 seconds. In that quarter of a second, a racing or kamikaze drone moving at 60 mph has already moved 22 feet. Even if an optic perfectly calculates where to shoot, if it relies on a human to pull the trigger at the exact right millisecond, the shooter will miss.
· The "Why": The Fire-Block mechanism algorithmically eliminates this human reaction delay. By withholding the weapon's discharge until the barrel is mathematically aligned with the drone's future flight path, it raises the Probability of Hit (Ph) from less than 15% to over 80%. Without this, defenders are forced into "volley fire," filling the air with

Market research was conducted on 11-Jun-2026 through 16-Jun-2026

Based on market research including a review of commercial product literature and industry capabilities, it has been determined that Smart Shooter is the only vendor capable of providing a dismounted Counter-sUAS optic that meets the Government’s critical performance requirements. While other optics on the market offer advanced ballistic calculation or disturbed reticles, only the Smart Shooter SMASH system possesses the requisite combination of Active Trigger-Intervention (fire-block mechanism), Computer-Vision target tracking, and a completely non-permanent drop-in M4 retrofit. This research confirmed that no other sources are available to meet the Government's requirement.

5. Determination:

Based on the findings detailed above, I hereby determine that the circumstances of this contract action make only one source reasonably available to satisfy the Government's needs. Therefore, a single-source acquisition under the authority of RFO 12.102(a) is justified and in the best interest of the Government.

6. Expiration Date:

This is a D&F for an individual contract action; therefore, an expiration date is not applicable.

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Contracting Officer