**STATEMENT OF WORK (SOW)**

Project Title: Grand Bay Range Pop-Up Targets and Control System Acquisition
Location: Grand Bay Range, Moody Air Force Base (AFB), GA

**1.0 Background**

Grand Bay Range, located at Moody AFB, GA, currently utilizes a target system originally provided by the now-defunct ATA Defense Industries to support helicopter aerial gunnery training. To maintain and enhance training capabilities, Grand Bay Range requires a modernized, augmented target system consisting of new pop-up targets, ancillary equipment, control hardware, and management software.

**2.0 Scope**

The Contractor shall provide all hardware, software, ancillary equipment, frames, and training necessary to deliver nineteen (19) new pop-up targets, a dependable long-range wireless communications network, and a comprehensive remote-control system. Furthermore, the Contractor shall provide upgrade options to integrate and ensure compatibility with existing, on-hand ATA pop-up targets and chassis.

**3.0 Specific Requirements**

**3.1 Target Hardware Specifications**

- Quantity: The Contractor shall deliver nineteen (19) new pop-up targets with all associated hardware.
- Form Factor: The new pop-up targets must closely mirror the existing ATA "PIT" target design, form factor, and size to ensure seamless fitment into current protected target berms.
- Power Supply: All target components must be exclusively battery-powered.

**3.2 Control Systems and Software**

The Contractor shall provide control devices and software capable of operating the entire target system.

- Hardware Devices:
    - Two (2) control tablets/pads designated for operator use at the range tower.
    - Three (3) hand-held controllers designated for maintenance personnel.
    - All handheld and tablet control devices must be battery-powered.

- Software Capabilities: The control software installed on the tablets and hand-held devices must provide the following functionalities from the range tower:
    - Accurate scoring and reporting of target hits.
    - Control of background lighting effects.
    - Selection and triggering of simulated return gunfire indication modes.
    - Real-time reporting and monitoring of target battery power levels.

**3.3 Communications Network**

- Range and Reliability: The system shall utilize a dependable wireless long-range communications network (e.g., WIFI) establishing a minimum two (2) mile range between the range tower and the pop-up target placement areas. All targets must be fully functional and controllable at the target location areas.
- Power Supply: Communications relays and associated network components may be solar-powered or battery-powered.

**3.4 Legacy System Integration / Upgrade Options**

- The Contractor shall provide system upgrade options and required hardware/software to make existing, on-hand ATA pop-up targets and chassis fully compatible with the newly provided targets, communications network, and remote control software.

**4.0 Training**

- Operations & Maintenance: The selected Contractor shall provide comprehensive maintenance and operations training to designated Grand Bay Range personnel. Training will cover routine operations, system troubleshooting, battery/solar maintenance, and software utilization.

**5.0 Place of Performance**

All hardware delivery, installation (if applicable), and training shall take place at:
Grand Bay Range
Moody AFB, GA [Insert specific Zip/Location code if needed]

**6.0 Deliverables Schedule**

| Deliverable | Description | Quantity |
|---|---|---|

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|---|---|---|
| New Pop-Up Targets | ATA "PIT" style battery-powered targets | 19 |
| Range Tower Controllers | Battery-powered control tablets/pads with software | 2 |
| Maintenance Controllers | Battery-powered hand-held controllers with software | 3 |
| Communications Network | Wireless network components (WIFI, min 2-mile range, solar/battery) | 1 Lot |
| Legacy Upgrade Package | Hardware/software options to integrate existing ATA targets | 1 Lot |
| Training | Maintenance and Operations instruction for range personnel | 1 Session |