Statement of Work (SOW)

24 June 2026

Project Title: Dalton Mountain Multi-Use (DMMU) MAT8 Mover Wall Replacement.
For: *Fort Hood, Texas*

1.0 Background: Fort Hood is a world-class, commander-centric, combat-focused installation whose primary focus is supporting commanders preparing their units for assigned missions, overseas or domestically. Fort Hood is one of the largest United States military installations in the world and is the home of III Corps, 1st Cavalry Division, 13th Expeditionary Sustainment Command (13 ESC), First Army Division West, 3rd Cavalry Regiment, and other units. The installation serves as the primary Training Platform for the above units; however, Fort Hood also supports a variety of training units to include pre-deployment training site for all branches of our military preparing for a variety of operating environments including Iraq, Afghanistan, Kosovo, and Africa as well as preparing for our homeland defense missions. Fort Hood's commitment to training support excellence is also extended to law enforcement professionals and other Government agencies at the federal, state, and local levels.

1.1. Problem Statement: The Dalton Mountain Multi-use (DMMU) Range capability is degraded and requires repairs and modernization to meet unit training requirements.

2.0 Scope: This Statement of Work (SOW) requires the procurement of material and labor to design and execute repairs DMMU Range on Fort Hood, Texas. These repairs include some level of work on the following range infrastructure:

[BASE BID] Repair by Replacement one (1) Moving Armor Target (MAT) emplacement timber replacement with Bin Block and one top timber at MAT8 and achieve 72-inch wall height.

OPTIONAL TASKS:
[Option Task #1] Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block and one top timber at MAT2 and achieve 72-inch wall height, one top timber and run power to opposite end of mover for charging station and RLM.
[Option Task #2] Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block with one top timber at MAT4 and achieve 72-inch wall height.
[Option Task #3] Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block with one top timber at MAT6 and achieve 72-inch wall height.
[Option Task #4] Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT8

[Option Task #5] Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT2.
[Option Task #6] Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT4.
[Option Task #7] Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT6.
[Option Task #8] Furnish and install Three (3) Replace Range Limit Markers (RLMs).
[Option Task #9] Replace Timbers with Bin Block at two (2) power centers.
[Option Task #10] Furnish ten (10) Portable Armor Targets.
[Option Task #11] Design and Construct eleven (11) Concrete at Pads Ammo Points
[Option Task #12] Cement Stabilize soil at ten (10) Ammo Points.
[Option Task #13] Construct one (1) water point.
[Option Task #14] Replace Fifty-Eight (59) SAT timbers with Mafia Block.
[Option Task #15] Furnish and install Two (2) gates.
[Option Task #16] Targetry Parts.
[Option Task #17] 6.8mm Target Berm Protection Upgrades.
[Option Task #18] Replace sixteen (16) Small Arms Range Firing Positions.

2.1 <u>Contractor qualifications</u>: Experience with Live Fire Range Design Build Projects, Military Experienced Master Gunner on staff and on site with the Additional Skill Identifiers (ASI): A8 - Master Gunner M1/M1A1 Tank or J3 - Bradley Fighting Vehicle System Master Gunner. Good understanding of Training Circular TC25-8.

2.2 <u>Proposal Requirements: Design and Construction Plan:</u> The Contractor's proposal shall include a comprehensive plan detailing their fast-track approach to achieving required design and material readiness for the commencement of physical construction onsite by **November 23, 2026.** This plan shall specifically address the following, leveraging a rapid design development methodology:

2.2.1 <u>Design-Build Rapid Design Development Plan:</u>

- Outline the Contractor's proposed rapid design development process, including key milestones, deliverables, and a detailed schedule for achieving 100% design completion by the specified date.
- Describe the iterative design review process with the Government, emphasizing how the Contractor will incorporate feedback efficiently to meet the aggressive timeline.
- Identify the resources (personnel, software, etc.) dedicated to the rapid design development phase to ensure timely completion.

2.2.2. <u>Material Procurement and Logistics Plan:</u>

- Provide a detailed plan for the procurement, fabrication, and delivery of all necessary materials to ensure they are ready for physical construction onsite by **November 23, 2026.**
- Address long-lead time items and the strategies to mitigate potential delays.

- Describe the proposed staging and storage of materials, including any pre-construction activities that may occur prior to **November 23, 2026**.

2.2.3. <u>Construction Schedule and Phasing (Onsite):</u>

- Present a detailed schedule for the actual physical construction work onsite, commencing on **November 23, 2026**, and concluding on **January 21, 2027**. This represents a duration of **60 calendar days**.
- The schedule shall show how option tasks are to be performed in the event they are awarded.
- The schedule shall clearly delineate major construction phases, critical path activities, and estimated durations for each.

2.2.4. <u>Government Responsiveness Acknowledgment:</u> The Contractor acknowledges that the Government commits to providing responses to design submittals, review comments, and Requests for Information (RFIs) within three (3) business days of receipt. The Contractor's proposed plan shall demonstrate how their internal processes and schedule account for and leverage this commitment to maintain project momentum.

2.2.5. <u>Assumptions:</u> This proposal is predicated on a contract award date no later than **September 21, 2026.**

3.0 <u>Applicable Documents/References:</u> Training Circular (TC) 25-8 - Ranges, TC 25-1 - Training Land, Department of the Army Pamphlet 385-63 - Range Safety, Army Regulation (AR) 350-19 - The Army Sustainable Range Program, 18 United States Code (USC) § 1382 - Entering military, naval, or Coast Guard property, Department of Defense (DoD) Manual 5205.02 - DoD Operations Security (OPSEC) Program Manual, DoD 8570.01.M - Information Assurance Workforce Improvement Program, Huntsville Corps of Engineer Range Design Guide, Fort Hood Range Development Plan, Unified Facilities Criteria (UFC) 3-220-04FA – Backfill for Subsurface Structures, and Unified Facilities Guide Specifications (UFGS) 31 23 00.00 20 - Excavation and Fill. Texas Department of Transportation (TXDOT) Concrete Repair Manual.

4.0 <u>Tasks:</u>

4.1. Task 1: Preconstruction Activities:

4.1.1. Determine specific requirements for project site access by the Contractor.
4.1.2. Determine existing environmental and soil conditions, obtain “as-built” documents, and take photographs/surveys as required.
4.1.3. Determine distance and accessibility of utilities.
4.1.4. Obtain dig permit allowing thirty (30) calendar days for approval. SWPPP is not required for this project.
4.1.5. Identify stakeholders for the project and establish the communication matrix between the

Contractor and the Government.
4.1.6. If any major discrepancies are determined, documentation shall be provided and discussed with all required stakeholders no later than five (5) calendar days from pre-construction site visit.
4.1.7. UXO Clearance not required.
4.1.8. Actual Physical Work on DMMU shall not begin before **23 November 2026 and shall be complete on 21 January 2027, 60 calendar days.**
4.1.9. Additional access to the DMMU project sites, forward and behind the LOA, shall be allowed as follows:

4.1.9.1. During mandatory shutdown periods. See EXHIBIT N – Mandatory Shutdown Times.
4.1.9.2. Other periods not specified consistent with training requirements and prior coordination with the Contracting Officers Representative (COR).

4.1.10. The Contractor is encouraged to use attached EXHIBIT A - FTHOOD_DMMU_Aerial.pdf and mobile APP "AVENZA Maps" to assist in navigation of the range. EXHIBIT A is a geo-referenced map. See EXHIBIT B – DMMU Range Location Map for DMMU Location.
4.1.11. All dimensions referenced in this document are for planning purposes and are to be considered "Approximate". See EXHIBIT C – DMMU SUMMARY MATs Power Centers RLMs.pdf for a quick reference of the site.

4.2. Task 2: Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block with one top timber at MAT8 and achieve 72-inch wall height:
Current MAT wall height is not sufficient to protect target mechanisms and infrastructure is not sufficient to support requirements for aviation live fire.

4.2.1. General Requirements:

4.2.1.1. Contractor to provide design 72-inch MAT Wall using Bin-Block with a single top timber, target Protection Berm protection against 120mm (EXHIBIT K - Target Protection - July 2017) , a flex base target rail bed, a flex base service road and drainage ditch. EXHIBIT F - 1984 DMMU Asbuilts for existing conditions and EXHIBIT J - Moving Armor Target (MAT) - Aug2017. see EXHIBIT E – DMMU MAT System locations and existing conditions.
4.2.1.2. See EXHIBIT R -DMMU Target designation reference TAB A – Moving Armored Targets (MATs) for current target designation.
4.2.1.3. See EXHIBIT C – DMMU SUMMARY MATs Power Centers RLMs for a quick reference of the site.
4.2.1.4. Soil testing, compaction densities shall be required on this project. Samples may be obtained of existing material on range prior to actual start of physical construction.
4.2.1.5. Targetry and rail installed by others.

4.2.2. Demolition:

4.2.2.1. Remove all target rail, bus bar system, railroad ties and wall timbers to be disposed of by contractor. Removed ballast may be backfilled behind new wall or stockpiled within 500 meters of the MAT as designated by the COR.

4.2.3. Earthwork:

4.2.3.1. Compact MAT rail and service road subgrade to 90% compaction density. Place geotechnical fabric at the sub-grade, then place 6" of flex-base compacted to 95% maximum density, with 2% slope away from MAT wall. Flex-base specifications (use TXDOT Specification Item 247, Flexible Base, Grade 1-2, Type A https://ftp.dot.state.tx.us/pub/txdot-info/cmd/cserve/specs/2014/standard/s247.pdf).
4.2.3.2. Regrade drainage ditch and adjust culverts as needed.

4.2.4. Site Restoration: The Contractor shall provide all supervision, equipment, labor, tools, and furnish all materials, necessary to restore the construction site to preexisting conditions.

4.2.4.1. The Contractor shall use Fort Hood Range Seed Mix specifications. See EXHIBIT M - Species List for Range Seed. Watering plan shall need to be implemented until establishment of vegetation defined as 90% coverage after first mowing. Watering may be accomplished during mandatory shutdown reference EXHIBIT N – Mandatory Shutdown times.

4.3. Bid Options:

4.3.1. Option Task 1: Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block and one top timber at MAT2 and achieve 72-inch wall height, one top timber and run power to opposite end of mover for charging station and RLM. Electrical shall be single phase in ridged conduit with load center and non-GFCI outlet with in-use cover. Design, Demolition and all required earth work to establish a 72-inch Bin-Block wall as stated in base bid, Task 2. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). The Government will extend the period of performance by 45 calendar days for the first option task awarded for Repair by Replacement of one MAT emplacement starting 22 January 2027 and 30 calendar days for each subsequent MAT wall emplacement option task awarded (second or third), allowing these tasks to run concurrently with the base bid.

4.3.2. Option Task 2: Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block with one top timber at MAT4 and achieve 72-inch wall height. Design, Demolition and all required earth work to establish a 72-inch Bin-Block wall as stated in base bid, Task 2. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). The Government will extend the period of performance by 45 calendar days for the first option task awarded for Repair by Replacement of one MAT emplacement starting 22 January 2027 and 30 calendar days for each subsequent MAT wall emplacement option task awarded (second or third), allowing these tasks to run concurrently with the base bid.

4.3.3. Option Task 3: Repair by Replacement one (1) Moving Armor Target (MAT) emplacement Timbers replacement with Bin-Block with one top timber at MAT6 and achieve 72-inch wall height. Design, Demolition and all required earth work to establish a 72-inch Bin-Block wall as stated in base bid, Task 2. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). The Government will extend the period of performance by 45 calendar days for the first option task awarded for Repair by Replacement of one MAT emplacement starting 22 January 2027 and 30 calendar days for each subsequent MAT wall emplacement option task awarded (second or third), allowing these tasks to run concurrently with the base bid.

4.3.4. Option Task 4: Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT8. Repair by Replacement, one (1) Moving Armor Target (MAT) systems on DMMU range. The contractor shall procure, install and integrate one (1) MAT mechanisms and associated track ensuring they can operate with the current Targetry Range Automated Control and Recording (TRACER) systems and are able to integrate forward to the new system (TRACER 2) as part of FASIT II compliance. All target mechanisms shall be protected from direct aviation fire in accordance with TC25-8 and existing conditions. No work on MAT Wall or Berm is required for this work under this option. The length of rail replacement shall be in kind as existing. see EXHIBIT E – DMMU MAT System locations and existing conditions. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Installation of target equipment shall take no longer than 14-calendar days of actual physical work on site. 180 calendar days will be allowed from the date of award in additional time under this contract for this activity only for procurement of equipment.

4.3.4.1. The Moving Armor Target System consists of a fully automated self-propelled carriage on a rail system, enabling the target silhouette to traverse smoothly from right to left and vice versa at different speeds and directions. Rugged and weather resistant. Support full size target silhouettes. The MAT system shall be versatile, capable of adjusting to curved layouts and terrain elevation variances. See EXHIBIT O – TC25-8 Minimum MAT Specification Requirements.

4.3.4.2. The contractor shall prepare the locations for installation to include the required surfaces and anchoring for full MAT function.

4.3.4.3. For sustainability purposes, the MAT System shall be by Future Army System of Integrated Targets (FASIT), U.S. Army system of record.

4.3.4.4. MAT batteries shall be lithium-Ion. Also, docking station on the rail system to recharge these batteries without removing them. Each MAT emplacement has power and data. Data controls shall be wirelessly connected between the mover and emplacement.

4.3.4.5. FASIT COMPLIANCE: All hardware, including connectors and cables are compliant to the stated and derived requirements of the FASIT Performance Specification. The system interoperates with the control software via the FASIT PD ICD.

4.3.4.6. BATTLE EFFECTS SIMULATOR (BES): The MAT system shall be BES compatible.

4.3.4.7. CONVENTIONAL HIT COUNTING: The armor silhouette shall be equipped with contact hit sensors that count all mechanical hits on the silhouette by an incoming projectile. The sensors record the hits of all calibers of live-fire ammunition. The sensors record subsonic and supersonic ballistic strikes of all calibers of live-fire ammunition and even training ammunition. The sensors include hit detection sensitivity adjustment It enables the adjustment of hit sensitivity so that only impacts from a projectile above an established threshold are counted as a hit. The sensors support single shot and burst mode. In the burst mode, a burst of fire is counted as a single hit.

4.3.4.8. BUILT-IN-TEST STATUS IDENTIFICATION: The target system provides local Built-In-Test {BIT) status identification, an initial status information and operational feedback to the control system. A display at the target system shows maintenance information (e.g. target type & firmware version, BIT status, COM address & COM status. supply voltage, error messages, status of the contact hit sensor, total hit count, target holder position). The display enables the troubleshooting of the system to isolate faults before extended maintenance services shall be done.

4.3.4.9. TARGET CONTROLLER: The system uses a target controller for communication with the range control network. The controller includes firmware that enables precise configuration of the system. Various settings to modify training scenarios such as presentation time, hits to kill or the hit counting mode can be programmed manually at the system or with the control system.

4.3.4.10. Government Acceptance Testing (GAT) full functionality test from the tower of each MAT Using Targetry Range Automated Control and Recording (TRACR) version one consisting of:

4.3.4.10.1. Moving & Stopping.
4.3.4.10.2. Lifting and lowering the target silhouette.
4.3.4.10.3. Lowering the silhouette after registration of a hit.
4.3.4.10.4. Lowering the silhouette after registration of a predefined number of hits.
4.3.4.10.5. Lowering the silhouette after registration of a hit and automatically re-exposing the silhouette.
4.3.4.10.6. Forward and Reverse movement at varying speeds.
4.3.4.10.7. Stop and braking performance.
4.3.4.10.8. Track limits detection.
4.3.4.10.9. Expose, conceal, and hit direction.
4.3.4.10.10. Concurrent activities (exposing and movement).

4.3.4.11. Conduct a functional test of each MAT to ensure communications, performance, and compatibility between the target and TRACR range control system is satisfactory. The contractor shall coordinate with the COR to observe the testing, if desired.

4.3.4.12. Conduct a functional test of each MAT to ensure communications, performance, and compatibility between the target and TRACR range control system is satisfactory. The contractor shall coordinate with the COR to observe the testing, if desired.

4.3.4.13. The contractor shall supply a two (2) year warranty that includes all parts and labor. The warranty does not include acts of God (fire, floods, lightning, tornadoes, etc.).

4.3.4.14. Assistant COR for this Task Option will be Chad C. Walker with Range Operations. 254-553-6397, E-mail: chad.c.walker3.civ@army.mil

4.3.4.15. The contractor shall schedule installation of MAT systems a minimum of 6 months out so that the range may be properly scheduled and surface danger zone (SDZ) deconflicted. This will be in the form of a schedule showing installation by range and MAT showing duration.

4.3.5. Option Task 5: Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT2. Work under this option task shall be the same as stated for Option Task 4. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Installation of target equipment shall take no longer than 7-calendar days of actual physical work on site. 180 calendar days will be allowed from the date of award in additional time under this contract for this activity only for procurement of equipment.

4.3.6. Option Task 6: Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT4. Work under this option task shall be the same as stated for Option Task 4. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Installation of target equipment shall take no longer than 7-calendar days of actual physical work on site. 180 calendar days will be allowed from the date of award in additional time under this contract for this activity only for procurement of equipment.

4.3.7. Option Task 7: Furnish and install one (1) FASIT BOI MAT Target Equipment at MAT6. Work under this option task shall be the same as stated for Option Task 4. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Installation of target equipment shall take no longer than 7-calendar days of actual physical work on site. 180 calendar days will be allowed from the date of award in additional time under this contract for this activity only for procurement of equipment.

4.3.8. Option Task 8: Replace three (3) Range Limit Markers (RLMs) West of MAT2, East of MAT8 and North of SAT14. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). No additional time will be added to POP if the option is awarded. See EXHIBIT G - Range Limit Marker Design.

4.3.8.1. Demo and replace: three (3) RLMs. West end of MAT2 14R PV 21214 69183, East end of MAT8 at 14R PV 23134 68809 and one North of SAT14 at 14R PV 22437 69510.
4.3.8.2. All RLMs shall be 16-foot tall.
4.3.8.3. All RLM shall be made of heavy-duty aluminum and allowed to be tilt-down with balanced counterweight for maintenance activities.
4.3.8.4. All RLM signs shall be surfaced with marine grade plywood to facilitate attachment (stapling) of passive thermal devices by others. The aluminum arrow shall be wrapped with TXDOT approved orange reflective signage wrap.

4.3.8.5. Provide ten (10) new RLM Lights L-810(L), MKR-LTG1-0IR with external dusk to dawn controller for each, to replace any non-functional lights. Unused lights will be turned over to the government.

4.3.9. Option Task 9: Replace Timbers with Bin Block at two (2) power centers. The contractor shall clear all vegetation growth and replace side timbers with Bin Block. The front concrete wall to remain as is. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). No additional time will be allowed for this option task. Replace fire damaged electrical and load center of North most power center. For locations of power centers see EXHIBIT C – DMMU SUMMARY MATs Power Centers RLMs

4.3.10. Option Task 10: Procurement ten (10) Portable Armored Target System for Live-Fire Training. The contractor shall provide a complete, turnkey Portable Armored Target System. This includes the delivery, integration, and testing of all hardware, software, and networking components required to field a fully functional system. The system shall consist of ten (10) portable armored targets, a ruggedized mesh Wi-Fi network, and ruggedized tablets for command and control, all fully integrated with the Government-Furnished TRACR II software. See EXHIBIT H- Portable HSAT Specifications. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). 180 calendar days will be allowed in additional time from date of award under this contract for this activity only for procurement.

4.3.10.1. Background. Fort Hood, Texas requires a portable live-fire target system to establish temporary training ranges in various locations. This capability is essential for enhancing soldier marksmanship and tactical readiness in diverse operational environments. The system shall be rapidly deployable, remotely controlled, and integrate with the existing Army standard for range control software, Targetry Range Automated Control and Recording (TRACR) II.

4.3.10.2. Applicable Documents. The following documents, of the issue in effect on the date of solicitation, form a part of this SOW to the extent specified herein.

4.3.10.2.1. MIL-STD-810G: Department of Defense Test Method Standard for Environmental Engineering Considerations and Laboratory Tests.

4.3.10.2.2. TRACR II ICD: Targetry Range Automated Control and Recording II Interface Control Document (to be provided as GFI).

4.3.10.3. Requirements. The contractor shall provide all personnel, equipment, materials, and services necessary to deliver the integrated target system defined in the following sections. See

4.3.10.3.1. Task 1: Hardware Procurement and Delivery.

4.3.10.3.1.1. Portable Armored Targets:

4.3.10.3.1.1.1. The contractor shall deliver ten (10) portable FASIT compliant armored targets.

4.3.10.3.1.1.2. Each target shall be capable of being transported and set up by no more than two (2) personnel.

4.3.10.3.1.1.3. Targets shall feature a "pop-up" and "fall-down" or similar actuation mechanism controllable via the network.

4.3.10.3.1.1.4. Each target shall be self-powered, using rechargeable batteries with a minimum operational life of 24 continuous hours See EXHIBIT H - Portable HSAT Specifications. All necessary charging equipment shall be provided for each target. Each target shall come with lithium-ion type battery.

4.3.10.3.1.1.5. Targets shall be capable of lifting 400-pound target on their own without a concrete slab as a counterweight.

4.3.10.3.1.1.6. Each target shall have an integrated power function to control power on and off for thermals as commanded from the Control Tablet to a separate power supply.

4.3.10.3.1.2. Portable Armored Target Protection Coffins:

4.3.10.3.1.2.1. Each target shall have portable armor protection coffin consisting of AR500 steel plate with lifting eyes. The AR500 plate steel shall be ¾-inch thick on the sides and 1-inch on the front. The front shall be tilted 45-degrees from the ground. See EXHIBIT L - Portable Armored Target Protection.

4.3.10.3.1.2.2. AR500 Steel has a Brinell Hardness Number (BHN) is between 477–534, It is high-carbon, abrasion-resistant alloy steel—not mild steel—that resists surface deformation from projectiles.

4.3.10.3.1.2.3. Mill Test Reports (MTR) from the manufacturer shall be submitted to the government to verify the BHN range after materials are received by the contractor.

4.3.10.3.1.3. Ruggedized Mesh Wi-Fi Network:

4.3.10.3.1.3.1. The contractor shall deliver one (1) complete mesh Wi-Fi network system. Shall be 902-928 MHz, with MAC addressing.

4.3.10.3.1.3.2. The network shall be comprised of ruggedized, weather-resistant nodes capable of outdoor operation in a variety of climates.

4.3.10.3.1.3.3. The network shall be self-forming and self-healing, providing reliable, low-latency connectivity for all 10 targets and control tablets over a minimum operational area of 2.5 km x 2.5 km.

4.3.10.3.1.3.4. The system shall include all necessary antennas, cabling, and power sources for a complete setup.

4.3.10.3.1.4. Ruggedized Control Tablets:

4.3.10.3.1.4.1. The contractor shall deliver five (2) ruggedized tablets for system control.

4.3.10.3.1.4.2. Tablets shall meet or exceed MIL-STD-810G standards for drops, water, and dust resistance.

4.3.10.3.1.4.3. Displays shall be sunlight-readable with a minimum screen size of 10 inches.

4.3.10.3.1.4.4. Each tablet shall be pre-loaded and configured with the necessary operating system and TRACR II control software.

4.3.10.3.1.4.5. Control Tablet shall have an integrated power function to turn thermal on and off.

4.3.10.3.2. Task 2: System Integration.

4.3.10.3.2.1. TRACR II Integration: The primary technical requirement of this contract is the seamless integration of all hardware with the Government-Furnished TRACR II software.

4.3.10.3.2.2. The contractor shall develop any necessary hardware interfaces, APIs, or software drivers to ensure the TRACR II software, running on the provided tablets, can command and control all target functions.

4.3.10.3.2.3. Control functions shall include, at a minimum: individual target up/down, all targets up/down, and receiving hit-detection feedback from the targets. Shall also include controlling the target thermals on and off.

4.3.10.3.3. Task 3: Testing and Verification.

4.3.10.3.3.1. Factory Acceptance Test (FAT): Prior to shipment, the contractor shall conduct a FAT at their facility to demonstrate that the complete system meets all requirements of this SOW. The Government reserves the right to witness the FAT.

4.3.10.3.3.2. Site Acceptance Test (SAT): Following delivery, the contractor shall conduct a SAT at a Government-designated location will be at Fort Hood Live-fire Range, to be determined. The SAT will demonstrate the full functionality of the system in a field environment, including ease of setup, network stability, live-fire and successful TRACR II control. At the conclusion of the SAT, the target systems will be transported to Range Operations, Building 56000 for inventory and receipt of targets system.

4.3.10.3.4. Task 4: Training. The contractor shall provide a 1 day training course for up to 10 Government personnel. The training shall cover system setup, operation, basic troubleshooting, and maintenance.

4.3.10.3.5. Task 5: Documentation & Warranty.

4.3.10.3.5.1. Documentation: The contractor shall deliver two (2) complete sets of technical manuals in both digital (PDF) and printed format. Manuals shall include operator instructions, maintenance procedures, and a complete parts list.

4.3.10.3.5.2. 4.5.2 Warranty: The contractor shall provide a minimum two (2) year warranty on all hardware and software components, covering defects in materials and workmanship.

4.3.10.4. Deliverables. The contractor shall deliver the following items in accordance with the project schedule:

	Item	Quantity
01	Portable Armored Targets	10
02	Ruggedized Mesh Wi-Fi Network System	1
03	Ruggedized Control Tablets (with software and data plan)	2
04	System Integration (TRACR II)	1
05	Factory Acceptance Test (FAT) Report	1
06	Site Acceptance Test (SAT)	1
07	Training Course	1
08	Technical Manuals	2 Sets
09	Lithium-Ion Batteries	10 Sets
10	AR500 portable armored target protection coffin	10
11	Battery Chargers	10

4.3.10.5. Assistant OSCOR for this Task Option will be Chad C. Walker with Range Operations. 254-553-6397, E-mail: chad.c.walker3.civ@army.mil

4.3.10.6. Government-Furnished Information/Equipment (GFI/GFE). The Government will provide the following to the contractor:

4.3.10.6.1. Access to a Government test site for the Site Acceptance Test (SAT).
4.3.10.6.2. Technical points of contact for the TRACR II program office.

4.3.11. Option Task 11: Design and Construct Eleven (11) Install Concrete Ammo Pads 13k Square feet. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). 270 calendar days will be allowed from date of award for this activity only, with only 14 calendar days allowed for actual physical work on site for each range.

4.3.11.1. For locations of concrete ammo pads see EXHIBIT Q – Range Locations for Concrete Ammo Points.
4.3.11.2. Concrete pad design shall be 10-inches thick with #5 steel reinforcement 12-inches each way minimum, with minimum 2% drainage slope, industry standards for control joints and doweled expansion joints. No joint sealant required. Grading at the concrete pad shall allow wheeled traffic to navigate smoothly on and off pad.

4.3.12. Option Task 12: Cement Stabilize soil at ten (10) Ammo Points 20K Square Feet Each. For Locations of Ranges and Ammo Pad see EXHIBIT R - Range Locations for Cement Stabilization at Ammo Points. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). 180 calendar days will be allowed from date of award for this activity only, with actual physical work on each range shall be 7 calendar days for each range as scheduled after award.

4.3.12.1. Mix cement, Ash Grove Type IL (Portland-Limestone Cement) in powdered form, spread at a rate of 50 lbs per square yard and mixed to a specified minimum depth of 10-inches, which is estimated to be approximately 5% by dry weight of materials. Cap with emulsification at a rate of 0.1 Gallon per square yard to act as a curing compound.
4.3.12.2. Contractor shall flatten the existing grade to be cement stabilized to allow drainage and prevent bird baths.

4.3.13. Option Task 13: Construct water point at Hargrove MOUT Facility (HMF): The purpose of this water point is to provide a reliable self-sustaining water source for firefighting activities using firefighting tanker trucks and helicopter using Bambi buckets. Water will be non-potable (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL) 365 calendar days will be allowed for this effort from Notice to Proceed for this effort only:

4.3.13.1. Industrial water well at, approximately 1,000-foot deep, producing a minimum of 100 gallons per minute flow rate. With well house which has a heating source during freezing weather. The pump will have a controller and a float switch at the concrete tank.

4.3.13.1.1. Well shall be installed IAW TCEQ standards by a TECQ licensed water well contractor.
4.3.13.1.2. There is an existing well, pump and pump house which is not

4.3.13.2. Provide three phase power to the site. These will need to be furnished and installed by Dominion Exergy paid for by the contractor.
4.3.13.3. Install Power Panel with required switches to control well pump and provide electrical supply to support heat source for well plumbing equipment, provide a lighting fixture, provide power to windsock light and exterior 110-volt GFCI outlet.
4.3.13.4. Install aviation windsock with light. Wind Sock shall be Hali-Brite, Inc. FAA Certified L807-S2-IN-120, size 2 or approved equal. Provide internal LED light, FAA Size 2 Wind Sock,(36-inches x 12 feet), L810 obstruction light. Center hinged stainless steel pole with winch. Provide steel reinforced pier as recommended by the manufacturer. Concrete pier shall not exceed 6-inches above finish ground.
4.3.13.5. Install two (2) aviation identification balls at the main power lines. These will need to be furnished and installed by Dominion Exergy. Paid for by the contractor.
4.3.13.6. Remove trees as indicated in EXHIBIT T – Water Point.
4.3.13.7. Provide an 81,000 galloon open top concrete water tank with an inside dimension 34-foot diameter, 12-foot-tall walls. Tank walls shall be 8-foot into the ground and extend 4-foot above finished ground, this tank will be used to supply water for helicopter Bambi bucket

firefighting. Paint top and side (12-inches) hi-visibility yellow paint strip around tank. Provide over flow on east side of tank. The contractor will be responsible for design.

4.3.13.8. Provide a hot dipped galvanized ladder inside tank flush with top of tank and antisnag design.

4.3.13.9. Provide two 30' wide double-swing gates at entrances with locking chain. See EXHIBIT D - Gate Design

4.3.13.10. Provide metal signage at gates "Authorized Personnel only", "Ground Guides required". total 6 signs. 6-inch tall lettering, black on white.

4.3.13.11. elevated water tank Install 5,000-gallon capacity fire water tank, with sight gauge, and appropriate plumbing to fill water tankers. The tank stand shall provide minimum 12-foot elevation above ground level to fill water tankers.

4.3.13.12. Install 8-foot tall metal, 1,000-linier feet of wildlife fencing with lockable 30-foot gate around concrete tank as indicated in EXHIBIT T – Water Point.

4.3.13.13. Cement stabilized surface soil 10-inches deep between tank and wildlife fence. Mix cement, Ash Grove Type IL in powdered form, spread at a rate of 50 lbs per square yard and mixed to a specified minimum depth of 10-inches, which, again, was estimated to be approximately 5% by dry weight of materials. Keep wet for curing for two days, then cap with emulsification at a rate of 0.1 Gallon per square yard as a curing compound.

4.3.14. Option Task 14: Replace timbers with BIN Block at Fifty-nine (59) SATs. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). See EXHIBIT I - Stationary ArmorTarget (SAT) - Aug2017. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). See EXHIBIT A - FTHOOD_DMMU_Aerial for locations of SATs. See EXHIBIT P -DMMU Target designation reference TAB B - Startionary Armored Targets (SATs) for cross reference from when targets were originally built. 106 calendar days will be allowed for actual physical work on site, starting 30 November 2026 and concluding on 7 March 2027.

4.3.14.1. Contractor to safeguard all electrical, grounding rods and grounding conductors.

4.3.14.2. Size of finished SAT emplacement shall be no smaller than existing SAT emplacement.

4.3.14.3. Contractor shall dispose of all timbers off the Fort Hood installation.

4.3.14.4. Contractor shall replace existing finish-grade material with minimum of 6-inches of clean rock ballast on filter fabric between the bin block and concrete pad.

4.3.15. Option Task 15: Furnish and install two (2) gates. Design and install 30-foot gates. See EXHIBIT D - Gate Design. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). No additional time will be added to POP if the option is awarded. Gates shall be painted yellow. Gates shall be installed at the following locations on DMMU near West Range Road:

4.3.15.1. 14R PV 21925 71030.

4.3.15.2. 14R PV 22143 71032.

4.3.16. Option Task 16: Furnish Target Spare Parts. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). 180 calendar days will be allowed from date of award for this activity only. Contractor shall lay out parts for organized joint inventory and acceptance at a location on Fort

Hood, to be determined. See "EXHIBIT S – Target Spare Parts" for list and quantity.

4.3.16.1. Assistant OSCOR for this Task Option will be Chad C. Walker with Range Operations. 254-553-6397, E-mail: chad.c.walker3.civ@army.mil

4.3.17. Option Task 17: increase Target Berm Protection on two-hundred forty-four (244) targets on Black Gap Rifle Charlie (BGRC) Small Arms Qualifications Range to allow newly fielded MX7, 6.8mm use. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Contractor shall perform actual physical work onsite starting 4 January 2027 and conclude on 5 February 2027 for this activity only, 33 Calendar days.

4.3.17.1. Each Stationary Infantry Target Coffin shall have armor protection installed in front of existing concrete coffin consisting of ½-inch AR500 steel plate. The AR500 plate steel shall be 2-foot by 6-foot, installed below grade at a 45-degree angle of the ground level and extend 1-inch above the concrete coffin front wall. Place two (2) concrete pavers at the lowest front portion of the AR500 plate to reduce chances of sinking. The back of AR500 steel plate shall bear on compacted backfill. AR500 steel plates extend 3-inches each side of concrete coffin. Contractor shall place the existing timber between the direction of fire and the AR500 steel plate.

4.3.17.2. AR500 Steel has a Brinell Hardness Number (BHN) is between 477–534, It is high-carbon, abrasion-resistant alloy steel—not mild steel—that resists surface deformation from projectiles.

4.3.17.3. Mill Test Reports (MTR) from the manufacturer shall be submitted to the government to verify the BHN range after materials are received by the contractor.

4.3.18. Option Task 18: Replace sixteen (16) Small Arms Range Firing Positions: Design and Replace Small Arms Qualification Firing Positions. (PLEASE PROPOSE SEPARATELY IN PRICE PROPOSAL). Contractor shall perform actual physical work onsite starting 4 January 2027 and conclude on 5 February 2027 for this activity only, 33 Calendar days. The exact range for this work will be identified at award. Range is located on Fort Hood. The exact range will be one of the following: CLEAR CREEK RIFLE ALPHA (CCRA), CLEAR CREEK RIFLE BRAVO (CCRB), PILOT KNOB RIFLE ALPHA (PKRA), BLACK GAP RIFLE CHARLIE (BGRC) or QUALIFICATION TRAINING RANGE (QTR). See EXHIBIT V - EXISTING CONDITIONS PHOTOS.

4.3.18.1. Demolition: all sixteen (16) existing concrete firing positions shall be demolished and removed from Fort Hood. For existing asbuilt drawings CLEAR CREEK RIFLE ALPHA (CCRA) is the same as shown in EXHIBIT Y - PKRA FIRING POSITION ASBUILT DRAWING. CLEAR CREEK RIFLE BRAVO (CCRB) see EXHIBIT X - CCRB FIRING POSITION ASBUILT DRAWING. PILOT KNOB RIFLE ALPHA (PKRA) see EXHIBIT Y - PKRA FIRING POSITION ASBUILT DRAWING. BLACK GAP RIFLE CHARLIE (BGRC) see EXHIBIT W - BGRC FIRING POSITION ASBUILT DRAWING and for QUALIFICATION TRAINING RANGE (QTR) see EXHIBIT Z - QTR FIRING POSITION ASBUILT DRAWING.

4.3.18.2. Design and Construction: The Contractor shall design and construct sixteen (16)

modified firing positions IAW EXHIBIT U - Firing Positions Revision 6. New firing positions to allow the barricade to be located at the concrete slab and allow firers to shoot from all positions at the concrete slab location. Top wall elevation of firing positions shall be same as existing. The new centerline and front wall location (firing line) of the walk-in foxhole shall be the same as existing.

4.3.18.3. Earthwork: The contractor shall import all topsoil and establish vegetation using seed IAW EXHIBIT M - Species List for Range Seed.

4.9.1. Site Visit and Kickoff Meeting: The Contractor shall coordinate a site visit and kickoff meeting (Date TBD) within five (5) calendar days after Notice to Proceed to establish the project communication matrix in preparation of an expeditious site adaptation and construction schedule. The SOW and conceptual drawings, if included in this SOW, shall be reviewed and clarifications made to establish the site adaptation and construction process timelines as well as the document exchange process requirements. The Contractor shall verify existing conditions affecting this project. This may be accomplished through field inspections, discussions with appropriate personnel, and by checking previous work and "as-built" drawings. If field inspections indicate minor discrepancies or missing information between the conceptual drawings provided and actual site conditions, the Contractor shall contact the Contracting Officer Representative (COR) or OSCOR immediately to report the discrepancies found. The Contractor shall provide written minutes of the kick-off meeting within three (3) business days.

4.9.2. The Contractor shall coordinate for and conduct a pre-design meeting during the kickoff meeting. This meeting shall provide the Contractor with final design directives from the OSCOR. The Contractor shall provide minutes of the predesign meeting within three (3) business days after the meeting.

4.9.3. The Contractor shall provide 65% and 100% design construction documents in accordance with the contractors Proposal Rapid Design Development Plan. Upon receipt of Government comments or approval, the Contractor shall schedule a teleconference to discuss design comments and questions.

4.9.4. The Contractor shall schedule a teleconference if no resubmission is required. Resubmission shall only be required if major design changes are requested by email which may or may not require a cost modification.

4.9.5. Post 100% design approval, the Contractor shall submit a submittal register for approval and submit on major construction materials for Government approval. The Government will return approvals or comments within three (3) business days.

4.9.6. The Contractor shall provide a pre-construction schedule beginning after the pre-design meeting, delivered every first and third week of each month, and completes at the pre-construction meeting held prior to commencement of project construction.

4.9.7. The Contractor shall provide a construction schedule five (5) calendar days prior to commencement of construction and provide updates the first and third week of each month until the project has been completed.

4.9.8. The Contractor shall request and coordinate a pre-construction meeting prior to the start of construction. The Contractor shall provide written minutes of the meeting within three (3) business days.

4.10. Construction Compliance Inspection (CCI):

4.10.1. The Government will perform a Construction Compliance Inspection (CCI) to assess construction progress and to identify problem areas with target interface items early to avoid costly and extensive corrective actions and project delays at the Target Interface Inspection (TII). Target interface items include all portions of construction that physically connect to the target equipment or provide for the protection of the equipment. The US Army TRADOC Capability Manger Ranges (TCM-Ranges) will schedule the CCI in conjunction with the RTLP MCX (HNC), the applicable Corps of Engineers District, Program Executive Office for Simulation, Training, Ranges & Instrumentation (PEO-STRI) -Tank Automotive & Armaments Command (TACOM)-Warren, the Installation, and the Major Command (MACOM) when construction has reached the point that the following items can be checked, see EXHIBIT V - CCI-TII Checklist Instructions and EXHIBIT W - CCI-TII Checklist - CCI – TII Instructions and Checklist. A minimum of one (1) of each type of target emplacement (mock-up is acceptable if preferred by the Contractor) shall be complete, including the installation of all electrical power equipment, all data equipment including power and data cables and conduits prior to the beginning of the construction period. The Contractor submittals for electrical equipment shall be based on Government inspection of target emplacements provided. In all cases, the data termination racks, and samples of the power and data cables and associated connectors shall be on site and available for inspection, but they do not have to be installed. Space shall be shown for the master data panel(s) and cable trays or wireways for routing cables to range operating system(s). A CCI Checklist has been developed to conduct this inspection. Any “required” items noted during the CCI shall be corrected prior to continuing to the next phase all other items shall be corrected in a timely manner.

4.10.2. Target Interface Inspection (TII):

4.10.2.1. The Government will perform a Target Interface Inspection (TII) when all target equipment interface points are completed and ready for inspection (usually around 90% – 95% construction completion or about thirty (30) days prior to the end of construction), see EXHIBIT V - CCI-TII Checklist Instructions and EXHIBIT W - CCI-TII Checklist - CCI – TII Instructions and Checklist. The US Army TRADOC Capability Manger Ranges (TCM-Ranges) will schedule the TII in conjunction with the RTLP MCX (HNC), the applicable Corps of Engineers District, the installation, the MACOM, PEO-STRI TACOM-Warren, and the target installation Contractor. All target emplacements shall be complete, including the installation of all electrical power equipment, and all data equipment including power and data cables and conduits. Power cables shall be connected to all associated electrical equipment and tested. At the target emplacements, data cables shall be terminated/ connected in the Master Target Data Panel (MTDP) and tested. At the range operations center, data cables shall be terminated/connected in the data termination rack (DTR) and tested. Cable tray(s) or wireway(s) for routing cables to range operating system(s) shall be

installed. 120/240V, 20A circuits shall be installed in junction boxes near the master data panel or the data termination rack. A TII Checklist has been developed to conduct this inspection. Any items noted during the TII shall be corrected prior to close out of the construction contract.

4.10.3. Target Emplacement Mock-Up.

4.10.3.1. Provide two (2) mock target SIT emplacements with all required electrical power and communication equipment prior to purchase of any electrical materials for target emplacements. Both mock-up emplacements shall contain all electrical components assembled on plywood of the dimensions of a SIT emplacement. One (1) mock-up shall be constructed with the equipment required in an emplacement that contains a Master Target Data Panel and the other emplacement shall be constructed with the equipment required in an emplacement that contains a Target Data Panel. The mock-up shall also contain all conduit, conduit fittings, and cable seal fittings required in typical emplacements. Provide enough wire and cables to complete all terminations inside the data enclosures. The mock-up emplacements shall be retained on site for the duration of the construction contract.

4.11. Task 9: Acceptance Phase:

4.11.1. Upon substantial completion of primary construction and installation, the Contractor shall coordinate with the COR three (3) business days prior to schedule pre-final inspection of the project.

4.11.2. The Contractor, when complete shall coordinate with the COR three (3) business days prior and conduct a final acceptance of the project.

4.11.3. Upon Government acceptance by the appointed COR, the Contractor's one-year warranty start date shall be established, and the Government will assume full responsibility for the Contractor provided components.

4.11.4. If identified during Design, the Contractor shall provide "as-built" drawings within forty-five (45) calendar days of Government acceptance.

5. <u>Deliverables and Schedule of Items:</u>

Deliverable/Paragraph Reference	Transmittal Form and Quantity	Schedule	Deliver To
Project Kickoff Meeting Para 4.9.1.	Contractor format E-mail	No later than (NLT) five (5) calendar days post Task Order award	COR
Pre-Design Meeting Para 4.9.2.	Contractor format E-mail	During the kickoff meeting	COR
65% Design Para 4.9.3.	Contractor format E-mail	IAW contractors Proposal Rapid Design Development Plan	COR
100% Design	Contractor format	IAW contractors Proposal Rapid	COR

Para 4.9.3.	E-mail	Design Development Plan	
Submittal Register Para 4.9.5.	Contractor format E-mail	Post 100% design approval	COR
Pre-Construction Schedule Para 4.9.6.	Contractor format E-mail	Beginning after pre-design meeting, then every first and third week of each month, and completes at the Pre-construction meeting	COR
Construction Schedule Para 4.9.7.	Contractor format E-mail	five (5) calendar days prior to commencement of construction	COR
Pre-Construction Meeting Para 4.9.8.	Contractor format E-mail	prior to the commencement of construction	COR
Meeting Minutes Para 4.9.1, 4.9.2, and 4.9.8.	Contractor format E-mail	Within seven (3) business days post meeting	COR
Pre-final inspection Para 4.11.1	Contractor format E-mail	NLT three (3) business days prior to completion of primary construction	COR
"As-built" Drawings Para 4.11.4.	Contractor format E-mail	Forty-five (45) calendar days post Government acceptance	COR
Daily Construction Reports Para 11.0	Contractor format E-mail	Upon the end of the first week of construction Until Government Acceptance of project	COR

6.0. <u>Place of Performance and Hours of Operation:</u>

6.1. Place of Performance. Tasks under this contract shall be performed at Government-owned facilities at Fort Hood, Texas.

6.2. Hours of Operations. The Contractor is permitted to work holidays and non-business hours as coordinated with COR.

7.0. **<u>Period of Performance (PoP):</u>** The PoP shall be from date of project award to **30 April 2027**. Actual Physical Construction Downrange **behind LOA 152 Calendar** days **beginning 30 November 2026** and completion date of physical work onsite **30 April 2027**. Forward of the LOA **12 February 2027 to 12 April 2027 (60 calendar days).** These dates are critical because work areas affect 8 other ranges.

8.0. <u>Travel:</u> N/A

9.0. <u>Contractor Excluded Responsibilities:</u>

9.1. Environmental Permits, to include a National Pollutant Discharge Elimination System Permit (NPDES), or the State's equivalent, are not required by the Contractor.

9.2. Final electrical connection and upsizing of electrical or communication infrastructure installed to the emplacements.

9.3. Testing, handling, and disposal of any hazardous materials.

10.0. **<u>Government Furnished Property (GFP) and Responsibilities:</u>** The Government will provide only the facilities, utilities, equipment, parts, supplies, and materials delineated in the SOW described herein as Government Furnished Property (GFP). GFP consists of facilities, utilities, equipment, materials, and information.

10.1. The Government will assist the Contractor with the identification and protection of existing utilities.

10.2. The Government will ensure there are no unexploded ordnance (UXO) in the construction area.

10.3. The Government will provide the REC.

10.4. Availability and Use of Utility Services:

10.4.1. In accordance with FAR Clause 52.236-14, Availability and Use of Utility Services, water and electricity are furnished by the Government for the Contractor's use at no charge and in the performance of construction work at the job site, but only to the extent that their use is necessary to complete the work and the utilities are readily available at the site. Any usage of these utilities beyond what is needed to complete construction work at the job site or exceeds that which is readily available at the job site, and approved for use by the Contracting Officer, shall be furnished by the Contractor at its own expense. These utilities are provided provisionally and only to the extent that is necessary to facilitate the work. This authority can be revoked if the Government witnesses that utilities are being wasted, e.g., lights being left on when no work is being done or water is being left on unattended for any extended amount of time. Failure of the Contractor to comply with this request to conserve and preserve these utilities will result in the Contractor entering into individual metering agreements at the job site and paying for the use of these utilities.

10.4.2. In reference to FAR Clause 52.236-10, Operations and Storage Areas, SHOULD the Contractor be AUTHORIZED to establish a field operations office or a temporary staging area under this contract, it shall be responsible for consumption of available utilities. Prior to commencement of work under the contract, the Contractor shall sign a utility metering agreement with the Directorate of Public Works Utilities Section, Bldg. 4612 on 77th Street and Santa Fe Avenue. Prior to final payment under the contract, the Contractor shall pay any outstanding utility charges and provide a copy of the paid invoice to the Contracting Officer as evidence of compliance. If the solicitation does not provide for such arrangements, and the Contractor did not receive separate approval for the establishment of such facilities/space from the Contracting Officer, no such authorization is assumed. Any costs incurred for the establishment of field operations facilities after contract award are made solely at the Contractor’s cost, and without compensation by the Government. There shall be no squatting on the job site.

11.0. Reports: The Contractor shall provide a Weekly Status Report regarding the status of construction.

12.0. Hazardous Information: All areas within the project footprint and adjacent areas are currently active with military personnel. The Government will deny non-contractor personnel access to the project area during all phases of construction. The Contractor shall remain vigilant to work within the construction area to reduce impacts on training exercises. There is no requirement to handle any hazardous material.

13.0. Personnel:

13.1. IAW 18 Unites States Code (USC) § 1382, the authority of any officer or person in command or charge thereof to control and deny an employee entry to all or part of the installation is absolute. If an employee is removed from the job site or dismissed from the premises, the Contractor is not relieved of the requirement to provide sufficient personnel to perform the services as required by this SOW. The individual removed or denied access has no right to appeal.

13.2. All personnel shall be able to read, write, speak, and comprehend the English language. The Contractor shall provide a workforce possessing the skills, knowledge, and training to satisfactorily perform the services required by this contract. Personnel performing work under this SOW shall not be considered employees of the Government.

14.0. Contracting Officer Representative (COR):

14.1. COR:
Name: Tim Bauman
Address: Building 4610, Engineer Drive, USAG Fort Hood, Texas 76544
Cell: 254-432-1386
E-mail: timothy.k.bauman.civ@army.mil

15.0. Security Requirements:

15.1. Employees selected for this SOW shall be able to pass all security requirements IAW the Provost Marshal Office (PMO) Policy to gain access to the installation.

15.2. All Contractors requiring access to installations shall complete AT level I awareness training within thirty (30) calendar days after employee start date. Certificates of completion shall be submitted to the COR or to the Contracting Officer (KO). AT level I awareness training is available at http://jko.jten.mil/courses/atl1/launch.html.

15.3. All Contractor shall attend iWATCH training. This training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR. This training shall be completed prior to beginning construction. The iWATCH training is available at http://www.myarmyonesource.com/familyprogramsandservices/iwatchprogram/default.aspx.

15.4. DoD Manual 5205.02, the Contractor shall complete Level I Operations Security (OPSEC) Awareness training available at https://securityawareness.usalearning.gov/opsec/. This training shall be completed prior to beginning construction.

15.5. The Contractor supporting Information Assurance (IA) functions shall complete the Initial Training prior to start of work. The Contractor shall have up to six (6) months to obtain any additional qualifications for their position outlined as per DoD 8570.01.M. The KO will ensure the Contractors are appropriately certified. Additional training on local or system procedures may be provided by the DoD organization receiving services.

16.0. Installation Access:

16.1. The Contractor shall be able to pass all security requirements IAW the PMO Policy to gain access to the installation.

16.2. The Contractor shall provide all information required for background checks to meet installation access requirements to be accomplished by the installation PMO, Director of Emergency Services, or Security Office.

16.3. The Government will assist the Contractor with installation access however, it is the Contractor's responsibility to gain lawful access to the installation IAW PMO policies.

17.0. Range Access:

17.1. All privately owned vehicles (POVS) shall have a valid vehicle access pass issued by Range Operations for the range and/or training area before the vehicle is to access. This pass is NOT the same as the Fort Hood Access Pass.

17.2. The Contractor employees (including subcontractors) requiring access to live fire range areas are to receive a range safety briefing and unexploded ordinance (UXO) orientation briefing prior to starting work on range. This briefing is performed by Range Operations.

17.3. The Contractor is responsible for ensuring employees (including subcontractors and vendors) maintain situational awareness of where they are located, and any restrictions/limitations as issued by Range Operations. In any event that there is not a clear understanding of any restrictions/limitations from Range Operations, the Contractor is to seek clarification and understanding with Range Operations prior to entering the range.

17.4. The Contractor is to contact Range Operations to request permission to enter the range and the area on the range that the Contractor shall be occupying at all times. Requests shall include the total number of persons occupying the range and phone number of the Contractor representative on the range. The Contractor shall report to Range Operations when changes in the number of persons on the range that are under the control of the Contractor and when the Contractor exits the range. The Contractor is to maintain available communications with Range Operations at all times while on the range. Range Operations Phone Number: (254) 287-3321

17.5. Access to Fort Hood's maneuver training area land and live fire training areas is prohibited without authorization from Fort Hood Range Operations IAW AR 350-19, chapter 4, AR 385-63, DA PAM 385-63, and FHR 350-40. Penalties for violations apply to military and civilian personnel and include the full range of statutory and regulatory sanctions, including criminal

prosecution.

17.6. Range Operations is the operational control authority for all activities within the boundaries of Fort Hood maneuver training land and live fire areas (training Complex) and are regulated by Range Operations (Ref: FHR 350-40). This is not to be confused with contract authority.

APPENDIX A
Fort Hood, TX
Location

EXHIBIT A - FTHOOD_DMMU_Aerial
EXHIBIT B – DMMU Range Location Map
EXHIBIT C – DMMU SUMMARY MATs Power Centers RLMs
EXHIBIT D - Gate Design
EXHIBIT E – DMMU MAT System locations and existing conditions.
EXHIBIT F - 1984 DMMU Asbuilts
EXHIBIT G - Range Limit Marker Design.pdf
EXHIBIT H - Portable HSAT Specifications
EXHIBIT I - Stationary Armor Target (SAT) - Aug2017.pdf
EXHIBIT J - Moving Armor Target (MAT) - Aug2017.pdf
EXHIBIT K - Target Protection - July 2017.pdf
EXHIBIT L – Portable Armored Target Protection
EXHIBIT M - Species List for Range Seed.docx
EXHIBIT N - Mandatory Shutdown times.
EXHIBIT O – TC25-8 Minimum MAT Specification Requirements
EXHIBIT P - DMMU Target designation reference
    TAB A – Moving Armored Targets (MATs)
    TAB B – Stationary Armored Targets (SATs)
EXHIBIT Q – Range Locations for Concrete Ammo Points
EXHIBIT R - Range Locations for Cement Stabilization at Ammo Points
EXHIBIT S – Target Spare Parts
EXHIBIT T – Water Point
EXHIBIT U - Firing Positions Revision 6.
EXHIBIT V - EXISTING CONDITIONS PHOTOS
EXHIBIT W - BGRC FIRING POSITION ASBUILT DRAWING
EXHIBIT X - CCRB FIRING POSITION ASBUILT DRAWING
EXHIBIT Y - PKRA FIRING POSITION ASBUILT DRAWING
EXHIBIT Z - QTR FIRING POSITION ASBUILT DRAWING