

Sample Task Order Request for Proposal
Bureau of African Affairs, Office of Regional Peace and Security
GLOBALCAP SAMPLE TORP
Sahel Country Equipment, Training, Logistics Support, and Construction

(NOTE: This is a hypothetical Sample Task Order to create a realistic technical response for the functional areas of the GLOBALCAP IDIQ scope. The scenario and location are fictional and only included to provide realism in development of the offeror's technical response. No U.S. Embassies or foreign governments should be contacted. END NOTE)

1. FUNDING OFFICE AND PROGRAM BACKGROUND

- 1.1 The Department of State Office of Regional Peace and Security (AF/RPS) advances U.S. foreign policy goals in sub-Saharan Africa by developing and implementing peace and security policies and programming to promote a more secure, stable, and prosperous Africa. Activities funded by this office support a range of requirements including capacity building for post-conflict and transitional security, defense reform, transnational issues like border and maritime security, strengthening partner nation institutions, and countering terrorism.
- 1.2 This is a non-personnel services task order to procure and deliver equipment, new equipment training, logistics support, and construction services to a land-locked Sahelian country. The Government shall not exercise any supervision or control over Contractor personnel, who are the service providers completing the tasks described in this statement of work (SOW). Task order service providers shall be accountable solely to the Contractor who, in turn, is responsible to the Government.

2 TASK ORDER OBJECTIVES

- 2.1 By the end of the period of performance (POP), the Contractor shall procure and deliver the contractually required equipment.
- 2.2 By the end of the POP, the Contractor shall implement required operator and maintainer training and achieve a successful course completion rate of at least 80 percent.
- 2.3 Provide Monthly Food and Fuel Logistics Support commencing within 31 days of award through the remainder of the POP.
- 2.4 By the end of the POP, the contractor shall complete Design and Build of a permanent structure

3 SCOPE OF WORK

- 3.1 Task A: The Contractor shall procure and deliver 10 APCs and accompanying spare parts to U.S. Embassy according to the quantities and specifications outlined in the attached equipment list.
- 3.2 Task B: The Contractor shall implement O&M training for 60 military drivers, maintainers, and logisticians assigned to the partner nations ground forces on the operation and maintenance of all materiel procured and delivered under TASK A.
- 3.3 Task C: Provide Logistical Support
- 3.4 Task D: Design and Build a building and surrounding wall based off of the provided preliminary drawings in partner nation's capital city.

4 PLACE OF PERFORMANCE

- 4.1 Land-locked Sahel Country
 - 4.1.1 TASK A Equipment Delivery: U.S. Embassy in partner nation
 - 4.1.2 TASK B New Equipment Training: Partner Nation base in Capital City
 - 4.1.3 TASK C Logistics Support: Partner Nation base in Capital City
 - 4.1.4 TASK D Construction: Partner Nation base in Capital City

5 PERIOD OF PERFORMANCE

- 5.1 Sixteen (16) months from the date of award.

6 TASK ORDER TYPE

- 6.1 This is a hybrid task order with firm fixed price for labor, training, logistical support, construction activities, and equipment, and cost reimbursable for other direct costs (ODCs).

7 DELIVERABLES AND ADMINISTRATION REQUIREMENTS

- 7.1 The Contractor shall submit all deliverables in English, typed in Calibri 12-point font.
- 7.2 The Contractor shall provide deliverables to the following individuals, as directed in the "addressees" column in the table below.
- 7.3 Contracting Officer (CO)
- 7.4 Contracting Officer Representative (COR)
- 7.5 Alternate Contracting Officer Representative (ACOR)
- 7.6 Government Technical Monitor (GTM)
- 7.7 Bureau of African Affairs/Office of Regional Peace and Security (AF/RPS)
- 7.8 Bureau of Political-Military Affairs/Office of Security Assistance (PM/SA)
- 7.9 Office of Security Cooperation (OSC) U.S. Embassy Partner Country
- 7.10 Property Management Specialist (PMS)

DELIVERABLE	FREQUENCY	ADDRESSES
Training schedule	An initial training schedule shall be submitted with the	COR, ACOR, GTM, PM/SA, OSC, and AF/RPS

	Contractor's proposal, which shall be updated and submitted on a quarterly basis during the task order period of performance.	
Program(s) of instruction (POI)	At least 30 days prior to the start of any training iteration.	COR, ACOR, GTM, PM/SA, OSC, AF/RPS
Procurement and shipping status report	The 1st and 15th of every month, starting from award date.	CO, COR, ACOR, OSC, AF/RPS, GTM, PM/SA
Situation reports (SITREPs) and calls	<p>SITREPs are due the 1st and 15th of every month, starting from award date.</p> <p>The Contractor shall complete the SITREP Template provided by the COR at the time of award.</p> <p>The COR shall schedule a call to discuss each SITREP after receipt.</p>	COR, ACOR, GTM, OSC, AF/RPS, PM/SA
Equipment Receiving and Tracking Report (DS-127)	<p>No later than five days after handover of equipment.</p> <p>The Contractor shall also attach the DS-127 to the invoice that bills for equipment.</p>	COR, ACOR, GTM, OSC, PMS
Incident reports	Within 24 hours of any incident(s).	COR, ACOR, GTM, OSC
Property book report	<p>Every fiscal year quarter, per the following schedule (DOSAR 652.245-71):</p> <p>Q1: (Oct. 1-Dec. 31) – Report Due: Jan. 15</p> <p>Q2: (Jan. 1-Mar. 31) – Report Due: Apr. 30</p> <p>Q3: (Apr. 1-Jun.30) – Report Due: Jul. 15</p> <p>Q4: (Jul.1-Sep. 30) – Report Due: Oct. 8</p>	PMS, COR, ACOR, GTM, OSC, and AF/RPS

After action report(s) (AAR)	AARs shall be submitted no later than seven days from the date of activity completion. The Contractor shall complete the AAR template provided by the COR and/or ACOR at the time of award.	COR, ACOR, GTM, PM/SA, OSC
Call and meeting notes	Within 24 hours of any call or meeting with the CO, COR, and/or U.S. Embassy personnel.	COR, ACOR, AF/RPS, PM/SA.
Input for congressional reports	Annually – at the end of the fiscal year (30 September). Due by 5 October.	COR, ACOR, AF/RPS, U.S. Embassy
Demobilization plan	No later than 90 days prior to expiration of the Task Order	COR, ACOR, GTM, OSC

- 7.10.1 **Training schedule(s):** The Contractor shall prepare a training schedule that details the dates, times, locations, and estimated number of participants for each iteration of training and technical assistance planned for implementation during the task order period of performance. The Contractor shall note key milestones in the run-up to training and technical assistance activities, including, but not limited to, the delivery of related equipment and supplies, gathering and submitting participant data to conduct Leahy vetting, and securing venue space. The Contractor shall submit an initial training schedule at the time of award and provide an updated schedule each quarter.
- 7.10.2 **Program(s) of instruction (POI):** The Contractor shall submit a POI for each training course described in this task order. The Contractor shall submit the POI electronically to the addressees and according to the timeframe specified above. All POIs shall include a training schedule, delivery dates, lesson plans for each discrete block of instruction, and a copy of all associated training aides (e.g., handouts, PowerPoint presentations, facilitator guides, quizzes/tests, questionnaires, etc.). The Contractor shall provide all POIs in both English and French. The COR and U.S. Embassy must review and provide approval of the POIs before training may begin.
- 7.10.3 **Procurement and shipping status report:** The Contractor shall submit a detailed list of all materials procured under this task order. The report shall

also include a detailed accounting of anticipated and completed shipping and delivery dates for each item procured under this task order. The report shall be submitted electronically to the designated addressees and within the timeframe specified above.

- 7.10.4 **Situation reports (SITREPs) and calls:** Beginning at task order award, the Contractor shall submit a detailed SITREP no later than 9:00 a.m. Eastern Standard/Daylight Time on the 1st and 15th day of each month during the task order period of performance. The Contractor shall complete the template provided by the COR and detail the status of all ongoing work and Partner Nation personnel trained under each project objective during the reporting period. The SITREP reporting period shall comprise all business days between report due dates (i.e., reports due on the 15th shall describe progress made during the 1st and 14th of the month; reports due on the 1st shall describe progress made during the 15th and last day of the month). The Contractor shall highlight any event or technical issue that jeopardizes performance and attach a contingency plan as an annex to the SITREP. The Contractor shall clearly highlight any event or technical issue to the Contracting Officer's Representative that may result in operating outside the scope of this SOW. The Contractor shall submit reports electronically and in accordance with the submission guidance provided by the COR. The COR shall schedule a call after receipt of the SITREP to discuss the contents of the report
- 7.10.5 **Equipment receiving and inspection report (DS-127):** The Contractor shall submit accurate and complete DS-127s for equipment and materiel upon equipment handover. The Contractor shall electronically submit the relevant DS-127(s) as an attachment to the invoice for items billed, and as specified in the table above.
- 7.10.6 **Incident reports:** The Contractor shall submit a detailed electronic report to the COR, ACOR, and U.S. Embassy staff members within 24 hours immediately following an incident that directly affects this task order, or as directed by the COR.
- 7.10.7 **Property book report:** The Contractor shall submit a property inventory report in accordance with DOSAR 652.245-71, Special Reports of Government Property.
- 7.10.8 **After action report(s) (AAR):** The Contractor shall submit an AAR no later than seven calendar days from the date of completing any instance of training, technical assistance, and equipment deliveries. The Contractor shall submit detailed training information which includes, but is not limited to, finalized participant lists and contacts, POIs, and evaluations. All additional training-related data requirements and deliverables for inclusion in the AAR will be discussed and agreed upon by the COR and the Contractor prior to the

training event. The AF/RPS Monitoring and Evaluation (M&E) Team shall schedule a call to discuss the contents of each report.

- 7.10.9 **Call and meeting notes:** The Contractor shall send detailed written notes to the COR within 24 hours of any discussion with the CO, COR, or U.S. Embassy point of contact. This includes calls associated with routine SITREP and AAR reporting. The Contractor shall submit notes in a Microsoft Word file. The COR shall review/edit the notes and return them to the Contractor for final clearance.
- 7.10.10 **Input to congressional reports:** The Contractor is required to compile metrics on all foreign military personnel trained under this task order between 01 October and 30 September. The Contractor shall complete and submit the template provided by the AF/RPS Operations Team in accordance with the addressees and timeframe specified in the table above.
- 7.10.11 **Demobilization plan:** The Contractor shall submit a demobilization plan no later than 90 days prior to the end of the task order period of performance. The demobilization plan shall detail the Contractor's arrangements during the demobilization period prior to award closeout, contact details for all personnel involved in demobilization activities, the disposition of equipment and materials, and a schedule of planned travel, meetings/debriefings, and reporting requirements as directed by the COR during the demobilization period

8 TASKS

- 8.1 **TASK A:** Procure and deliver 10 armored personnel carrier (APC) vehicles and accompanying spare parts kits to U.S. Embassy, as detailed in the attached equipment list.
 - 8.1.1 The Contractor shall procure and deliver materiel according to the quantities and specifications outlined in the attached equipment list and APC specifications attachment.
 - 8.1.2 The Contractor shall deliver all materiel no later than 450 days from the start of the task order period of performance.
 - 8.1.3 The Contractor shall deliver all items to U.S. Embassy prior to the implementation of any TASK B training activities.
 - 8.1.3.1 Shipping address:
 - 8.1.3.1.1 U.S. Embassy, ATTN: Office of Security Cooperation,
 - 8.1.3.2 Mark for address:
 - 8.1.4 U.S. Embassy, ATTN: Office of Security Cooperation, The Contractor shall sign-over materiel to the Partner Nation at the conclusion of all TASK B training.

- 8.1.4.1 The Contractor shall follow the guidance provided by the COR when completing the handover(s).
- 8.1.5 Physical and electronic copies of all user manuals shall be provided to the Partner Nation in English and French.
- 8.1.6 The Contractor shall verify and clearly document that all individual components are installed, if required, operate properly, and perform all intended functions.
- 8.1.7 The Contractor shall include the standard commercial warranty for all non-disposable equipment for a duration of no less than 24 months from the date of delivery.
- 8.1.8 APC Specifications: See **Exhibit 1**

TASK A Performance Metrics			
PERFORMANCE OBJECTIVE	SOW PARAGRAPH	PERFORMANCE THRESHOLD	METHOD OF SURVEILLANCE
Task A: The Contractor shall procure and deliver new training materials and equipment	8.1.1 through 8.1.3	All equipment procured is new and delivered by required dates listed in Attachment 2 – Equipment List. 100% of the Time	100% Government Inspection
Task A: The Contractor shall ensure all new training materials and equipment are sourced in accordance with foreign assistance procurement restrictions	8.1.8.1	All equipment is procurement restriction compliant and/or has received a procurement waiver. 100% of the Time.	100% Government Inspection
Task A: The Contractor shall ensure all new training materials and equipment are	8.1.5 through 8.1.8	All procured equipment is designed to operate within region. 100% of the Time	100% Government Inspection

designed to operate within the region			
Task A: Training materials and equipment are delivered on time and meet SOW specifications.	8.1.8	100% of equipment is delivered in accordance with required delivery requirements in Attachment 2 – Equipment List.	100% Joint inventory, Project Manager and/or Office of Security Cooperation Inspection.

8.2 **TASK B:** Deliver Operator and Maintainer (O&M) training at Partner Nation Base in Capital City for materiel procured and delivered under TASK A.

8.2.1 The Contractor shall implement one, six-week training for 60 military drivers, maintainers, and logisticians assigned to Partner Nation’s Armed Force on the O&M of all materiel procured and delivered under TASK A.

8.2.1.1 O&M training shall, at minimum, address the following topics:

8.2.1.1.1 Fundamentals of driving/entry-level driver training, including behind-the-wheel instruction.

8.2.1.1.2 Vehicle safety.

8.2.1.1.3 Preventative and corrective vehicle maintenance.

8.2.1.1.4 Methods of troop transport.

8.2.1.1.5 Methods for contacting and working with APC and spare parts OEM manufacturers to sustain the APC platform.

8.2.1.1.6 A combined written and practical assessment at the conclusion of O&M training to determine trainees’ proficiency in and understanding of all training material.

8.2.1.1.6.1 A trainee must receive an overall minimum score of 80 percent to be considered as having successfully completed the O&M course.

8.2.2 The Contractor shall coordinate with U.S. Embassy and the Partner nation to schedule training dates, times, and venue.

8.2.3 For pricing purposes, the Contractor shall assume that the Government of Sahel will provide the training venue at no cost.

8.2.4 The Contractor shall deliver training in French, with the use of interpreters, as needed.

- 8.2.5 The Contractor shall provide physical and electronic copies of all training materials and aides, including the vehicle manufacturer's driver's manual, in both English and French.
- 8.2.6 The Contractor shall utilize an instructor-to-student ratio of no more than 1:20.
- 8.2.7 The Contractor shall supply all consumable items required to fully implement each training course.
- 8.2.8 The Contractor and all its personnel, including trainers, are not permitted to carry firearms or ammunition, and must comply with individual host nation laws and regulations at all times.

TASK B Performance Metrics			
PERFORMANCE OBJECTIVE	SOW PARAGRAPH	PERFORMANCE THRESHOLD	METHOD OF SURVEILLANCE
Task B: The Contractor shall implement the number of training iterations specified section 8.2	8.2.1	One iteration of a six-week O&M training during the period of performance. 100% of the time.	100% Government Inspection
Task B: The Contractor shall train the number of beneficiaries specified in this SOW	8.2.1	Approximately 60 Partner Nation personnel receive training within the specified period of performance. 100% of the time.	100% Government Inspection
Task B: The Contractor shall ensure all training participants have been Leahy Vetted before training is to be provided	8.2	All training participants are Leahy Vetted before training commences. 100% of the time.	100% Government Inspection

8.3 TASK C: Logistical Support

- 8.3.1 Provide 100,000 liters of diesel fuel per month for 15 months

8.3.1.1 The Contractor shall ensure the required diesel fuel does not exceed 5,000 ppm sulfur (.5%)

8.3.1.2 All diesel fuel shall be tested for cleanliness, fuel not meeting standards to be rejected without payment, and results will be reported to partner nation forces and the U.S. Embassy Office of Security Cooperation.

8.3.2 Provide 1,000 shelf-stable, individual portion meals per month for 15 months

8.3.2.1 Each Meal must provide a minimum of 1,000 Calories of Macronutrients (Protein, Fat, Carbohydrates)
Nutrition

8.3.2.2 All meals must be Halal

TASK C Performance Metrics			
PERFORMANCE OBJECTIVE	SOW PARAGRAPH	PERFORMANCE THRESHOLD	METHOD OF SURVEILLANCE
Task C: The Contractor shall provide the required monthly quantity of fuel on time and to required cleanliness standard	8.3.1.1 and 8.3.1.2	1000,000 liters of diesel fuel provided for 15 months. 100% of the time.	100% Government Inspection
Task C: The Contractor shall provide the monthly number of meals required and ensure they are within best buy days and properly stored	8.3.2	Provide 1,000 shelf-stable, individual portions meals per month that have been properly stored and are within in their best buy date. 100% of the time.	100% Government Inspection
Task C: The Contractor shall ensure all food is Halal	8.3.2.2	All provided meals shall be Halal certified. 100% of the time.	100% Government Inspection

- 8.4 **TASK D:** Design and Build a building and surrounding wall based off of the provided preliminary drawings (See **Exhibit 2**) in partner nation’s capital city. Constructing a building that complies with International building codes in a designated location involves multiple tasks, including obtaining necessary permits and approvals from local authorities, conducting site surveys and tests, designing the building structure and systems to meet code requirements, acquiring and managing materials and labor, overseeing the construction process to ensure compliance with codes and safety standards, and conducting final inspections and testing before occupancy. These tasks require coordination between architects, engineers, contractors, building inspectors, and other professionals to ensure that the building is designed and built to meet all applicable codes and regulations, and that it is safe and functional for its intended use.
- 8.4.1 Design and Build a building based off of provided preliminary drawings (See **Exhibit 2**, Sample Drawings) – in a designated location.
 - 8.4.1.1 Building on flat land, safe and secure area, no flood risk, use of shallow foundations
 - 8.4.2 Design and build a single building meeting all specifications outlined under preliminary drawings (See **Exhibit 2**).
 - 8.4.2.1 Complete all Design and Build tasks for construction of a permanent structure.
 - 8.4.2.2 Construct building using International Building Codes, FAR Subpart 36.3 - Two-Phase Design-Build Selection Procedures and local construction ordinances.
 - 8.4.2.3 Cement, gravel, sand, rebar, and Concrete Masonry unit (cinderblocks) can be procured locally. Finishing material must be imported.
 - 8.4.3 All construction will be completed by the end of the POP under TORP.
 - 8.4.3.1 Completed building should be ready to occupy immediately following completion of final government inspection.
 - 8.4.4 Quality Assurance (QA): The Government will evaluate the contractor’s performance under this contract in accordance with the Quality Assurance Surveillance Plan (QASP). This plan is primarily focused on what the Government will do to ensure that the contractor has performed in accordance with the performance standards. It defines how the performance standards shall be applied, the frequency of surveillance, and acceptable quality level(s) or defect rate(s).

8.4.4.1 Incorporate performance metrics outlined under J-Attachment 6-Sample Task Order, Task D, Section 8.4.6 to ensure Quality Assurance during construction

TASK D Performance Metrics			
PERFORMANCE OBJECTIVE	SOW PARAGRAPH	PERFORMANCE THRESHOLD	METHOD OF SURVEILLANCE
Task D: The Contractor shall Design and Build a single building permanent structure according to the provided requirements	8.4.2	In accordance with the applicable building codes and construction specifications, the completed permanent structure shall be ready to occupy immediately following completion of final government inspection.	100% Government Inspection (Including Pre, During, and Post construction site visits)
Task D: The Contractor shall ensure all new training materials and equipment are sourced in accordance with foreign assistance procurement restrictions	8.4	All equipment is procurement restriction compliant and/or has received a procurement waiver. 100% of the Time.	100% Government Inspection

9 KEY PERSONNEL

- 9.1 The Contractor shall agree to assign to this task order key persons with demonstrated fluency in English whose resumes are submitted at the time of proposal; no substitutions shall be made without prior notification to, and concurrence of, the COR during the POP. The Contractor shall provide the CO and COR a signed written agreement between the key personnel candidate and the Contractor as evidence of his/her commitment to the task order. The Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment.

9.2 The Contractor shall assign to this task order the following key personnel:

9.2.1 Project manager (x1)

9.2.1.1 The project manager shall be the Contractor's primary point of contact for all matters pertaining to this task order and shall bear ultimate responsibility for ensuring the requirements described in this SOW are fully-met.

9.2.1.2 Minimum requirements:

9.2.1.2.1 Five years of directly related experience managing projects of similar scale and complexity.

9.2.1.2.1.1 "Complexity" shall be defined as projects involving equipment procurement and training in an austere environment.

9.2.1.2.1.2 "Scale" shall be defined as projects valuing at least \$10,000,000.

9.2.1.2.1.3 Management experience shall be defined as serving as the highest-ranking company official deployed in-country and responsible for a given project. Such examples may include Project Manager or Country Manager.

9.2.1.2.2 One or more years' experience working in sub-Saharan Africa.

9.2.1.2.3 DLPT 3/3 in French (or interpreter provided).

9.2.2 Construction Manager (x1)

9.2.2.1 The Construction Manager will be responsible for managing the day-to-day activities on the ground and coordination of all construction or engineering personnel on the ground in support of this task order. The Construction Manager will also ensure productivity and safety of all construction, engineering, or visiting personnel on the ground. The Site Supervisor shall be based in country at the construction site daily.

9.2.2.2 Minimum requirements:

- 9.2.2.2.1 A bachelor's degree in civil engineering.
- 9.2.2.2.2 Two years of management experience on construction projects in sub-Saharan Africa or other post-Conflict countries. Management experience shall be defined as the senior-most or second most-senior person on the ground for the project and would have titles such as Site Supervisor or Construction Manager. At least two projects must be \$1.5 million or greater in value.
- 9.2.2.2.3 Three years of construction experience focusing on vertical construction. At least two years of experience on vertical construction must be overseas in either sub-Saharan Africa or other post-conflict countries.

APC Specifications

1 SPECIFICATIONS

1.1 The APCs shall be sourced in a manner that complies with the guidance outlined in the attached PKO Procurement Restrictions.

1.2 The vehicles shall meet the following specifications:

1.2.1 The vehicles shall be an armored personnel carrier truck, 2023 model year or later, with no more than 100 miles on the odometer when inspected by the COR or GTM at the time of handover to the recipient nation.

1.2.2 The vehicle shall be equipped with a V-shaped hull design.

1.2.3 The vehicle curb weight shall not exceed 30,000 pounds.

1.2.4 The vehicle shall be all-wheel drive (4x4).

1.2.5 The vehicle shall be equipped with driver and passenger doors.

1.2.6 The vehicle shall be equipped with a minimum of two windows in the rear passenger compartment, excluding rear window.

1.3 Weapon Mounts:

1.3.1 The vehicle shall be equipped with a ring and bearing-type weapon mount on the front area of the roof. The mount shall accommodate continuous 360 degrees of rotation, be compatible with machine guns up to 12.7 mm (50 caliber), and be safely operable by the passengers while the vehicle is in motion.

1.3.2 The weapon mount shall be 360 degrees shielded with STANAG 4569 Level 2 ballistic protection.

1.3.3 The weapon mount shall be provided with a rigid and removable overhead sun and rain protection roof/cover that does not impede gunner visibility or ability to use the machine gun. This sun/rain roof shall be able to be stored within or on the vehicle when not in use.

1.3.4 The weapon mount shall prevent machine gun fire into the cargo space.

1.3.5 The vehicle shall be equipped with an additional light machine gun (7.62 mm) mount located on the rear area of the roof. The light machine gun mount shall be front-shielded with STANAG 4569 Level 2 ballistic protection on the rear area of the roof.

1.3.6 Both weapon mounts shall be accessible via the roof, which shall be equipped with a self-draining weather-tight quick-access hatch.

- 1.3.7 The vehicle hatch shall not interfere with the driver's operation of the vehicle and shall securely lock in-place when opened or closed.
- 1.3.8 The vehicle shall be equipped with a foot platform for each weapon mount.
- 1.3.9 The vehicle shall be equipped with seating for a driver, front passenger, eight or more additional passengers in the rear.
- 1.3.10 All seats shall be equipped with seat belts with a four-point harness.

2 EQUIPMENT

- 2.1 The vehicle shall include all standard equipment for the model proposed.
- 2.2 The vehicle shall be equipped with a universal VHF radio mount accessible to the driver and front passenger.
- 2.3 The vehicle shall be equipped with two front and two rear tow eyes.
- 2.4 The vehicle shall be equipped with a lockable toolbox(es) and/or secured stowage compartment(s) of sufficient volume to store all manufacturer's standard equipment and accessories, as well as the additional items specified below. All locks for the toolbox(es) and/or compartment(s) shall be identically-keyed. Three keys shall be provided for each vehicle.
- 2.5 The vehicle shall be equipped with the standard tools required for basic operation and field maintenance training (i.e., wrench and socket set, screwdrivers, adjustable wrench, pliers, and hammer, at a minimum).
- 2.6 The vehicle shall be equipped with tire changing tools and a lifting jack that has a minimum capacity of half the vehicle's gross vehicle weight (GVW).
- 2.7 The vehicle shall be equipped with a standard roadside first aid kit that includes scissors, medical tape, assorted bandages, mini flashlight, and tourniquet, at minimum, as well as three hazard warning triangles.
- 2.8 The vehicle shall be provided with a tire inflating hose of sufficient length to inflate all tires on the vehicle. The hose shall include quick-connect fittings on both ends. Tire inflations shall be powered by a vehicle-compressed air system that includes a chuck and pressure gauge.
- 2.9 The vehicle shall be equipped with at least one minimum 4.4 pound (2 kg) capacity ABC-type fire extinguisher, located in the cab.
- 2.10 The vehicle engine shall be covered with heavy duty skid plate(s).
- 2.11 The vehicle shall be fitted with a commercial heavy duty front bumper winch compatible to a vehicle of this size and weight.

3 VEHICLE LANGUAGE REQUIREMENTS

- 3.1 All instruction diagrams and warning labels shall be in English and French, or in universal symbols, and be permanently affixed to the vehicle in the proper locations.
- 3.2 The vehicle's fuel filler cap – or the area near the filler cap – shall be clearly labeled in English and French, or in universal symbols, with the type of fuel compatible with the vehicle.
- 3.3 Hardcopy and electronic copies of all parts, schematics, maintenance checks, and services manuals shall be provided for each vehicle in English and French.

4 RATINGS

- 4.1 The vehicle rating shall be the manufacturer's published rating at the time of offer.
- 4.2 All individual components, including the engine, transmission, driveline, axles, suspension, and tires, shall be rated at least 15 percent above the GVW.

5 ENGINE

- 5.1 The vehicle shall be equipped with a diesel engine capable of performing as specified herein on high sulfur content diesel fuel (5,000 ppm or 0.5 percent).
- 5.2 The vehicle shall not be equipped with emission control devices, such as an exhaust gas recirculation (EGR) valve, diesel particulate filter (DPF), diesel oxidation catalyst (DOC), or selective catalytic reduction catalyst (SCR).
- 5.3 If emission control devices cited in paragraph 8.1.8.36 are removed from the vehicle after the vehicle has been manufactured, then the Contractor shall provide supporting documentation from the OEM that describes in detail all such modifications made to the vehicle in order to meet required specifications.
- 5.4 The vehicle manufacturer shall also verify and approve all modifications and/or alterations made to the vehicle which allow it to operate on high sulfur content diesel fuel (5,000 ppm or 0.5 percent).
- 5.5 The Contractor shall provide a maintenance or service schedule for each vehicle while operating on high sulfur content diesel fuel (5,000 ppm or 0.5 percent), and also incorporate these schedules into each vehicle manual.
- 5.6 The engine shall be equipped with a cooling and air filtration system designed for dusty, desert environments with temperatures of +120°F (+49°C).

6 CHASSIS/DRIVELINE

- 6.1 The rear axle shall be equipped with a locking or limited slip differential.

7 TRANSMISSION

- 7.1 The vehicle shall be equipped with an automatic transmission.
- 7.2 The vehicle shall be equipped with a transfer case.

8 STEERING

8.1 The vehicle shall be left-hand drive (LHD).

9 BRAKE SYSTEM

9.1 The vehicle shall be equipped with air or air over hydraulic brakes.

9.2 The vehicle shall be equipped with an engine exhaust brake.

10 WHEEL ASSEMBLY (TIRE AND WHEEL)

10.1 The vehicle shall be equipped with run-flat, off-road, and heavy-duty tires in a single rear-wheel design that are able to transit rocky and sandy desert conditions and support the vehicle at least 15 percent above GVW.

10.2 The tires shall have reinforced side walls designed to minimize punctures from jagged rocks and terrain.

10.3 The vehicle shall be equipped with one full-size spare wheel assembly and tire with holder.

10.4 Each vehicle shall be equipped with the necessary tools to facilitate the loading and unloading of the spare tire (e.g. davit, winch, or equivalent).

10.5 All tires shall be of the same size, load rating, and tread design.

10.6 All wheels shall be interchangeable, including the spare wheel assemblies.

11 TOWING PROVISIONS

11.1 The vehicle shall be equipped with a rear pintle that is compatible with trailer drawbar eye dimensions of 2.375 to 3.0 inches (60.3 mm to 76.2 mm) loop inner diameter (I.D.) and 1.25 inches to 1.62 inches (31.8 mm to 41.1 mm) loop cross-section diameter.

11.2 Vehicle shall be equipped with a towing bar, in addition to the tow eyes.

12 ELECTRICAL SYSTEM

12.1 The vehicle shall be equipped with the manufacturer's highest-rated available alternator and heaviest-duty dual batteries.

12.2 The vehicle shall be equipped with a battery master disconnect switch.

13 COLOR

13.1 The exterior color of the vehicle shall be DESERT TAN.

14 VEHICLE PROTECTION

14.1 Vehicle shall be equipped with 360-degree horizontal protection meeting the B7 standard.

14.2 Vehicle shall be equipped with at least B6 protection on the roof.

- 14.3 Vehicle shall be equipped with blast protection meeting STANAG 4569 Levels 4a (mine explosion pressure activated under any wheel or track location) and 4b (mine explosion under center).
- 14.4 The vehicle passenger compartment shall be located within ballistic and blast armor-protected areas.
- 14.5 The vehicle's critical systems (i.e., engine, fuel tank, etc.) shall be equipped with as much blast and/or ballistic protection as possible, considering crew safety.
- 14.6 The vehicle shall be equipped with transparent glass armor and anti-spall shielding (to protect occupants from shattering glass) for all windows (including the windshield).
- 14.7 All vehicle windows shall be equipped with anti-UV filming to reduce solar loading.
- 14.8 The vehicle shall be equipped with all applicable warning labels, vehicle identification, safety and warning labels, data plates, passenger limits, glass warning labels, and transparent glass armor cleaning procedures in French and English. All items shall be easily visible or accessible to the vehicle operator.
- 14.9 The Offeror shall provide, as attachments to its proposal, copies of all applicable welding and welder certifications, as well as standards utilized for all vehicles at the time of proposal submission.

15 VEHICLE PERFORMANCE

- 15.1 The vehicle shall be capable of water fording to a minimum depth of 35 inches (0.89 meters)
- 15.2 The vehicle shall be able to ascend a 60 percent grade.
- 15.3 The vehicle shall be able to operate on a 30 percent side slope.
- 15.4 The vehicle shall be able to ascend and descend a 20 inch (0.5 meter) vertical step.
- 15.5 The fuel tank shall be sized for a vehicle range of at least 800 kilometers at 75 kph.
- 15.6 Vehicle shall be capable of a sustained (minimum three hours) top speed of at least 100 kph on paved roads.

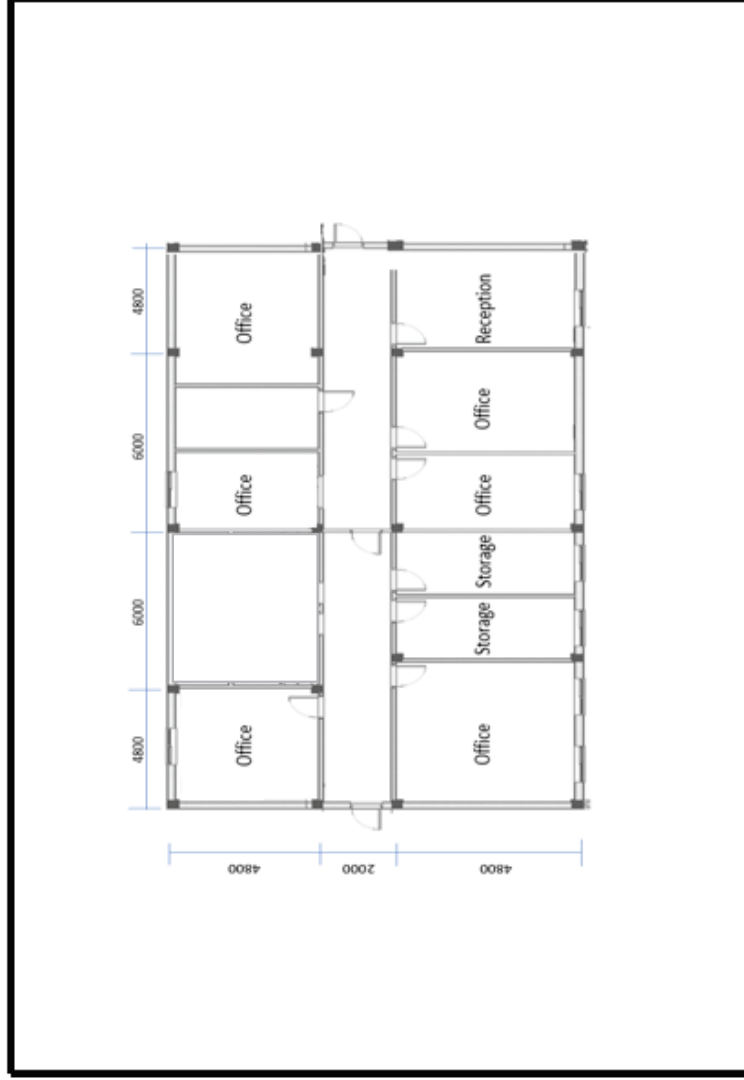
16 CORROSION PROTECTION

- 16.1 Note: The vehicle shall be transported overseas in an exposed salt atmosphere. Proper corrosion protection is mandatory in the manufacturing of the vehicle. The below requirements are a minimum solution to prevent corrosion.
- 16.2 Post-top coating:

- 16.3 The vehicle, after the application of the topcoat, shall be sprayed with a corrosion protective coating (CPC) to protect from rain and salt spray intrusion during overseas shipping.
- 16.4 The vehicle shall be equipped with CPC even if it will be shipped in an appropriately sized and securable shipping container.
- 16.5 The vehicle may also be shipped without the CPC if the Offeror can satisfactorily demonstrate a shipping method that protects from rain and saltwater corrosion.

Sample Drawings

41000



HESCO Wall

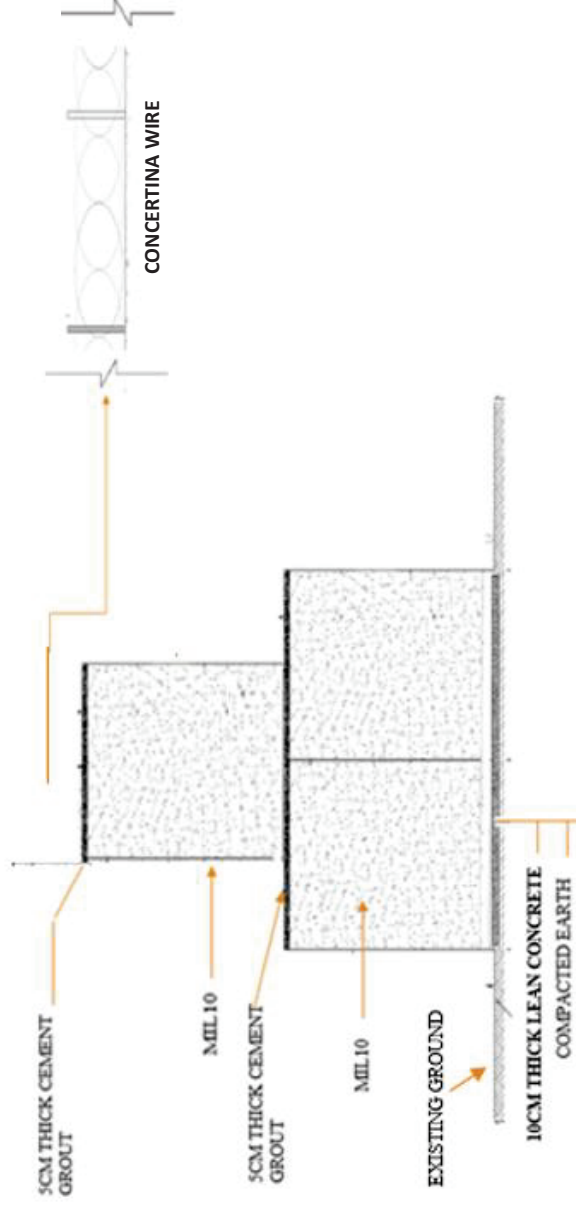
20000

Notes:

- Drawing is not to scale
- Dimensions are in millimeters

Site Perimeter Fence Plan

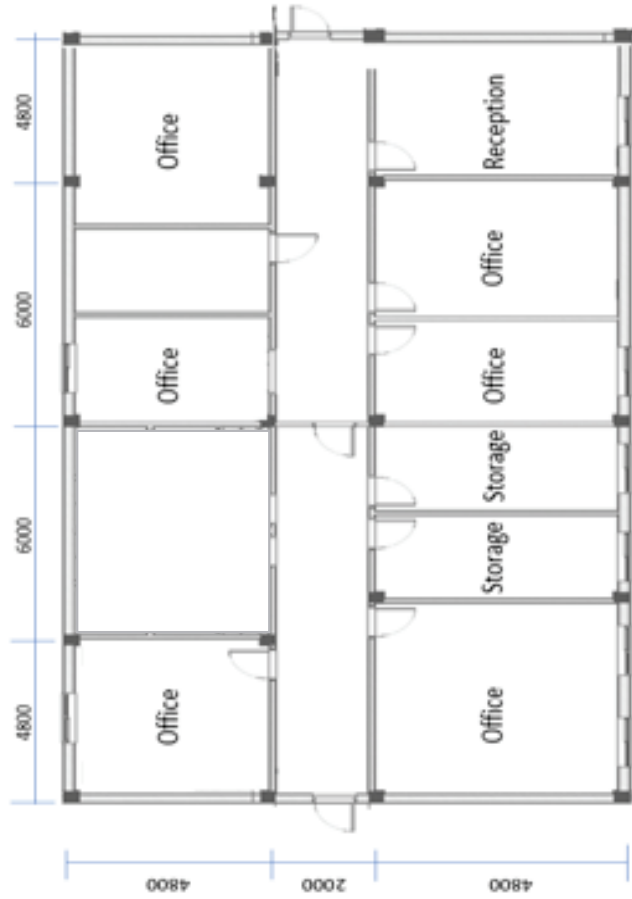
HESCO Perimeter Fence



Notes:

- Drawing is not to scale

Site Perimeter Fence Detail



Notes:

- Drawing is not to scale
- Dimensions are in millimeters

Typical Floor Plan