

APPENDIX II: SPECIFICATION OF SITE AMBULANCES**Advanced Life Support (Type C) Ambulance****I. VEHICLE SPECIFICATIONS**

- ✦ The vehicle must be suitable for use in a tropical environment with warm climate, temperature range +10°C to +45°C. Elevation of 740m.
- ✦ Chassis with enough ground clearance adapted for off road operations (230 mm minimum)
 - ✦ Full time 4x4 WD
- ✦ Manual transmission
- ✦ Interior cabin ceiling height: minimum 1.75 m
- ✦ Sufficient space to be able to work “at the patient’s head”
- ✦ “No Smoking Oxygen Equipped” and “Fasten Seat Belts” signs: Conspicuously placed in the driver’s cab and patient compartment.
- ✦ Backup alert alarm, (audible warning device) activated when the vehicle is shifted into reverse, which cannot be disabled or reset by the operator. Device shall be rated for 97 dB- at 4' (per SAE standards).
- ✦ Electric horn(s).
- ✦ Electrical system with voltage converter supplying 220v in the cab with 5 sockets
- ✦ External socket and a charging cable to keep the ambulance in charge while parked at the clinic
- ✦ An emergency lighting system shall provide the ambulance with 360° of visibility for safety during its missions. The system shall display highly perceptible and attention getting signals that function in a modal system, and convey the message in the “PRIMARY MODE”— “Clear the Right-of-Way” and in the “SECONDARY MODE”— “Hazard, Vehicle Stopped on Right-of-Way.”
- ✦ Warning light systems shall not impair the effectiveness of the ambulance’s exterior lighting
 - ✦ Fuel: diesel
- ✦ Front and rear disk brakes
- ✦ Power assisted steering
- ✦ Safety airbags for front seats

EXHIBIT A: SCOPE OF SERVICE

- ✦ Electrical system supplying a 12-Volt source in the cab
- ✦ Electric (internal/ external) supply bulbs
- ✦ Heating and air conditioning with air filter so that +20° C can be reached in the cab
- ✦ Dark tinted windows (except for the driver), dust and sand-proof
- ✦ VHF Radio equipment compatible with the planned operating radius (Digital Microwave Radio “DMR” technology), and the site transmission system
- ✦ Wide rear access, enabling easy stretcher loading
- ✦ Stretchers with retractable legs, and straps for the patient
- ✦ Stretcher loading ramp, with solid fastening
- ✦ Folding wheelchair
- ✦ Bench or seats for assistants, with 3 points contact safety belts
- ✦ Storage space for medical equipment, with tie-down straps Separation between cab and driver’s seat enabling communication (sliding window or intercom)
- ✦ Cab lighting enough for precision work
- ✦ Ceiling devices for hanging up drips ✦ Oxygen cylinder mountings:
- ✦ Cab interior surfaces bleachable
- ✦ Enough soundproofing and shock absorption
- ✦ A sink with tap and water
- ✦ A small fridge
- ✦ Supplier must provide a valid manufacturer’s authorization
- ✦ Supplier must have a manufacturer’s approved workshop (Personnel and equipment)
- ✦ Engine capacity 3000 CC minim
- ✦ 3-point seat belt for the front seats
- ✦ Manufactured not later than 2020
- ✦ Must be fitted with IVMS meeting the CPY specifications
- ✦ Must be fitted with two on board cameras (one facing inside the driver cabin and another one facing the front).
- ✦ Vehicle comprehensive insurance.
- ✦ The annual mandatory vehicle inspection passenger service van (PSV) permits, Third Party Insurances etc.