**RFQ-RFX-2024-0000873: Medical Emergency Ambulance: Key equipment and features.**

Medair requires ambulances with essential features, well-equipped to meet the **medical emergency referral of critically ill patients** located in remote and hard to reach places districts in Uruzgan Province. Below are the key specifications and requirements:

1. **Vehicle Specifications:**

Model: **Toyota Land Cruiser- Hardtop Ambulance**, model (2010-2015), 4X4, LHD.

**Or**

**Toyota Hiace Van Ambulance,** Model (2012-2020), 4x4 drive, LHD.

**Reliability/Condition**: A well-maintained engine, strong tires, and a reliable suspension system.

**Climate Control**: Functional air conditioning and heating for patient comfort.

**Space**: Sufficient interior space to accommodate the patient, healthcare provider, and equipment.

**Accessibility:** Easy-to-use stretchers and ramps for smooth patient transfer.

**Safety Features**: Seat belts for all occupants, anti-lock brakes, airbags, and a secure storage system for equipment.

**Fire Extinguisher**: Mandatory.

1. **Basic Life Support (BLS) Equipment (Mandatory for all ambulances):**

* **Stretcher:** Adjustable, foldable, and with a safety lock system.
* **First Aid Kit**: Bandages, gauze, antiseptics, and splints.
* Plasters, safety pins, sterile gloves, swabs for cleaning, cotton wool, scissors, and a headlamp.
* **Oxygen Supply**: Cylinders with masks and nasal cannulas.
* **Basic Monitoring Devices:**
* **Blood pressure monitor set.**
* **Pulse oximeter.**
* **Suction Device**: Portable and functional for airway clearance.

1. **Emergency Lights and Siren:** For safe and quick transportation.
2. **Advanced Life Support (ALS) Equipment (For emergencies or critical patients):**
3. **Defibrillator**: Automated external defibrillator (AED) or manual defibrillator.
4. **Advanced Airway Equipment:** Intubation kits (endotracheal tubes, laryngoscope) and Bag-valve mask (BVM).
5. **Medications and Consumables:**

* Essential emergency medications (e.g., epinephrine, naloxone, glucose, antihistamines).
* IV fluids (saline, Ringer’s lactate).
* Disposable gloves, masks, and gowns for infection prevention.

1. **Neonatal Transport Incubator:** For transporting infants.
2. **Emergency Kits:**

**Trauma Kits (for accident response) and It Contents include:**

* Tourniquets.
* Hemostatic agents (e.g., gauze).
* Trauma shears
* Chest seals
* Splints (e.g., SAM splints).
* ABD Dressing Pads
* Burn care supplies (gel dressings, burn sheets)
* Eye wash and protective equipment (goggles)

1. **Support Features:**
   * **Storage Compartments:** For keeping supplies organized and secure.
   * **Backup Power:** Additional battery (capacity 150-200 Ah) or inverter for uninterrupted power supply to medical devices.
   * **Hygiene Facilities:** Disinfectants, hand sanitizers, and easy-to-clean surfaces.
   * **Seating:** Comfortable seating for the nurse or accompanying healthcare provider.
   * **Lighting**: Adequate interior lighting for medical care during transport.