

**GENERAL AMBULANCE SPECIFICATIONS FOR SRI LANKA**

**Quantity required -** 2 ambulances.

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| **#** | **Item** | **Specification** | **Please put your comments**  **(Yes / No)** |
| 1. | Brand | Any | Brand name |
| 2. | Transmission | Fully automatic transmission |  |
| 3. | Steering system | Right hand drive |  |
| 4. | Liquid fuel | Diesel (please consider appropriate emission standards for Sri Lanka) |  |
| 5. | Engine | * Must be capable to at least attain 60km/h in 25 seconds * Must be powerful enough to do all intended operations without compromising effort |  |
| 6. | Engine access | Access with minimum effort should be possible |  |
| 7. | Maintenance | Should be possible with general workshop tools |  |
| 9. | Exhaust system | * Must be made of materials that do not corrode easily * Must not be directed towards the ground or directed such that exhaust gases enter into the vehicle * Must not be installed near the air intake for the engine |  |
| 10. | Brake system | * Must be strong enough to hold the full load of the vehicle at 50% gradient * Parking brake is preferred to be independent, although service brake can be used as parking brake as well |  |
| 11. | Airconditioning | Both cabins (i.e. driver cabin and patient cabin) must be airconditioned |  |
| 12. | Vehicle type and door | Box-type vehicle with revolving door with length of 4 - 6.5m, width 2.5 m and height not more than 2.6m |  |
| 13. | Vehicle capacity | Must have sufficient space to fit two stretchers securely. Each stretcher must have a capacity of at least 100kg. |  |
| 14. | Sliding window inside ambulance | At least one sliding window of 0.1m x 0.05m between cabins for face-to-face communication |  |
| 15. | Glass tinting | All glass at the back must be tinted to prevent UV rays from sunlight harming patients |  |
| 16. | Electrical system | 12/24 V of adequate direct current must be supplied to all machines |  |
| 17. | Finishing | * Non-corrosive metal must be used * Metal treatment required to prevent corrosion |  |
| 18. | Spare parts | * Spare parts must be available for at least 10 years * During this time, supplier must provide all parts * If in-house repairs are not possible, technical support must be provided by supplier ASAP |  |
| 19. | Safety | * 2kg powder fire extinguisher must be installed * Seat belts, padding, and head rest required in all seats |  |

# AMBULANCE EQUIPMENT LIST

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| **SL** | **Basic features** | **Please put your comments**  **(Yes / No)** |
| 1 | Medical cabinet |  |
| 2 | Attendant Seat |  |
| 3 | Partition between driver and patient compartment |  |
| 4 | Emergency medical technician seat |  |
| 5 | Rear foldable step |  |
| 6 | IV holder |  |
| 7 | Grab handle |  |
| 8 | Rear air-conditioning |  |
| 9 | Oxygen cabinet |  |

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| **SL** | **Recommended Medical Equipment** | **Please put your comments**  **(Yes / No)** |
| 1 | Main Stretcher |  |
| 2 | Foldable Stretcher |  |
| 3 | First Aid Kit |  |
| 4 | Central Oxygen System |  |
| 5 | Portable Oxygen System |  |
| 6 | Suction Aspiration |  |
| 7 | Defibrillator |  |
| 8 | Bluetooth Transmission |  |
| 9 | Portable Suction Unit |  |
| 10 | Manual Suction Unit |  |
| 11 | Spine Board |  |
| 12 | Head Immobilizer |  |
| 13 | Scoop Stretcher |  |
| 14 | Vacuum mattress |  |
| 15 | Glucometer |  |
| 16 | Portable Ventilator |  |
| 17 | Portable Patient Monitor |  |