

Technical Specification of Ambulance

| Sl. No. | Criteria | Required Specification | Offered Specification |
|---------|-----------------------|---|---|
| 1. | General | Hard Top Jeep, 4WD, Right Hand Drive model suitable for driving in Nepal. Gross vehicle weight of the vehicle shall not less than 2400 Kg and shall have seating capacity for at least driver, co-passenger and patient. | Make : Model : Origen of Country: |
| 2. | Engine | Diesel Engine, developing maximum rated power output not less than 60 BHP & maximum torque not less than 110 NM at governed RPM, Engine Displacement not less than 2400CC | |
| 3. | Wheel Base | Not more than 2800mm | |
| 4. | Overall Length | Not more than 4500mm | |
| 5. | Emission Standard | The Emission standard of the vehicle should comply with the latest "Vehicle Mass Emission Standard" of Nepal which is to be certified by Department of Transport Management Nepal. | |
| 6. | Gauges | To include water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance. | |
| 7. | Clutch | Single Dry Plate | |
| 8. | Transmission | Manual shift at 5 forward and one reverse, floor mounted engaged through control at driver seat. | |
| 9. | Ground Clearance | Minimum 165 mm | |
| 10. | Suspension | Leaf Springs/ coil springs/ torsion bar/ shock absorbers at front and rear. | |
| 11. | Tyres | Standard Size | |
| 12. | Steering | Power Steering | |
| 13. | Brakes | Front Ventilated Disc type, rear disc/ drum type, hydraulic operated on all wheels, and parking brake dual circuit preferred. | |
| 14. | Cab | 2 side doors and 1 back door, all metallic cab with insulated roof, laminated glass windscreen, front washer and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger. Sun visor, rear view mirror and two side view mirror. | |
| 15. | Chassis & Frame | Heavy duty metal frame | |
| 16. | Essential Accessories | <ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light and turn signals. 2. Cabin Lights. 3. Speedometer/ Odometer. 4. One Spare wheel with tyre and tube. 5. Suitable jack and handle. 6. Seat belt for driver and co-driver. 7. Flashing Light on top (As per Nepal Standard) 8. Anti- Skid floor Equipped with all accessories offered in the standard model but not limited to the above items. | |

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Mechanical Engineer



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| 17. | Emergency Equipment | <ol style="list-style-type: none"> 1. Stethoscope 2. B. P. Set 3. Torch Light 4. Tongue Depressure 5. Drips 6. Cannula and Syringes 7. ECG Monitor and Oxygen Monitor 8. Intubation Set 9. Various Intubation Tubes and Laryngeal Tubes 10. Nebulizer Set 11. Ambu Bag 12. Manual Suction Set 13. Cervical Collars 14. CPR Board 15. Oxygen Supply 16. Automated External Defibrillator (AED) 17. Delivery Sets 18. Dressing Sets 19. Splints 20. Catheterizations Sets 21. Haemostatic Sets 22. Siren 23. Saline Stand |
| 18. | Others | According to B class type Ambulance Accessories |
| 19. | Instructions | All signs and instructions in the vehicle shall be in English. |
| 20. | Manuals | One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle. |
| 21. | Tools | A set of tools as required for general maintenance shall be supplied. |
| 22. | Colour | 2/3 Outer body portion yellow & remaining left/right green & red in Battenberg or chess board design |
| 23. | Production | Vehicle should be of Current model manufactured in 2022 or onwards. |
| 24. | Warranty | Manufacturer shall provide a minimum of One year or 20,000 km which ever earlier after acceptance. |
| 25. | Delivery | The 1 Unit Ambulance shall be delivered to: Tarkeshor Municipality, Kathmandu |

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Mechanical Engineer

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 Signature:



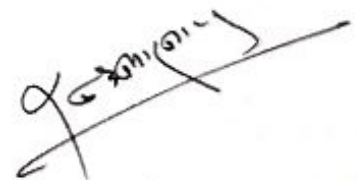
Cost Estimate for the purchase of Ambulance

The major technical specification of the Ambulance that is intended to be purchased by Tarkeshor Municipality, Kathmandu is as follows:

1. Engine volume not less than 2400CC .
2. Power output at governed RPM: Not less than 60 BHP
3. Torque output at governed RPM: Not less than 110 NM at governed RPM
4. Manual shift at least five forward and one reverse, floor mounted..
5. Warranty : Minimum 1 year warranty
6. Emergency Equipment: According to B class type Ambulance Accessories and Others

Based on the past experiences of procurement and enquires recently made with suppliers, the cost of the Ambulance intended to be purchased having above technical specification is estimated as below :

| N. | Description | Quantity | Total Estimated Cost (in NRs) (Including VAT) | Remarks |
|----|-------------|----------|--|----------|
| | Ambulance | 1 Unit | 25,00,000/- (In The Word Rs. Twenty Five Lakh Only | Estimate |



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