


## Technical Specifications

### Paterwa Sugauli Rural Municipality, Paterwa Sugauli (Parsa)

**Ambulance 4WD**

**Qty: - One unit**

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	<b>Hard Top Ambulance, 4 WHEEL DRIVE, Right Hand Drive</b> model suitable for driving in Nepal. Gross Vehicle Weight of the Vehicle shall not be less than 2300 kgs and shall have seating capacity for at least driver, passenger and patient.	Make: Model:
2	Engine	<b>4-Stroke, Water cooled Diesel Engine</b> , developing Maximum rated power output not less than 45 kw at governed RPM and Maximum torque not less than 110 NM at governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	Make: Model:
3	Emission Standard	The Emission standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard, 2069, which is to be certified by Department of Transport Management, Nepal	
4	Gauges	To include speedometer, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Dry Plate	
6	Transmission	Manual shift at least five forward and one reverse	
7	Ground clearance	High ground clearance preferred, minimum 160 mm.	
8	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
9	Tires	Standard size	
10	Steering	<b>Power Steering</b>	
11	Brakes	Front : Disc type, Rear: Disc / Drum type hydraulic operated on all wheels, and parking brake	
12	Cab	At least 3 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 drive and co- passenger. Sun visor, rear view mirror and two side view mirrors.	
13	Chassis and frame	Heavy duty with toe-hook in front and rear preferred.	

  
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14	Essential Accessories	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. Front Seat Belt for driver and co-passenger 8. Stretcher 9. Siren 10. Oxygen Cylinder holder 11. Saline Bottle holder Equipped with all accessories offered in the standard model but not limited to the above items	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied.	
18	Color	Standard color	
19	Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine	
20	Warranty	Manufacturer shall provide a minimum of one-year warranty after acceptance.	
21	Delivery	The Hardtop (Ambulance) one unit shall be delivered to: <b>Paterna Sugauli Rural Municipality, Paterna Sugauli (Parsa) Madhesh Province, Nepal</b>	
22	Basic Life Support Equipments	The ambulance must contain all basic life support equipments (Type B Ambulance) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal)	

**Note :- Above rate includes all clear and forwarding charges, draft charges, and delivery up to Paterna Sugauli Rural Municipality, (Parsa) including one percent custom charges.**

**Note:** The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.

Bidder's Signature..... Date.....

**Prepared By:**

Name: Prem Kumar Jha

Mechanical Engineer

Heavy Equipment Division, Itahari

Signature and Date :



## Estimate Sanction Form

1. Name of work: Supply and Delivery of a 4WD Ambulance
2. Location: Paterwa Sugauli Rural Municipality, Paterwa Sugauli (Parsa)
3. a) The specifications of the proposed work is based on past procurement experiences and market study.  
b) Estimated Amount = NRs. 22,00,000.00 (Two million and two hundred thousands only)
4. a) The estimate of the proposed work is based on past procurement experiences and market study.  
b) All the numbers and arithmetical calculations carried out in this estimate are correct.
5. a) The submitted cost estimates, drawings are correct in accordance with the approved departmental norms and follow the general engineering principles in practice, hence is recommended.  
b) Recommended amount= NRs.



  
Prepared by  
Mechanical Engineer

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Checked and Recommended by

6. For this work, an amount of = NRs.  
Is approved.

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Approved by



## Abstract of Cost

Name of work :Supply and Delivery of a 4WD Ambulance for Paterva Sugauli Rural Municipality, (Parsa)

S.N	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US\$	NRs	US\$	NRs	
1	Hard Top Ambulance, 4 WHEEL DRIVE Maximum rated power output not less than 45 kw and Maximum torque not less than 110 NM The ambulance must contain all basic life support equipments (Type B Ambulance) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal)	Unit	1		22,00,000.00		22,00,000.00	
	VAT						N/A	
	Total Amount ( NRs)						22,00,000.00	

Note :- Above rate includes all clear and forwarding charges, draft charges, and delivery up to Parsa Sugauli Rural Municipality,(Parsa) including one percent custom charges.

Mechanical Engineer

*[Signature]*  
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