

Technical Specification of Agricultral Ambulance

S.N.	Criteria	Office Requirement	Offered Specifications
1	General	Single cab 4WD , Right Hand Drive mode suitable for drive in rough and hilly road conditions in Nepal . Gross vehicle weight of the vehicle shall not be less than 2750 Kg and Payload shall not be less than 1010 Kg and shall have seating capacity for atleast 2 persons including driver, vehicle must be latest model	
2	Engine	Four stroke, four cylinder turbo charged diesel engine having volume Min. 2200 CC, maximum rated power output not less than 46.3 KW at governed rpm with torque minimum 195 NM, engine fully equipped with accessories for efficient full load operation of the vehicle	
3	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass Emission Standard 2082 which must be certified by Department of Transport Management, Nepal.	
4	Gauges	Gauges as necessary for efficient operation and maintenance etc.	
5	Transmission	Manual shift at least 5 forward and 1 reverse, synchromesh on all gears	
6	Wheelbase	Wheelbase should be minimum 2975 mm	
7	Ground Clearance	High ground clearnce is preferred	
8	Fuel Tank Capacity	Minimum 52 Litre	
9	Essential Accessories	a. Head light, tail and rear light, reversing light, turn signals. b. Cabin lights. c. Speedometer/ odometer d. One spare wheel with tyre and tube. e. Suitable Jack & Handle f. Seat belt for driver To be equipped with all accessories as per manufacturer's standard model but not limited to above items.	
10	Suspensions	Leaf spring/ Coil Spring/ Torsion bar/ Shock Absorber	
11	Tyres	Standards	

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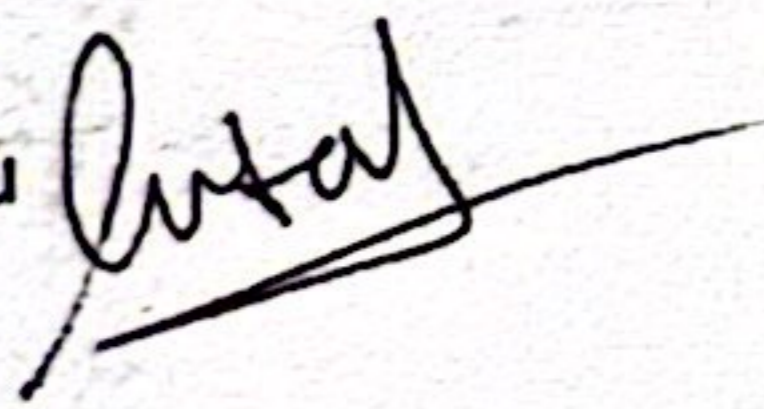


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12	Steering	Power steering	
13	Brakes	Hydrualic Disc/ Drum	
14	Chassis and Frame and other	Steel, heavy-duty suitable for rough road conditions of Nepal and outer cargo enclosed box shall have a following dimesions: Cage Height: minimum 1000 MM Frame members of MS square pipe and having steel wire mesh structure Grid size: 50*50 MM Top Floor: With wire mesh rectangular frame Primer and Top coat shall be applied to cargo box and its all parts Rear Gate: Full opening hinged gate with lock	
15	Instructions	All signs and instructions in the vehicle shall be in english	
16	Manuals	One copy of operator's and owner's instructions and maintenance manual in english shall be provided	
17	Tools	A set of tools as required for general maintenance shall be provided	
18	Warranty	Minimum one year of warranty shall be provided after acceptance	
19	Delivery	Single Cab Van shall be deliver to : Krishi Bikash Nirdesanalaya, Doti	

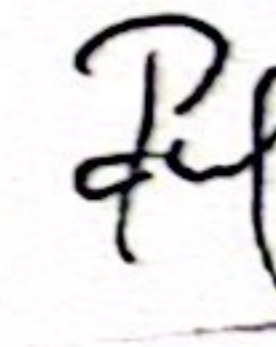
Prepared By:
Er. Subas Badu



Er. SUBAS BADU
Automobile Engineer
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Approved By:



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Cost Estimate for the Purchase of Agriculture Ambulance

Based on past experiences of procurement, enquiries recently made with suppliers, and budget allocated for the procurement, the cost of the agriculture ambulance intended to be purchased having above technical specification is estimated as below:

Item	Description	Quantity	Unit estimated cost in Rs. Including VAT	Total Price
1	6 Units of Single Cab Agriculture ambulance specified in Specification	6	31,00,000.00	1,86,00,000.00
In Words: One Crore eighty six lakh rupees only.				

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