



नेपाल सरकार
भौतिक पूर्वाधार तथा यातायात मन्त्रालय
सडक विभाग
ट्रेभी ईक्वीपमेन्ट डिभिजन

नेपालगंज (बाँके)

प.सं. प्रा. २०७९/०८०
च.नं. ६३



मिति :- २०७९/१०/२७

श्री सोरु गाँउपालिका
जिमा (मुगु)

विषय: मेकानिकल ईन्जिनियर पठाइएको सम्बन्धमा

उपरोक्त सम्बन्धमा तहाँको प.सं. ०७९/०८०, च.नं. ९७८ को प्राप्त पत्रानुसार तहाँ कार्यालयका लागी खरिद गरिने एम्बुलेन्सको लगत ईस्टिमेट तथा प्राविधिक स्पेशिफिकेशन तयार गर्न यस कार्यालयलाई थप आर्थिक दायित्व नपर्ने गरी मेकानिकल ईन्जिनियर श्री ओम बहादुर थापालाई खटाइएको ब्यहोरा अनुरोध छ।

जय मंगल राय
(डिभिजन प्रमुख)

डिभिजन प्रमुख

बोधार्थ:

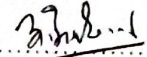
मे.ई. श्री ओम बहादुर थापा: माथी उल्लेख भएअनुसार सम्बन्धित कार्यालयसंग समन्वय गरी काम गर्नुहुन।

मिति २०७९।१०।२९

श्री सोरु गाउँपालिका
जिमा (मुगु)

विषय : प्राविधिक स्पेशिफिकेशन तथा लगत ईस्टिमेट पठाइएको सम्बन्धमा

उपरोक्त सम्बन्धमा तहाँ कार्यालयको प.सं.०७९।८० ,च.नं. ९७८ को प्राप्त पत्र अनुसार तहाँ कार्यालयको लागी खरिद गरिने एम्बुलेन्स थान एकका लागी प्राविधिक स्पेशिफिकेशन पाना दुई तथा लगत ईस्टिमेट पाना दुई तथा सवारी साधन जिप थान एकका लागी प्राविधिक स्पेशिफिकेशन पाना दुई तथा लगत ईस्टिमेट पाना दुई गरी जम्मा पाना ८(आठ) यसै पत्रसाथ संलग्न गरी पठाइएको व्यहोरा अनुरोध छ ।



ओम बहादुर थापा
मेकानिकल ईन्जिनियर
मेकानिकल ईन्जिनियर

नोट:- क) रिफरेन्सका प्रयोग गरिएका तपसिलमा उल्लेख विभिन्न दुई कम्पनीका एम्बुलेन्सका ब्रोसरहरु

- 1) Mahindra Bolero Ambulance 4WD
- 2) Tata Yodha Ambulance 4WD

ख) रिफरेन्सका प्रयोग गरिएका तपसिलमा उल्लेख विभिन्न दुई कम्पनीका जिपका ब्रोसरहरु

- 1) Mahindra Scorpio S5 4WD
- 2) Tata Storme Jeep 4WD

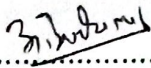


Abstract of Cost

Name of work : Supply and Delivery of a 4WD Ambulance for Soru Rural Municipality, Jima (Jajarkot)

S.N	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US\$	NRs	US\$	NRs	
1	Hard Top Ambulance, 4 WHEEL DRIVE	Unit	1		22,00,000.00		22,00,000.00	
	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)							
	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 Soru Rural Municipality,(Mugu) including one percent custom charges.



 Mechanical Engineer
 मेकानिकल ईन्जिनियर



Estimate Sanction Form

1. Name of work: Supply and Delivery of a 4WD Ambulance
2. Location: Soru Rural Municipality, Jima (Mugu)
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)



[Signature]

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Mechanical Engineer

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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.

Checked and Recommended by

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

Approved by


Technical Specifications

Soru Rural Municipality, Jima (Mugu)

Ambulance 4WD

Qty: - One unit

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Hard Top Ambulance, 4 WHEEL DRIVE , Right Hand Drive 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	4-Stroke, Water cooled Diesel Engine , 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	Power Steering	
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: Soru Rural Municipality, Jima (Mugu) Karnali Province, Nepal	
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 Soru Rural Municipality,(Mugu) including one percent custom charges.

Note: The major items are indicated by bold and highlighted letters/alphabets/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: Om Bahadur Thapa

Mechanical Engineer

Heavy Equipment Division, Nepalgunj

Signature and Date :

Om Bahadur Thapa
मेकानिकल इन्जिनियर



Technical Specification

OWNER:- Soru Rural Municipality, Jima (Mugu)

4WD HARDTOP JEEP

1 Units

S. N.	Criteria	Office Requirements	OFFERED SPECIFICATION
1.	General	Hard Top Jeep, Right Hand Drive model with four wheel drive , suitable for driving in rough and hilly road condition of Nepal at an altitude upto 2000 meter and in ambient temperature between minus 5 to 50 degree Celsius. The gross vehicle weight of the vehicle shall not be less than 2400 kg and shall have seating capacity for at least 7 persons including driver .	Make: Model: Country of Origin:
2.	Engine	Water cooled four stroke diesel engine .The maximum power and torque output shall not be not less than 120 HP and 280 Nm at governed RPM . The engine shall be fully equipped with accessories for efficient full load operation of jeep at operating condition.	Make: Model:
3.	Emission Standard	The Emission Standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by " Nepal Vehicle Mass Emission Standard 2069 " which is to be certified by Department of Transport Management, Nepal .	
4.	Gauges	To include gauges and meters for necessary and efficient operation and maintenance of the vehicle	
5.	Clutch	Dry, Single plate	
6.	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh; 4WD engaged through control at driver seat.	
7.	Tires	Standard size	
8.	Dimension and Weight	Wheelbase: Minimum 2500 mm Ground Clearance: Minimum 180 mm	
9.	Suspension & Brakes	<u>Suspension</u> Front- Independent Torsion Bar /Double Wishbone Rear- Coil spring suspension Brakes :- Front: Disc type Rear: Disc / Drum type Hydraulic operated brakes on all wheels Parking Brake: dual circuit parking brake preferred.	
10.	Steering	Power Steering	
11.	Turning Radius	Not more than 6 meters.	
12.	Fuel Tank Capacity	Minimum 60 Ltrs.	
13.	Cab	4 side door and 1 back door, all metallic cab with insulated roof, laminated/tinted ass wind screen washers and wipers, comfortable and adjustable seats for driver and co-driver, two sun visors, a rear view mirror and two side view mirror.	
14.	Chassis & Frame	Steel, heavy duty, with toe-hooks in front and rear.	


 मेकानिकल इन्जिनियर
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15.	Essential Accessories	<p>The vehicle should be equipped with:</p> <ul style="list-style-type: none"> • Head lights, tail and rear lights, reversing lights and turn signals • Cabin lights • Odometer / Speedometer • 1 spare wheel with tyre and tube • Suitable hydraulic jack with handle • Seat belts for driver and co-driver • Antilock Braking System • Dual front air bag safety system • Central Door Locking System • Power windows (front & rear) • Heating, Ventilation & AC <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>	
16.	Instructions	All signs and instructions in the vehicle shall be in English .	
17.	Manual	One copy of the operators and owner's instruction and maintenance manual in English .	
18.	Tools	A set of tools for general maintenance shall be supplied.	
19.	Colour	Standard	
20.	Proven Performance	<ol style="list-style-type: none"> 1. The machine offered shall be a current model under standard production by the manufacturer for at least one year. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine. 	
21.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance .	
22.	Initial Service	The supplier shall provide with the vehicle all the necessary filters and spare parts required for the first services, after the vehicle has been commissioned and accepted.	
23.	Delivery	<p>The vehicle one unit should be delivered to:</p> <p style="text-align: center;">Soru Rural Municipality Sima (Jajarkot)</p>	

Note: The major items are indicated by bold and highlighted letters/alphabets/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:

Om Bahadur Thapa

Mechanical Engineer

Heavy Equipment Division, Nepalgunj

Date and Signature –

Om Bahadur Thapa


Estimate Sanction Form

1. Name of work: Supply and Delivery of a 4WD Hardtop Jeep
2. Location: Soru Rural Municipality, Jima (Mugu)
3. a) The specifications of the proposed work is based on past procurement experiences and market study.
b) **Estimated Amount = NRs 62,00,000.00 (Six millions Two Hundred Thousands only)**



[Handwritten Signature]

Prepared by
Mechanical Engineer

मेकानिकल ईन्जिनियर

4. a) The estimate of the proposed work is 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.

Checked and Recommended by

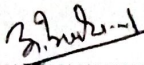
6. For this work, an amount of = NRs.
Is approved.

Approved by

Abstract of Cost

1. **Name of work** :Supply and Delivery of a 4WD Hardtop Jeep for Soru Rural Municipality,Mugu

S.N	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US\$	NRs	US\$	NRs	
1	Standard Hard Top Jeep, Right Hand Drive model with four wheel drive Water cooled four stroke diesel engine .The maximum power and torque output shall not be not less than 120 HP and 280 Nm at governed RPM. Equipped with following major accessories <ul style="list-style-type: none"> • Antilock Braking System • Dual front air bag safety system • Central Door Locking System • Power windows (front & rear) • Heating, Ventilation & AC 	Unit	1		54,86,730.00		54,86,730.00	
	Sub total of machine						54,86,730.00	
	VAT						7,13,274.90	
	Total Amount (NRs)						62,00,004.90	



 Mechanical Engineer