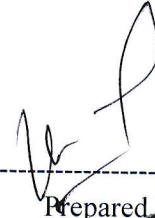


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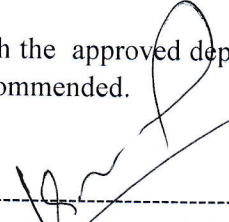
Estimate Sanction Form

1. Name of work: Supply and Delivery of Vehicle.
2. Location: Baitidi
3. a) The specifications of the proposed work is based on office need, past procurement experiences and
b) Estimated Amount : **NRs. 55,82,200.00 (Nepalese Rupees Fifty-five lakh eighty-two thousand two hundred only)**



Prepared by
Senior Divisional Engineer
Mechanical

4. a) The estimate of the proposed work is based on departmental norms and general engineering
b) The proposed estimate is prepared on the basis of approved rate and rate analysis norms.
c) 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
Senior Divisional Engineer

Senior Divisional Engineer
Mechanical

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

Approved by

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Abstract of Cost

Name of work : Supply and Delivery of vehicle.

S.N.	Description of work	Unit	Quantity	Rate	Amount	Remarks
				NRs	NRs	
1	Five doors, Right hand drive, 4 WD Jeep.	Unit	1	4940000.00	4940000.00	
	Sub-total				4940000.00	
	VAT @ 13%				642200.00	
	Total				5582200.00	

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Quantity Estimate of : Supply and Delivery of vehicle.

S.N.	Description of work	Unit	Quantity	Remarks
1	<p>Five doors Right Hand Drive, 4 WD Jeep.</p> <p>Specification: Minimum Gross Vehicle Weight 2500 kg or minimum Kerb weight shall be 1900 kg ENGINE POWER not less than 120 PS at the governed RPM and engine displacement range 2000 cc. Manual shift transmission with at least five forward and one reverse gear. Minimum ground clearance 180 mm. Power assisted Steering. Front disc type, rear drum or disk type; Hydraulically operated on all wheels, and mechanical parking brakes. WARRANTY PERIOD (one-year)</p>	Unit	1	

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Checked by

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Senior Divisional Engineer
Mechanical

S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	Five door Right Hand Drive diesel engine 4WD Jeep Type Vehicle suitable to operate in rough and hilly road condition of Nepal with operating conditions -5 degree C to 50 degree C and altitude upto 2000 m, minimum Gross Vehicle Weight (GVW) of the vehicle shall be 2600 kg or minimum Kerb weight shall be 2000 kg and shall have seating capacity for at least 7 passengers including driver	Make: Model:
2	Engine	Water cooled diesel engine with minimum displacement of 2000cc developing SAE rated power not less than 120 HP at the governed RPM, developing maximum torque not less than 250 Nm at the governed RPM shall be fully equipped with accessories for efficient full load operation.	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.	
4	Gauges	Speedometer, Water Temperature indicator, Fuel level indicator, Odometer as necessary for the efficient operation and maintenance	
5	Clutch	Dry, Single plate	
6	Transmission	Manual shift at least five forward and one reverse , 4WD engagement through control at the driver seat	
7	Ground Clearance	180 mm minimum	
8	Steering	Power Steering / Power Assisted	
9	Turning Radius	Minimum turning radius should be less than 6 m	
10	Suspension	Leaf springs/Coil springs/ Torsion bars and shock absorbers at front & rear	
11	Tyres	Standard size tyre	

105 P.
Engineer

12	Brakes	Front disc type , rear drum/disc type preferred, hydraulic operated on all wheels, and mechanical parking brake	
13	Cab	4 side door and 1 back door , all metallic cab with insulated roof, laminated/tinted glass wind screen washers and wiper, comfortable and adjustable seats for driver and co-passenger, front and middle seat front facing and rear side facing seat, two sunvisor, rear view mirror and two side view mirror	
14	Chassis and frame	Steel, heavy duty suitable for rough road conditions with towing hooks at the front or rear.	
15	Essential Accessories	<p>The vehicle should be equipped with with all accessories offered in standard model but not limited to the following items.:</p> <p>1. Head light, tail and rear lights, reverse warning light, turn signal lights, cabin lights</p> <p>2. Speedometer /Odometer</p> <p>3. Seat belts for driver and front passenger</p> <p>4. Suitable front & rear bumper</p> <p>5. Central Door Locking System</p> <p>6. Spare wheel with tyre</p> <p>7. Power windows (front and rear)</p> <p>8. Suitable jack with lever</p> <p>9. Air conditioner with heater</p> <p>10. AM/FM CD with speakers</p> <p>11. Anti-lock Braking system</p> <p>12. Airbag safety system</p>	
16	Instruction	All signs and instruction in the vehicle shall be in English.	
17	Manuals	One copy of the operators and owner's instruction and maintenance manual in English.	

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18	Tools	A set of tools as required for general maintenance shall be supplied.	
19	Color	Standard	
20	Proven Performance	The vehicle offered shall be a current model under standard production by the manufacturer for at least one year.	
22	Warranty	Manufacturer shall provide a minimum of one year warranty	
22	Equivalency of Standards and Codes	Wherever reference is made in the Technical Specifications to specific standards and codes to meet by all the goods and materials to be furnished or tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.	
23	Delivery	The Jeep (4WD) 1 unit shall be delivered to: Shivanath Rural Municipality Office of Rural Municipal Executive Baitidhi	

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 offer .

Senior Divisional Engineer

Prepared by

Babu Ram Kharel
SDE (Mechanical)
Department of Water Resource and Irrigation

Approved by