



# SHARADA MUNICIPALITY

Office Of Municipal Executive  
Khalanga, Salyan

## **Invitation for Catalogue Shopping of Vehicle**

(Date of Notice Publication: 2080-10-28)

Sharada Municipality, Office of Municipal Executive, Khalanga, Salyan intends to procure the following as listed on the table below, Under the catalogue shopping procedure as described on the public procurement act, 2063 & public Procurement Regulation 2064 including amendments. All eligible manufacturer or authorized dealers are invited to submit sealed proposal with their catalogue containing technical data, specifications, price and services within 15 days of date of notice publication during office hour. The manufacturers or authorized dealer must submit copy of firm registration certificate, copy of business certificate, copy of VAT & PAN registration certificate, copy of tax clearance certificate for the fiscal year 2079/080, self declaration letter and letter of manufacturer's authorization along with the application.

S.N	Description	General specification	Quantity	Remarks
1	Supply & delivery of Back Hoe Loader	<ul style="list-style-type: none"><li>Turbocharged water cooled diesel engine with maximum power output not less than 90 HP &amp; maximum torque not less than 350 N-m</li><li>Multipurpose bucket capacity nominally heaped at least 0.9 Cu.m</li></ul>	1 unit	As per approved technical specifications
2	Supply & delivery of Back Hoe Loader Tipper Truck ( Min. 7.5 Cub.m)	<ul style="list-style-type: none"><li>Water cooled diesel engine developing maximum power output not less than 130 KW and Maximum Torque should not be less than 625 Nm.</li><li>Dump body (Cargo box) capacity of min. 7.5 cu.m With hydraulic tipping gear.</li></ul>	1 unit	As per approved technical specifications
3	Supply & delivery of 4WD Tractor (60 HP category)	<ul style="list-style-type: none"><li>4WD Tractor with engine power (60 HP category)</li><li>Hydraulic trailer of dimension not less than (L*B*H) 10ft*6ft*24 inch.</li></ul>	1 unit	As per approved technical specifications

- Note: Price not exceeded than estimated amount (inclusive of all taxes).Detailed specification & Estimate not included in this notice, shall be as per approved technical specifications, Which can be obtained from the office of Sharada municipality or website of <https://shaaradamun.gov.np>

*Chief Executive Officer*

## Technical Specification

**Owner:- Sharada Municipality, Khalanga (Salyan)**

**Backhoe Loader**

**Quantity-1 unit**

S.N.	CRITERIA		REQUIRED SPECIFICATION	OFFERED SPECIFICATION	
1.	General		All/Four Wheel Drive, Heavy Duty Rigid Steel Frame with cab, suitable for operation under rough working condition & Adverse climatic condition of Nepal.  <b>Equipment of make 2023 or onward mandatory</b>	<i>Make:</i> <i>Model:</i> <i>Year of Mfg.:</i> <i>Country of Origin:</i>	
2.	Cabin		All steel enclosed cab with laminated glass windscreen insulated roof, suitably located controls for back hoe(excavator) and loader operation, rear view mirror, cabin light, wiper and adjustable cushioned seat for operator shall be provided.		
3.	Engine		Turbocharged water cooled Diesel Engine with maximum power output not less than 90 HP and Maximum Torque not less than 350 N-m for efficient full load operation of backhoe loader at operating conditions as stated in the bid document. Backhoe loader shall be equipped with all essentials for efficient performance.	<i>Make:</i> <i>Model:</i> <i>Country of Origin:</i>	
4.	Capacity/Size/Performance	Loader	Multipurpose bucket with capacity nominally heaped minimum 0.9 cu.m	BC-	
			Maximum Dump Height	Min. 2700 mm	DH-
			Maximum Digging Depth below ground level	≥20 mm	DD-
		Backhoe	Bucket Capacity	Min.0.27 m <sup>3</sup>	BC-
			Maximum Digging Depth	Min. 4800 mm	DD-
			Maximum Load Over Height	Min. 4000 mm	LOH-
Maximum Working Height	Min. 6000 mm		WH-		
Maximum Reach Ground Level to rear wheel Center	Min. 6800 mm	R-			
6.	Hydraulic Flow	Maximum Pump Flow should be minimum 115 lpm Maximum System Pressure should be minimum 220 bar			
8.	Tyre	Suitable heavy duty four tires with tubes for operating machine in rough road conditions shall be provided.			
9.	Transmission	4 speed system with Torque converter			
10.	Axles	Four Wheel Drive/All wheel drive with fixed rear axle and oscillating front axles.			
11.	Steering	Power/ Power Assisted			
12.	Brakes	Hydraulic Actuated Disc/Caliper type service Brakes & Separate Parking Brake.			
13.	Gauges & Indicators	To include necessary gauges, meters and indicators for efficient operation & Maintenance.			
15.	Essential Accessories	1.Road Lights, Side Indicators, Operating Lights for Loader & Backhoe & Fog lights. 2. Cabin lights 3. Service Hour Meter & 4. A Heavy duty grease gun Equipped with all accessories offered in standard model but not limited to the above items.			
16.	Instructions	All signs & Instructions in Equipment shall be in English Language.			
17.	Manuals	One Hard Copy in English of the a. Operator's /Owner's instructions and maintenance manual, b..Spare parts catalogue shall be supplied with the equipment.			

  
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 सडक निर्माण तथा यातायात मन्त्रालय  
 ईन्जिनियरिङ्ग विभाग  
 ईक्विपमेण्ट डिभिजन  
 नेपालगंज, बाँके

मेकानिकल इन्जिनियरिङ्ग  
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18.	Tools	A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment.	
19.	Color	Standard	
20.	Initial Service and spare parts	Supplier shall provide necessary filters, Spare parts & Lubricant for first servicing up at the municipality office premises as per instructed in operation manual.	
21	Proven performance	1. The machine offered shall be of 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 and production capacity of unit.	
22.	Warranty	Manufacturer shall provide <b>minimum 1 years warranty from date of acceptance.</b>	
23.	Delivery	The Backhoe Loader 1 (One) Unit shall be delivered <b>with all necessary accessories to:</b>  <b>Sharada Municipality Office of the municipal executive Khalanga (Salyan) Karnali Province , Nepal</b>	

**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.

Bidder's Signature.....

Date .....

Prepared By:-

Om Bahadur Thapa

Mechanical Engineer

Heavy Equipment Division, Nepalgunj

Signature and Date:

*Om Bahadur Thapa*

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## Estimate Sanction Form

1. Name of work: Supply and Delivery of a Backhoe Loader
2. Location: Sharada Municipality, Office of the Municipal Executive,  
Khalanga (Salyan)
3. a) The specifications of the proposed work is based on past procurement experiences and market study.  
b) Estimated Amount= NRs. 48,00,000.00 ( Four million and eight 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.

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Checked and Recommended by

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

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Approved by

## TECHNICAL SPECIFICATION

**OWNER:- SHARADA MUNICIPALITY, KHALANGA (SALYAN)**  
**TIPPER TRUCK (Min. 7.5 cub. M.) - One Unit**

S.N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Rear dump type tipping truck, right hand drive with 4X2 drive system with all steel rectangular body with totally flat bottom and sides reinforced to withstand impact of shovel loading, fitted with tailgate. Dump Body (Cargo box) capacity of minimum 7.5 cu.m. with hydraulic tipping gear and standard equipment. Suitable for operation under rough working conditions and adverse climatic condition of Nepal.	Make: Model: Country of Origin:
2	Capacity	Gross vehicle weight shall not be less than 16,000. Maximum climbing ability should not be less than 35%. Minimum ground clearance should not be less than 225 mm	
3	Engine	Water cooled diesel engine, developing maximum power output not less than 130 KW and maximum torque should not be less than 625 Nm (engine fully equipped with accessories) at governed RPM for efficient full load operation of truck at operating conditions as stated in the bid documents, shall be equipped with direct electric starting system, heavy duty battery, heavy duty air cleaner & heavy duty fuel filter, fuel tank with water collection chamber and drain tap.	Make: Model:
4	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' which is to be certified by Department of Transport management.	
5	Gauges	Gauges and meters as necessary for efficient operation and maintenance.	
6	Clutch	Heavy duty disc type	
7	Transmission	Manual shift at least six forward and one reverse, All forward synchromesh	
8	Axles	Front : Steel I section Rear : Heavy duty, Fully floating	
9	Suspension	Front : Heavy duty semi elliptical leaf springs with shock absorber or equally suitable type Rear: Heavy duty multi leaf springs or equally suitable type	
10	Tires	Minimum 10.00X 20-16PR Front: single Wheel with tyre Rear : dual Wheel with tyre	
11	Steering	Power Assisted/ Power Steering	
12	Brakes	S-Cam air brake with mechanical parking brake and engine exhaust brake /Pneumatic dual circuit	
13	Cab	All steel cab with insulated roof, laminated glass windscreen, wipers, glass windows on doors, proper ventilated system, comfortable seats with separate adjustable seat for driver, sun visor, and suitably located hydraulic tipping gear controls	

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14	Chassis and frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
15	Essential Accessories	<ol style="list-style-type: none"> <li>1. Head light, tail and rear light and turn signals</li> <li>2. Cabin lights</li> <li>3. Front and rear two hooks</li> <li>4. Heavy duty front bumper</li> <li>5. Spare wheel with tire and tube</li> <li>6. Hydraulic jack (20 T) with handle</li> <li>7. Seat belt for driver and co-driver .</li> <li>8. DVD/MP3 Player.</li> </ol> <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 equipment shall be in English	
17	Manuals	One Copy of the Operator's and Owner's instructions, maintenance manual in English shall be supplied with the vehicle.	
18	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box.	
19	Color	Standard Color	
20	Proven performance	<ol style="list-style-type: none"> <li>1. The machine offered shall be a current model under standard production by the manufacturer for <b>at least one year</b></li> <li>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 and production capacity of the unit.</li> </ol>	
21	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance.</b>	
22	Initial Service	The supplier shall provide with the equipment all the necessary filters and spare parts required for the first services, after the equipment has been commissioned and accepted.	
23	Delivery	<b>The Tipper Truck, RHD - One unit shall be delivered to:</b> <b>Sharada Municipality</b> <b>Office of the municipal executive</b> <b>Khalanga (Salyan)</b> <b>Karnali Province , Nepal</b>	

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.

Bidder's Signature.....

Date.....

Prepared By:  
Om Bahadur Thapa  
Mechanical Engineer  
Heavy Equipment Division, Nepalgunj  
Signature and date:-

*Om Bahadur Thapa*  
मेकानिकल इन्जिनियर  
नेपाल सरकार  
भौतिक पुर्वाधार तथा यातायात मन्त्रालय  
सडक विभाग  
हेभी ईक्वीपमेण्ट डिभिजन  
नेपालगन्ज, कोशी

## Estimate Sanction Form

1. Name of work: Supply and Delivery of one numbers of tipper (Min. 7.5 cub. M)
2. Location: Sharada Municipality, Khalanga (Salyan)
3. a) The specifications of the proposed work is based on past procurement experiences and market study.  
b) Estimated Amount= NRs. 53,00,000.00( Five million and three hundred thousands only)

  
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सडक विभाग  
सडक विभाग  
नेपालगञ्ज, बाँके

Prepared by  
Mechanical Engineer  
मेकानिकल ईन्जिनियर

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.

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Checked and Recommended by

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

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Approved by

## TECHNICAL SPECIFICATION

**OWNER:- SHARADA MUNICIPALITY, KHALANGA (SALYAN)**  
**EQUIPMENT:- 4WD TRACTOR (60 HP CATEGORY)**

**QTY:- 1 No.**

S.N.	Criteria	Required Technical Specifications	Offered Specifications
1.	General	Diesel engine, Four wheel Drive Tractor suitable to operate in hilly conditions of Nepal, Ground clearance should be minimum 325 mm, Operating weight of vehicle shall not be less than 2500 Kgs. Tractor should be of make 2023 onwards mandatory	<i>Make:</i> <i>Model:</i> <i>Mfg. Year:</i> <i>Country of Origin:</i>
2.	Engine	4 strokes, 4 cylinders, water cooled diesel engine with Max. Power Output in the range 60 HP Category at rated rpm	<i>Make:</i> <i>Model:</i>
4.	Gauges	To include necessary gauges and meters for efficient operation and maintenance.	
5.	Clutch	Double clutch preferred	
6.	Transmission	At least 8 forward and 2 reverse gear (constant mesh /synchronesh gear mesh type)	
7.	Tyres	Standard Size suitable for operation in hilly area	
8.	Steering	Power steering	
9.	Brakes	Oil immersed disc type	
10.	Chassis and Frame	Steel Heavy Duty with toe-hooks.	
11.	Fuel Tank Capacity	Minimum 55 Liters.	
12.	Lifting capacity	Minimum 1800 kgs	
13.	Essential Accessories	1. Head Light, Tail and Rear light, and turn signals. 2. Standard tool set with jack and handle. 3. Foldable canopy	
14.	Instructions	All signs and instructions in the vehicle shall be in English	
15.	Manuals	One copy of the operators and owners instructions in English shall be Supplied with the vehicle.	

  
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16.	Independent PTO	Yes	
17.	Colour	Standard	
18.	Warranty	Manufacturer shall provide minimum warranty valid for <i>one year</i> after the date of acceptance.	
19	Trailer specification	<p>Rear dump type trailer body made of all suitable material with flat base, reinforced to withstand impact of shovel loading. The both side of the body should also have provision to fold as and when required to load and unload materials from side (drop type side deck). Trailer cargo box Body should be fitted with complete hydraulic tipping system for smooth tipping application.</p> <p>Capacity of Trailer cargo box: Approx 3 Cubic meter</p> <p>Hydraulic trailer of minimum size (L*B*H) 10 feet*6 feet*24 inch</p> <p>Chassis channel, chassis base and chassis cross base all should be made from heavy duty channels</p> <p>Enamel paint double coat of standard color should be done after initial priming all over trailer.</p>	
20.	Delivery Place	<p><b><u>The Tractor with trailer one unit should be delivered to:</u></b></p> <p>Sharada Municipality Office of the municipal executive Khalanga (Salyan) Karnali Province , Nepal</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 offer.*

Bidder's Signature.....

Date .....

*Prepared By:-  
Om Bahadur Thapa  
Mechanical Engineer  
Heavy Equipment Division, Nepalgunj  
Signature & Date:-*

*Om Bahadur Thapa*  
मेकानिकल ईन्जिनियर  


# Estimate Sanction Form

1. Name of work: Supply and Delivery of Tractor with Hydraulic Trailer.
2. Location: Sharada Municipality, Office of the Municipal Executive, Salyan
3. a) The specifications of the proposed work is based on past procurement experiences and market study.  
b) Estimated Amount = NRs. 25,53,500.00 (Two million five hundred fifty three thousands and five hundred Only).

  
Prepared by  
Mechanical Engineer  
मेकानिकल इन्जिनियर

4. a) The estimate of the proposed work is based on past procurement experiences and market study  
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.

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Checked and Recommended by

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

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Approved by