



मष्टा गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
भातेखोला, बझाङ
सुदूरपश्चिम प्रदेश, नेपाल



क्याटलग/ब्रोसर सपिडमार्फत Back Hoe Loader खरिदको लागि आह्वान गरिएको सूचना

सूचना प्रकाशित मिति: २०७७/०५/३१

यस मष्टा गाउँपालिकाको आ.व. २०७७/०७८ को वार्षिक कार्यक्रम अनुसार Back Hoe Loader खरिदको कार्यक्रम रहेकोले इच्छुक उत्पादन कम्पनी वा कम्पनीले तोकेको अधिकृत विक्रेता सवारीसाधनको उत्पादनको आधिकारिक मूल्य खुल्ने कागजात (नवीकरण समेत), मूल्यअभिवृद्धि कर दर्ता प्रमाणपत्र, आ.व. २०७६/०७७ को करचुक्ता प्रमाण पत्र, उक्त सवारीहरु सप्लाई गरेको विवरण, सम्बन्धित कार्य अनुभवको प्रमाणपत्र संलग्न राखी यो सूचना प्रकाशित भएको मितिले ८ (आठौँ) दिनको १२ बजेसम्म उपस्थित भई सिलबन्दी प्रस्ताव पेश गर्नुहुन यो सूचना प्रकाशित गरिएको छ । खरिदसम्बन्धि अन्य विविध प्रक्रिया र मापदण्डहरु सार्वजनिक खरिद ऐन, २०६३ को दफा ८ को उपदफा (१) खण्ड (क) को देहाय (८) र सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) मा भएको व्यवस्था र उत्पादन वा अधिकृत विक्रेताद्वारा निर्धारित यसै सूचनाद्वारा जानकारी गराइन्छ ।

क्र.सं.	विवरण	संक्षिप्त विवरण	कैफियत
१	Back Hoe Loader	All-wheel drive, rigid frame back hoe loader with steel cab, suitable for operation under rough working condition, and adverse climate condition and operating altitude of 2000m and ambient temperature varying between -5c to 50c.	संक्षिप्त विवरणमा उल्लेख नभएका कुरा Technical Specification बमोजिम हुनेछ ।

अमर बहादुर जेठारा ०५/२९

नि. प्रमुख प्रशासकीय अधिकृत

प्रमुख प्रशासकीय अधिकृत

Technical Specification

Owner: Masta Gaupalika, Bajhang.

Equipment Name: Four Wheel Drive Backhoe Loader

Quantity: 1 unit

S.N.	CRITERIA		REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1.	General		Four Wheel drive, Heavy Duty Rigid Steel Frame with cab, suitable for operation under rough working condition & Adverse climatic condition at altitude ranging from 80 mtr to 2000 mtr. & ambient temperature varying - 5° to 50°Celsius.	Make: Model: Year of Mfg.: Country of Origin:
2.	Cabin		All steel enclosed cab with laminated glass wind screen 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 developing Power output in the range of (95±5) HP (engine fully equipped with accessories) at governed RPM and Torque not less than 400 N-m for efficient full load operation of backhoe loader at operating conditions. Backhoe loader shall be equipped with heavy duty radiator, direct electric starting system, heavy duty battery, heavy duty air cleaner and heavy duty fuel filter.	Make: Model: Country of Origin: Power: Torque:
4.	Capacity/Size/Performance	Loader	Multipurpose (6-in-1, to facilitate dozing, digging, grading, back filling, grabbing and loading application) bucket with capacity nominally heaped minimum 1 cu.m.	
			Maximum bucket breakout force	Min. 6000 Kgf.
			Dump Height	Min. 2500 mm
			Maximum Digging Depth below ground level	≥100 mm
	Backhoe	Backhoe	Bucket Capacity	Min.0.30 m³
			Maximum Bucket tear out force	Min. 5000Kgf.
			Maximum Digging Depth from Ground Level	≥4500 mm
			Maximum Side Reach	≥5750 mm

		from slew Centre		
5.	Dimen sions	Overall Length (Transportation Purpose)	At most 6400 mm	
		Overall Width (Transportation Purpose)	At most 2450 mm	
		Overall Height (Transportation Purpose)	At most 4000 mm	
6.	Hydra ulic Flow	Maximum total pump flow (Liter per minute)	≥150	
7.	Wheel Base	Minimum 2200 mm		
8.	Ground Clearance	Minimum 280 mm		
9.	Turning Radius (Outside of the Bucket)	Maximum 4.0 Mtr (with Brake)		
10.	Tyre	Suitable heavy duty four tires with tubes for operating machine in rough road conditions shall be provided.		
11.	Transmission	Torque converter with Power Shift/Shuttle type (At Least 4 Forward & 2 Reverse)		
12.	Axles	Four Wheel Drive with fixed rare axle and Minimum 15° oscillation front axles. (Higher degree of oscillation more preferred)		
13.	Steering	Power/ Power Assisted		
14.	Brakes	Hydraulic Actuated Disc/Caliper type service Brakes & Separate Parking Brake.		
15.	Gauges & Indicators	To include necessary gauges, meters and indicators for efficient operation & Maintenance.		
16.	Fuel Tank	Minimum 125 litres capacity		
17.	Essential Accessories	1.Road Lights, Side Indicators, Operating Lights for Loader & Backhoe & Fog lights. 2. Cabin lights 3. Fan for operator, 4.Service Hour Meter & 5.MP3/DVD/FM Player 6. A Heavy duty grease gun 7.Tyre pressure Indicator Gauge Equipped with all accessories offered in standard model but not limited to the above items.		
18.	Instructions	All signs & Instructions in Equipment shall be in English Language.		
19.	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.	
20.	Tools	A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment.	
21.	Color	Standard /Construction yellow	
22.	Initial Service and spare parts	Supplier shall provide necessary filters, Spare parts & Lubricant for first two servicing of the backhoe loader at the office premises as per instructed in operation manual.	
23.	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.	
24.	Warranty	Manufacturer shall provide minimum 1 years warranty from date of acceptance.	
25.	Delivery	The Backhoe Loader 1 (One) Unit shall be delivered with all necessary accessories to: Masta Gaupalika, Bajhang	

Notes:

1. 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.
2. The Bidder is required to state clearly the specifications of his proposed all wheel Backhoe Loader alternatives, if any. Compliance with or variation from the buyer's requirement of the technical specifications shall be duly filled in and signed in the offered specification column of the technical Specification supported by relevant Technical Catalogues/ Leaflets.
3. All technical data mentioned in the offered specification column should be verified with manufacturer's authorized website. The authorized website should be mentioned below.
4. The bidder must submit documentary evidences/ manufacturer declaration showing that the data mentioned in the offered specification column shall match with.

Web site Address:

Bidder's Signature.....


Date

Prepared By:

Bijay Kumar Sah
Mechanical Engineer
Department of Roads
H.E.D., Godavari, Kailali
NEC Regd. No. - 340 'Mechanical' A
Signature and Date:

Approved By:

Amar Bahadur Jethara
Chief Administrative Officer
Masta Gaupalika, Bajhang
Signature and Date:



मेकानिकल इन्जनीयर



Handwritten signature of Amar Bahadur Jethara

