



## लेकम गाउँपालिका गाउँ कार्यपालिकाको कार्यालय



### क्याटलग सपिङ्ग विधिबाट Back Hoe Loader खरिद गर्ने सम्बन्धी सूचना

( प्रथम पटक प्रकाशित मिति :-२०७९/०६/३१ )

यस कार्यालयको लागी आवश्यक भएको उपकरण सार्वजनिक खरिद ऐन २०६३ को दफा ८ उपदफा १ (क) (८) तथा सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) बमोजिम त्यस्तो उपकरण उत्पादक कम्पनि वा सो को आधिकारिक बिक्रेताहरु बिच मात्र प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिबाट खरिद गर्नुपर्ने भएकाले सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) को उपनियम २ अनुसार देहाय बमोजिमको उपकरणका उत्पादक वा अद्यावधिक नविकरण भएको पत्र, मूल्य अभिवृद्धि कर दर्ता प्रमाण पत्र, २०७८/०७९, सम्मको कर चुक्ता गरेको प्रमाणित कागजात, उक्त उपकरण सप्लाई गरेको हाल सम्मको विस्तृत विवरण, सम्बन्धित कार्य अनुभवको प्रमाणपत्र, उत्पादनको आधिकारिक प्राविधिक स्पेसिफिकेशन, मूल्य, गुणस्तर तथा सुबिधा सहितको विवरण (क्याटलग वा ब्रोसर) संगलन राखी यो सूचना प्रकाशित भएको मितिले १६ औं दिन १२:०० बजे सम्म यस कार्यालयमा निवेदन दर्ता गराउन सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) बमोजिम यो सूचना प्रकाशित गरिएको छ। पेश गर्ने अन्तिम दिन सार्वजनिक बिदा परेमा बिदा पछिको कार्यालय खुलेको दिन निवेदन पेश गर्न सकिने छ। थप जानकारीको लागि कार्यालयको वेबसाइट [www.lekammun.gov.np](http://www.lekammun.gov.np) वा फो.न: ९८६८४५८१९१ मा सम्पर्क राख्न सकिने छ।

तपशिल:

सि.न.	उपकरणको नाम	संक्षिप्त विवरण	कैफियत
1	Back hoe loader (1 unit)	All wheel drive, rigid frame <b>Loader:</b> Bucket Capacity: Approx 1 cu.m Break out force: not less than 6000 Kgf <b>Backhoe</b> Bucket Capacity: Approx 0.3 cu.m Break out force: not less than 5500 Kgf Minimum working height: not less than 5800 mm Minimum digging depth: not less than 4600 mm Minimum digging reach: not less than 6800 mm Power at governed RPM: Not less than 90 hp Torque at Rated RPM: 375 N-m, Streeing: Power assisted Tires: Heavy duty four tires with tubes.	संक्षिप्त विवरण उल्लेख नभएका कुराहरु स्वीकृत Technical Specification बमोजिम हुनेछ। स्वीकृत Technical Specification को कार्यालयमा सम्पर्क गर्न सकिनेछ।

प्रमुख प्रशासकीय अधिकृत  
नारायण दत्त भट्ट  
नि.प्रमुख प्रशासकीय अधिकृत





## Backhoe Loader

# Technical Specification of Backhoe loader

S.N	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1.	General	All wheel drive, rigid frame back hoe loader with Steel cab, suitable for operation under rough working conditions, and adverse climate condition at operating altitude of 2000 m and ambient temperature varying between -5°C to 50°C.	
2.	Capacity	<ol style="list-style-type: none"> <li>1. Operating weight not less than 8000 kg</li> <li>2. Loader: General purpose bucket with (6 in1) bolt on teeth of SAE rated capacity nominally heaped approx. 1 cu.m with shovel break out force not less than 6000 kgf. <ul style="list-style-type: none"> <li>• Dump Height: <math>\geq 2700</math> mm</li> <li>• Load over height: <math>\geq 3300</math> mm</li> <li>• Pin Height : <math>\geq 3500</math> mm</li> </ul> </li> <li>3. Back hoe bucket with bolt on teeth of SAE rated capacity approx. 0.3 cu.m with tear out force 5650 kgf and following working ranges: <ul style="list-style-type: none"> <li>• Minimum working height: <math>\geq 5800</math> mm</li> <li>• Minimum digging depth: <math>\geq 4600</math> mm</li> <li>• Minimum digging reach: <math>\geq 6800</math> mm (Ground Level to rear wheel center)</li> </ul> </li> </ol>	
3.	Engine	Water Cooled diesel Engine, developing SAE rated Gross <b>HP not less than 90 HP with minimum 375NM Torque</b> (engine fully equipped with accessories) at governed RPM for efficient full load operation. Back hoe shall be equipped with heavy duty radiator, cold starting device, direct electric starting system, heavy duty battery, heavy duty air cleaner, heavy duty fuel filter, with water trap and drainage in fuel line and drain tap in fuel tank.	
4.	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission and hydraulic gauges as necessary for efficient operation and maintenance.	
5.	Transmission	<b>Torque converter with four speed power shift type</b> of synchroshuttle transmission.	
6.	Axles	<b>Four wheel drive</b> with fixed rear axle and at least 15° oscillating front axles.	
7.	Tires	Suitable <b>four tires with tubes</b> for operating machine in rough road conditions shall be provided.	
8.	Steering	Power assisted Hydrostatic steering.	
9.	Brakes	Hydraulically actuated, wet multiple disc/caliper disc type service brake and separate parking brake.	
10.	Cab	All steel enclosed cab with laminated glass windscreen insulated roof, suitably located controls for back hoe and loader operation, rear view mirror, cabin light, wiper and adjustable cushioned seat for operator shall be provided.	
11.	Hydraulics	Suitable hydraulic pumps and system pressure <b>not less than ( 220 bar)</b> for smooth operation of all attachments smoothly.	



12.	Essential Accessories	1. Road lights, work lights and fog lights 2. Cabin Lights 3. Service hour meter	
13.	Instructions	All signs and instructions in the equipment shall be in English	
14.	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with the each equipment. 2. Two copies of following manuals in English shall be supplied with each equipment : a. Spare parts catalogue b. Comprehensive workshop manual.	
15.	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit	
16.	Color	Orange / Construction equipment yellow.	
17.	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance.</b>	
18	<b>Delivery</b>	<b>1 unit backhoe loader shall be delivered to lekam Rural Municipality,Darchula, Sudurpashchim province ,Nepal</b>	

**Note:- The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.**



*[Signature]*  
नारायण दत्त मण्ड  
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