



शंखरापुर नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
साँखु, काठमाडौं  
बागमती प्रदेश, नेपाल



**क्याटलग/ब्रोसर सपिड विधिबाट ब्याकहो लोडर खरिद सम्बन्धी सूचना**

(प्रथम पटक प्रकाशित मिति: २०८१/०८/११)

सार्वजनिक खरिद ऐन, २०६३ को दफा ८ को उपदफा (१) खण्ड (क) को देहाय (८) तथा सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ (ख) बमोजिम सवारी साधन उत्पादन गर्ने कम्पनी वा सोको आधिकारिक बिक्रेताहरू बीच प्रतिस्पर्धा गराई क्याटलग सपिड विधिबाट ब्याकहो लोडर खरिद गर्नुपर्ने भएकोले इच्छुक इजाजत प्राप्त उत्पादक कम्पनी वा त्यसको आधिकारिक बिक्रेताहरूले आफ्नो फर्म दर्ता प्रमाण-पत्र, मु.अ.कर दर्ता प्रमाण पत्र, एजेन्सी दर्ता प्रमाण पत्र र आ.व. २०८०/८१ को कर चुक्ताको प्रतिलिपि समावेश गरी सार्वजनिक खरिद नियमावली, २०६४ को नियम ३१ ख को उपनियम (२) अनुसार देहाय बमोजिमको सवारी साधनको उत्पादक वा आधिकारिक बिक्रेताले स्पेशिफिकेशन, गुणस्तर, कम्पनीको मुल्य खुल्ने कागजात र सुविधा सहितको विवरण क्याटलग/ब्रोसर संलग्न गरी सूचना प्रकाशित भएको मितिले ७ (सात) दिनभित्र यस कार्यालयमा निवेदन दर्ता गर्नुहुन सम्बन्धित उत्पादक वा आधिकारिक बिक्रेताको जानकारीको लागि यो सूचना प्रकाशित गरिएको छ। निवेदन दर्ता गर्ने अन्तिम दिन विदा परेमा त्यस दिनपछिको कार्यालय खुल्ने दिन दर्ता गर्न सकिनेछ। थप जानकारीका लागि कार्यालयमा सम्पर्क गर्नुहुन अनुरोध छ।

क्र. सं.	सवारी साधन	विवरण	परिमाण
1	ब्याक हो (Backhoe Loader)	Four Wheel drive, Operating weight 8000 kg +/-10%, loader Multipurpose (6 in 1 to facilitate dozing, digging, grading, backfilling, grabbing, and loasing) bucket not less than 1 cum, water cooled diesel engine power not less than 90 HP, maximum Torque not less than 390 N-M, hydraulic system pressure not less than 220 bar, maximum pump flow not less than 115 LPM, axle 4wd with fixed rear axle and oscillating front axles.(For more details of specification contact to office or visit website)	1

सम्पर्क:

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# Technical Specifications

## Backhoe Loader

S.N.	CRITERIA	REQUIREMENT	1 Nos OFFERED SPECIFICATION
1	General	Four wheel drive, rigid frame backhoe loader with steel cab, suitable for operation under rough working conditions and adverse climatic condition at operating altitude ranging from 80 m to 2500 m (msl) and ambient temperature varying between -10° C to 50° C.	
2	Capacity / Size	<p><b>1. Operating Weight: 8000 kg±10%</b></p> <p><b>2. Loader: Multi purpose (6-in-1, to facilitate dozing, digging, grading, backfilling, grabbing and loading application) bucket with bolt on teeth of SAE rated capacity nominally heaped: Not less than 1 cu.m</b></p> <ul style="list-style-type: none"> <li>➤ Shovel break out force: Not less than 5250 kgf</li> <li>➤ Maximum dumping height: Not less than 2700 mm</li> </ul> <p><b>3. Backhoe: Backhoe bucket with bolt on teeth of SAE rated capacity of 0.3 cu.m. ±10%</b></p> <ul style="list-style-type: none"> <li>➤ Bucket break out force: Not less than 5400 kgf</li> <li>➤ Maximum working height: Not less than 6000 mm</li> <li>➤ Maximum digging depth : Not less than 4800 mm</li> <li>➤ Maximum loadover height: Not less than 4000 mm</li> <li>➤ Maximum digging reach: Not less than 6800 mm (From ground level to rear wheel centre)</li> </ul> <p><b>To be equipped with out riggers with controls from cabin.</b></p>	
3	Engine	Water cooled, Diesel engine, developing Maximum Gross Power not less than 90 HP (engine fully equipped with accessories) at governed RPM and Maximum Torque not less than 390 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 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	Transmission	<b>Torque converter with four speed synchromesh type of transmission</b>	
5	Axles	<b>Four wheel drive with fixed rear axle and oscillating front axles.</b>	
6	Steering	Power assisted	
7	Brakes	Hydraulically actuated, wet multiple disc/caliper disc type service brake and separate parking brake	
8	Hydraulics	Suitable hydraulic system for smooth operation of all attachments Hydraulic System Pressure: <b>Not less than 220 Bar</b> Maximum pump flow: <b>Not less than 115 LPM</b>	
9	Cab	All steel enclosed FOPS 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	
10	Essential Accessories	<ol style="list-style-type: none"> <li>1. Road lights, work lights and fog lights</li> <li>2. Cabin lights</li> <li>3. Service hour meter</li> </ol> <p><b>Equipped with all accessories offered in standard model but not limited to the above items.</b></p>	
11	Instructions	All signs and instructions in the equipment shall be in English	
12	Manuals	<ol style="list-style-type: none"> <li>1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment</li> <li>2. Eight copies of following manuals in English shall be supplied with equipments: <ul style="list-style-type: none"> <li>➤ Spare parts catalogue</li> <li>➤ Comprehensive workshop manual</li> </ul> </li> </ol>	
13	Tools	A set of tools including hydraulic jack with handle as required for general maintenance shall be supplied with in a lockable tool box/tool bag for each unit	
14	Warranty	Manufacturer shall provide a <b>minimum of one year warranty</b> after delivery	

*Signature*

15	Initial Service	The supplier shall provide all necessary filters, lubricants and spare parts including lubricants with the equipment, required for the first three services, after the equipment has been commissioned and accepted	
17	Delivery	The Backhoe Loader, 1 unit shall be delivered to following places in Nepal: Sankarapur, Municipality , Saakhu , Kathmandu , Nepal.	

**Note:**

- a) 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 as per ITB 31.3.
- b) The bidder must submit documentary evidences/ manufacturer declaration showing that he/she meets all the requirements as mentioned in *Section III, Evaluation and Qualification Criteria.*

*[Handwritten Signature]*

( Prem Prasad Rijal )