



त्रिवेणी गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
जुगार, रोल्पा



लुम्बिनी प्रदेश, नेपाल

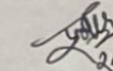
क्याटलग सपिङ्ग विधिवाट ब्याक्हो लोडर खरिद सम्बन्धि ।

प्रथम पटक प्रकाशित मिति: २०८१/१२/११ गते

यस गाउँपालिकाको लागि ब्याक्हो लोडर १ (एक) थान आवश्यक भएकोले सार्वजनिक खरिद ऐन, २०६३ को दफा ८ को उपदफा १ (क८) तथा सार्वजनिक खरिद नियमावली २०६४ (संशाधन सहित) को नियम ३१ ख बमोजिम क्याटलग सपिङ्ग विधिवाट खरिद गर्नु पर्ने भएको हुदाँ इजाजत प्राप्त उत्पादक वा अधिकृत विक्रेताले यो सूचना प्रकाशन भएको मितिले ७ (सात) दिन भित्र नविकरण भएको इजाजतपत्र, आयकर, मूल्य अभिवृद्धि कर दर्ता प्रमाण पत्रहरु र आ.व. २०८०/०८१ को करचुक्ता प्रमाण पत्र संलग्न राखि दररेट पेश गर्नु हुन यो सूचना प्रकाशित गरीएको छ ।

तपशिल

क्र. स	सवारी साधन	संक्षिप्त विवरण	संख्या	कैफियत
1	Backhoe Loader	Operation Weight :-5250kgf,Maximum dumping height:-not less than 2750mm,Backhoe:Backhoe bucket with bolt on teeth of SAE rated capacity of 0.3cu.m 15% -Bucket break out force : Not less than 5600kgf-Maximum working height :Not less than 5700mm-Maximum digging depth :-Not less than 4600mm-Maximum digging reach:-Not less than 5700mm(from ground level to rear wheel center)-Warranty: minimum 1 yera ,Engin:- Water cooled,diesel,developing maximum gross power not less than 85 HP - Hyderulic Hydraulic system pressure not less than 225 bar with maximum pump folw not less than 117 LPM	1	संक्षिप्त विवरणमा उल्लेख नभएका कुराहरु स्विकृत Technical Specification अनुसार हुनेछ, Technical Specification यस कार्यालयको आधिकारीक website:www.trivenimunrolpa.gov.np


२०८१/१२/११
प्रमुख प्रशासकीय अधिकृत
प्रमुख प्रशासकीय अधिकृत

Technical Specifications

Backhoe Loader

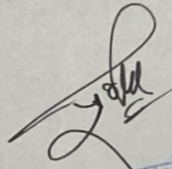
Qty: 1 unit

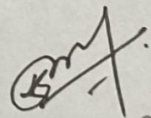
S.N.	CRITERIA	OFFICIAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	Four/All wheel drive, rigid frame backhoe loader with steel cab, suitable for operation under rough working conditions and adverse climatic condition at operating ambient temperature varying between -5° C to 50° C.	
2	Capacity / Size	<p>1. Operating Weight: 8000 kg±5%</p> <p>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 approx. 1 cu.m.</p> <ul style="list-style-type: none"> ➤ Shovel break out force: Not less than 5250 kgf ➤ Maximum dumping height: Not less than 2730 mm <p>3. Backhoe: Backhoe bucket with bolt on teeth of SAE rated capacity of 0.3 cu.m. ±15%</p> <ul style="list-style-type: none"> ➤ Bucket break out force: Not less than 5600 kgf ➤ Maximum working height: Not less than 5700 mm ➤ Maximum digging depth : Not less than 4600 mm ➤ Maximum digging reach: Not less than 5700 mm (From ground level to rear wheel centre) <p>To be equipped with out riggers with controls from cabin.</p>	
3	Engine	Water cooled, Diesel engine, developing Maximum Gross Power not less than 85 HP (engine fully equipped with accessories) at governed RPM and Maximum Torque not less than 380 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	Torque converter with four speed synchromesh type of transmission	
5	Axles	Four wheel drive with fixed rear axle and at least 15° oscillating front axles.	
6	Steering	Power assisted	
7	Brakes	Hydraulically actuated, wet multiple disc/caliper disc type service brake and separate parking brake	
8	Hydraulics	<p>Suitable hydraulic system for smooth operation of all attachments</p> <p>Hydraulic System Pressure: Not less than 225 Bar</p> <p>Maximum pump flow: Not less than 117 LPM</p>	

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	1. Road lights, work lights and fog lights 2. Cabin lights 3. Service hour meter Equipped with all accessories offered in standard model but not limited to the above items.	
11	Instructions	All signs and instructions in the equipment shall be in English	
12	Manuals	1. One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment 2. One copy of following manuals in English shall be supplied with equipments: ➤ Spare parts catalogue ➤ Comprehensive workshop manual	
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 minimum of one year warranty after delivery.	
15	Delivery	The Backhoe Loader, 1(one) unit shall be delivered to: त्रिवेणी गाउँपालिका, गाउँपालिकाको कार्यालय, जुगार, रोल्पा	

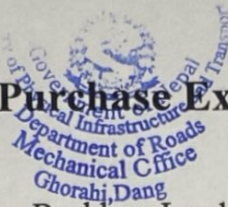
Note:

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.


 नि. प्रमुख प्रशासकीय अधिकृत


 Er. Suman Dahal
 Mechanical Engineer
 NEC Regd. No. 651 "Mechanical" (A)

Cost Estimate for the Purchase Excavator with Breaker



The major technical specification of the Backhoe Loader that is intended to be purchased by त्रिवेणी गाउँपालिका, गाउँपालिकाको कार्यालय, जुगार, रोल्पा is as follows.

1. Operating Weight: 8000 kg±5%
2. Loader: Multipurpose (6-in-1, to facilitate dozing, digging, grading, back-filing, grabbing and loading application) bucket with bolt on teeth of SAE rated capacity nominally heaped approx.1 cu.m
 - Shovel break out force: Not less than 5250 kgf
 - Maximum dumping height: Not less than 2730 mm
3. Backhoe: Backhoe bucket with bolt on teeth of SAE rated capacity of 0.3 cu.m. ±15%
 - Bucket break out force: Not less than 5600 kgf
 - Maximum working height: Not less than 5700 mm
 - Maximum digging depth : Not less than 4600 mm
 - Maximum digging reach: Not less than 5700 mm (From ground level to rear wheel centre)
4. Warranty: A minimum of one year warranty after acceptance or as per manufacturer's standard whichever is greater.
5. Engine: Water cooled, Diesel engine, developing Maximum Gross Power not less than 85 HP (engine fully equipped with accessories) at governed RPM and Maximum Torque not less than 380 N-m
6. Hydraulic: Hydraulic System Pressure not less than 225 Bar with maximum pump flow not less than 117 LPM.
7. Warranty: Manufacturer shall provide a minimum of one year warranty after delivery.

Based on the enquiries recently made with suppliers and information form internet, the cost of the Backhoe Loader intended to be purchased having above technical specification is estimated as below:

S.N.	Description	Qty.	Unit Cost (in NRs) (Including Customs Duties , VAT and Other taxes)	Total Cost (in NRs.) (Including Customs Duties, VAT and Other taxes)	Remarks
1.	Backhoe Loader	1 (One) Unit	60,00,000.00	60,00,000.00	Estimated cost.

प्रमुख प्रशासकीय अधिकृत

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Mechanical Engineer
NEC Regd. No. 651/Mechanical (A)