



मायादेवी गाउँपालिका  
गाउँकार्यपालिकाको कार्यालय, पकडी, कपिलवस्तु  
५ नं. प्रदेश, नेपाल

शिलवन्दी प्रस्ताव आह्वान सम्बन्धी सूचना ।

(प्रथम पटक प्रकाशित मिति २०७५/१०/२८)

यस कार्यालयबाट आ.व.०७५/०७६ मा कार्यालय प्रयोजनका लागि **Backhoe Loader** खरिद कार्य सार्वजनिक खरिद ऐन २०६३ को दफा ८ तथा सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ख को अधिनमा रहि शिलवन्दी प्रस्ताव आह्वान गरि क्याटलग सपिंग विधिबाट गर्नु पर्ने भएकोले इच्छुक माल सामान उत्पादन वा वितरण गर्ने उत्पादक वा त्यसको आधिकारिक विक्रेताहरूले यो सूचना प्रथम पटक प्रकाशित भएको मितिले १५ (पन्ध्र) दिन भित्र माल सामानको आधिकारिक स्पेशिफिकेशन, गुणस्तर, मूल्य र सुविधा सहितको विवरण (क्याटलग वा ब्रोसुर) साथ फर्म दर्ताको प्रमाणपत्र, स्थायी लेखानम्बर वा मूल्य अभिवृद्धि कर दर्ताको प्रमाणपत्र, कर चुक्ता प्रमाणपत्र तथा आवश्यकता अनुसारको व्यवसायिक इजाजतपत्र सहित शिलवन्दी प्रस्ताव दर्ताको लागि यो सूचना प्रकाशित गरिएको छ ।

आवश्यक सामानको विवरण

ID No.	Type of Machine/ Vehicle	Specifications
<b>IDNO : 01/KPL/MD RM/GOODS/ 075/076</b>	<b>Backhoe Loader</b>	<p>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<sup>0</sup>C to 50<sup>0</sup>C.</p> <p>Capacity: 1. Operating weight not less than 8000 Kg.</p> <p>2. Loader: general Purpose bucket with (6 in 1) bolt on teeth of SAE rated capacity nominally heaped approx. 1 cu.m with shovel break out force not less than 6600kgf.</p> <ul style="list-style-type: none"><li>• <b>Dump Height : &gt;=2900mm</b></li><li>• <b>Load over height : &gt;=3350 mm</b></li><li>• <b>Pin Height : &gt;=3600mm</b></li></ul> <p>3. Back hoe bucket with bolt on teeth of SAE rated capacity approx. 0.3 cu.m with tear out force 5650 kgf.</p> <p>Other criteria (Engine, gauges, transmission, Axles, Tires, steering, Brakes, Cab, Hydraulics, Essential accessories, Instructions, Manuals, Tools, Color, Warranty, and Delivery) are mentioned in our website: <b>www.mayadevimunkapilvastu.gov.np</b></p>



### Technical Specification

Backhoe Loader

1.Unit.

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.	Make: Model: Country of Origin:
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 6600 kgf. <ul style="list-style-type: none"> <li>• Dump Height: <math>\geq 2900</math> mm</li> <li>• Load over height: <math>\geq 3350</math> mm</li> <li>• Pin Height : <math>\geq 3600</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 6000</math> mm</li> <li>• Minimum digging depth: <math>\geq 5000</math> mm</li> <li>• Minimum digging reach: <math>\geq 6900</math> mm (Ground Level to rear wheel center)</li> <li>• Minimum Lifting capacity : <math>\geq 1480</math> kgs</li> <li>• Minimum Bucket tear out force: <math>\geq 5680</math>kgf</li> </ul>                     Out triggers with controls from cabin shall be provided. </li> </ol>	
3.	Engine	Water Cooled diesel Engine, developing SAE rated Gross HP not less than 90 HP with minimum 400 N-m Torque (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.	Make: Model: Country of Origin:
4.	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission and hydraulic gauges as necessary for efficient operation and maintenance.	
5.	Transmission	Torque converter with four speed power shift type of synchroshuttle transmission.	
6.	Axles	Four wheel drive with fixed rear axle and at least 15° oscillating front axles.	
7.	Tires	Suitable four tires with tubes 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.	

*[Signature]*  
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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 flow not less than 117 LPM and system pressure PSI (bar) not less than 3300( 225) for smooth operation of all attachments smoothly.		
12.	Essential Accessories	<b>1. Road lights, work lights and fog lights</b> <b>2. Cabin Lights</b> <b>3. Service hour meter</b>		
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.Units Backhoe Loader shall be Delivered to:Mayadevi Rular Municipality Kapilvasatu pakadi, 5 no province.</b> <b>NEPAL</b>		

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

Bidders Signature.....

Date.....

Er.Jitendra Kr. Singh  
Mechanical Engineer

Mechanical Office Chitwan-Bharatpur

मेकानिकल इन्जिनियर

Date 2075/08/27.

