



आर्थिक वर्ष: २०८३-८४

सूचना नं.: १८

पाँचखपन नगरपालिका नगर कार्यपालिकाको कार्यालय



वाना, संखुवासभा
कोशी प्रदेश, नेपाल

ब्याकहु लोडर खरिद सम्बन्धी सूचना
(सूचना प्रकाशन मिति २०८३/०५/१७)

पाँचखपन नगरपालिकाको आर्थिक वर्ष २०८३/८४ को वार्षिक स्वीकृत बजेट योजना तथा कार्यक्रम अनुसार कार्यालय प्रयोजनको लागि संलग्न स्पेसिफिकेसन अनुसारको ब्याकहु लोडर आवश्यकता परेको हुँदा उक्त ब्याकहु लोडर खरिद प्रयोजनाको लागि सार्वजनिक खरिद नियमावली, २०६४ को नियम ३१(ख) बमोजिम खरिद गर्नुपर्ने भएकोले यो सूचना प्रकाशन गरिएको छ साथै सूचना प्रकाशन भएको मितिले ७ दिन भित्र कार्यालय समयमा इच्छुक कम्पनी वा त्यसका आधिकारिक विक्रेताहरुले रितपूर्वक निवेदन पेश गर्नुहुन सूचित गरिन्छ ।

प्रलाद थापा
जिन्सी भाषा प्रमुख



रमेश प्रसाद रिजाल
(रमेश प्रसाद रिजाल)

प्रमुख प्रशासकीय अधिकृत

रमेश प्रसाद रिजाल
प्रमुख प्रशासकीय अधिकृत

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Technical Specifications of Backhoe Loader

Item No.	Particulars	Departmental Requirements	Offered Specification
1	General	All-wheel drive, Heavy duty steel frame backhoe Loader suitable for operation under rough working conditions and adverse climatic condition at altitude of 2000 m and in ambient temperature varying minus 5 degree to 50 degree Celsius. Wheelbase not less than 2190 mm	Make year: 2025/26 Model: Manufacturer:
2		1. 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 6000 Kgf. • Dump Height: ≥ 2700 mm 2. Back hoe bucket with bolt on teeth of SAE rated capacity approx. 0.3 cu.m with tear out force 5600 kgf and following working ranges: • Minimum working height: ≥ 6000 mm • Minimum digging depth: ≥ 4700 mm • Max Load Over Height: 4300 mm • Lift Capacity of Bucket: 1400 Kg • Minimum digging reach: ≥ 6900 mm (Ground Level to rear wheel center)	
3	Engine	Water Cooled Diesel Engine, developing SAE rated Gross HP not less than 90 HP with Minimum Torque 390 Nm Torque with displacement of 4.3 liters (engine fully equipped with accessories) at governed RPM for efficient full load operation. Backhoe 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	Wheelbase	Not less than 350 mm	
6	Transmission	Power shift type range selector.	
7	Axles	Four-wheel drive with drive with fixed rear axle and at least 10° oscillation front axles.	
8	Tires	Suitable four tires with tubes for operating machine in rough road conditions shall be provided.	
9	Steering	Power Assisted Hydrostatic steering.	
	Brakes	Hydraulically Actuated, Wet multiple Disc/caliper type service Brakes & Separate Parking Brake.	
	Cab	All steel enclosed cab with laminated glass windscreen insulated roof, suitably located controls for back hoe and loader	



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		operation, rear view mirror, cabin light, wiper and adjustable cushioned seat for operator shall be provided.	
12	Hydraulics	Suitable hydraulic pumps and system for smooth operation off all attachment and flow not less than 115 LPM Hydraulic System Pressure: Not Less than 220 Bar	
13	Essential Accessories	1. Road lights, work lights 2. Cabin Lights 3. Service hour meter	
14	Instruction	All signs and instruction in equipment shall be in English.	
15	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.	
16	Tools	A set of tools as required for general maintenance shall be supplied in a lockable toll box equipment.	
17	Color	Standard	
18	Warranty	Manufacture shall provide minimum of one-year warranty or 2000 hr whichever is earlier after acceptance.	
19	Delivery	Supplier should deliver one unit of Panchkhapan Municipality, Sankhuwasabha	

Note: The major items are indicated by Bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliances of these major items will result in no responsiveness of the bid.



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बसन्त कुमार सोह
मैकानिकल इन्जिनियर