



शिवराज नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
चन्द्रौटा, कैलाली जिल्ला  
लुम्बिनी प्रदेश, नेपाल

**क्याटलग सपिङ्ग बिधिबाट (Backhoe Loader) खरिद सम्बन्धी सूचना**

**प्रकाशित मिति: २०८१/०१/१२**

यस नगर कार्यपालिकाको कार्यालयलाई चालू आ.ब. ०८०/८१ मा आवश्यक पर्ने देहाय बमोजिमको ब्याक होइ लोडर (Backhoe Loader) सार्वजनिक खरिद ऐन २०६३ संशोधन सहितको दफा ८ को उपदफा १ (क) (८) तथा सार्वजनिक खरिद नियमावली २०६४ संशोधन सहितको नियम ३१(ख) बमोजिम त्यस्तो साधन ब्याक होइ लोडर (Backhoe Loader) उत्पादक कम्पनीको आधिकारिक बिक्रेताहरु बीच प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिबाट खरिद गर्नुपर्ने भएकोले इच्छुक इजाजत प्राप्त उत्पादक कम्पनीको आधिकारिक बिक्रेताहरु आफ्नो कम्पनी/फर्म दर्ता, एजेन्सी दर्ता प्रमाणपत्र, लेटर अफ अथोराइजेशन (आधिकारीकताको प्रमाण पत्र) र आ.ब. ०७९/८० को कर चुक्ता प्रमाण पत्र लगायतका अन्य आवश्यक कागजातहरुको प्रतिलिपिहरु समावेश गरी सार्वजनिक खरिद नियमावली २०६४ संशोधन सहितको नियम ३१(ख) को उपनियम २ अनुसार देहाय बमोजिमको साधन ब्याक होइ लोडर (Backhoe Loader) स्पेसिफिकेसन, गुणस्तर, मुल्य र सुबिधा सहितको विवरण क्याटलग वा ब्रोसर संलग्न राखी यो सूचना प्रकाशित भएको मितिले १५(पन्ध्र) दिनभित्र यस कार्यालयमा सिलबन्दी निवेदन दर्ता गर्नुहुन सम्बन्धित उत्पादक कम्पनी वा आधिकारिक बिक्रेताहरुको जानकारीको लागि यो सूचना प्रकाशित गरिएको छ। थप जानकारीको लागि शिवराज नगरपालिकाको कार्यालय वा [shivrajmun@gmail.com](mailto:shivrajmun@gmail.com) मा सम्पर्क गर्नुहुन अनुरोध छ।

रामजी थापा नेपाली  
इन्जिनियर

बिबुराम पौडेल  
प्रमुख प्रशासकीय अधिकृत





## Technical Specification of Backhoe Loader

4WD Backhoe Loader :- 1(one) Unit

Office: श्री शिवराज नगरपालिका, नगरपालिकाको कार्यालय चन्द्रौटा, कपिलवस्तु

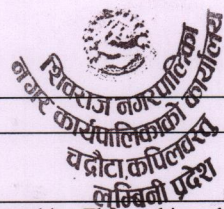
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S.N.	Criteria	Departmental Requirement				BIDDER'S OFFERED (Comply/Partially Comply/Non-Comply)
1	General	4 Wheel Drive Backhoe Loader suitable on the job site for different like, drain cleaning, excavation, pilling etc. and to work under both common and or tough/adverse excavation ground and following condition : Ambient Temperature : -5 degree C to 50 degree C: Relative Humidity: up to 99%				Make: Model: Country of Origin: Year of Mfg.:
2	Engine	Four Stroke, Turbocharged Engine, Water Cooled, Developing maximum gross power not less than 90 HP or governed rpm, Fully equipped with advance technologies and all complete				Make: Model:
		Engine Cross Power at rated RPM:	Not Less Than	90	HP	
		Maximum at rated RPM	Not Less Than	350	NM	
		Engine Displacement:	Not Less Than	4400	cc	
3	Gauges	Gauges and or meters as necessary for cement operation, maintenance and safety, including but not limited to ammeter, water temperature meter, necessary for efficient operation.				
4	Hydraulic System	Hydraulically operated swing system, travel system, travel system and work implement systems equipped with suitable capacity and adequate units of hydraulic cylinder, pump/motors, reservoir, sensor and all other necessary devices for efficient operation/control and safety of hydraulic system for a maximum.				
		Main Pump Oil Flow Capacity :	Not less than :	125	lpm	
		Maximum hydraulic pressure for travel circuit	Not less than :	220	bar	
For Backhoe						
6	Working	Maximum digging/working height:	Not less than	5700	mm	
		Maximum dumping load over/operating height:	Not less than	3750	mm	
		Maximum dumping/loading reach :	Not less than	1500	mm	
		Maximum digging depth :	Not less than	4500	mm	
		Maximum reach from swing Centre/pivot:	Not less than	5400	mm	
For Loader						
7	Working	Dumping height:	Not less than	2700	mm	
		Dumping reach at maximum angle:	Not less than	750	Mm	
		Maximum operating height	Not less than	3150	Mm	
		Maximum digging depth	Not less than	100	Mm	
		Break Out Force:	Not less than	50	KN	
8	Bucked	Rated capacity	Not less than	1	cu.m	
9	Operating Weight	Maximum Operating height	Not less than	7500	kg	
10	Steering Weight	Power Steering system with hydraulic or hydrostatic assistance				
11	Brakes	Oil immersed, hydraulically actuated disc brakes, 2 pedal or dual foot operation				

राजेश शर्मा नेपाली  
इन्जीनियर

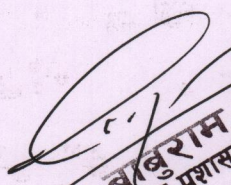
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12	Tyres	Front & Rear: Standard Size	
13	Electrical System	Minimum 12 v. battery system with starter and alternator	
14	Cab Color	1.The backhoe loader shall be furnished with an operator's cabin. The cabin shall be completely enclosed and equipped with tinted safety glass to provide all round visibility. Ergonomically designed adjustable operator seat and steering control system.	
15	Essential Accessories	1. Service hour meter	
		2. Windscreen wiper	
		3. Working light (front and Rear)	
		4. Door Lock	
		5.Side View Mirrors on left and right	
		6.Fully adjustable crushioned operator's scat	
		To be equipped with all accessories offered in standard model but not limited to the above items	
16	Instruction	All signs and instruction in the equipment shall be in English	
17	Manuals	1.One copy of the Operator's and Owners Instruction and Maintenance	
		2. One hard and one soft copy of following manuals in English shall be	
		a. Spare Parts Catalogue	
		b. Comprehensive workshop manual	
18	Tools	A set of tools as required for general maintenance shall be supplied with in	
19	Warranty	Manufacturer shall provide a minimum of one year warranty.	
20	Proven performance	1. The machine offered shall be a current model under standard production by the manufacturer for at least one year.	
		2.The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
21	Initial Service	The Supplier shall provide with the equipment all the necessary filters and spare parts required for the first three service, after the equipment has been commissioned and accepted.	
22	Related Service	The Supplier shall arrange and conduct training by the expert engineers in the basic maintenance and operation performance at least one day for the operator of Shivraj Municipality Chandrauta Kapilvastu.	
23	Document evidences and After sales	The bidder is required to submit documentary evidence showing that the manufactur's representative in Nepal has been providing after sales service.	
24	Delivery	The Backhoe Loader 1 Unit shall be delivered with all necessary to: श्री शिवराज नगरपालिका, नगरपालिकाको कार्यालय चन्द्रौटा, कपिलबस्तु.	

  
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