



# शिवराज नगरपालिका

## नगर कार्यपालिकाको कार्यालय

चन्द्रौटा, कपिलवस्तु  
लुम्बिनी प्रदेश, नेपाल

पत्र संख्या : २०८०/०८१

चलानी नम्बर :

मिति : २०८०/११/२३

विषय - दररेट पेश गर्ने बारे ।

प्रस्तुत विषयमा यस कार्यालयबाट आ.व. २०८०/०८१ को लागि बार्षिक कार्यक्रम अन्तर्गत ब्याक हो लोडर खरिद गर्नु पर्ने भएकोले तपसिलमा उल्लेखित स्पेसिफिकेसन आधारमा ईच्छुक कम्पनि वा डिलर्सहरुले के कति दररेटमा कार्यालयमा उपलब्ध गराउन सकिन्छ सो को विवरण यो सूचना प्रकाशन भएको मितिले ७ दिन भित्र कार्यालय समयमा कार्यालयमा उपलब्ध गराइ दिनु हुन यो सूचना प्रकाशन गरिएको छ ।

तपसिल

Technical Specification of Backhoe Loader					
4WD Backhoe Loader:- 1(one) Unit					
Office: श्री शिवराज नगरपालिका, नगरपालिकाको कार्यालय, चन्द्रौटा, कपिलवस्तु.					
Ref. letter no. pa. san. 080/081, Cha. No. 1921, Date 2080/11/01 Its.					
S.N.	Criteria	Requirement			Offered Specification
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 at governed rpm, Fully equipped with advance technologies and all complete			Make: Model:
		Engine Gross Power at rated RPM:	Not Less Than	90	HP
		Maximum Torque at rated RPM:	Not Less Than	350	NM
		Engine Displacement:	Not less Than	4400	cc
3	Gauges	Gauges and or meters as necessary for efficient operation, maintenance and safety. Including but not limited to ammeter, water temperature meter, fuel ,oil pressure, transmission and hydraulic gauge, hour meter as necessary for efficient operation.			
4	Hydraulic System	Hydraulically operated swing 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
5	Transmission	Torque converter with synchromesh gear box or as per manufacturer standard of respective equipment with minimum of 4 forward gears and 4 reverse gears.			
For Backhoe					
6	Working	1. Maximum digging/working height :	not less than	5700	mm
		2. Maximum dumping/load over/operating height:	not less than	3750	mm
		3. Maximum dumping/ loading reach:	not less than	1500	mm
		4. Maximum digging depth :	not less than	4500	mm
		5. Maximum reach from swing centre /pivot :	not less than	5400	mm
For Loader					
7	Working	1. Dumping height:	not less than	2700	mm
		2. Dumping reach at maximum angle:	not less than	750	mm
		3. Maximum operating height :	not less than	3150	mm
		4. Maximum digging depth :	not less than	100	mm
		5. Break Out Force:	not less than	50	kN
8	Bucket	Rated capacity:	not less than	1	cu.m
9	Operating Weight	Maximum Operating Weight :	not less than	7500	kg
10	Steering System	Power Steering system with hydraulic or hydrostatic assistance			
11	Brakes	Oil immersed, hydraulically actuated disc brakes , 2 pedal or (dual foot operation			

फोन नं. ०७६-५४०९९८, ०७६-५४०९४७, फ्याक्स नं. ०७६-५४०९९८

Email: [info@shivrajmun.gov.np](mailto:info@shivrajmun.gov.np) , [shivrajmunicipality@gmail.com](mailto:shivrajmunicipality@gmail.com),

website: <http://shivrajmun.gov.np>





शिवराज नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
चन्द्रौटा, कपिलवस्तु  
लुम्बिनी प्रदेश, नेपाल

पत्र संख्या : २०८०/०८१  
चलानी नम्बर :

मिति : २०८०।११।२३

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 allround visibility. Ergonomically designed adjustable operator seat and steering control system. 2 Standard Color	
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 crushedioned operator's seat 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	Mannuals	1.One copy of the Operators's and Owners Instruction and Maintenance 2.One hard and one soft copy of following manauls 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 after	
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 firt 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 Kaplibastu.	
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 I Unit shall be delivered with all necessary to: श्री शिवराज नगरपालिका, नगरपालिकाको कार्यालय- चन्द्रौटा, कपिलवस्तु.	

**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 offered.

Bidder's Signature..... Date.....

फोन नं. ०७६-५४०१९८, ०७६-५४०१४७, फ्याक्स नं. ०७६-५४०१९८  
Email: [info@shivrajmun.gov.np](mailto:info@shivrajmun.gov.np), [shivrajmunicipality@gmail.com](mailto:shivrajmunicipality@gmail.com),  
website: <http://shivrajmun.gov.np>