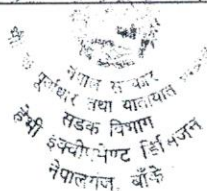


Technical Specification of All Wheel Drive Backhoe Loader - 1 Unit

S. No.	Criteria	Required Specification	Offered Specification
1.	General	Backhoe Loader suitable for operation under rough working condition & adverse climatic condition at altitude of 3000 Mtrs. & in ambient temperature varying Minus -5° to 35° Celsius. Operating Weight Shall not be less than 8,000 Kg.	Make: Model: Country of Origin: Mfg. Year: Operating Weight:
2.	Cabin	Excellent 360° visibility, All Steel enclosed FOPS cab with laminated glass windscreen insulated roof, Two doors, Suitably located controls for Backhoe & Loader operation, Rear view mirrors, Cabin Light, Wiper & adjustable cushioned seat for operator shall be provided.	
3.	Engine	Water cooled, Diesel engine , developing Maximum Gross Power not less than 90 HP (engine fully equipped with accessories) at governed RPM and Maximum Torque not less than 400 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 radiator, cold starting device, direct electric starting system, Dry type air cleaner, Fuel filter with water trap and drainage in fuel line and drain tap in fuel tank.	Make: Model: Power Output: Torque:
4.	Loader Specification	Multipurpose (6-in-1, to facilitate dozing, digging, grading, back filling, grabbing and loading application) bucket with bolt on teeth of SAE rated capacity nominally heaped approx. 1 cu. m <ol style="list-style-type: none"> Bucket break out force: Not less than 6,000 kgf Lift capacity at full height: Not less than 3,000 Kgs Max. dumping height: Not less than 2,600 mm 	
	Backhoe Specification	Backhoe bucket with bolt on teeth of SAE rated capacity approx 0.3 cu. m. <ol style="list-style-type: none"> Bucket break out force: Not less than 5,500 kgf Maximum working height: Not less than 5,500 mm Maximum digging depth : Not less than 4,700 mm Maximum digging reach Not less than 6,500 mm (From rear axle) 	

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