

Brand New Backhoe Loader (2 Nos.)

Specification

S.N	Particulars	Details
01	Application	Solid Waste Management
02	Engine	Water cooled BSIII diesel engine with 4 cylinders developing 49.5 BHP @ 2200 RPM.
03	Steering	Full power, front wheel hydrostatic power steering Hydraulic supply from pump via priority valve. Right hand drive wheel Working pressure 1810 p.s.i (125 bar).
04	Transmission	4 speed, fully synchromesh, smooth shift gear box with integral torque convertor and electrically operated reversing shuttle.
05	Brakes	Hydraulic actuated, Dual line, Self adjusting, multi disc, protected from dirt and water Electronic parking brake
05	Tyres	Heavy duty tyres
06	Excavator performance	Bucket rotation – power, not less than 180 Degree Bucket capacity – not less than 0.18 cum
07	Loader performance	Shovel capacity between 0.50 to 1 cum Rollback at ground should not less than 45 degree
08	Cabin	Closed Cabin with AC
09	Other attachments	Dozer blade (1 Nos. with each) 1 ft excavator bucket
10	Accessories and Manual	Standard toolkit Operations and maintenance manual in English
11	Spare parts	Must be readily available locally or in South Asia region
12	Manufacturer Authorization	Manufacturer Authorization letter is required.
13	Warranty	Minimum 1 year warranty
14	Aftersales service	Supplier should have a proper service facility or have an agreement with a service provider for the provision of after sales services.  This facility will be assessed for service quality during evaluation.

Brand New Dump Trucks (4 Nos.)

Specification

S.N	Particulars	Details
01	Engine	4 cylinder in-line common rail direct injection diesel engine with turbo charger and intercooler. BS III, Engine power 101 HP @ 2,800 rpm (Japanese make preferred)
02	Transmission	5 speed forward and 1 reverse
03	Drive	Right hand drive wheel 2W drive
04	Steering	Power steering
05	Suspension	Semi Elliptical type Multi leaf Spring with Shock absorber
06	Brakes	Dual circuit, full S Cam air brakes
07	Cargo body	Floor thickness – not less than 4mm Side wall thickness – not less than 3mm
08	Upper body tipping kit	Hydraulic jack
09	Wheel	Front – 2 Rear – 4
10	Load capacity	3 – 3.5 tons
11	Gradeability	Not less than 35%
12	Load body capacity	Not less than 2.8 cubic meter
13	Wheel Base	2800 – 3000 mm
14	Min turning radius	10 – 12 m
15	PTO	Pneumatically operated PTO
16	Other features	Corrosion resistant paint on steel floor High quality poly-urethane paint on body
17	Accessories and Manual	Standard toolkit Operations and maintenance manual in English
18	Spare parts	Must be readily available locally or in South Asia region
19	Manufacturer Authorization	Manufacturer Authorization letter is required.
20	Warranty	Minimum 1 year warranty
21	Aftersales service	Supplier should have a proper service facility or have an agreement with a service provider for the provision of after sales services.  This facility will be assessed for service quality during evaluation.