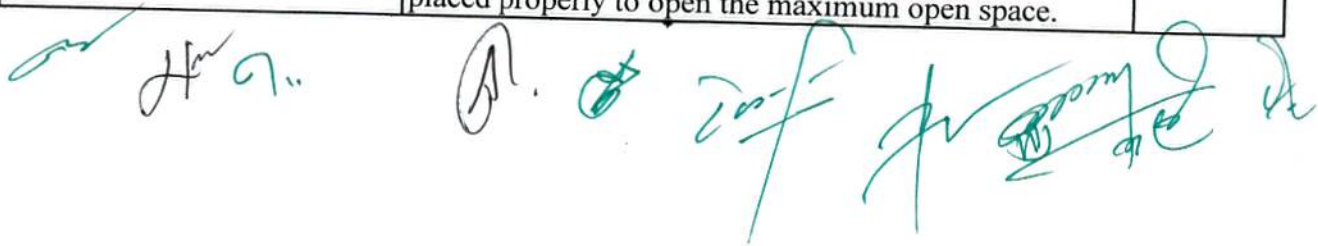


Technical Specification of Workshop Van

S.N	Parameters	Technical Specification	Remarks
1	Engine Type	Turbo charged Intercooled diesel engine	
2	Displacement	Minimum 1900 CC	
3	Power	Minimum 80HP @ rated RPM	
4	Torque	Minimum 190 Nm @ Rated RPM	
5	Emission Standard	Minimum Nepal Emission Norms or equivalent	
6	Transmission System	Synchromesh, Minimum 4 forward and 1 reverse	
7	Steering System	Power steering	
8	Brake	Disk brake at front , drum brake at rear	
9	Wheels and Tyres	Standard size with 1 spare	
10	Fuel Tank Capacity	Minimum 60 Ltrs	
11	Air conditioner/ Heating Unit	With Rear Vents	
12	Ground Clearance	Minimum 165 mm	
13	Color	Olive Green	
14	Drive Side	Right Hand Drive.	
15	Tow Hook	Required	
16	Features	Cab with Air Condition System	
		Adjustable driver seat and standard passenger seat with seat belts	
		Should have standard Stereo with FM, USB function	
		Standard fog light must be provided	
17	Manual	User/Operator Manual, Maintenance Manual and Spare Parts Manual must be provided (All in English)	
18	Accessories	Standard Tool Kit (Comprising of 10 Ton Hydraulic Jack, Lever, Wheel Brush, Few Standard Wrench Sets and Fire Extinguisher 1 kg)	
19	Year of Manufacture	2020 onwards	
20	Date of Manufacture of Battery	Must be less than 6 months at the time of delivery inspection	
21	Date of Manufacture of Tyre	Must be less than 1 year at the time of delivery inspection	
22	Servicing	Minimum 5 times free servicing after delivery	
23	Warranty	Minimum 2 Years/ provided by OEM whichever is greater	
24	Workshop equipment	All the equipment mentioned in annex A should be placed properly to open the maximum open space.	



Equipment/Tools attachment			
S.N	Parameters	Technical Specification	Remarks
1	Generator	5 kVA, Diesel Generator compatible for generating power for below mention equipments	
2	Portable Welding Machine	Minimum 100 Ampere, Single Phase	
3	Air Compressor	Two Stag Piston Compressor Pressure 12 Kg/cm ² Motor Power 3 Hp Air Receiver 160 Ltr Retractable hose Reel with min. hose length 50ft	
4	Hand Drilling Machine	Bore Range 3 ~ 16mm; Power Minimum 700W	
5	Portable Grinding Machine	Size 250mm; Power Minimum 700W	
6	5 Compartment Cantilever Tool Box Set x 2	66-piece set with metal case box containing:	
		Socket 12-point: 12 (3/8), 14 (7/16), 16 (1/2), 18 (9/16), 19 (19/32), 20 (5/8), 22 (11/16), 24 (3/4), 25 (25/32), 26 (13/16), 28 (7/8), 30 (15/16), 32 (1), 34 (1-1/16), 36 (1-1/8)	
		Ratchet handle: RH43K	
		Extension bar: 150mm	
		Ball joint: BJ40	
		Hexagonal sockets: 04 (1/8), 05 (5/32), 06 (3/16), 07 (7/32), 08 (1/4) 10 (5/16), 12 (3/8), 14 (7/16), 16 (1/2) 18 (9/16)	
		Long offset wrench (45°): 1214 (3/8X7/16), 1618 (1/2X9/16), 2022 (5/8X11/16), 2425 (3/4X25/32), 2628 (13/16X7/8), 3032 (15/16X1)	
		Spanner: 1012(5/6X3/8), 1214(3/8X7/16), 1314(13/32X7/16), 1618(1/2X9/16), 1920(19/32X5/8), 2224(11/16X3/4), 2528(25/32X7/8), 3032(15/16X1)	
		Monkey wrench (with scale): MW-300	
		Combination pliers: CP-200	
		Water pump pliers (strong type): KWP-250	
		Cutting pliers: CT-175	
		Needle-nose pliers: RP150	
		Heavy duty nippers: KN-150	
		Piercing driver: KMD-075, 100, 150 (-) square shaft plastic handle	
		Piercing driver: KPD-001, 002, 003 (+) square shaft plastic handle	
		Combination hammer: 1 pound	
Flat chisel: 19X165mm			
Center punch: 125mm			
Ball point L-shaped wrench set: 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8			
7	Portable Working light with Stand	Cable length 25ft with 100 LED Bulb inbuilt	

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8	Spare Parts Rack With Lockable Doors & Attached Waste Oil Tank & Job Card Holder, & Two Shelf for Parts Storage.	Smooth Waterproof Wooden Design	
9	General Work Bench with Lockable Door & Shelves.	Smooth Waterproof Wooden Design	
10	Base Foundation & Flooring with Aluminum Checkered Sheet.	Yes	
11	Hydraulic Jack 20 Ton.	Yes	
12	Triangular Jack Stand 2 Ton.	Yes	
13	Bench Vice	4" min.	
14	Service Creeper x 2 Pcs	Yes	
15	First Aid Box	Complete Set	
16	Digital Multimeter With Accessories & Adaptors.	Yes	
17	Battery Jumper Cable.	Can sustain upto 200 Ah Battery jumping purpose	
18	Pneumatic Tools Set with Built-In Pneumatic Line and Hose Reel		
19	Tyre Service Kit.	Tyre Pressure Monitoring Cum Filling Gauge Connected Pipeline of 25 ft long	
20	Cabinet with Sliding Drawers for Tool with complete tool set	Tool Trolley of 7 Drawers containing at least 231 pcs tool kits with provision for inserts for all .	
		Tool Set contain:	
		Dr Socket 6 Pt of 1/2", 3/8" and 1/4" containing 6_22 mm Socket, Deep Socket, Universal Joint, Ratchet, Extension Bars, Swivel Handle, T- Handle	
		Stubby swivel head ratchet with dual drivers, Magnetic spark plug socket set 14 mm & 16 mm,	
		Various type of 1/2" drive socket , Ribe socket, Trox Bit, Wquire Bit Socket,	
		Ring Spanner set from 6X7 to 30 X32	
		Adopter of various size	
		Combination Spanner 7 - 24 mm	
		Flare Nut Wrench 8 x 9, 10X11, 11X12, 14X17, 19 X 22	
		Two Way Oil filter Wrench 64-94, 85-115	
		Plier (vice grip, long nose, combiantion, wire cutting, bend nose, spark Plug Cord, Hose Clamp, CV boot)	
		Click R,	
		Impact Screw Driver	
		Spiral Pin Removal Set	
		Heavy Duty Seal Puller	
Hax Saw, Scissor, MEAsruing Tape, Cutter, Wire Stripping Cutter, Glow Plug Socket, Tyre in-deflator Gauge , Feeler Gauge, Ball Pin Hammer, Nylon Hammer, Chisel, Battery cap remover, Oxy Sensor, Inspection Glass, Inspection Lamp, Sand Paper Packet, Steel Scale, Brake Ring Plier			
21	Fire Extinguisher	Minimum 5 kg, ABC type	

Note : All the above mentioned Equipment and Tools should be arranged in Workshop Van

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