

Demand Diesel Mech.

S. No.	Name of Item	Specifications
1	Allen Key set of 12 pieces (2mm to 14mm)	Allen Key set of 12 pieces (2mm to 14mm) Hexagonal key, complete set.
2	Caliper inside 15 cm Spring	15 cm Hardened and tempered steel, spring joint type
3	Calipers outside 15 cm spring	15 cm spring Hardened and tempered steel, spring joint type
4	Dividers 15 cm Spring	Dividers 15 cm Spring Hardened and tempered steel, spring joint type
5	Electrician Screw Driver 250mm	Blade size 250 mm with insulated handle
6	Hammer ball peen 0.5 kg with handle	0.5 kg with handle ,drop forged fully hardened and tempered (hammer weight excluding handle weight)
7	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)	Made of HCS adjustable upto 100mm to 300mm
8	Scriber 15 cm	15 cm Forged carbon steel head Hardened and Tempered body straight and knurled
9	Spanners socket with speed handle, T-bar, ratchet and universal upto 32mm set of 28 pieces with box	Socket set with T bar , ratchet operating and universal upto 32mm set of 28 pieces
10	Steel rule 30 cm inch and metric	30 cm, L.C. 0.5 mm measure English and metric
11	Wire cutter and stripper	Wire cutter and stripper Auto eject, upto 16 mm ²
12	Adjustable spanner (pipe wrench 350 mm)	Adjustable spanner (pipe wrench 350 mm) drop forged steel, ribbed
13	Air blow gun with standard accessories	Air blow gun Copper body with jet operating lever and suitable hose/connectornew & branded item
14	Air impact wrench with standard accessories.Torque 7 to 150 nm	Air impact wrench Working torque 7 to 150 nm, single hammer clutchmechanism, international maximum torque - 170 Nm
15	Air ratchet with standard accessories	Air ratchet Speed 150 - 170 RPM, working torque 7 to 70 Nm, maximum torque150 Nm - 180 Nm
16	Allen Key set of 12 pieces (2mm to 14mm)	made of chrome steel alloy dimension upto 2mm to 14mm
17	Ammeter 300A/ 60A DC with external shunt	Ammeter 300A/ 60A DC with external shunt Analog type portable 300 A/60 ADC with external shunt with probe Fitted in Box
18	Angle plate adjustable 250x150x175	250x150x175 cast iron /Cast steel
19	Angle plate size 200x100x200mm	Angle plate size 200x100x200mm Fixed type, cast iron /Cast steel
20	Anvil 50 Kgs with Stand	50kg made of mild steel
21	Battery –charger	6 – 24 V with 10 A rate, Minimum Three battery charging points
22	Belt Tensioner gauge	tensioning all automotive V-belts up to, and including, 7/8" top widths. Instructions packed with product. Scale reads in pounds and kilograms. Measures tension from 30 to 160 lbs., and 15 to 75 kg.
23	Blow Lamp 1 litre	1 litre
24	Caliper inside 15 cm Spring	Caliper inside 15 cm Spring Hardened and tempered steel, spring joint type
25	Calipers outside 15 cm spring	Calipers outside 15 cm spring Hardened and tempered steel, spring joint type
26	Car Jet washer with standard accessories	Car Jet washer with standard accessories.
27	Chisels cross cut 200 mm X 6mm	crose cut 200mm*6 mm Forged, Carbon Steel with / without rubber grip

28	Circlip pliers Expanding and contracting type 15cm and 20cm each	15 cm and 20 cm circlip pliers for internal and external rings with insulated sleeve
29	Clamps C 100mm	Clamps C 100mm IS 9181-1988 CI square thread with revolving pad
30	Clamps C 150mm	Clamps C 150mm IS 9181-1988 CI square thread with revolving pad
31	Clamps C 200mm	Clamps C 200mm IS 9181-1988 CI square thread with revolving pad
32	Compression testing gauge suitable for diesel Engine with standard accessories	diaphragm type capacity 0to 50kg/sq. cm
33	Copper bit soldering iron 0.25 Kg	0.25 Kg 220 volt
34	Cylinder bore gauge capacity 20 to 160 mm	capacity 20to 160mm
35	Cylinder liner- Dry & wet liner, press fit & slidefit liner	Cylinder liner- Dry & wet liner, press fit & slidefit liner (qty in sets)
36	DC Ohmmeter 0 to 300 Ohms, mid scales at 20 Ohms	0-300ohms mid scales at 20ohms
37	Depth micrometer 0-25mm	0-25mm made of drop forged steel/malleable cast iron,Least count-0.01mm
38	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	Dial gauge type 1 Gr. A, complete with clamping devices and with magnetic stand
39	Different type of Engine Bearing model	Different type of Engine Bearing model (qty in sets)
40	Different type of piston model	Different type of piston model (qty in sets)
41	Dividers 15 cm Spring	Dividers 15 cm Spring Hardened and tempered steel, spring joint type
42	Drift Punch Copper 15 Cm	15 Cm made of coper
43	Drill point angle gauge	Material Steel, Measures 64ths & mm,ermanently etched graduations (64ths and mm), Bevel protractor for measuring and laying out angles, Center finder to locate centers of shafts or circles, Circle divider for dividing up to nine equal parts, Includes tap drill sizes
44	Drill twist 1.5 mm to 15 mm (various sizes) by 0.5 mm	high speed steel, titanium coated,metric 1.5mm * 15mm * 0.5mm with st. shank H.S.S
45	Electric Soldering Iron 230 V 60 watts 230 V 25 watts	230 V 60 watts 230 V 25 watts(Quantity in Sets)
46	Engineer's square 15 cm. Blade	Electrician Screw Driver 250mm Insulated blade, plastic handle - transparent length - 250 mm tip dimension 5 x 0.8 mm
47	Engineers stethoscope	stainless steel 15cm blade
48	File, half round 20 cm second cut	Standard File half round 20 cm long Bastard Type made of HCS with handle
49	File, Square 20 cm second cut	A Standard File flat 20 cm long second cut made of HCS with handle
50	File, Square 30 cm round	A Standard File square 30 cm round made of HCS with handle

51	File, triangular 15 cm second cut	A Standard File triangular 15 cm second cut made of HCS with handle
52	Files assorted sizes and types including safe edge file (20 Nos)	files made of carbon steel(5 cm-25cm)(Quantity in Sets)
53	Flat File 25 cm second cut	A Standard File flat 25 cm second cut made of HCS with handle
54	Flat File 35 cm bastard	A Standard File flat 35 cm bastard made of HCS with handle
55	Fuel injection pump dismantling tool kit /Universal Vice	standard size injector kit with box
56	Fuel injection pump VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories.	Fuel injection pump VE pump / Distributor fuel rotary pump (DPC)pumps / along with special tools and accessories. (qty in sets)
57	Gloves for Welding (Leather and Asbestos)	material should be leather & asbestos
58	Glow plug tester	Power input 8,5–15 Volt Max. current 80 Ampere
59	Grease Gun	latest model of grease gun
60	Growler	External meter type checking capacity from 10-200mm dia, and for checking the reverse coil, defective winding and complete for commentator ground test switch and test leads dimension 26*16*13 cm
61	Hacksaw frame adjustable 20-30 cm	hacksaw frame adjustable 20-30 cm long
62	Hammer Ball Peen 0.75 Kg	Ball peen 0.75 kg Forged carbon steel head Hardened and Tempered with wooben handle
63	Hammer Chipping 0.25 Kg	0.25 kg chipping hammer with handle
64	Hammer copper 1 Kg with handle	copper 1 kg with wooden handle
65	Hammer Mallet	Mallet medium size size - 6"(slight curved type)material - (shisham wood) handle - Taperedrectancle type
66	Hammer Plastic	unbreakable plastic double head
67	Hand operated crimping tool (i) for crimping up to 4mm and (ii) for crimping up to 10mm	Hand operated crimping tool (i) for crimping up to 4mm and (ii) for crimping up to 10mm Two different type
68	Hand reamers adjustable 10.5 to 11.25 mm, 11.25 to 12.75 mm, 12.75 to 14.25 mm and 14.25 to 15.75 mm	ergonomics design for handmade of cast iron with butter fly nut
69	Hand Shear Universal 250mm	250mm of universal shape
70	Hollow Punch set of seven pieces 6mm to 15mm	6mm to 15mm (Quantity in Sets)
71	Insulated Screw driver 20 cm x 9mm blade	20 cm x 9mm blade
72	Insulated Screw driver 30 cm x 9mm blade	30 cm x 9mm blade
73	Left cut snips 250mm	250 mm
74	Lifting jack screw type 3 ton, 5ton & 20 Ton capacity	5ton & 20 Ton capacity (each)
75	Hacksaw frame adjustable 20-30 cm	DC Voltage 0.1mV ~ 1000V+(0.5% + 4digit)AC Voltage 0.1mV ~ 750V; DC Current 0.1uA ~ 20A; AC Current 0.1uA ~ 20A Resistance 0.1© ~ 40M© ;Capacitance10pF ~ 200uF; Frequency 0.1Hz ~ 30MHz; Celsius -40degree C ~ 1000 degree C; hhFE (NPN or PNP)0 ~ 1000; Standard Accessories: Test Leads, Holster, Manual, TP 01 Temperature Probe Bead type

76	oil can made STEEL with capacity .5/.25ltr	oil can made STEEL with capacity .5/.25ltr
77	Oil pump for dismantling and assembling.	Oil pump for dismantling and assembling.
78	Oscilloscope 20MHz	display 96mm coloured L.C.D,20mhz,I/P,power supply li on battrey with a.c charger
79	Outside micrometer 0 to 25 mm	0-25 mm,made of drop forged seel/malleable cast iron,Least count-0.01mm
80	Outside micrometer 25 to 50 mm	outside 25 to 50 mm made of drop forged seel/malleable cast iron,Least count-0.01mm
81	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)
82	Pipe cutting tool	Fast, clean pipe cutting by hand, pipe size 3 - 50 mm
83	Pipe cutting tool	45° flares in soft copper, brass, aluminum and mild steel tubing.Hardened, smooth cone, single clamp screw for clamping and removal of tubing.
84	Pliers flat nose 15 cm	Pliers flat nose 15 cm chrome vanadium steel hardened and tempered flat serrated joins for firm grip induction hardened
85	Pliers round nose 15 cm	Pliers round nose 15 cm IS 13765-1993 chrome vanadium steel hardened and tempered flat serrated joins for firm grip induction hardened
86	Portable electric drill Machine	Rated power input 500 W, No-load speed 0 – 2.600 rpm, Power output 250 W, Weight 1,5 kg, Chuck capacity - 10 mm, Functions - Forward/reverse operation.
87	Prick Punch 15 cm	15 cm made of Carbon Steel Hardened and Tempered
88	Punch Letter 4mm (Number)	set 4 mm Carbon SteelHardened & Tempered Cutting Edges(qty in sets)
89	Radiator cut section-cross flow	cut section cross flow radiator
90	Radiator pressure cap	cut section down flow radiator
91	Right cut snips 250mm	Radiator pressure cap
92	Radiator cut section-down flow	250 mm
93	Rivet sets snap and Dolly combined 3mm, 4mm, 6mm	forged steel 3,4,6,mm
94	Scraper flat 25 cm	25 cm flat H.S.S
95	Scraper half round 25 cm	25 cm half round H.S.S
95	Scraper Triangular 25 cm	25 cm Triangular H.S.S
96	Scriber 15 cm	15 cm Forged carbon steel headHardened and Tempered body straight and knurled
97	Shear Tin Man's 450 mm x 600mm	dimension 450mm x 600mm
98	Sheet Metal Gauge	sheet Metal Gauge standard size
99	Sher Tinmans 300mm	300mm
100	Soldering Copper Hatchet type 500gms	copper 500gms
101	Solid Parallels in pairs (Different size) in Metric	Made of high grade alloy steel, hardened and ground. 2 holes in each parallel with plastic case.All parallels 1/8" thick x 6" long, with one pair of each of the following heights:1/2" , 5/8", 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8"Height tolerance: +/- .001" Parallelism in height of each pair: +/- .0002" .Hardness: 54-58 HRC.
102	Spanner T. flocks for screwing up and up-screwing inaccessible	Spanner T. flocks for screwing up and up-screwing inaccessible
103	Spanner, adjustable 15cm.	cm.forge steel
104	Spark lighter	Spark lighter of latest kind

105	Spark plug spanner 14mm x 18mm x Size	14mm x 18mm x Size
106	Steel measuring tape 10 meter in a case	Blade width 13mm., Tape thickness 0.5mm (approx)., unbeakable tape, shows mm, cm and inches.
107	Steel rule 30 cm inch and metric	30 cm inch and metric
108	Straight edge gauge 2 ft.	Length (in) 24", Length (mm) 600mm, Thickness (in) 11/64", Thickness (mm) 4.4mm, Width (in) 1-13/32",Width (mm) 36mm, Accuracy (in) ± .0002" per foot
109	Straight edge gauge 4 ft.	length (in) 48",Length (mm) 1200mmThickness (in) 7/32",Thickness (mm) 5.5mm, Width (in) 2-13/32",Width (mm) 60mm, Accuracy (in) ± .0002" per foot
110	Stud extractor set of 3	set ,stud remover 15 pcs 1/4" - 20THRU 5/8" -18 (qty in sets)
111	Surface gauge with dial test indicator plunger type i.e. 0.01 mm	0.01 mm PLUNGER TYPE WITH DIAL INDICATORS
112	Tandem master cylinder with booster	Tandom master cylinder of four wheeler of brakes
113	Taps and wrenches - Metric	5mm to24 mm H C S(Quantity in Sets)
114	Telescope gauge	Knurled Hand Grip and Locking End, Spring Loaded Anvils, 8mm to 150mm with extension rod Japany
115	Temperature gauge with sensor 0-100 deg c	Temperature gauge with sensor 0-100 deg c
116	Thermostat	Thermostat with all accessories
117	Timing lighter	Operating specification Flash rate 500-10000rpm,advance 0-60 degrees +-1.5 ,power 10-16V DC battery 12V, leads 5ft , size 12" tip to tip 2.8 " wide
118	Trammel 30 cm	30cm
119	Tire pressure gauge with holding nipple	tire pressure gauge to read upto 120 psi/Kg/cm2
120	Vacuum gauge to read 0 to 760 mm of Hg.	Hg operated read upto 0-760mm of Hg
121	venire caliper 0-300 mm with least count 0.02mm	least count 0.02 mm , size 0-300mm
122	Vice grip pliers	chrome vanadium steel hardened and tempered flat
123	Water pump for dismantling and assembling	Water pump for dismantling and assembling
124	Wire Gauge (metric)	Wire Gauge (metric) Imperial type Circular stainless steel, graduations in MM & SWG
125	Work bench 250 x 120 x 60 cm with 4 vices 12cm Jaw	250 x 120 x 60 cm with 4 vices 12cm Jaw
126	Air conditioned CRDI Vehicle in running condition –LMV	Air conditioned CRDI Vehicle in running condition -LMV
127	Bench lever shears 250mm Blade x 3mm Capacity	Bench lever shears 250mm Blade x 3mm Capacity
128	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with swiveling stand	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with swiveling stand
129	Discrete Component Trainer / Basic Electronics Trainer	Discrete Component Trainer / Basic Electronics Trainer
130	Dual Magnetization Yoke : AC / HWDC, 230 VAC, 50Hz	Dual Magnetization Yoke : AC / HWDC, 230 VAC, 50Hz
131	Gas Welding Table 1220mm x760mm	Gas Welding Table 1220mm x760mm
132	Grinding machine (general purpose) D.E. pedestal with 300 mm dia wheels rough and smooth	D.E. pedestal with 300 mm dia wheels rough and smooth
133	Heavy Commercial vehicle type (without body on frame)	--
134	Hydraulic jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	Min HT 130, Max HT410, Dimension 632x242x160, Net WT. 19 kg. Capacity 3

		& 5 ton.
135	Liquid penetrate Inspection kit	Liquid penetrant Inspection kit
136	Multi Scan Tool with oscilloscope	Multi Scan Tool with oscilloscope
137	Pipe Bending Machine (Hydraulic type) 12mm to 30mm	manual hydraulic pipe bending machibe, capacity: 12mm to 30 mm pipe
138	Pneumatic rivet gun with standard accessories	pneumatic type rivet gun
139	Spring tension tester	Spring tension tester range 0 -20 Kg/cm2, dial type with sound signal ratchet type
140	Tin smiths bench folder 600 x 1.6mm	Tin smiths bench folder 600 x 1.6mm
141	Welding plant Oxy-Acetylene complete (high pressure)	oxygen ,acetylene regulator ,hose pipe 10 metre each and touch with HP nozzle
142	Welding Transformer (150-300 Amps)	3 Phase,150-300 Amps with complete accessories
143	Working Condition of Diesel Engine – CRDI - 4 stroke Engine Assembly with fault simulation board	--