

Mechanic Motor Vehicle		
SR No	Specification Of Item	Qty
1	Allen Key set of 12 pieces (2mm to 14mm)	(5+1)
2	Caliper inside 15 cm Spring	6
3	Calipers outside 15 cm spring	6
4	Center Punch 10 mm. Dia. x 100 mm.	6
5	Dividers 15 cm Spring	6
6	Electrician Screw Driver 250mm	6
7	Hammer ball peen 0.5 kg with handle	6
8	Hands file 20 cm. Second cut flat	6
9	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)	6
10	Pliers combination 20 cm.	6
11	Screw driver 20cm.X 9mm. Blade	6
12	Screw driver 30 cm. X 9 mm. Blade	6
13	Scriber 15 cm	6
14	Spanner D.E. set of 12 pieces (6mm to 32mm)	6
15	Spanner, ring set of 12 metric sizes 6 to 32 mm.	6
16	Spanners socket with speed handle, T-bar, ratchet and universal upto 32 mm set of 28 pieces with box	6
17	Steel rule 30 cm inch and metric	6
18	Steel tool box with lock and key (folding type) 400x200x150 mm	6
19	Wire cutter and stripper	6
B. Tools Instruments and General Shop outfits		
1	AC alternator slip ring puller	1
2	Adjustable spanner (pipe wrench 350 mm)	2
3	Air blow gun with standard accessories	1
4	Air Brake Assembly	1
5	Air impact wrench with standard accessories	4
6	Air ratchet with standard accessories	4
7	Allen Key set of 12 pieces (2mm to 14mm)	4
8	Alternator assembly used for LMV	2
9	Ammeter 300A/ 60A DC with external shunt	4
10	Angle plate adjustable 250x150x175	1
11	Angle plate size 200x100x200mm	2
12	Anti theft device	1
13	Anvil 50 Kgs with Stand	1
14	Auto Electrical test bench	1

	<p>It consists of:</p> <ul style="list-style-type: none"> • Power supply cable • 4 parallel interfaces to the lights and headlights fitted, • vehicle electrical system control unit, • additional brake light, • Wiper motor, • gateway, • 2 earth distribution boxes, • fuse panel, • original wiring harness, • fault switch box with 15 faults <p>The power is supplied using a normal 12V vehicle battery</p>	
15	Battery –charger	2
16	Belt Tensioner gauge	1
17	Blow Lamp 1 litre	2
18	Caliper inside 15 cm Spring	4
19	Calipers outside 15 cm spring	4
20	Car Jet washer with standard accessories	1
21	Carburetor – Solex, Mikuny for dismantling and assembling	1 each
22	Carburetor repair tool kit	1
23	Chain Pulley Block-3 ton capacity with tripod stand	1
24	Chisel 10 cm flat	4
25	Chisels cross cut 200 mm X 6mm	4
26	Circclip pliers Expanding and contracting type 15cm and 20cm each	4
27	Clamps C 100mm	2
28	Clamps C 150mm	2
29	Clamps C 200mm	2
30	Cleaning tray 45x30 cm.	4
31	Coil spring compressor for suspension spring	1
32	Compression testing gauge suitable for diesel Engine with standard accessories	2
33	Connecting rod alignment fixture	1
34	Constant Mesh Gear box with stand for Dismantling and assembly.	1
35	Copper bit soldering iron 0.25 Kg	4
36	Cut section Model of Mock layout of a motor car –electrical system working model	1 set
37	Cut section models of shock absorbers	1
38	Cut section of cross ply and radial tyres	1
39	Cut section working model of automatic transmission Gear box	1

40	Cut section working model of centrifugal clutch assembly.	1
41	Cut section working model of Diaphragm clutch assembly.	1
42	Cut section working model of Single plate clutch assembly.	1
43	Cylinder bore gauge capacity 20 to 160 mm	4
44	Cylinder liner- Dry & wet liner, press fit & slidefit liner	1 each
45	DC Ohmmeter 0 to 300 Ohms, mid scales at 20 Ohms	2
46	Demonstration board of 2W Ignition system, ignition coil	1
47	Demonstration board of electronic Ignition system, ignition coil	1
48	Demonstration board of MPFI system	1
49	Depth micrometer 0-25mm	4
50	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	4
51	Different type of Engine Bearing model	1 set
52	Different type of piston model	1each
53	Disk brake with caliper assembly	2
54	Distributor –Duel advance type, reluctance type	1 each
55	Dividers 15 cm Spring	4
56	Drift Punch Copper 15 Cm	4
57	Drill point angle gauge	1
58	Drill twist 1.5 mm to 15 mm (various sizes) by 0.5 mm	4
59	Drum brake assembly	1
60	Electric Soldering Iron 230 V 60 watts 230 V 25 watts	2 each
61	Electric testing screw driver	4
62	Engineer's square 15 cm. Blade	4
63	Engineers stethoscope	1
64	Executive Auto Electrical tool kit	1
65	Feeler gauge 20 blades (metric)	4
66	File flat 20 cm bastard	4
67	File, half round 20 cm second cut	4
68	File, Square 20 cm second cut	4
69	File, Square 30 cm round	4
70	File, triangular 15 cm second cut	4
71	Files assorted sizes and types including safe edge file (20 Nos)	2 set
72	Flat File 25 cm second cut	4
73	Flat File 35 cm bastard	4

74	Front axle (Rzeepa Joint) with stand for Dismantling and assembly	1
75	Fuel feed pump for diesel	1
76	Fuel injection pump (Diesel) inline	1
77	Fuel injection pump dismantling tool kit /Universal Vice	1
78	Fuel injection pump, VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories.	1 each
79	Full floating axle and semi-floating axle assembly	1
80	Functional/experiment model of different type of sensors.	1 set
81	Garage stand	4
82	Gloves for Welding (Leather and Asbestos)	5 sets
83	Glow plug tester	2
84	Granite surface plate 1600 x 1000 with stand and cover	1
85	Grease Gun	2
86	Grease Gun heavy duty trolley type 10 kg capacity	1
87	Growler	2
88	Hacksaw frame adjustable 20-30 cm	10
89	Hammer Ball Peen 0.75 Kg	4
90	Hammer Chipping 0.25 Kg	5
91	Hammer copper 1 Kg with handle	4
92	Hammer Mallet	4
93	Hammer Plastic	4
94	Hand operated crimping tool (i) for crimping up to 4mm and (ii) for crimping up to 10mm	2
95	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	1 sets
96	Hand Shear Universal 250mm	2
97	Hand vice – 37 mm	2
98	Hollow Punch set of seven pieces 6mm to 15mm	2 sets each
99	Horn and Horn relay	2
100	Impact screw driver	2
101	Injector – Multi hole type, Pintle type	4 each
102	Injector cleaning unit	1
103	Injector testing set (Hand tester)	1
104	Insulated Screw driver 20 cm x 9mm blade	4
105	Insulated Screw driver 30 cm x 9mm blade	4
106	Left cut snips 250mm	4

107	Lifting jack screw type 3 ton capacity	1 each
108	Magneto spanner set with 8 spanners	1 set
109	Magnifying glass 75mm	2
110	Marking out table 90X60X90 cm.	1
111	Multimeter digital Technical Specifications: DC Voltage range :200mV, 2V, 20V, 200V, 600V Accuracy :+(0.5% + 4 Digit) DC Current range : 200microA , 2mA, 20mA, 200mA, 10A Accuracy :+(1.5% + 3 Digit) AC Voltage range :200V , 600V Accuracy :+(1.2% + 10 Digit) Resistance range :200ohm, 2Kohm, 20Kohm, 200Kohm, 20Mohm Accuracy :+(0.8% + 5 Digit) Input impedance :10Mohm Sampling Rate :3s AC Frequency Response:40 ~ 400Hz Power requirement : Battery 9V (Included) Standard Accessories : Probes, Batteries, Instruction manual	5
112	Multi-point fuel injection pump	2
113	Oil can 0.5/0.25 liter capacity	4
114	Oil pump for dismantling and assembling.	2
115	Oil Stone 15 cm x 5 cm x 2.5 cm	1
116	Oscilloscope 20MHz Features : DC ~ 20MHz Dual channel, X Y mode 6" display cathode ray tube, sensitivity triggering up to 1mV/divison TV synchronous separation circuit to observe stable TV signal Polarity reversal, CH 1Sync output Technical Specifications : CRT : 6" Rectangular screen with internal graticule, 8 x 10 Div (1Div=1cm) Vertical Deflection Vertical Operation Mode: CH1, CH2, ADD, ALT, CHOP (CH1, CH2) Sensitivity : 5mV/div to 5V/div +3%, 1mV/div to 1V/div +5% (x5),10 steps Rise time : <17.5ns Input impedance: 1Mohm Max. Input voltage: 250V (DC+AC peak value) at 1kHz (250V, DC+AC)	1

	<p>Input coupling: AC, DC, GND Polarity selection: +(CH2 only) Display mode : 1, 10, X-Y</p> <p>Horizontal Deflection Sweep time : 0.2micros/div to 0.2s/div Sweep expansion : x10 Accuracy : 3%</p> <p>Trigger System Triggering mode: Auto, NORM, TV-V, TV-H Trigger source: VERT,CH1, LINE, EXT Sensitivity auto: 20Hz~20MHz(VERT) Frequency norm: 0.5div INT, 0.5Vp-p EXT TV-H : At least 1div or 1Vp-p Input impedance: 1M ohm X-Y Phase Difference: <3O, DC-50KHz Calibration waveform: Frequency: 1kHz 20%, Voltage: 0.5V 1% Power requirement: 220 VAC +10% , 50 Hz Weight : 8.0Kg Approx. Dimensions (mm): 310 (L) x370(B) x 130(H)</p> <p>Standard Accessories : Power cable, Probe - 2Nos., Instruction manual</p>	
117	Outside micrometer 0 to 25 mm	4
118	Outside micrometer 25 to 50 mm	4
119	Outside micrometer 50 to 75 mm	1
120	Outside micrometer 75 to 100 mm	1
121	Petrol nozzle	2
122	Philips Screw Driver set of 5 pieces (100 mm to 300 mm)	2
123	Pipe cutting tool	2
124	Pipe flaring tool	2
125	Piston ring compressor	2
126	Piston Ring expander and remover.	2
127	Piston Ring groove cleaner.	2
128	Pliers combination 20 cm.	2
129	Pliers flat nose 15 cm	2
130	Pliers round nose 15 cm	2
131	Pliers side cutting 15 cm	2
132	Portable electric drill Machine	1
133	Prick Punch 15 cm	4
134	Punch Letter 4mm (Number)	2 set
135	Radiator cut section-cross flow	1
136	Radiator cut section-down flow	1
137	Radiator pressure cap	2
138	Rear axle full floating type with stand for Dismantling and assembly	1

139	Right cut snips 250mm	2
140	Rivet sets snap and Dolly combined 3mm, 4mm, 6mm	2
141	Scraper flat 25 cm	2
142	Scraper half round 25 cm	2
143	Scraper Triangular 25 cm	2
144	Scriber 15 cm	2
145	Scriber with scribing black universal	2
146	Set of stock and dies – Metric	2 sets
147	Shear Tin Man's 450 mm x 600mm	2
148	Sheet Metal Gauge	2
149	Sher Tinmans 300mm	4
150	Soldering Copper Hatchet type 500gms	2
151	Solid Parallels in pairs (Different size) in Metric	2
152	Spanner Clyburn 15 cm	1
153	Spanner D.E. set of 12 pieces (6mm to 32mm)	4
154	Spanner T. flocks for screwing up and up-screwing inaccessible	2
155	Spanner, adjustable 15cm.	2
156	Spanner, ring set of 12 metric sizes 6 to 32 mm.	4
157	Spanners socket with speed handle, T-bar, ratchet and universal upto	2
158	Spark lighter	2
159	Spark plug spanner 14mm x 18mm x Size	2
160	Starter motor axial type, pre-engagement type & Co-axial type	1 each
161	Steel measuring tape 10 meter in a case	4
162	Steel rule 15 cm inch and metric	4
163	Steel rule 30 cm inch and metric	4
164	Steering assembly – 1.Rack & pinion, 2.Worm & roller 3. Recirculating ball, 4.Power steering	1 each
165	Straight edge gauge 2 ft.	2
166	Straight edge gauge 4 ft.	2
167	Stud extractor set of 3	2 sets
168	Stud remover with socket handle	1
169	Surface gauge with dial test indicator plunger type i.e. 0.01 mm	4
170	Synchronous Gear box with stand for Dismantling and assembly.	1
171	Tachometer (Counting type) Technical Specification : Measuring range :Photo/Laser : 5-99,999 RPM	1

	:Contact : 5-19,999 RPM, 0.05-999.9m/min (0.2-6,560ft/min) Measuring distance: Photo/Laser : max.2.0 meters Measuring angle:Photo/Laser : 600 :Contact : 1200 Resolution :0.1 RPM (< 1000 RPM), 1.0RPM (>1000 RPM) Accuracy : ±0.05% +1 digit Laser output : <1mW, Class II Sampling time: 1 secretary. (over 6 RPM)	
172	Tandem master cylinder with booster	4
173	Taps and Dies complete sets BSF	1 set
174	Taps and wrenches - metric	2 sets
175	Telescope gauge	4
176	Temperature gauge with sensor 0-100 deg c	2
177	Tester sparking plug 'NEON' Type	1
178	Thermostat	2
179	Thread pitch gauge metric, BSW	2
180	Timing lighter	2
181	Toe-in, toe-out gauge	1set
182	Torque wrenches 5-35 Nm, 12-68 Nm & 50-225 Nm	1 each
183	Trammel 30 cm	2
184	Tread wear indicator	1
185	Tubed tyre of car, trucks & motorcycle	1
186	Tubeless tyre of cars & trucks	1
187	Tubeless tyre repair kit	
188	Turbocharger cut sectional view	1
189	Tyre & split rim wheel assembly	1
190	Tyre pressure gauge with holding nipple	2
191	Universal puller for removing pulleys, bearings	1
192	V' Block 75 x 38 mm pair with Clamps	2
193	Vacuum assisted hydraulics brake assembly with vacuum booster	1
194	Vacuum gauge to read 0 to 760 mm of Hg.	2
195	Valve Lifter	1
196	Valve spring compressor universal.	1
197	vernier caliper 0-300 mm with least count 0.02mm	4
198	Vice grip pliers	2
199	Water pump for dismantling and assembling	4
200	Wheel cylinder	4
201	Wiper motor assembly	2

202	Wire Gauge (metric)	2
203	Work bench 250 x 120 x 60 cm with 4 vices 12cm Jaw	4
204	Working Model of power windows	1
205	Working model of torque converter	1
206	4 Point relays	2
207	5 Point relays	2
C. General Installation/ Machineries		
1	Air bag simulator	1
2	Air conditioned CRDI Vehicle in running condition -LMV	1
3	<p>Air conditioning service Unit (Car)</p> <p>List of Components</p> <ul style="list-style-type: none"> • Charging Hose set • Manifold Guage • Air Blower • Vacuum Pump • LPG Cylinder • Brazing Torch • Pliers • Long Nose Pliers • Low Pressure Coupler • Adjustable Wrench • Brush Set • D.O.E. Spanner Set 	1
4	<p>Air conditioning trainer kit</p> <p>Description :- This unit consists of a hermetically sealed compressor with air cooled Condenser. A capillary or expansion valves are next to condensers followed by medium temperature evaporators. Electrical energy supplied to the compressor can be measured by energy meter.</p> <p>Experiments :- To calculate the COP of unit. To calculate the refrigerating effect and HP of unit. To determine the sensible heat factor of air.</p> <p>Technical Specification :- Compressor: Hermetically sealed compressor Single phase 220/230V Condenser :Fined Tube type air cooled condenser Evaporator: Fins and copper tube type cooling coil of suitable capacity(1TR) Refrigeration : R22 Fan Blower Set : Standard make Rotameter : To measure the flow of liquid refrigerant gas</p>	1

	<p>Electrical Control: Main Switch, Wattmeter, Amp. Meter Digital Panel type, Digital Temperature : Provided with sensor for various Temperature Indicator application. Voltage : Single Phase 220 Volts 50Hz. AC Supply Manual : Operation and maintenance manual provided along with the supplied equipment. The whole Set-up is mounted on a sturdy frame with control panel.</p>	
5	Arbor press hand operated 2 ton capacity	1
3 A)	<p>Automotive exhaust (gas analyzer Petrol) Conforms to IS : 14553 - derived from ISO 11614 : 1999</p> <ul style="list-style-type: none"> • Measures smoke opacity of diesel vehicles in % opacity and K value • Measurement principle : Partial flow, optics based on folded geometry • Suitable for free acceleration test • Engine RPM (Battery based) and Engine oil temperature measurement • Operates on 230V AC (or) 12V DC power supply • Portable, Compact & light weight design, suitable for "Road Tests" using vehicle battery • Low & High voltage indication for battery operation • Automatic Zero and Span calibration • Automatic Pressure regulation and moisture separation • Handheld, Menu driven LCD remote control unit • Pass / Fail indication and emission limit in printout • Vehicle no., vehicle specification, operator name and test data in printout • RS232C serial port for PC interface 	1
3 B)	<p>Diesel Smoke meter</p> <ul style="list-style-type: none"> • Conforms to ISO 3930 • NDIR technology • Engine RPM measurement facility • 7 Segment LED display • Automatic condensate discharge • Automatic zero calibration • Digital span calibration • RS232C serial port for PC interface • NOx measurement (Optional) • Engine oil temperature measurement (Optional) • Portable light weight design • DC operation suitable for "Road tests" using vehicle battery • Display of Lambda / AFR / PEF • Petrol / CNG / LPG selection • Indication for Low / High flow • Indication for battery Low / High voltage 	

20	MPFI petrol engine with swiveling stand along with special tools for dismantling and assembling	1
21	Multi Scan Tool with oscilloscope Technical Specification o Android OS, prevailing panel pc configuration o CPU: Dual core 1GHz o Polymer lithium-ion battery, 3000mA o Extended memory card, support 32G Micro SD (TF) card o Storage capacity: 2GB o Internal Memory: 512MB o Screen Size: 7.0 inch o Screen Resolution: 1024 * 600 o Touch Screen: Multi-touch capacitor screen o Cameras: 2 mega rear and 0.3 mega front o Wireless Communication: WIFI, Bluetooth o Working Temperature:-10 C-55 C (14 F to 131 F) o Storage Temperature:-20 C-70 C (-4 F to 158 F)	1
22	Petrol Engine(2-stroke) Motor Cycle/Scooter along with special tools and accessories	1
23	Pipe Bending Machine (Hydraulic type) 12mm to 30mm	1
24	Pneumatic rivet gun with standard accessories	2
25	Spring tension tester	1
26	Tin smiths bench folder 600 x 1.6mm	1
27	Transfer case with stand for Dismantling and assembly.	1
28	Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5	1
29	Tube/ tyre vulcanizing machine	1
30	Two post car lift – capacity 4000 kg Automobile lifts with base frame, using electro hydraulic operation suitable to lift vehicles upto 4 ton. <ul style="list-style-type: none"> • Clear floor design • Commercial grade • Powder coat finish • Single point lock release • Truck adapters included • Asymmetric arm design • Symmetric post design • Dual hydraulic cylinder to ensure steady lifting & lowering 	1
31	Tyer Changer Machine The side swinging mounting arm enables the user to install it near the wall occupying very less space. The specially designed bead breaker	1

	<p>handles rims very gently and safely.</p> <ul style="list-style-type: none"> • Suitable for Car and LCV Tyres • Side swing mounting arm • Pneumatic Twin Cylinders for firm clamping • Four jaw self centering chuck • Alloy wheel plastic protector • Bead breaking by pneumatically operated cylinders • Clockwise and Anticlockwise rotation of turn table using Electric Motor • Built-in FRL (Filter, Regulator and Lubricator) • Motorcycle adopter (Optional) 	
32	Ultrasonic Injection cleaning equipment	1
33	Welding plant Oxy-Acetylene complete (high pressure)	1
34	Welding Transformer (150-300 Amps)	1
35	<p>Wheel alignment Machine –computerised 3D</p> <p>Auto Boom</p> <p>Automatic camera beam movement synchronized with movement of the vehicle on the lift. All measurements can be done at floor level and adjustments at any convenient level. Provision for manual height adjustment also.</p> <ul style="list-style-type: none"> • Unique Align+ software • Microsoft Windows7 compatibility Alignment program • Compatible with Alignment Pit / lifts • Auto-adjustable Horizontal beam to suit various vehicle resting platforms • Unique Software to track the position of Vehicle and automatically adjust to respective height • Vision based 3D Imaging technology using 2 CMOS Camera • Simultaneous Front and Rear wheel alignment (4x4) • Push Pull Runout compensation • Setback / Thrust angle compensation • Unlimited memory for vehicle specifications • Option for selection of vehicle specification during alignment • Power failure data protection • Animated pictorial display of angles during alignment • Two Color Bar display for adjustment of all angles • Automatic tracking of Left & Right turns for Caster/Kingpin measurements • Adjustment of Camber in wheel Jacked-up position & Toe curve • Quick Wheel Alignment program by user defined • Rear Setback & Track width difference • Data Manager Software for storing alignment results • Customer Address in printout & customer data edit option provided before taking printout • 3-D Pictorial & Two color text printout 	1

	<ul style="list-style-type: none"> • Lift level compensation • Multi-lingual program & Voice prompt 	
36	<p>Wheel balancing machine Professional DSP Wheel Balancer with 15.5" LED monitor and Icon based touch pad, suitable for 10"-24" rim dia and maximum 65 kg wheel weight.</p> <ul style="list-style-type: none"> • Suitable for Car and LCV wheels • LED Monitor • Static and Dynamic balancing • Simultaneous display of Inner and Outer plane results • Five modes of Alloy wheel functions • Two modes of measurements – Normal and Fine • Unbalance recalculation • Self checking, on-line ERROR display facility • Dimension setting in "INCH" or "MM" • Unit conversion in "grams" / "ounces" • Self calibration • Automatic distance input mechanism • Automatic start with Wheel guard closure • Split weight mode (Spokes Program) • Automatic measurement of Rim diameter • Automatic measurement of Rim diameter and Rim width • Optimisation program • Spin count 	1
37	<p>Working Condition of Diesel Engine – CRDI - 4 stroke Engine Assembly with fault simulation board</p> <p>STRUCTURE OF COMMON RAIL DIRECT INJECTION SYSTEM</p> <p>Injection nozzle: Fuel Supply Pump: Fuel Filter: The Rail of Common Rail Injection System: High-pressure Line: Injector: Solenoid Valve Injector:</p> <p>Electronic Control Unit: An Engine Control Unit (ECU), also known as Engine Management System (EMS) is an electronic device, fundamentally a computer, that is part of an internal combustion engine, which reads several sensors in the engine and uses the information to control the ignition systems of the engine. This approach allows an engine's</p>	1

	<p>operation to be controlled in great detail, allowing greater fuel efficiency, better power and responsiveness, and much lower pollution levels than earlier generations of engines. Because the ECU is dealing with actual measured engine performance from millisecond to millisecond, it can compensate for many variables that traditional systems cannot, such as ambient temperature, humidity, altitude (air density), fuel octane rating, as well as the demands made on it by the driver. In addition, it is able to a large degree to compensate for the gradual wearing of the engine as it ages, which in practice allows it to extend engine life to two or three times that of engines of twenty years ago.</p> <p>.</p> <p>FEATURES Compact Design: Modular System: Responsiveness at low revs: Independent Injection Pressure: Lower NOx Emissions: Full Electronic Control: 5 TEST POINTS 8 FAULT SIMULATION POINTS</p>	
38	Working Condition of Petrol MPFI Engine Assembly with fault simulation board	1
	D. List of consumable:	
1	Automatic Transmission oils	As required
2	Battery- SMF	As required
3	Brake fluids	As required
4	Chalk, Prussian blue.	As required
5	Chemical compound for fasteners	As required
6	Diesel	As required
7	Different type gasket material	As required
8	Different type of oil seal	As required
9	Drill Twist (assorted)	As required

10	Emery paper - 36–60 grit , 80–120	As required
11	Engine coolant	As required
12	Engine oil	As required
13	Gear oils	As required
14	Gloves for Welding (Leather and Asbestos)	5 sets
15	Hacksaw blade (consumable)	As required
16	Hand rubber gloves tested for 5000 V	5 pair
17	Holdings, lamp teakwood boards, plug sockets, solders, flux wires and cables batteries round consumable blocks and other consumables as required	As required
18	Hydrometer	4
19	Lapping abrasives	As required
20	Leather Apron	5
21	Petrol	As required
22	Power steering oil	As required
23	Radiator Coolants	As required
24	Safety goggles	As required
25	Steel wire Brush 50mmx150mm	5
	E. Workshop Furniture	
1	Book shelf (glass panel) 6½ ‘ x 3’ x 1½’	As required
2	Computer Chair	1+1
3	Computer Table	1+1
4	Desktop computer and related MS office software	1+1
5	Discussion Table 8’ x 4’ x 2½ ‘	2
6	Fire Extinguishers, first- aid box	As required
7	Instructional Material – NIMI Books/Ref.books	As required
8	Internet connection with all accessories	As required
9	Laser printer	1
10	LCD projector/ LED /LCD TV (42”)	1
11	Multimedia DVD for Automotive application/subjects	As required
12	Online UPS 2KVA	1
13	Stools	21

14	Storage Rack 6½ ‘ x 3’ x 1½’	As required
15	Storage shelf 6½ ‘ x 3’ x 1½’	As required
16	Suitable class room furniture	As required
17	Suitable Work Tables with vices	As required
18	Tool Cabinet - 6½ ‘ x 3’ x 1½’	2
19	Trainees locker 6½ ‘ x 3’ x 1½’	2 Nos. to accommodate 20 Lockers
TRAINEE’S TOOLS KIT		
1	Draughtsman drawing instrument box	20+1 set
2	Set square celluloid 45 (250 X 1.5 mm)	20+1 set
3	Set square celluloid 30 -60 (250 X 1.5 mm)	20+1 set
4	Mini drafter	20+1 set
5	Drawing board	20+1 set
GENERAL MACHINERY SHOP OUTFIT		
1	Draughtsman table	20 Nos.
2	Draughtsman stool	20 Nos.
3	Computer Latest version compatible for running Auto CAD software, preloaded with windows and 20” colour Monitor.	10Nos
4	Plotter (Max. A3 size) (Max. A0 size)	1 No.
5	Laser Jet printer latest model	1 No.
6	UPS - 5 KVA	2 Nos.
7	Computer table	10 Nos.
8	Computer chairs	10 Nos.