

Appendix-II

Sr. No.	Name of the item with specifications	Qty.
1.	<p>Computerised Petrol Engine set-up</p> <ul style="list-style-type: none"> ● Three Cylinder, 4 Stroke. Brand New Automotive petrol engine water cooled, 4 valve per Cylinder, with catalytic convertor. ● Multi Point Fuel Injection, Displacement: 998 (cc) or better. ● Suitable Eddy Current Dynamometer. ● Fuel Quantity Control (Lambda based) Fuel Calculations- Open ECU Injection Angle Control (Injection Stop Angle Before TDC) ● Ignition Time Control, ● Dwell Time Control, ● Electronic Throttle Control, ● Crank Angle Sensor 0.1° ● Software: Engine Combustion Analysis and Performance Software. ● Exhaust Gas analyzer to measures five gases including Hydrocarbons (HC), Carbon Monoxide (CO), Carbon Dioxide (CO₂), Oxygen (O₂), and Oxides of Nitrogen (NO_x). <p>For both diesel & petrol application</p>	01