Semi Auto Analyser

 Should be microprocessor controlled general purpose bi-chromatic photometer system with at least 6 filters ranging from 340 to 630nm.

 Temperature 37 self-monitoring built-in incubation systems for temperature controlled absorbance reading.

 Light source : Tungsten/ halogen or higher grade with one additional bulb.

 Should have end point, kinetic and two point kinetic measurement modes.

 Should have flow cell measuring device.

 Should have inbuilt printer.

 Should have a measurement range from 0.001 to 2.300Abs

 Should have facility for reading results on LCD display.

 Should have quality control – two control/test QC survey of at least 30 points, Levy Jenny plot.

 Should have a filter half bandwidth of 10nm or lesser.

 Should have a test programme memory of 50 or more.

 Should be provided with sample carry over prevention facility.

 Should be supplied with 1 variable (10-100µl) and one fixed volume 500 µl pipettes.

 Aspiration should be based on Bellow/Peristaltic Pump/ Vacuum pump.

 Should provide 500 ml of reagents for urea, S. creatine, S. bilirubin, sugar,

 cholesterol, and Quality control 5ml one each for normal, abnormal.

 Should be supplied with on line pure sine wave UPS of sufficient capacity for a minimum back of 30 minutes.

 Should be provided with calibration certificate issued by the manufacturer at the time of installation and calibration certificate should be issued for the machine by the supplier during preventive maintenance visit in the warranty/AMC period if demanded by the end user.

 Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.