

**TECHNICAL SPECIFICATION - (FULLY AUTOMATED CLINICAL BIOCHEMISTRY ANALYSER)**

(Please tick ( / ) the appropriate box)

1. Analyser should be fully automated with random access for routine chemistries.  
**Yes / No Type : Wet / Dry**
2. The equipment should have excellent precision & accuracy with excellent reproducibility. **Yes / No**
3. Minimum number of sample positions and reagent positions should be 40, with onboard cooling facility for reagent. **Yes / No**
4. STAT facility for emergency samples. **Yes / No**
5. Continuous sample loading facility and sample volume taken must be (2-35) micro litre.  
**Yes / No**
6. Onfly calibration should be possible. **Yes / No**
7. Should have the facility to run QC and display L J graph. **Yes / No**
8. System should be compatible with HIS/LIS (Hospital Information System) i.e. Inter facing the machine. Complete PC along with easy to operate software should be provided with the Analyser with the storage of minimum of 3000 patients report with search facility.  
**Yes / No**
9. Reagent pack size must be mentioned and should be <100 tests per pack size. Onboard stability of reagents should be >14 days and shelf life of reagents must be > 6 months.  
**Yes / No**
10. Operating voltage required should be 200 to 240VAC. **Yes / No**
11. Light source should be tungsten- halogen or higher. **Yes / No**
12. Cost per reportable test must be mentioned. **Yes / No**
13. Required wavelength - ranging from 340 nm - 700 nm. **Yes / No**
14. Analyser through put should be minimum of 200 Test/hour without ISE. (Ion selective electrode) **Yes / No**
15. In case of wet chemistry auto analyser
  - (a) ISE module should be available along with the instrument (Integrated or separate unit). **Yes / No**
  - (b) Reaction cuvettes should be disposable. **Yes / No**
  - (c) Separate probe for reagent and sample. **Yes / No**
16. Reagent inventory and calculation of remaining reagent volume and test should be available. **Yes / No**
17. Sample probe with liquid level and clot detection sensor and crash protection needed. **Yes / No**
18. Local service support must be available for (24x7). **Yes / No**

**Signature/Seal of Vendor**