

### **E -TENDER CORRIGENDUM**

Reference Tender Notice No: NEIGR/S&P/01/03/2017-2018; Dated: 05.03.2018 pertaining to Tender Enquiry No: NEIGR/S&P/OT/E-75/2017 -18 for processing of Fully Automated Capillary Electrophoresis System, with 5 years warranty and thereafter 5 years CMC, for department of Biochemistry.

The specification of the above system has been totally revised as follows:-

#### **Specifications for Capillary Electrophoresis System**

- Fully automated bench-top analyzer, complete walkaway system with no manual intervention platform intended for serum electrophoresis and Immunodisplacement/ Immunotyping, urine electrophoresis and Immunodisplacement / Immunotyping.
- At least 8 silica capillary based system for electrophoresis in liquid flow, which should be loaded in Peltier temperature controlled capillary chamber
- Diameter of capillary should not be less than 40µm to avoid any clog during sample run – to increase efficiency of system and avoid loss of reagents.
- Throughput: At least 70 samples /hour for proteins.
- System should be able to process minimum 32 samples/ hour for Haemoglobin electrophoresis.
- System should have onboard quality control with option of Levy Jennings and statistical reports.
- System should have minimum six on-board buffer system containers, up to four open user-defined assay buffer positions to run different test- parameters simultaneously for ease of functioning and time saving in daily operation.
- System should have bar coded buffer and reagent containers with dynamic buffer level monitoring to have better visibility of reagent status in the system during functioning/ sample processing.
- System should position for antisera, e.g. Anti -IgG, IgA, IgM, Kappa, Lambda for optimized utilization of antisera and cost saving in reagent consumption.
- System should be able to perform Iso- Eletro focusing tests for interpretation of Hb disorders.
- System should have minimum 8 temperature controlled reagent position for on board assay flexibility for addition antisera like IgD and IgE.
- System should have automatic reflex testing option based on the user defined criteria with no manual intervention.
- System should have option for Agarose gel integration facility to have wider options for analysis of critical samples in single go. No need of processing samples separately for confirmation.
- System should work at 230V±10% and input frequency 50-60HZ
- System should have audible and different color light indication for system status (error messages, running status and maintenance status).
- System should have Auto- maintenance feature to avoid any manual interference & increase efficiency.

**Test menu Available**

- Serum Protein,
- Urine Protein,
- Immunodisplacement (IgG, IgA, IgM, Kappa, Lambda)
- Serum Protein High Resolution
- Carbohydrate Deficient Transferrin (CDT)
- Haemoglobin IEF

**Optics**

- Deuterium lamp
- Gradient system
- Optical fibres for emission and reception
- UV lenses
- C-MOS diode detector system

**Programs and software**

- Detection of abnormal values (flagging)
- Statistics: 3QC levels per analysis program (Levey- Jennings)
- Compressed print- outs results and curves
- Storage capacity of at least 5,00,000 patients database
- System should be compatible for integration into the Laboratory Information System (LIS) with bi- directional compatibility
- Both pre –programmed and manual entry of comments
- Selection of pre-programmed identification table for fraction identification
- Overlay of reference pattern, control or patient curve
- Data display: Equipment should be compatible with printer and provide output via built-in digital display.
- Remote maintenance & software upgradation facility should be available with system.
- Instrument should be equipped supplied along with online UPS with a power backup of at least 30 minutes
- Standards and certification: System and reagent should be CE/IVD (for Invitro diagnostic) certified.

All other terms and conditions remains the same.

For further details regarding amendment, addendum, extension and downloading of documents, please visit our website: [www.neigrihms.nic.in](http://www.neigrihms.nic.in); Tenders can also be downloaded from the Central Public Procurement Portal website: [www.eprocure.gov.in](http://www.eprocure.gov.in); Tel/Fax: 0364-2538032.

Sd/-  
Stores & Procurement Officer,  
For and on behalf of Director, NEIGRIHMS

