Amendment No. 5

Date: 27.02.2017

Sub: Amendment No. 5 to the Tender Enquiry Document

Ref: Tender Ref. No.: HLL/PCD/PMSSY-II/NAGPUR/19/16-17 Dated 04.01.2017

The schedule for submission of tenders for the following Rfx Nos. in the referred NIT has been revised.

SECTION I
NOTICE INVITING e-TENDERS (NIT)

For:

Sl. No	Rfx No.	Item Name	Department	Qty	EMD (Rs.)
1	3000001573	Automated Electrophoresis System	Pathology	1	30,000.00
5	3000001577	Fully Automated Coagulation Analyzer	Pathology	1	40,000.00
6	3000001578	Fully Automated ESR Analyzer	Pathology	1	12,000.00
7	3000001579	Fully automated urine analyzer	Pathology	2	20,000.00

The revised schedule is as below:

Sl. No.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	15.03.2017, 1300 hrs (IST) Bidders have to submit Original Bank Instruments viz. DD/BC/BG of tender fee and EMD within the above mentioned date and time
d	Closing date & time for submission of online bids	15.03.2017, 1200 hrs IST
e	Time and date of opening of online bids	15.03.2017, 1400 hrs IST

Note:

(i) If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the date of tender opening, i.e., upto 27 August 2017.
(ii) Tender fee (Rs. 5,000/-) and EMD (As applicable) should be deposited in the Tender Box located at **HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh** on or before **15.03.2017, 1300 hrs (IST). Submission beyond stipulated date & time would result in REJECTION of BID.**

Technical Amendment

Schedule No. 1, Automated Electrophoresis System

1. Existing Schedule No 01, Automated Electrophoresis:

Automated Electrophoresis System

/Densitometer

Required to carry out electrophoresis based special assays on patient samples for a super specialty hospital which charges the patients? This has to cater to the needs of a complete oncology and nephrology set up.

I. Automated electrophoresis system for hospital clinical laboratory. Featuring

- Automated electrophoretic run , drying staining and de-staining
- System machine should use Cellulose Acetate or Agarose strips as Matrix for Electrophoresis and separate strips and kits for Immunofixation.
- Should have two sample applicators made of special stainless steel.
- Automated control of voltage, time and current
- Gel temperature control with peltier effect
- Facility to separate serum proteins, haemoglobin, lipoproteins, CK, LDH & Alkaline phosphatase isoenzymes
- Facility for immunofixation
- Facility to store at least 30 application protocols
- Facility to run serum, urine & CSF samples without prior dilution or concentration
- Alarm for level sensing, timer and doors
- Samples for one gel should not exceed 10
- Equipment must not have any water sources or pumps.
- Migration Chamber should be monobloc with carbonium electrodes and should be able to give uniform distribution of current on the full strip.
- Should have multireagent (at least 7) independent tanks.
- Process Control System should be guided by electromagnetic heads with optical sensor built in the Head.

II. Densitometer (or) Gel scanner with the necessary accessories and software Either of these with the following features to be procured along with electrophoresis system

- Scanning & processing all gels including those specified above
- Facility to store the scanned image of the gel
- Facility for curve editing and entry of patient demographics
- Availability of quantification and quality control features
- Storage of patient data and results – upto a minimum of 10000 samples 58
- Facility to generate a comprehensive report containing patient demographics, scanned image of the gel, curve and quantification data

III Software upgradation to be provided free of cost upto 5 years

IV All necessary standard accessories like those required for sample application to be provided along with the instrument.

V 3 years warranty inclusive of spares and accessories from the date of installation followed by Comprehensive maintenance (inclusive of spares) @ 5% of the cost of equipment form 4th to 7th year

VI Suitable PC with colour ink jet printer to be provided along with the equipment.

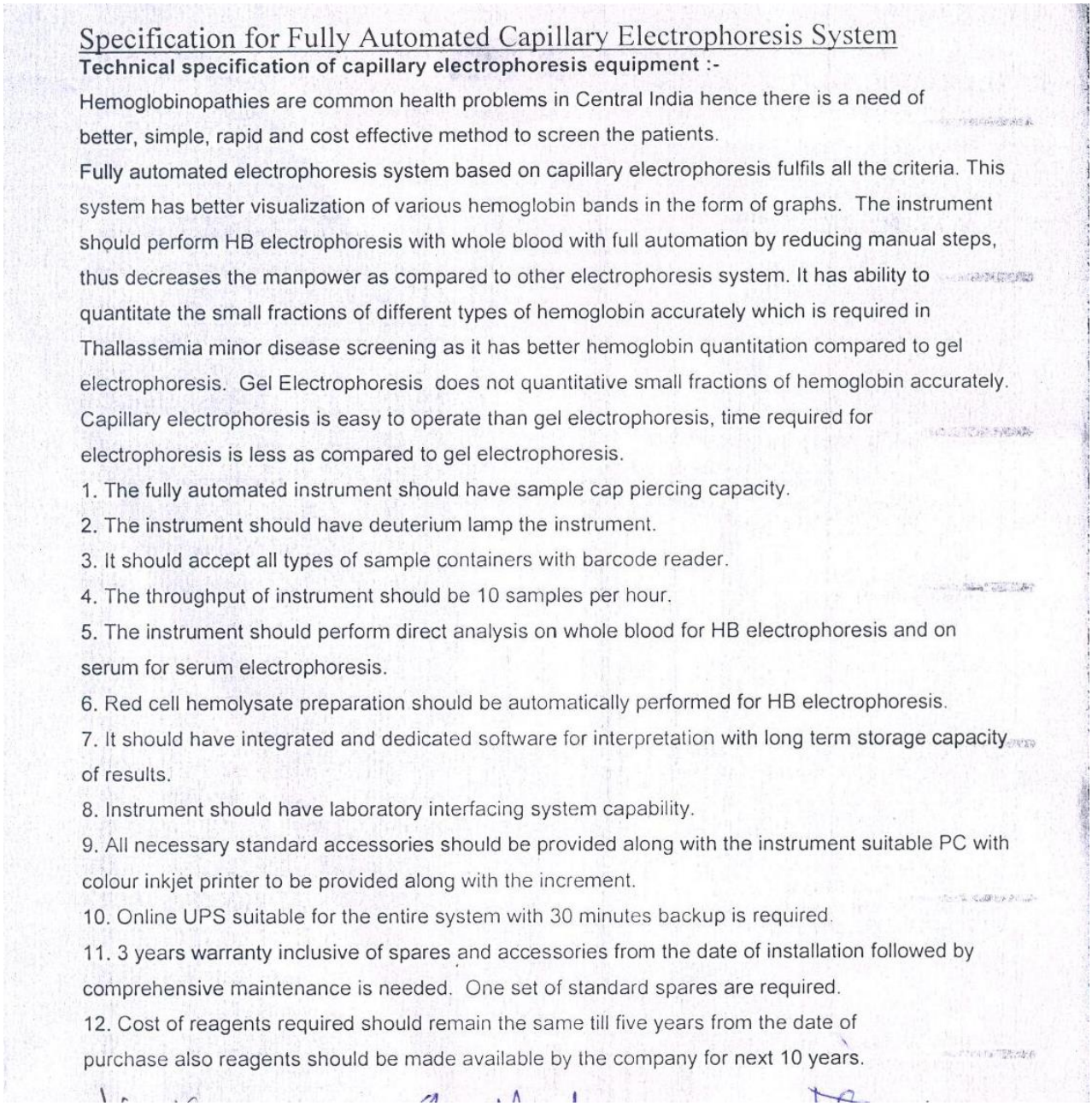
VII Online UPS suitable for the entire system with 30 minutesback up.

VIII One set of standard spares

IX Two kits of serum protein electrophoresis, one kit each of Lipoproteins, and isoenzymes of LDH and alkaline phosphatase to be provided as starter kits

Read as:

Schedule No 01, Fully Automated Capillary Electrophoresis System



Specification for Fully Automated Capillary Electrophoresis System

Technical specification of capillary electrophoresis equipment :-

Hemoglobinopathies are common health problems in Central India hence there is a need of better, simple, rapid and cost effective method to screen the patients.

Fully automated electrophoresis system based on capillary electrophoresis fulfils all the criteria. This system has better visualization of various hemoglobin bands in the form of graphs. The instrument should perform HB electrophoresis with whole blood with full automation by reducing manual steps, thus decreases the manpower as compared to other electrophoresis system. It has ability to quantitate the small fractions of different types of hemoglobin accurately which is required in Thallassemia minor disease screening as it has better hemoglobin quantitation compared to gel electrophoresis. Gel Electrophoresis does not quantitative small fractions of hemoglobin accurately. Capillary electrophoresis is easy to operate than gel electrophoresis, time required for electrophoresis is less as compared to gel electrophoresis.

1. The fully automated instrument should have sample cap piercing capacity.
2. The instrument should have deuterium lamp the instrument.
3. It should accept all types of sample containers with barcode reader.
4. The throughput of instrument should be 10 samples per hour.
5. The instrument should perform direct analysis on whole blood for HB electrophoresis and on serum for serum electrophoresis.
6. Red cell hemolysate preparation should be automatically performed for HB electrophoresis.
7. It should have integrated and dedicated software for interpretation with long term storage capacity of results.
8. Instrument should have laboratory interfacing system capability.
9. All necessary standard accessories should be provided along with the instrument suitable PC with colour inkjet printer to be provided along with the increment.
10. Online UPS suitable for the entire system with 30 minutes backup is required.
11. 3 years warranty inclusive of spares and accessories from the date of installation followed by comprehensive maintenance is needed. One set of standard spares are required.
12. Cost of reagents required should remain the same till five years from the date of purchase also reagents should be made available by the company for next 10 years.

Note:

Bidder should quote prices for reagents & consumables required for 3 years in the table1 given in this amendment. This shall be added to the equipment price for calculation of L1

Schedule No. 05
Fully Automated Coagulation Analyser

1. **Existing Para 13:** Para 13: Availability of minimum **300** cuvette capacity in a roll with continuous loading.

   Read as: Availability of minimum **50 or more cuvette** capacity in a roll with continuous loading

2. **Existing Para 17:** Availability of minimum **50** sample positons with continuous loading/ STAT facility

Read as: Availability of minimum **20 or more** sample positons with continuous loading/ STAT facility

3. **Existing Para 18:** Availability of minimum **20** reagent positions all at 15 deg C

Read as:
Availability of minimum **10 or more** reagent positions all at 15 deg C.

Note:
Bidder should quote prices for reagents & consumables required for 3 years in the table2 given in this amendment. This shall be added to the equipment price for calculation of L1

Schedule-6
Fully Automated ESR Analyser

Note:
Bidder should quote prices for reagents & consumables required for 3 years in the table3 given in this amendment. This shall be added to the equipment price for calculation of L1

Schedule-7
Fully Automated Urine Analyser

1. **Existing Para 2:** For chemistry, it should provide parameters like glucose, Protein, Blood, Bilirubin, urobilinogen, pH, ketones, Nitrates, **Creatinine (optional), Albumin (Optional), Albumin/ Creatinine ratio (Optional), Protein/ Creatinine ratio (Optional)/ Ascorbic acid measurement for identification of interference in various chemistries (Optional)**

Read as: For chemistry, it should provide parameters like Glucose, Protein, Blood, Bilirubin, Urobilinogen, pH, Ketones, Nitrate.

1. **Existing Para 4:** Instrument strip feeder should have **1-300** strips at a time with contentious loading for true walkaway analysis and easy visibility to remaining strips in the system. High quality reliable test strips for 1000 cases

Read as: Instrument strip feeder should have **1-200** strips at a time with contentious loading for true walkaway analysis and easy visibility to remaining strips in the system. High quality reliable test strips for 1000 cases.

2. **Existing Para 5:** For sediment analysis the instrument must be based on Fluorescence Flow cytometry for measurement of Parameters such as RBC, WBC, Epithelial Cells, Cast and Bacteria **with separate channels with Dedicated Staining Dyes for measurement of Bacteria and sediments**

Read as: For sediment analysis the instrument must be based on Fluorescence Flow cytometry/ Digital image capturing technology for measurement of parameters such as RBC, WBC, Epithelial Cells, Cast and Bacteria.

3. **Existing Para 11:** Instrument should be capable of analysis in different process types like, chemistry or microscopy only, reflex mode with capacity of **60** sample tubes

Read as: Instrument should be capable of analysis in different process types like, chemistry or microscopy only, reflex mode with capacity of **50** sample tubes.

Note:
Bidder should quote prices for reagents & consumables required for 3 years in the table4 given in this amendment. This shall be added to the equipment price for calculation of L1

Table-01 for Schedule No 01
Fully Automated Capillary Electrophoresis System

Test	Reagent Pack			Cost of reagent per test **(A)**	Cost per test for controls, calibrators, buffers etc. excluding consumables (INR) **(B)**	Cost of per test for consumables- **frequent use** (capillaries, glassware, lasticware, cuvettes etc.) (INR) **(C)**	Total cost per test (INR) **(A+B+C)**
	(no. of tests per pack)	(pack size in ml)	Cost offered				
Serum protein separation							
Haemoglobin separation							
1. Total cost for 1000 tests for Serum protein separation (approx. for 3 years)							
2. Total cost for 45000 tests for Haemoglobin separation (approx. for 3 years)							
Grand Total (1+2)							

Taxes extra to be specified.

Cost of reagents, consumables, controls after initial 3 years until completion of warranty period (4^{th}-5^{th} year) and CMC period (6^{th}-10^{th} year) to be fixed.

Calibrator cost should be included in the reagents/consumables cost.

Warranty & CMC should also cover electronic boards/circuits.

All other consumables – **non frequent use** (glassware, plastic ware, electrodes etc.). Complete list of all consumables for the quoted model to be provided and rate to be fixed for Warranty & CMC period

Table-02 for Schedule No. 05, Fully Automated Coagulation Analyser

Test	Reagent Pack			Cost of reagent per test **(A)**	Cost per test for controls, calibrators, buffers etc. excluding consumables (INR) **(B)**	Cost of per test for consumables **frequent use** (glassware, plasticware, cuvettes etc.) (INR) **(C)**	Total cost per test (INR) **(A+B+C)**
	(no. of tests per pack)	(pack size in ml)	Cost offered				
PT							
PTTK							
D-dimer							
LA							
1. Total cost for 18000 tests for PT (approx. for 3 years)							
2. Total cost for 9000 tests for PTTK (approx. for 3 years)							
3. Total cost for 300 tests for D-dimer (approx. for 3 years)							
4. Total cost for 300 tests for LA(approx. for 3 years)							
Grand Total (1+2+3+4)							

Taxes extra to be specified.

Cost of reagents, consumables, controls after initial 3 years until completion of warranty period (4^{th}-5^{th} year) and CMC period (6^{th}-10^{th} year) to be fixed.

Calibrator cost should be included in the reagents cost.

Warranty & CMC should also cover electronic boards/circuits.

All other consumables – **non frequent use** (glassware, plastic ware, electrodes etc.). Complete list of all consumables for the quoted model to be provided and rate to be fixed for Warranty & CMC period

Table 3 for Schedule-6
Fully Automated ESR Analyser

Test	Reagent Pack			Cost of reagent per test **(A)**	Cost per test for controls, calibrators, buffers etc. excluding consumables (INR) **(B)**	Cost of per test for consumables- **frequent use** (glassware, plasticware, cuvettes etc.) (INR) **(C)**	Total cost per test (INR) **(A+B+C)**
	(no. of tests per pack)	(pack size in ml)	Cost offered				
ESR							
1. Total cost for 18000 tests of ESR (approx. for 3 years)							

Taxes extra to be specified.

Cost of reagents, consumables, controls after initial 3 years until completion of warranty period (4^{th}-5^{th} year) and CMC period (6^{th}-10^{th} year) to be fixed.

Calibrator cost should be included in the consumables cost.

Warranty & CMC should also cover electronic boards/circuits.

All other consumables – **non frequent use** (glassware, plastic ware, electrodes etc.). Complete list of all consumables for the quoted model to be provided and rate to be fixed for Warranty & CMC period

Table 4 for Schedule-7
Fully Automated Urine Analyser

Test	Reagent Pack			Cost of reagent per test **(A)**	Cost per test for controls, calibrators, buffers etc. excluding consumables (INR) **(B)**	Cost of per test for consumables – **frequent use** (urine strips, glassware, plasticware, cuvettes etc.) (INR) **(C)**	Total cost per test (INR) **(A+B+C)**
	(no. of tests per pack)	(pack size in ml)	Cost offered				
Urine analysis							
1. Total cost for 21600 tests (approx. for 3 years)							

Taxes extra to be specified.

Cost of reagents, consumables, controls after initial 3 years until completion of warranty period (4^{th}-5^{th} year) and CMC period (6^{th}-10^{th} year) to be fixed.

Calibrator cost should be included in the consumables cost.

Warranty & CMC should also cover electronic boards/circuits.

All other consumables – **non frequent use** (glassware, plastic ware, electrodes etc.). Complete list of all consumables for the quoted model to be provided and rate to be fixed for Warranty & CMC period

All other terms and conditions of the tender enquiry remain unaltered.

<u>Note:</u> Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids.