

15.03.2019

TAMILNADU MEDICAL SERVICES CORPORATION LTD.,
TENDER FOR FIXING RATE CONTRACT FOR SUPPLY AND INSTALLATION OF
COLORIMETER AND SEMI AUTOMATED COAGULATION ANALYZER TO
VARIOUS GOVT. HOSPITAL
TENDER NO.258/ANL/NRHM/TNMSC/ENGG/2018, DT.02.01.2018

CORRIGENDUM

a) The following corrigendum are issued:-

Sl. No.	Tender document reference	Instead	Read as
1.	Page No.56 Section VI: Technical Specification 2. Specification for Semi Automated Coagulation Analyzer	Existing Text	Revised Text at Annexure - I

b) The following clarification are furnished:-

Sl. No.	Tender document reference	Point Raised	Clarification Furnished
1.	Page No.56 Section VI: Technical Specification 2. Specification for Semi Automated Coagulation Analyzer 1. <u>It should have a light scattering and end point clot detection method.</u>	Request to amend as should have light scattering and end point clot detection method/Viscosity based detection system method. Request to amend as should be based on optical/mechanical detection method, should be insensitive to interference from lipemic, Icteric and haemolysis sample.	No Change.

Sl. No.	Tender document reference	Point Raised	Clarification Furnished
2.	Page No.56 Section VI: Technical Specification 2. Specification for Semi Automated Coagulation Analyzer <u>4. Inbuilt mixer for homogeneous clot formation</u>	Request to amend as inbuilt mixer for homogenous clot formation and insensitive for Icteric, Hemolytic and lipemic samples.	No Change.
3.	Page No.56 Section VI: Technical Specification 2. Specification for Semi Automated Coagulation Analyzer <u>13. Should use individual separate cuvette</u>	Request to amend as individual/divisible separate cuvette.	No Change.

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

**Sd/-
General Manager (E)**

**4. SPECIFICATION FOR SEMI AUTOMATED COAGULATION ANALYZER -
REVISED**

1. It should have a light scattering and end point clot detection method.
2. LED as light source, and should perform 4 tests at same time
3. It should use only half the reagent volume of the manual procedure
4. Inbuilt mixer for homogeneous clot formation
5. position for reagent with incubation
6. separate detector for discrete analysis
7. Should be programmed for minimum 12 parameters
8. Temperature controller for reagent and reaction chamber
9. Should detect fibrinogen less than 60mg/dl.
10. point calibration curve storage for 12 parameters
11. Should print, with PT, INR, RATIO, GRAPH, ACTIVITY
12. Maximum 550 sec detection time
13. Should use individual separate cuvette
14. Minimum 100 cuvette supplied along with the instrument.
15. Coagulation Analyzer should be capable of following tests and should have necessary filters for the same.
 - i. Prothrombin Time
 - ii. Fibrinogen
 - iii. Activated Partial Thromboplastin Time
 - iv. Intrinsic and Extrinsic Factor Assay
 - v. Protein C
 - vi. Chromogenic ATIII
 - vii. D Dimer
 - viii. Lupus Anticogulant
 - ix. Protein S
16. It should have atleast 18 cuvette incubation position.
17. It should have minimum 12 sample/reagent position, of which atleast 7 numbers should be at 37°C and numbers at Room temperature.

18. It should have a large touch screen for display of calibration QC data, sample data, programming, setting and running test.
19. The calibration should have facility to input atleast 6 multipoint calibration data, MNPT and ISI values.
20. It should accept minimum 14 digit sample alphanumeric ID which can continue in sequential mode.
21. The system should have atleast 10 QC options per test with L-j facility, display, print and disable/delete points.
22. Standard accessories should include USB pendrive, Indian power cord, paper rolls, dust cover, reagent holder, stylus, magnetic beads for stirring, small reagent cups. Software upgration should possible by using USB pen drive.
23. The system should accept RFID data for cuvettes loading.
24. System should have facility for Clot curve generation for PT and APTT.
25. System should have facility for software setting for sample to be run in duplicate mode, with average printed, with results and max. variation allowed.