

Amendment No 2**20.04.2019****Sub: Amendment to the Bidding Document****Ref.: Notice Inviting Bid ref. HITES/PCD/IITKGP/02/18-19 dated 08.03.2019 read with its Amendment No. 1 dated 10.04.19**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

SECTION - VII**TECHNICAL SPECIFICATION****Item no. 02 (RFx/Event no. 3000003921)****Fully automated random access biochemistry analyser (~~300 samples~~)**

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 43	Through put : 130 tests / hour without ISE	Throughput should be minimum 400 tests / hour with ISE and minimum 130 tests / hour without ISE.
2	Page 44	SAMPLE LOADING: Minimum of 80 sample positions with 30 priority positions (continuous loading). Bar code reading facility for positive sample identification, real time, test requisition downloading from host should be possible.	SAMPLE LOADING: Minimum of 60 sample positions with 30 priority positions (continuous loading). Bar code reading facility for positive sample identification, real time, test requisition downloading from host should be possible.
3	Page 44	Cooled compartment for Standards and Controls.	Deleted
4	Page 44	SAMPLE CUPS: Primary and secondary tubes along with paediatric cups with 50 µL dead volume	SAMPLE CUPS: Primary and secondary tubes along with paediatric cups with 100µL dead volume
5	Page 44	REAGENT DISK: Facility of using 3 reagent System – R1, R2, R3 is a must and any position should be assigned with R1, R2 and R3 The instrument must have at least 30 reagent positions with a facility of using 10, 25 and 50 ml of reagent bottles to minimize the reagents wastage.	Deleted

6	Page 44	LAMP SOURCE: Photometric range should be -0.1 to 3.0 Light source should be Quartz Iodine Lamp 12V – 20 W Optical unit with 8 positions – 340, 405,505,546,578, 620, 660, 700 nm	LAMP SOURCE: Photometric range should be 0.1 to 2.5 Light source should be Quartz Iodine 12V – 20 W Optical with 8 positions – 340, 405, 505, 546, 578, 620, 660, 700 nm or Halogen Lamp 12V - 20W optical should have Grating.
7	Page 44	UPS: Vendor should provide compatible online UPS for backup of min 3 hrs for both analyzer & RO plant. UPS (including batteries & other consumables) to be supplied and maintained by the vendor for 10 years	UPS for backup of min 3 hrs for analyzer (including batteries & other consumables) to be supplied and maintained by the vendor during warranty & CMC period

Item no. 03 (RFx/Event no. 3000003922)

Immunoassay

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Para 3; Page 45	Two point calibrations for all parameters.	Three point calibrations for all parameters
2	Para 9; Page 45	Assay time should be between 10 – 20 minutes	Assay time should be within 50 minute
3	Para 10; Page 45	System having two point calibration for all test parameters.	System having three point calibration for all test parameters

Item no. 04 (RFx/Event no. 3000003924)

Fully automatic five part Haematology analyzer

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 45 Technical Specification Para 1)	Built-in thermal printer	Built-in thermal / External printer

2	Page 46	Throughput should be > 60 samples per second.	Throughput should be minimum 60 samples per second
3	Page 46	Should have integrated thermal printer	Deleted

Item no. 05 (RFx/Event no. 3000003925)

Coagulation analyzer

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 46 Operational Requirements	Should be provided with internal integrated thermal printer and PC connectivity Bench top model with Random access	Should be provided with External / Internal printer and PC connectivity Bench top model with Random access
2	Page 46	Based on centrifugal technology can perform 150 tests of pt and 110 tests of aptt in an hour.	Based on centrifugal technology can perform 140 tests of PT and 100 tests of aPTT in an hour
3	Page 46	It should support a wide range of parameters like PT, APTT, Fibrinogen, Extrinsic & Intrinsic Factors, Protein S Ac, Protein C, ProC Global, LA 1, LA 2, Antithrombin III, Heparin, Alpha 2 Antiplasmin, CI Inhibitor, Plasminogen Activator Inhibitor, Fibrin Monomer , D-Dimer Plus, von Williebrand Antigen.	It should support a wide range of parameters like PT, APTT, Fibrinogen, Extrinsic & Intrinsic Factors, Protein S Ac, Protein C, ProC Global, LA 1, LA 2, Antithrombin III, Heparin, Alpha 2 Antiplasmin, CI Inhibitor, Plasminogen Activator Inhibitor, D-Dimer Plus, von Williebrand Antigen.

Item no. 06 (RFx/Event no. 3000003926)

Electrolyte Analyser

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 47	Display should be touch screen type	Should have LCD display

Item no. 08 (RFx/Event no. 3000003928)**Blood Culture Medium**

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 48; Standards and Safety	Five years warranty, five years comprehensive AMC should be available with service centres in close proximity.	Deleted

Item no. 11 (RFx/Event no. 3000003932)**Urine strip Analyser**

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 50; Para 07	CCD colour image sensor should be there	Deleted
2	Page 50; Para 08	The system must have US FDA certification	Equipment should be US FDA or European CE approved

Item no. 13 (RFx/Event no. 3000003933)**Uroflowmetry**

Sl. No	Reference to the bidding document	Existing Specification/ Clause of the bidding documents	Amended as
1	Page 51;	The Uroflowmetry sensor should be wired to the main unit. The sensor should also be operable by wireless Bluetooth mode.	The Uroflowmetry sensor should have wire / wireless connectivity to the main unit. The sensor should also be operable by wireless Bluetooth mode
2	Page 51;	The Flow Transducer should be mounted on height adjustable stand having funnel and urine container for flow transducer.	The Flow Transducer should have funnel and urine container for flow transducer.
3	Page 51;	Should have Auto Artifact Detection and deletion	Deleted
4	Page 51;	Accuracy : +/- 10 % of reading, +/- 20 ml.	Accuracy: +/- 15 % of reading, +/-20 ml

SECTION – VIII

QUALIFICATION CRITERIA

Existing:

2. The bidder should have successfully executed at least 02 (two) separate orders, of the similar equipment/goods meeting major parameters of technical specification, in last 05 (five) years from the date of Tender Opening, in any Hospital/Reputed Diagnostic Laboratories in India.

Amended as:

2. The bidder should have successfully executed **order(s) at least for 100% of the tendered quantity** of the similar equipment/ goods meeting major parameters of technical specification, in last 05 (five) years from the date of Tender Opening, in any Hospital/ Reputed Diagnostic Laboratories in India.

All other contents of the Bidding Document including terms & conditions remain unaltered.