

Specification for High-throughput semi-automated Urine chemistry Analyzer

1. The unit should work on reflectance photometer to evaluate the color intensity of each test zone.
2. The unit should have three wavelengths viz 460 nm, 530 nm, 610 nm
3. It should read 12 parameters like Specific gravity, Leukocytes, Nitrite, pH, Protein, Glucose, Ketones, Urobilinogen, Bilirubin, Blood, Microalbumin, Creatinine (automatically calculating ACR)
4. The unit should be a continuous loading system & have through put of around 400 samples/hr
5. The unit should have strip position check system and automatic strip type selection
6. The unit should have concealed waste container for used strips disposal
7. The unit should give results in SI, conventional, arbitrary units and in combination of at least any two units
8. Company should provide two levels (positive and negative) ready to use liquid stable urine controls
9. Company should provide tri- level grey control strips for instrument QC
10. Instrument should be touch screen with resolution of 800 x 480 pixel.
11. The unit should have built in thermal printing capability
12. Instrument should have option to connect to bar code reader via USB port
13. Unit should have total memory capacity for at least 2000 measurements including patient samples & controls with details like data and sample ID
14. The analyser should have facility of not allowing sample processing if QC out of range and also facility for QC test timer.
15. Unit should have external ports RS 232, ethernet and also 2 USB ports for LIS connection.
16. Power Supply: 100-240 V; 50-60 HZ.



CALCUTTA SCHOOL OF TROPICAL MEDICINE

GOVERNMENT OF WEST BENGAL

108 Chittaranjan Avenue, Kolkata - 700073

Phone : 033 2212 3695/96/97 Fax : 033 2212 3698

Website : stmkolkata.org

Memo No. STM/STORE/QUOTE/082/2024-25 QUOTATION NOTICE

Date:03.07.2024

Sealed QUOTATIONS are invited from the Reputed Company/Direct Importers/Authorized distributor firms for supply of items as mentioned below at the Department of Microbiology, **School of Tropical Medicine, Kolkata.**

The QUOTATION is to be submitted in the drop box which will be kept at the office chamber of the undersigned on all working days from 04.07.2024

The last date of submission of QUOTATION is **12.07.2024 up to 12.00 pm** and the same will be opened on the same date in presence of interested bidder, if any. The bidders will submit the QUOTATION in their own official pad along with the following essential documents :

Valid Trade License / Enlistment
PAN card of the Bidder /Bidder Company
GST Registration certificate
IT Return of the last financial year

The financial quotation Should be quoted as per the following table only :-

Item	Unit Price	GST	Total price
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Physical verification of samples and or physical demonstration may be done at the discretion of the hospital authority by a team of expert to adjudge the applicability or suitability of the product or products in the functional requirement of the patients since the items are life savings and the technical evaluation will be done accordingly in close observation of the product or products, technical brochures along with Test certificate produced and physical sampling thereof.

- Quotation Drop box STM Main Building (2nd floor) MSVP Office .Monday to Friday At 11am To 4pm and Saturday at 11am to 2pm except Sundays and holidays.
- This Quotation validate upto three(03) months.
- No hand written document accepted only printed documents submitted.

Sl no	Item name	Quantity
1	96 well clear round bottom Assay plate with lid (Manufacturer:Corning incorporated Corning,NY14831)	20/pack,100/case X3 such

Roy 3/4/2024

Medical Superintendent cum Vice Principal,
School of Tropical Medicine, Kolkata

Prof. Rupali Dey
Medical Superintendsnt Cum Vice Princi
Calcutta School of Tropical Medi
Kolkata, 700073



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Sl no	Item name	Quantity
1	CRYOCHILL tm vial external threaded, self-standing, 1.8ml sterile (free of detectable DNase,RNase and Pyrogen) (Tarson Products ltd)	1000/Case

Rupali Dey
4/7/2024
Medical Superintendent cum Vice Principal,
School of Tropical Medicine, Kolkata

Prof. Rupali Dey
Medical Superintendent Cum Vice Principal
Calcutta School of Tropical Medicine
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Sl no	Item name	Specification
1	High-throughput semi-automated Urine Chemistry Analyzer (per pcs)	Attached with this Quotation

Rm 3/7/2024
Medical Superintendent cum Vice Principal,
School of Tropical Medicine, Kolkata

Prof. Rupati Dey
Medical Superintendent Cum Vice Principal
Calcutta School of Tropical Medicine
Kolkata-700073