

Corrigendum (Revised specifications for fully automated urine analyzer)

A pre-bid meeting was held on 6 March 2024 at the office of Store Officer. The following firms submitted their request for amendments of specifications. The basic purpose was to widen the participation and avoid any company specific parameters.

The firms who submitted their representation were.

1. Transasia Biomedical limited.
2. Suyog Diagnostics Pvt Limited.
3. Siemens Healthcare.
4. Sysmex India Pvt Ltd.
5. Rapid diagnostics group.

Specification No	Technical specification as per tender published	Amendment request
2	Instrument should works on Reflectance Photometric method with 4 discrete wavelengths (505, 530, 620, 660 nm	The analyzer should work on multi wavelength Reflective Photometry Method.
3	The equipment should have minimum throughput of 240 tests / hour as standalone system and 120 tests / hour with sedimentation analyzer.	The equipment should have minimum throughput of 100 tests / hour as standalone system and a minimum of 80 tests / hour with sedimentation analyzer.
5	The equipment should be cost - effective operation without any special liquid reagents, <b>No</b> liquid detergents or calibrators except distilled water for cleaning purpose.	The equipment should be cost - effective operation without any special liquid reagents, <b>minimum</b> liquid detergents or calibrators except distilled water for cleaning purpose.
8	The equipment should detect Chemical parameters like Bilirubin, Urobilinogen, Glucose, Ascorbic Acid, Blood, Ph, Leukocyte, Ketones, Protein, Nitrite.	The equipment should detect Chemical parameters like Bilirubin, Urobilinogen, Glucose, Blood, Ph, Leukocyte, Ketones, Protein, Nitrite.(ascorbic acid optional)
17	The equipment should have internal barcode reader for sample traceability and internal thermal printer.	Printer can be external also accepted.
Sediment specification No. 1	The equipment should be Fully Automated Analyzer to report Urine Sedimentation (Microscopy) reports with Bright field and Phase contrast image evaluation.	The equipment should be Fully Automated Analyzer to report Urine Sedimentation (Microscopy) reports with Bright field and Phase contrast image evaluation or <b>Fluorescence flowcytometry</b>
No.2	The equipment should have minimum 130 samples per hour throughput	The equipment should have minimum 80 samples per hour throughput. Reason- It gives more access to various vendors to participate.
No.3	The equipment should have whole field view of microscopic images of sediments. Samples should be evaluated using true	PI remove this specification as it is extension of just one technology. Reason- It gives more access to various vendors to participate

	microscopy analysis with Bright field and phase contrast.	
No.4	The equipment should be based on Automatic identification of urine particles by the Auto Image Evaluation Module	The equipment should be based on Automatic identification of urine particles by the Auto Image Evaluation Module or <b>Fluorescence flowcytometry</b> .
No.9	The equipment should have individual chamber / cuvette for individual sample analysis.	PI to remove this specification as this is in favor of one manufacturer. Reason- It gives more access to various vendors to participate.
No.10	The equipment should have internal storage of cuvettes.	PI to remove this specification as this is in favor of one manufacturer. Reason- It gives more access to various vendors to participate.
No.14	The equipment should use low sample volume maximum 200µl for each sample.	The equipment should use low sample volume maximum 1-2 ml for each sample.
No.15	The equipment should have a facility for moderate centrifugation process so that to preserves the cells and casts in urine sediment.	This specification is not required as different manufacturers have different technology. Reason- It gives more access to various vendors to participate. Also CLSI recommend to use native sample without centrifugation as this helps to avoid loss and rupture in cells due to centrifugation.