अखिल भारतीयआयुर्विज्ञान संस्थान,गोरखपुर
All India Institute of Medical Sciences, Gorakhpur
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय भारत सरकार द्वारा स्थापित एक स्वायत्त निकाय)
(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

No.: AIIMS/GKP/Admn/2025-26/2781 **Date:** 05.01.2026

Comp: 4582

Subject: Procurement of Fully automated liquid-based cytology equipment from the Deptt of Pathology AIIMS Gorakhpur.

The AIIMS Gorakhpur is going to **Fully automated liquid-based cytology equipment from the Deptt of Pathology AIIMS Gorakhpur Make: Becton Dikinson Model BD Totalys™ Slideprep**.

2. The above-mentioned document is being uploaded for open information to submit their objections comments, if any firm any manufacturer regarding proprietary nature of the equipment/ accessories/ item within 14 days from the date of issue/ uploading of the notification.

3. The comment should be address to office of Administrative Officer, at AIIMS, Gorakhpur on or before 20th Jan. 2026 up to17:00 Hrs.Email:procurementcell@aiimsgorakhpur.edu.in/aoofficeaiimsgkp@gmail.com failing which it will be presumed that there no comments to offer and case will be decided on merits.

S/D
Administrative officer

Becton Dickinson India Pvt. Ltd.
Head Office: 5th & 6th Floor,
Signature Tower B, South City I,
Gurgaon - 122001, Haryana, India
tel: +91-124-3949390
fax : +91-124-2383224/5/6

Regd. Office : 204,Tolstoy House,
15, Tolstoy Marg, New Delhi-110001 INDIA
CIN: U74899DL1995PTC064117
www.bd.com/india

BD

Proprietary Certificate

To whomsoever it may concern

We hereby declare that the below listed products are a registered trademark of Becton, Dickinson and Company. All trademarks mentioned below are proprietary items under international intellectual property rights.

Sr. No.	Catalogue	Description	Intended Use
1	491346	BD Totalys™SlidePrep	The BD Totalys™ SlidePrep is an automated liquid-based thin layer cell preparation system which produces BD SurePath™ Liquid based Pap Test slides intended as replacements for conventional gynecologic Pap smears. BD SurePath™ Liquid-based Pap Test slides are intended for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting CervicalN aginal Cytologic Diagnoses.

Becton, Dickinson and Company as on date exclusively manufactures the above-mentioned products. We confirm that Becton Dickinson India Private Limited (BD India) is our 100% subsidiary in India and is authorized to market this product as a proprietary item and provide necessary services in terms of product knowledge and training.

For Becton & Dickinson Company
Sincerely,

Sudhakar Mairpady
Director RA & GA

Date: 17-09-25

Technical specifications for Liquid Based Cytology (LBC) System

1. Automated liquid-based cytology slide processor.
2. The fully automated slide processing system must be a single integrated unit with minimal manual steps.
3. The processor must use filtration membrane technology or cell enrichment technology.
4. The collection method and processing method must be designed to prevent any cell loss and contamination from samples, ensuring maximum cell yield.
5. Processor should be US-FDA approved and have a proven track record.
6. The system must minimize manual intervention, ideally involving zero or very few manual steps to optimize laboratory workflow and reduce labor intensity.
7. If centrifugation is part of the slide preparation process, it should be an integral feature of the processor, eliminating the need for separate manual centrifugation, thus saving time and reducing the labor burden on staff.
8. Same automated processor should be able to process both gynecological as well as non-gynecological cytological samples (Urine, Mucoid, Body Fluids and FNA Samples)
9. The processor shall have pre-loaded protocols for gynecological and non-gynecological samples.
10. The preservative solution should be available in a large volume to perform LBC and ancillary testing like HPV, Cell blocks, ICC etc
11. Automated processor should be capable of processing 20-30 fixed slides per hour, ready for staining.
12. The preservation solution must be ethanol or methanol-based .
13. The preservative solution should have a long shelf life after cytology sample collection both for gyn, non-gyn and HPV specimens at room temperature
14. The preservative solution should be US-FDA approved for sample collection across all FDA-approved HPV & CT/NG tests
15. The preservative fluid must be non-carcinogenic
16. US-FDA approved for increased glandular/ adenocarcinoma detection.

24/07/2025

डॉ बृजनंदन गुप्ता / Dr. Brijnandan Gupta
सहायक आचार्य / Assistant Professor
पैथोलॉजी विभाग / Department of Pathology
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ.प्र.) 273008
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

Deepika
24/7/25
डॉ दीपिका / Dr. Deepika
सहायक आचार्य / Assistant Professor
पैथोलॉजी एवं लैब मेडिसिन विभाग / Department of Pathology and Lab Medicine
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ.प्र.) 273008
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

Mithlesh Bhargav
डॉ मिथलेश भार्गव / Dr. Mithlesh Bhargav
सहायक आचार्य / Assistant Professor
पैथोलॉजी विभाग / Department of Pathology
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ.प्र.) 273008
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

17. Processor should ensure automated preservative vial uncapping/capping and less labour intensive.

18. Capacity to create 8-10 non-Gyn slides simultaneously from a single cytology sample, ensuring uniformity and reproducibility.

19. Collected sample can be stored at room temperature for 4 weeks and or 6 months in refrigerator

20. Can run urgent samples at any time by pausing the batch processing.

21. Barcodes on the sample vial should be automatically matched to the label on the slide, reducing the possibility of errors.

22. Processor should reduce unsatisfactory rates, false negatives, improvise sample quality for non-gyn specimens, attach studies to support this.

23. The automated technology should ensure 100% of collected cells are used in slide preparation without blood and mucus.

24. Collection and slide preparation method should prevent cell loss from samples to ensure maximum cells availability for analysis.

25. Processor should be user-friendly and easy to use.

26. Automated Staining to be included as integral part of system to ensure high degree of standardisation.

27. The automated staining system must be capable of processing a minimum of 20 slides per 15 minutes under standard operating conditions.

28. The sample collection system should be capable of use with various methods of specimen collection systems like brushes, spatula and endocervical brushes.

29. Technology should be demonstrated as significantly more effective than the conventional pap smear

30. Increased disease detection rate, specially of high-grade lesions (HSIL). Attach studies to support the statement.

31. The prepared slide should be clear, easy to read and free of obscuring blood, mucus and nondiagnostic debris.

32. Slide should have a large screening area for better interpretation of cells.

33. Processor should be compatible with both manual/automated staining.

डॉ0 बृजनन्दन गुप्ता / Dr. Brijnandan Gupta
सहायक आचार्य / Assistant Professor
विकृति विज्ञान विभाग / Department of Pathology and Lab. Medicine
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर / (यू.पी.) 273008
All India Institute of Medical Science, Gorakhpur (U.P.)

Deepika
डॉ0 दीपिका / Dr. Deepika
सहायक आचार्य / Assistant Professor
विकृति विज्ञान विभाग / Department of Pathology and Lab. Medicine
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ0प्र0) 273008
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

डॉ0 मिथलेश भार्गव / Dr. Mithlesh Bhargava
सहायक आचार्य / Assistant Professor
विकृति विज्ञान विभाग / Department of Pathology
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ0प्र0) 273008
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

34. The LBC processor should have the capability to be integrated with an AI-enabled system for scanning and imaging slides if needed in future.

35. Comprehensive training for medical and paramedical staff to their satisfaction

36. L1 calculation criteria will be based on the combined cost of the complete equipment with CMC cost and reagent cost up to 10 years. The reagent cost per annum on a workload of 8000 gynae per annum and 2000 non gynae per annum is to be quoted. Provide quote for 10 years. L1= Instrument cost+ CMC+CPT of media (8000 Gynae+2000 Non Gynae/Annum) *10 Years.

37. The equipment supplied must carry a comprehensive onsite warranty for a period of five (05) years from the date of successful installation. The supplier must ensure uninterrupted service support during the entire warranty period through authorized service personnel.

38. Same quoted automated LBC processor to be installed at minimum of 01 government hospitals in the country and performance satisfaction letter to be submitted during the technical bid.

39. To facilitate training and initial testing, the supplier shall provide a minimum of 200 (one hundred) complimentary reagent kits, as applicable to the equipment.

डॉ0 दीपिका / Dr. Deepika
सहायक आचार्य / Assistant Professor
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

डॉ0 मिथलेश भार्गव / Dr. Mithlesh Bhargav
सहायक आचार्य / Assistant Prof
All India Institute of Medical Sciences, Gorakhpur (U.P.)

डॉ0 बृजनंदन गुप्ता / Dr. Brijnandan Gupta
सहायक आचार्य / Assistant Professor
Department of Pathology and Lab Medicine
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर / (यूपी) 273008
All India Institute of Medical Science, Gorakhpur (U.P.) 273008