



अखिल भारतीय आयुर्विज्ञान संस्थान, नागपुर

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR

Address: Plot No. 02, Sector-20, MIHAN, Nagpur- 441108

Email: - procurement@aiimsnagpur.edu.in

Ph.No.0710-3295590

No AIIMS/NGP/PROC/Cent.Store/24-25/42/Com.Obj/4518

Date: 22/02/2025

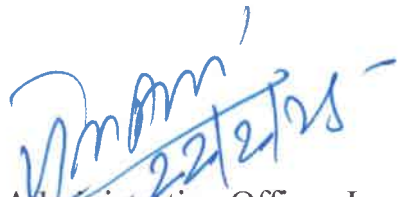
Invitations for Comments / Objections

Subject: Proposal for Purchase of NVBS HPLC analyzer to perform newborn screening for hemoglobinopathy at dried blood spot for Department of Pathology at AIIMS Nagpur –Inviting Comments/ Objection thereon.

The Institute is in the process of purchasing **VNBS HPLC analyzer to perform newborn screening for hemoglobinopathy at dried blood spot** for Department of Pathology at AIIMS, Nagpur from **M/s Biosys, Nagpur** who is the authorized distributor of **M/s Bio-Rad Laboratories, California, USA (OEM)**. The proprietary certificate and Authorization form submitted is attached & uploaded on website.

The above documents are being uploaded for open information to submit objection / comments, if any from other manufacturer regarding proprietary nature of the above said system and accessories/consumables within **15 days** from the date of issue/uploading of the notification. The comments should be sent to **Central Procurement Cell, Plot No. 02, Sector-20, MIHAN, AIIMS Nagpur-441108** or through Email to procurement@aiimsnagpur.edu.in on or before **10/3/2025** up to 5:00 PM, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.




Administrative Officer-I
AIIMS Nagpur

Enclosure: Related documents enclose

रोहन एल. बागडे / Rohan L. Bagde
आमंत्रित अधिकारी / Administrative Officer-
अ.सा.आ.सं. नागपुर / AIIMS, Nagpur

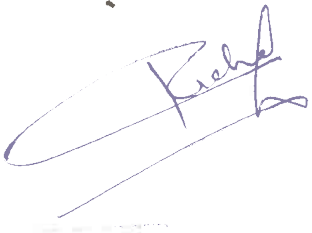
Specifications for HPLC system for Screening of Newborns for Hemoglobinopathies

1. Automated, closed HPLC based system for screening of Hb F, HbA, HbS, HbD, HbE and HbC and some alpha thalassemia conditions such as HbH/Barts in neonates.
2. The system should be able to accept samples of neonatal blood collected by heel prick method on filterpaper or dried blood spots.
3. The system should have dual piston pumps with a maximum pressure of 4000 psi & a precision of +1%.
4. The system should have a Barcode reader for easy sample identification and bi-directional LIS facility.
5. The system should have dedicated computer and software for operating the system.
6. The software should have customized reporting format (auto interpretation), giving information on the subtype of hemoglobins detected. The software should interpret the results and should be able to give a pattern of normal or abnormal hemoglobin along with the information on the type of Hb.
7. The software provided should allow for real time viewing of the analysis of the sample.
8. The system with the aid of software should be able to print customized reports.
9. The system should be capable of testing greater than 250 samples in a day with a loading capacity of more than 250 samples at a time.
10. The sample testing time should be not more than 3 minutes to enable high throughput screening.
11. The system should have been used in at least 5 newborn sickle cell screening programs in India and should have more than 5 installations in India along with 2 to 3 publications from India.
12. The company should have an installation base in India and should be able to provide the relevant product and service support in India.
13. Complete ready to use reagent kit for at least 1000 tests should be provided with buffers in plastic tank to view the levels of buffers, Columns, primers and internal controls.
14. One punching kit for DBS collection should be provided.
15. The system should have alarms, for overflow of waste tank, as well as built in alarms for calibration and equipment failures. The HPLC system should have an inbuilt system check facility which checks that all the system parameters (eg, cartridge, buffer, reagent, waste etc.) are ready before the sample analysis.
16. The reagent containers should have a capacity of more than 2 liters so that the user does not need to change buffers regularly.
17. **The system should be US FDA approved for the newborn screening of hemoglobinopathies and for performing test on Dried Blood Spots as well as CE approved.**
18. The software should enable result storage of minimum 7000 chromatograms.
19. The system should have online chromatogram library which can help in understanding rare cases.
20. Warranty of 3 years should be provided and CMC charges for next 5 years to be fixed.
21. Price for Consumables, reagents and internal quality control material required for dried blood sample collection, perform and report DBS Hb HPLC on the analyzer should be quoted in tender and price



should be fixed for next five years.

22. One punching kit for DBS collection and set consumables of first 1000 test, one kit of A2/ F control should be provided with machine.
23. UPS 2KV for system should be provided.
24. Equipment will be accepted if found satisfactory on installation at AIIMS Nagpur.
25. Continuous support with training of doctors and technicians on analyser will be provided by company free of cost.
26. Satisfactory performance certificate from other INI to be attached.



Dr. Richa Junnarkar
M.D., D.M. Hematology
Associate Professor Pathology / सह. प्राध्यापक
AIIMS, Nagpur / एम्स, नागपूर



Dr. Rasika Gadgil
Professor Pathology
AIIMS, Nagpur



Dr. Jyoti E. Joshi
MSS, MD, DNB / Reg. No. 2006 / 5 / 240
क एवं विभागाध्यक्ष / Professor and Head
जैव रसायन विज्ञान विभाग / Dept. of Biochem
एम्स, नागपूर / AIIMS, Nagpur

BIO-RAD

Bio-Rad
Laboratories, Inc.

Clinical Diagnostics Group
4000 Alfred Nobel Dr.
Hercules, CA 94547 - 1803
Telephone 510 724 7000

PROPRIETARY CERTIFICATE

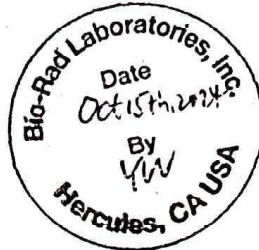
This is to certify that the VARIANTnbs Newborn Testing System (Catalog number: 250-3010) is a product of Bio-Rad Laboratories, Inc., 4000 Alfred Noble Drive, Hercules, California 94547 USA. The system and integral spare parts are manufactured for Bio-Rad Laboratories, Inc., by the contract manufacturer, OEM SYSTEMS Co. Ltd, located at 84 MEKAWA MAKISHIMA-CHO, UJI-SHI, Kyoto Japan 6110041. Bio-Rad Laboratories, Inc., is the sole legal manufacturer and distributor for this product worldwide. Only Bio-Rad proprietary reagent kit VARIANTnbs Sickle Cell Reorder Pack (Catalog number: 250-3000) and required consumables must be used in conjunction with the VARIANTnbs Newborn Testing System(Catalog number: 250-3010).

Bio-Rad Laboratories India Pvt. Ltd is a direct subsidiary of Bio-Rad Laboratories, Inc., and is the sole entity responsible for importing, promoting and marketing the VARIANTnbs Newborn Testing System (Catalog number: 250-3010), VARIANTnbs Sickle Cell Reorder Pack (Catalog number: 250-3000) and its associate spare parts, reagent kits and consumables in India.

This declaration is valid for use until December 31st,2027

Authorized Signatory: *Jackie Buckley*
Jackie Buckley
Title: Regulatory Affairs Manager
Bio-Rad Laboratories, Inc.

Date: 15 Oct 2024





Bio-Rad
Laboratories (India) Private Limited
(A wholly owned subsidiary)

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GST No. : 06AAACB3202A1ZR
CIN No.: U32109HR1996PTC107956

Ref. no.: BRI/CDG/AIIMSR/KAM/2024/465
September 16, 2024

To

The Director
All India Institute of Medical Sciences,
Nagpur, Plot No. 2, Sector - 20, MIHAN,
Nagpur, Maharashtra, Pin: 441108

Subject: Authorization to supply Bio-Rad's products.

Dear Sir,

We, Bio-Rad Laboratories (India) Private Limited, having its registered office and corporate office at 9th Floor, Tower A, EMAAR Digital Greens, Sector 61, Golf Course Extension, Gurugram – 122 102, Haryana, are a subsidiary of Bio-Rad Laboratories, Inc., having its office at 1000, Alfred Nobel Drive, Hercules, California 94547, United States of America. Our parent company is a proven and reputable manufacturer of diagnostics instruments and reagents having manufacturing facilities at United States of America, France and Switzerland.

We hereby authorize M/s BIOSYS., having its office at Plot No 73, Unit No 04-05, Shubhashish Square, Shradhdhanand Peth Nagpur-440010, to quote, supply and raise invoice for our diagnostics product range to your esteemed institute.

We assure you that in the event we replace our dealer/authorized distributor, we will continue to provide all the product(s) and service(s) as assured in the above-mentioned tender document and are also as required by the Principal, as the case may be, through our new dealer/authorized distributor or directly, as may be required.

This authorization is valid till 15th September 2028.

Thanking you and assuring our best services always.

Your faithfully,

For Bio-Rad Laboratories (India) Private Limited

BIMAL BHAVANI
Digitally signed by BIMAL
BHAVANI KRISHNA
Date: 2024.10.24 14:13:07
+05'30'

Bimal B.K.
Head – Clinical Diagnostics Group



For Bio-Rad Laboratories (India) Private Limited

ROHAN
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ROHAN JHUSIWALA
Date: 2024.10.24 17:35:17
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Rohan Jhusiwala
Legal Counsel – India

Please share payment advice at India_Ar@bio-rad.com.
BIO-RAD is a trademark in India.