



BRIC-National Institute of Immunology
New Delhi-110067, INDIA

Notification for Inviting proprietary purchase

Dated: 16.12.2024

NII is planning the procurement of the following item through proprietary mode.

Name of the item: Anaerobic Workstation

Make:- Don Whitley

Model:- A-20

Any other firm with item meeting the below mentioned specification may contact to equipment@nii.ac.in latest by 30-12-2024 or send the quotation in two bid system (technical and price separately)

Aslam Ali

Store & Purchase Officer

National Institute of Immunology

New Delhi-110067

011-26703-757

equipment@nii.ac.in

Technical Specifications of Bench Top Anaerobic Work Station – A20

- 1-Bench top Compact Automated Anaerobic workstation with touch screen control of all parameters .
- 2-Manufactured from 10mm acrylic for optical clarity and insulative qualities for maximum strength and durability.
- 3-The workstation required to operate on either one cylinder of conventional anaerobic gas mixture (10% hydrogen, 10% carbon dioxide and 80% nitrogen) or one cylinder of anaerobic gas mixture and a cylinder of nitrogen. The workstation should operate in either mode without any modification.
- 4-System should has audible and visual system indicators and alarms.
- 5-System has Automated gas control system, low gas pressure indication/buzzer in case if the pressure of anaerobic gas mixture fed to the workstation falls below the necessary minimum level.
- 6-The system has temperature controller and set temperature between 5°C above ambient to 45°C for incubation with an accuracy of +/-0.6 deg.C.
- 7-System has automatic gas control within the chamber.
- 8-System should has internal spotlight for even the smallest colonies to be examined
- 9-Internal power socket for the use of small laboratory instruments inside the chamber
- 10-Automatic sleeve gassing system & Oval shaped porthole for comfortable and maximum access to the inner chamber.
- 11-Maintenance-free dehumidification. Fully automatic de-humidity control system for no requirement of any user maintenance
- 12-System has international standard certifications accreditation like UKAS, ISO/IEC 17025:2005, Ec directive 73/23/EEC and 89/392/EEC
- 13-Refillable sachets of Anotox (essential for maintaining ideal internal conditions and removing volatile fatty acids) and catalyst palladium included
- 14-Incubation capacity approx.270 plates of 90mm
- 15-Provision to transfer approx.20 plates of 90mm at a time in the chamber
- 16- System has real time anaerobic monitoring, catalyst monitoring and data downloading facility.