



भारत सरकार/Government of India
स्वास्थ्य और परिवार कल्याण मंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिल भारतीय आयुर्विज्ञान संस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्र प्रदेश/Mangalagiri, Andhra Pradesh

www.aiimsmangalagiri.edu.in

Ref: AIIMS/MG/MICRO/Non DPR/Automated Liquid Handling System for serial Dilutions /2023-24/07
Date: 07-11-2024

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of “**Automated Liquid Handling System for Serial Dilutions**” for the Department of Clinical Microbiology AIIMS Mangalagiri.

Clinical Microbiology Department, AIIMS Mangalagiri has to procure “**Automated Liquid Handling System for Serial Dilutions**” through Proprietary Article basis.

The proposal submitted by M/s. Eppendorf India Pvt. Ltd are the sole dealer/agents of the sole manufacturer M/s. Eppendorf SE having the factories in Germany, the United Kingdom, the United States of America and people’s Republic of China of this item along with Proprietary Article Certificate are attached & uploaded on Institute website.

The above documents are being uploaded for open information to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 10 days (i.e. 07-11-2024) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in Annexure -I, if any Firm claiming suitability of their product with respect to specification mentioned.

The comments should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before 17-11-2024 up to 05:00 PM from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.


AAO (Procurement)
AIIMS Mangalagiri

PAC CERTIFICATE

P-3 Form

(To be attached with P-2 form for Proprietary items)

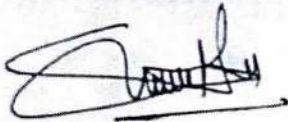
AIIMS, Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the item Automated Liquid Handling System for Serial Dilutions required should be purchased from **EPPENDORF INDIA PRIVATE LIMITED.**

To the best of my knowledge **EPPENDORF INDIA PRIVATE LIMITED** are the sole Dealer/agents of the sole manufacturer for Automated Dissolution and Media Preparation System.

Similar items manufactured by other firm(s) shall not be suitable for our purpose as it is a closed system. The consumables and reagents of same company has to be used to provide appropriate reliable results.



(Signature indenter)

Dr. SUMIT RAI

Date: MD(Gold Medalist), PDCC(Infectious Diseases)

Professor & Head

Designation Department of Clinical Microbiology

All India Institute of Medical Sciences

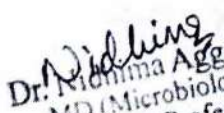
Department Mangalagiri (Andhra Pradesh)


Signature of Head of Department /Section

N.B.: The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.

Automated liquid handling system for serial dilutions

1. Touchscreen interfaced system with capability to perform liquid handling tasks in plate and tube formats. System should be supplied with accessories for performing serial dilutions and should be future upgradable for PCR/qPCR reaction set-up
2. Instrument should be with enclosure for avoiding external dust/particle entering into the reaction setup deck. Instrument should have 4 working deck positions with also virtual park positions for labware
3. Should be an open system for standard labwares.
4. Software with pre-loaded and calibrated lab-ware files for easy execution of all liquid handling tasks.
5. Software must be installed in the dedicated touchscreen controller and ready for use immediately after instrument installation.
6. Should have patented contact-free optical confocal IR based detection and sensing of liquid level and labware for error-free process. Need to submit the patent document.
7. User should have choice to use filter and/or non-filter tips.
8. Should have flexibility to reuse tips, and must have separate container for tip & liquid disposal.
9. Pipetting range of the instrument must be from 200 nL to 1000 μ L with options to upgrade with single- and eight-channel pipetting tools. Instrument should be supplied with 8-channel pipetting tools to cover the volume range of 20 – 1000 μ L
10. It should be possible to place 2 pipetting tools on the deck. Instrument should have the capability to automatically exchange the pipetting tools
11. System should to perform dispensing in pipette and multi-dispense mode.
12. Software should have the option to mix the reagents in the source or destination.
13. Should have free-jet dispensing technology for conventional volumes and should be future upgradable for contact dispensing technology for lowest volumes.
14. Dispensing tools must be autoclavable. Volume and calibration details should be stored in the pipetting tool for future validation & calibrations.
15. Should have compatible adapters/accessories for 0.2 mL PCR tubes to 50 mL tubes; 6 to 96 and 384 well plates for procurement in future to support developing new assay protocols under optional accessories.
16. The software should allow the user to check protocol step-wise to ensure error-free execution of protocol as per user definition.
17. System must have integrated controller for ease of programming and operation of the instrument
18. Typical pipetting precision should be < 2% CV at 1 μ L assessed through 3rd party and specifications should conform to ISO standards.
19. Should have USB ports for data and/or protocol transfer.


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Assistant Professor
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Mangalagiri (Andhra Pradesh)


Dr. SUMIT RAI
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Professor & Head
Department of Clinical Microbiology
All India Institute of Medical Sciences
Mangalagiri (Andhra Pradesh)

To
Director
AIIMS Mangalagiri
522503 Andhra Pradesh
India

Hamburg, 9 January 2024

Proprietary Certificate

Dear Sir / Madam,

Eppendorf SE is a proven and reputable manufacturer of laboratory equipment, having factories in Germany, the United Kingdom, the United States of America and People's Republic of China. We acknowledge that Eppendorf Himac Technologies Co., Ltd., who is a proven and reputable manufacturer of certain centrifuges of our product portfolio, having a factory in Japan, is a fully integrated subsidiary of Eppendorf SE.

We acknowledge that the Eppendorf epMotion® 5070 has the following proprietary feature/s:

- Instrument uses Eppendorf patented optical confocal infrared detector for contact-free detection of liquid levels, tools used, labware, tip types, and quantities.
- Instrument supports volume range from 0.2 µL to 1 mL with dispensing tools.
- Dispensing tools are autoclavable.
- Instrument is compatible to accommodate SBS/ANSI plate formats, including 96-well microtiter plates and 96-well PCR plates, and standard labwares.

For the avoidance of doubt, the liability under this declaration is limited to the product itself. We are actually not aware of any product available in the market having an identical combination of the specification mentioned above. Please feel free to check also our specifications on the website or in the manual.

Yours faithfully,
Eppendorf SE

Dr. Andres Jarrin
Head of Market Support Management APA

Kerstin Baumgärtner
Market Support Management APA

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Dr. SUMIT RAI
MD (Gold Medalist), PDCC (Infectious Diseases)
Professor & Head
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Mangalagiri (Andhra Pradesh)

SPECIFICATIONS

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks

