

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29
(RESEARCH SECTION)

Ref. No. 29/Prop/Biochem/PKG/2019-20/RS

Dated: 15.11.2019

Subject: Purchase of Inverted Microscope for the Deptt. of Biochemistry, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from Dr. Pramod Kumar Gautam, Deptt. of Biochemistry, AIIMS to purchase the subject item from **M/s Vision Diagnostic (India) Pvt. Ltd. (Mfg. by M/s Thermo Fisher Scientific, USA)** on proprietary basis. The proposal submitted by **M/s Vision Diagnostic (India) Pvt. Ltd.** and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 29/Prop/Biochem/PKG/2019-20/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **30/11/2019 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Performa Invoice**

SPECIFICATION

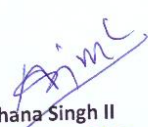
1. A single compact unit including: inverted microscope, digital colour camera and LCD display
2. System should have long shelf life for LED illumination (>50,000 hours).
3. System should include a colour camera built-in to the microscope base
4. System should include a 4-position objective turret.
5. System should accommodate a minimum of 4 objectives at once.
6. System should include four different phase-contrast LWD objectives (4x, 10x, 20x and 40x).
7. System should include a rack and pinion focus mechanism
8. System should include an integrated high-sensitivity colour interline CMOS camera with 3.1 million 3.2 um pixels
9. System should include fixed & universal stage
10. System should accommodate an optional mechanical stage for multiwell plates or other vessels
11. The entire system footprint, including all computer and monitor components does not exceed 21" high x 16" deep x 12.5" wide
12. System should include high-resolution colour LCD display with adjustable tilt
13. System should be easily movable in and out of a cell culture hood or gloves box
14. System should consume less than 20 W/h with all illumination sources turned to the on position
15. System should include two USB output port
16. System should provide direct output to a USB storage device
17. System should be able to generate following output file formats: .jpg, .bmp, .png and .tif


Dr. Pramod Kumar Gautam

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Dr. Riyaz Ahmad Mir



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Dr. Archana Singh II

Associate Professor
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Justification

Sanctioned project work entitled "Development of targeted drug delivery using liposomes/nanoparticles on cancer stem cell using herbal plant extract and hsp70- tumor antigen and to evaluate its anti-tumor function" needs to investigate CSCs, stem cell, macrophages cellular morphology without disturbing cell from the surface of culture tube/ flasks in different time interval (in days). EVOS-XL inverted microscope is compact and easy to use and equipped with camera which is inbuilt in eyepiece with advanced software.



Dr. Prasad Kumar, Ph.D.
सहायक प्राध्यापक
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असारी नगर, नई दिल्ली-110029
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September 24, 2019

PROPRIETARY CERTIFICATE

This is to certify that the product listed below is the proprietary item of M/s. Invitrogen (Thermo Fisher Scientific Group) and the same Product is not been manufactured by any other company.

Sl. No.	Cat No.	Description
1	AMEX1000	EVOS XL CORE, FIXED STAGE EACH
2	AMEP4633	PL ACR 10X LWD PH,0.25NA/6.9WD
3	AMEP4634	PL ACR 20X LWD PH,0.40NA/6.8WD
4	AMEP4635	PL ACR 40X LWD PH,0.65NA/3.1WD
5	AMEPVH009	HOLDER, UNIVERSAL EACH
6	AMEPVH001	HOLDER, SLIDES, TWO 25MMX75MM

For Invitrogen Bioservices India Pvt. Ltd.

Authorized Signatory



TRUE COPY ATTESTED

O.P. SINGH
Advocate
Regd. No-1680
Notary Public
Ghazalabad

Manufacturer reserves the right to change the Part Number without prior notice.

Invitrogen BioServices India Pvt. Ltd.
Web: <http://www.invitrogen.com>

Page 1 of 1

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