

**Dayalbagh Educational Institute
(DEEMED TO BE UNIVERSITY)
Dayalbagh, Agra**

Tender No.DEI/Science/Zoology/AC/2018-19/**TDR-14**

Date: 17.12.2018

Single tender enquiry

Subject: Purchase UV Vis Fluorescence Microplate Spectrophotometer

The request has been received from Coordinator and Teacher concerned, Research Division, Life and Mathematics, Dayalbagh Educational Institute to purchase the items from M/s BioTek India Pvt. Ltd on proprietary basis. The Proposal Submitted by M/s BioTek India Pvt. Ltd. authorized sales and support of BioTek Instruments Inc. 100 Tigan Street, Winooski, VT 05404, U.S.A and quotation and departmental PAC certificate 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 15 Days from the date of issue of this notice giving reference no. Tender No.DEI/Science/Zoology/AC/2018-19/**TDR-14** dated 17-12-2018. The necessary documents may be submitted to us in support of your intent/comments/objections for our consideration. The intent/comments/objections should be received by office of Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra (e-mail: registrar@dei.ac.in) on or before **01-01-2019** up to 05.00 pm failing which it will be presumed that no other vender has any comments to offer, and the case will be decided on the merit.

REGISTRAR



BioTek Instruments, Inc.
100 Tigan Street, Winooski,
VT 05404, U.S.A

Tel: 888-451-0171
Fax: 802-655-7941
Outside the USA: 802-655-4740
E-mail: sales@biotek.com
www.biotek.com

#2610-1819
Winooski, November 27, 2018.

To ,
The Director
Dayalbagh Educational Institute,
Dayalbagh
Agra ,UttarPradesh - 282 005,
INDIA.

Dear Sir,

We are pleased to inform you in response to your interest.

- (i). The Multi Mode Reader Synergy H1M & its Variants along with accessories like Pebrl and cell culture Dishes Reading, Take3 Micro volume plate with BioCell compatibility been the proprietary feature and Manufactured by Biotek Instruments Inc (USA) only.
- (ii) No other make or model provider is acceptable for the following reasons:
HYBRID TECHNOLOGY –Patent Number – **Patent No.: US- 8,218,141 B2**
System is combination of monochromator and filter both. Synergy H1- Can cover wide application and provide high accuracy and future application mention below.
FL Lum, Abs, TRF- Standard 4 chemistry - Upgradable to FP, TRF, FRET, TR-FRET,
Injectors,CO2 control and Automation of 8 plate Incubator compatible in Same Machine .
 - (a) 4-Zone Incubation with Condensation Control.
 - (b) Take3™ Micro-Volume plate can accept a standard 1 cm cuvette and 2 patented *Bio-Cell* is patented under **US Patent 5,963,318** for rapid 1 cm measurements in BioTek SynergyH1M.
 - (c) BioTek Instruments (I) Private Limited is solely authorized for sales and service support .

Thanking you,
BioTek Instruments, Inc.



Kelly Piotrowicz
BioTek Instruments, Inc.
International Sales and Marketing





BioTek Instruments (I) Private Limited
A Wing, 601, Lotus Corporate Park,
Jay Coach, Off W. E. Highway,
Goregaon East, Mumbai – 400 063 INDIA

Tel. :+91 07718810038
Email : biotek@biotek.in
www.biotek.in

To,
The Director
Dayalbagh Educational Institute,
Dayalbagh
Agra, Uttar Pradesh – 282005.

Dated: 12/12/2018
QT No.: 26-MIL-N-10-1819-BTQ
Validity: 60 days

Sub.: Quotation for the supply of Multimode Microplate Reader.

Dear Sir/Madam,

We thank you for your above mentioned enquiry, further to it, please find enclosed our quotation for the same.

BioTek Instruments (I) Private Limited is one of leading supplier of Medical, Analytical, Biotechnology & Diagnostic Laboratory products. MIL's dedicated team of Service and Application support personnel are always at forefront catering to all your needs.

GSTIN: 27AADCB2130Q1ZM
PAN: AADCB2130Q

We represent **BIOTEK INSTRUMENTS, INC., U.S.A.** for their complete range of Microplate Instrumentation. BIOTEK are pioneers & world leader in Microplate ELISA Instrumentation. Product range includes; Automated & Manual ELISA Readers, Microplate / Strip Washers, Microplate Fluorescence Readers & Microplate Scanning Spectrophotometers, Multimode Microplate Reader and Cell Imaging Multimode Microplate Reader etc.

We hope our offer is in accordance with your requirement. If you need any further details / information / clarifications, feel free to contact us.

Looking ahead to be of service,
Thanking you,
for BioTek Instruments (I) Private Limited

Authorized Signatory
Tel.: 07718810038
Email: biotek@biotek.in
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To,
 The Director
 Dayalbagh Educational Institute,
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Dated: 12/12/2018
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 Validity: 60 days

Sub.: Quotation for the supply of Multimode Microplate Reader.

SR. NO	CAT. NO.	DESCRIPTION	Qty	PRICE IN US Dollar
1	HIMF	<p>Synergy H1 Hybrid Multi-Mode Microplate Reader.</p> <p>Features: Patented Hybrid Technology combines flexible monochromator detection with high performance dichroic-based detection. Compatible with Take3™ Multi-Volume Plate: samples down to 2 µL volume can be measured. Especially useful when working with precious samples, for fast and accurate DNA/RNA quantification at 260 nm. Quadruple grating monochromator for maximum flexibility and ease of use. Dichroic-based filter optics, for best performance and advanced detection technologies such as fluorescence polarization and time resolved fluorescence. Comes with Gen5 software: reader control, advanced data analysis and flexible Excel export in one software package. Wavelength Selection: Hybrid Technology™ (patented) Quadruple Monochromators and Filters / Dichroics. Detection method: Monochromator system: Fluorescence, Luminescence, UV-Visible Absorbance. Filter system: Fluorescence, Time-Resolved Fluorescence, Fluorescence Polarization, Luminescence. Upgradable to injector for Flash luminescence & Gas Controller. Read method: End-point, kinetic, spectral scanning, well-area scanning. Microplate types: 1- 6, 12, 24, 48, 96 and 384-well plates, Compatible with Take3 plate with 2 µL microspots (optional). Maximum Plate Height: Absorbance: 0.8" (20.3 mm) Fluorescence & Luminescence: 0.89" (22.6 mm) Temperature control: To 45°C ± 0.5 °C at 37°C Shaking: Yes</p>	01	28,500.00

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	<p>Software: Gen5™ reader control, advanced data analysis, Excel export Control through USB or serial port. BioTek's new Gen5™ software offers a logical interface designed to easily flow from reading parameters, to plate layout, to powerful data reduction, and finally to flexible data output options. The results of this intuitive design, including the exclusive StepWise™ protocol and data reduction tools and the power of Gen5's data reduction, will be evident in increased laboratory efficiency.</p> <p>Automation: Yes</p> <p>Absorbance: Light source: Xenon Flash Lamp. Wavelength selection: Monochromator based Wavelength range: 230 – 999 nm, 1 nm increment. Bandpass: 4 nm (230-285 m), 8 nm (>285 m), Dynamic range: 0 – 4.0 OD, Resolution: 0.0001 OD Pathlength correction: Pathlength correction automatically normalizes well absorbance to standard cuvette equivalent pathlength of 1 cm for direct quantification. (Monochromator in 1nm increments with Pathlength correction.) Monochromator wavelength accuracy: ± 2nm Monochromator wavelength repeatability: ± 0.2nm OD accuracy: < 1% at 2.0 OD typical, < 3% at 3.0 OD typical. OD linearity: < 1% from 0 to 3.0 OD typical OD repeatability: < 0.5% at 2.0 OD typical Stray light: 0.03% at 230 nm typical Reading speed: 96: 11 seconds 384: 22 seconds</p> <p>Fluorescence Intensity: Sensitivity: Monochromators: fluorescein 2.5 pM typical (0.25 fmol/well 384-well plate) Filters/mirrors: fluorescein 1 pM typical (0.1 fmol/well 384-well plate) Light source: Xenon Flash Lamp. Wavelength selection: Double grating monochromators (Top and Bottom) and, Deep blocking bandpass filters / dichroic mirrors (Top). Wavelength range: Monochromators: 250 – 700 nm. Filters: 200 – 700 nm (850 nm option). Dynamic range: 5 decades. Detection system: Two PMT detectors: one for monochromator system, one for filter system. Reading speed: 96: 11 seconds 384: 22 seconds</p>	
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 A Wing, 601, Lotus Corporate Park,
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	<p>Luminescence: Sensitivity: Monochromator system: 20 amol ATP typical (flash) Filter system: 10 amol ATP typical (flash) Wavelength range: 300 – 700 nm Dynamic range: >6 decades.</p> <p>Fluorescence Polarization: Sensitivity: 5 mP at 1 nM fluorescein typical. Wavelength range: 280 – 850nm</p> <p>Time-Resolved Fluorescence: Light source: Xenon Flash Lamp Sensitivity: Europium 100 fM typical with filters (10 amol/well in 384-well plate) Wavelength Range: 200 – 700 nm (850 nm option) Dimensions: 15.4"W 18.6"D 12.9"H (39.1 x 47.2 x 32.8 cm) Onfield upgradable to injector for flash luminescence. Onfield upgradable for gas controller. Weight: 50 lbs (22.5 kg), Power: 130 Watts max Specifications are subject to change</p>		
7302030	Cuvette Adapter (holds 4 cuvettes)	01	
TAKE3	<p>Multi-Volume plate: Microspots: Up to Sixteen 2µL samples can be run at one time for direct nucleic acid and protein quantification. BioCell locations available for quick 1cm pathlength measurements. A standard stoppered cuvette can be measured. Sample Volume: Minimum 2µL in microspot locations Optical Pathlength: 0.5mm, Detection Limit: 2 ng/µL</p>	01	
<p>Net D.D.P. (delivery duty paid) - FOR upto destination against Custom clearance documents via CIP New Delhi IGI Airport in US Dollars</p>			28,500.00

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NOTE: Please provide us Custom Duty Exemption Certificate, DSIR Certificate, GST Certificate, AD Code from your concern bank, E-waybill, authorization certificates & relevant documents for custom clearance. All clearing charges will be bear by BioTek Instruments (I) Private Limited. However CDEC & DSIR will be required with order copy, in case of delay these documents demurrage charges will be extra as applicable.

TERMS AND CONDITIONS

1. Prices quoted are FOR (DDP) upto destination against custom clearance documents in US Dollars.
2. Payment: 30% Advance 70% after installation by Wire Transfer /FDD in favor of our principals;
**BIOTEK INSTRUMENTS, INC.
100 TIGAN STREET, WINOOSKI,
VT 05404, U.S.A.**
3. Banker Details:
**J.P. MORGAN CHASE BANK,
NEW YORK ABA # 021000021.
ACCOUNT NO. 0000 213595
FOR BIOTEK INSTRUMENTS INC.
NEW YORK SWIFT ADDRESS: CHASUS33**
4. Country of Origin: U.S.A.
5. Port of Shipment: USA
6. Order to be placed directly on our principals with copy to us.
7. Estimated Delivery / Available for Shipment: Within 8 – 10 weeks from order acknowledgement.
8. Warranty: 24 months + 12 months (AMC) from the date of delivery/installation.
9. After sales, service support to be provided by our nearest branch office.
10. Installation, training, demonstration free of cost at site.

for BioTek Instruments (I) Private Limited

Authorized Signatory
Tel.: 07718810038
Email: biotek@biotek.in