

Regional Centre for Biotechnology

an institution of education, training & research

(Established by the Dept of Biotechnology, Govt of India under the auspices of UNESCO)
NCR Biotech Science Cluster, 3rd Milestone Faridabad-Gurgaon Expressway, District Faridabad
(Haryana)- 121001 Tele : 0129- 2848813: e-mail: ksingh@rcb.res.in

SUPPLY ORDER

(Stores to be despatched by CARGO MODE only)

No. RCB/EQ/57/18-19/BI (IMP)

06 SEP 2018

M/s.Molecular Devices LLC
3860 North First Street
San Jose, CA 95134
U.S.A.

Through Indian Agent
M/s.Spincotech Pvt. Ltd.
Spincotech Towers, D-41, Sector-11
Noida-201301 (Uttar Pradesh)
Ph.No.0120-4338341/4133153
E-Mail-delhi@spincotech.com

Dear Sir,

Please dispatch immediately by first flight preferably by Air India the following items as per Indian Agent Quotation No. SBPL/NS/MDLLC/170718/18-19 dated 17.07.2018 offer letter No. SBPL/MDLLC/NS/210818/18-19 dated 21.08.2018 against Tender No. RCB/ATN/26/18-19 towards supply of following items, price as mentioned there in to the laboratory of our Institute. We are pleased to place order for supply / installation for purchase of **Multimode Plate Readers with Accessories** as per the details and terms & conditions given below:

Sl No	Part No	Model Description	Qty
1)		SpectraMax iD3 Multi-Mode Microplate Reader Platform (THREE MODES)	
	iD3-STD-SC-ACAD3	SpectraMax iD3 Multi-Mode Microplate Detection Platform. Including 12 months parts and labor warranty and 2 additional year of MD Service Plan covering parts and labor. System Includes: Spectral Absorbance, Fluorescence, and Luminescence detection, On-board Touchscreen for full acquisition, NFC Personalization, SoftMax Pro Software; Integrated Shaking and Temperature Control, Power Cable, LAN Cable, Compatible with 6-, 12-, 24-, 48-, 96-, and 384 well plates. Compatible with SpectraDrop Micro-Volume Microplate. Comes with 1 year MDCare PhD Technical Support Plan.	1No.
		<u>Technical Specification</u> <ul style="list-style-type: none"> • Large Touch Screen (Doesn't require any PC) • SoftMax Pro 7 Software, • Integrated Shaking • Temperature Control upto 65C • Power Cable RS232 Serial Cable Compatible with 6-, 24-, 48-, 96-, & 384-well plates.	
		<u>General specifications</u> Dimensions (in.) 15.79 (H) x 20.94 (W) x 23.54 (D) Dimensions (cm) 40.1 (H) x 53.2 (W) x 59.8 (D) Weight 88.1 lbs. (40 kg) Power requirements 100–240 VAC, 2 A, 50/60 Hz Robotic compatible Yes	
		<u>General performance</u> Plate formats 6 to 384 wells Light source Xenon flash lamp Reading capabilities Microplates, cuvettes (via adapter) Detectors Photo Multiplier Tube and Photodiode Shaking Orbital Temp. control 5°C above ambient to 65°C	

		Temp. uniformity $\pm 1^{\circ}\text{C}$ Temp. accuracy $\pm 1^{\circ}\text{C}$ at 37°C set point Spectral scanning Abs, FI, Lum Endpoint reading Abs, FI, Lum Kinetic reading Abs, FI, Lum Well scanning Over 20 by 20 in all modes Wavelength selection 1.0 nm increments	
		Absorbance photometric performance Wavelength range 230–1000 nm Wavelength bandwidth 4.0 nm Wavelength accuracy ± 2.0 nm Wavelength repeatability ± 1.0 nm Photometric range 0–4.0 OD Photometric resolution 0.001 OD Photometric accuracy $< \pm 0.010$ OD $\pm 1.0\%$, 0–3 OD Photometric precision $< \pm 0.003$ OD $\pm 1.0\%$, 0–3 OD Stray light $< 0.05\%$ @ 230 nm	
		Fluorescence intensity performance Wavelength range 250–850 nm Wavelength selection 1.0 nm increments Dynamic range > 6 logs Optimized Top sensitivity (fluorescein) 96 wells 1 pM 384 wells 1 pM Optimized Bottom sensitivity (fluorescein) 96 wells 2 pM 384 wells 2.5 pM	
		Luminescence performance Wavelength range 300–850 nm Wavelength selection Choice of simultaneous detection of all wavelengths or selection in 1.0 nm increments Dynamic range > 7 decades Cross-talk $< 0.1\%$ in white 96- and $< 0.2\%$ in 384-well microplates Optimized Sensitivity (ATP-Glow) 96 wells 2 pM 384 wells 4 pM	
b)	GF 37 370 01	Option for SpectraMax iD3 Multi-Mode Microplate Reader	1No.
2)		SpectraMax iD5 Multi-Mode Microplate Reader Platform (FIVE MODES)	
a)	iD5-STD-SC-ACAD3	SpectraMax iD5 Multi-Mode Microplate Reader with SoftMax Pro 7 Software SpectraMax iD5 Multi-Mode Microplate Detection Platform. Including 12 months parts and labor warranty and 2 additional years of MD Service Plan covering parts and labor. System Includes: Monochromator-based Spectral Absorbance, and Monochromator-based and filter-based: Fluorescence, Luminescence, Fluorescence Polarization, and Time-Resolved Fluorescence, On-board Touchscreen for standalone acquisition with user access control, NFC Personalization, SoftMax Pro Software (4 perpetual licenses); Integrated Shaking and Temperature Control, Power Cable, LAN Cable, and Standard	1No.

Filter Set including Excitation filters: TRF 350nm, FP polarized filter vertical and horizontal (400nm — 750nm) and Emission filters: TRF 490 nm, TRF 616 nm, FP polarized filter vertical and horizontal (400nm — 750nm). Compatible with 6- to -384 well plates. Compatible with ScanLater Western Blot Membrane Holder, SpectraDrop Micro-Volume Microplate and 22 mm SpectraCuvette Adapter Plate (all sold separately). Comes with 1 year MDCare PhD Technical Support Plan.

Technical Specification

- Large Touch Screen (Doesn't require any PC)
- SoftMax Pro 7 Software,
- Integrated Shaking
- Temperature Control upto 65C
- Power Cable RS232 Serial Cable
- Compatible with 6-, 24-, 48-, 96-, & 384-well plates.

General specifications

Dimensions (in.)	15.79 (H) x 20.94 (W) x 23.54 (D)
Dimensions (cm)	40.1 (H) x 53.2 (W) x 59.8 (D)
Weight	88.1 lbs. (40 kg)
Power requirements	100–240 VAC, 2 A, 50/60 Hz
Robotic compatible	Yes

General performance

Plate formats	6 to 384 wells
Light source	Xenon flash lamp
Reading capabilities	Microplates, cuvettes (via adapter)
Detectors	Photo Multiplier Tube and Photodiode
Shaking	Orbital
Temp. Control	5°C above ambient to 66°C
Temp. Uniformity	± 0.75°C
Temp. Accuracy	±1°C at 37°C set point
Spectral scanning	Abs, FI, Lum, TRF
Endpoint reading	Abs, FI, Lum, TRF, FP, FRET, TR—FRET
Kinetic reading	Abs, FI, Lum, TRF, FP, FRET, TR-FRET
Well scanning	Over 20 by 20
Wavelength selection	1.0 nm increments

Absorbance photometric performance:

Wavelength range	230–1000 nm
Wavelength bandwidth	4.0 nm full width half maximum
Wavelength accuracy	± 2.0 nm across wavelength range
Wavelength repeatability	± 1.0 nm
Photometric range	0–4.0 OD
Photometric resolution	0.001 OD
Photometric accuracy	< ±0.010 OD ±1.0%, 0–3 OD VIS, 0–3 OD UV
Photometric precision	< ±0.003 OD ±1.0%, 0–3 OD VIS, 0–3 OD UV
Stray light	< 0.05% @ 260 nm, 280 nm

Fluorescence intensity performance:

Wavelength range (EX mono)	250–830 nm
Wavelength range (EM mono)	270–850 nm
Wavelength range (Filters)	See accessory list
Wavelength selection (mono)	1.0 nm increments
Dynamic range	> 6 logs

		<p>Optimized top sensitivity (fluorescein)</p> <table> <tr> <td></td> <td>Monochromator</td> <td>Filters</td> </tr> <tr> <td>96 wells</td> <td>1 pM</td> <td>0.3 pM</td> </tr> <tr> <td>384 wells</td> <td>1 pM</td> <td>0.5 pM</td> </tr> </table> <p>Optimized bottom sensitivity (fluorescein)</p> <table> <tr> <td></td> <td>Monochromator</td> <td>Filters</td> </tr> <tr> <td>96 wells</td> <td>2 pM</td> <td>2 pM</td> </tr> <tr> <td>384 wells</td> <td>2.5 pM</td> <td>2.5 pM</td> </tr> </table>		Monochromator	Filters	96 wells	1 pM	0.3 pM	384 wells	1 pM	0.5 pM		Monochromator	Filters	96 wells	2 pM	2 pM	384 wells	2.5 pM	2.5 pM	
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		<p>Luminescence performance:</p> <p>Wavelength range 300–850 nm 300–650 nm for “All Wavelengths” setting</p> <p>Wavelength selection Choice of simultaneous detection of all wavelengths or selection in 1.0 nm increments</p> <p>Dynamic range > 7 decades</p> <p>Cross-talk < 0.1% in white 96- and < 0.2% in 384-well microplates</p> <p>Detection limit 20 amol ATP (“Flash” luminescence using Promega ENLITEN® ATP Assay System)</p>																			
		<p>Time-Resolved Fluorescence performance:</p> <p>Wavelength range (EM mono) 450–750 nm</p> <p>Wavelength range (EX filter) 350 nm</p> <p>Wavelength range (EM filter) 490 nm (Terbium), 616 nm (Europium) For other filters, please see accessory list</p> <p>Linear dynamic range Up to 5 logs</p> <p>Detection limit</p> <table> <tr> <td></td> <td>96 wells (white)</td> <td>384 wells</td> </tr> <tr> <td>(white)</td> <td></td> <td></td> </tr> <tr> <td>Standard TRF</td> <td>30 fM Europium (6 amol/well)</td> <td>30 fM Europium (3 amol/well)</td> </tr> <tr> <td>Enhanced TRF Module Europium (Optional)</td> <td>10 fM Europium (2 amol/well)</td> <td>10 fM (1 amol/well)</td> </tr> </table>		96 wells (white)	384 wells	(white)			Standard TRF	30 fM Europium (6 amol/well)	30 fM Europium (3 amol/well)	Enhanced TRF Module Europium (Optional)	10 fM Europium (2 amol/well)	10 fM (1 amol/well)							
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		<p>Fluorescence polarization performance:</p> <p>Wavelength range (EX mono) 400–750 nm, 1.0 nm increments</p> <p>Wavelength range (EM mono) 400–750 nm, 1.0 nm increments</p> <p>Wavelength range (Filters) See accessory list. Detection limit :</p> <table> <tr> <td></td> <td>Monochromator</td> <td>Filters</td> </tr> <tr> <td>96 wells black</td> <td>2 mP @ 10 nM</td> <td>1 mP @ 1 nM</td> </tr> <tr> <td>384 wells black</td> <td>2 mP @ 10 nM</td> <td>2 mP @ 1 nM</td> </tr> <tr> <td>Measurement range</td> <td>Delta > 200 mP</td> <td>Delta > 320 mP</td> </tr> </table>		Monochromator	Filters	96 wells black	2 mP @ 10 nM	1 mP @ 1 nM	384 wells black	2 mP @ 10 nM	2 mP @ 1 nM	Measurement range	Delta > 200 mP	Delta > 320 mP							
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Measurement range	Delta > 200 mP	Delta > 320 mP																			
b)	GF 37 570 01	SpectraMax iD5 Multi-Mode Microplate Detection Platform, base model	1No.																		
c)	0200-6262	SpectraDrop™ Micro-Volume Starter Kit Contains: SpectraMax adapter Two 24-well sample slides One 4uL sample cover One 2uL sample cover and storage case.	1.No.																		
d)	0200-7204	SpectraCuvette Adapter for iD3 and iD5	2No.																		

**CIP New Delhi Airport US \$ 51,000.00
(US Dollars Fifty One Thousand only)**

Warranty: 5 years from the date of successful installation.

Payment terms: 100% payment by wire transfer after installation and submission of 10% PBG against the order for 63 months (3 months beyond the warranty period).

Post warranty CMC (Including All Spares, Accessories and Labour) to be entered separately for 5 Years as under:

Years (After completion of Warranty period of 5 Years)	Price in INR
6 th Year to 10 th year	INR 20,000.00 per year+GST Extra as applicable

Local Supplies			
SI No	Part No	Description	Qty
1.	XXXX	Branded PC as per tender specification.	2 No.
2.	XXXX	Branded UPS as per tender specification	2 No.
3.	XXXX	2 Pairs of Quartz Cuvette,0.7 ml	2 Pair
4.	XXXX	2 Pairs of Quartz Cuvette,1.0 ml	2 Pair

TOTAL F.O.R our Institute Rs.2,60,472.00 (All Inclusive)

(Rupees Two Lakh Sixty Thousand Four hundred Seventy Two only)

Payment for local supplies should be made in the favour of M/s. Spincotech Pvt.Ltd.

Delivery Period: Within 8 weeks from the date of issue of supply order. However, shipment should be effected only after clear written confirmation from the RCB about the readiness of the site. Shipment is to be made directly to our Institute and copy of invoice and AWB should be sent along with the shipment to Executive Director, Regional Centre for Biotechnology NCR Biotech Science Cluster, Faridabad, District Faridabad (Haryana) 121001

Indicate following instructions on the Air way Bill:-

1. Please inform consignee well in advance 5 days prior to shipment, alongwith all connected documents (Invoice, packing list, Air way Bill etc.) on email ksingh@rcb.res.in and mohan_gandhi@rcb.res.in.

Please Note: The supplier is requested to provide all relevant documents/pre-alert shipping documents, 5 days in advance, before arrival of shipment at port so that our appointed CHA take necessary action well in time, otherwise, the supplier and Indian agent of the firm will be held responsible and all the additional charges imposed upon the Importer as levied by the customs as per their latest Notification No.26/2017-Customs(N.T.) dated 31 March 2017 shall be recovered from the supplier/their Indian agent

2. Please arrange to install the equipment immediately on arrival and submit the installation report to Purchase office. Ensure Bill of Lading details must be informed to us Fax +91-129-2848813 or through email ksingh@rcb.res.in, at least 5 days before arrival of shipment at New Delhi. The Phone no and Fax no: to be mentioned on AWB. Acknowledge the order. Please feel free to contact via email: mohan_gandhi@rcb.res.in in case of query.

3. In addition to the above all terms and conditions as per Tender No RCB/ATN/26/18-19 shall govern and be binding on the supplier

Yours Sincerely,



Sudhir Kumar
(Section Officer)

Note: The supply order is subject to standard terms and conditions of RCB as per Annexure-I

- (a) Supplier Copy
(c) Concern User/Department(3935)

- (b) Inventory Section
(d) Office Copy