

# 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, 3<sup>rd</sup> 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/74/18-19/BI (IMP)

23 Oct 2018

**M/s. Bio-Rad Pacific Limited**

Unit 1101, 11/F,DCH Commercial Centre,  
25 Westlands Road, Quarry Bay  
Hong Kong

**Copy to:-**

**M/s. Bio-Rad Laboratories (India) Pvt Ltd**  
EMAAR Digital Greens, 9<sup>th</sup> Floor, Tower A,  
Sec-61, Golf Course extension ,  
Gurgaon- 122102  
Email: [sales.india@bio-rad.com](mailto:sales.india@bio-rad.com)  
Ph:- 09873177477

Dear Sir,

Please dispatch immediately by first flight preferably by Air India the following items as per your Quotation no. BRI/LSG/N-RC-135/2018-19/RCB dated 17.07.2018, letter no. BRI/LSG/Delhi/RCB/0007/18-19 dated 15.10.2018 and Tender No RCB/ATN/16/18-19 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 of the same as per the details and terms & conditions given below:-

| Catalog # | Description  | Qty | Total Price USD |
|-----------|--|-----|-----------------|
| 12003154  | <b>ChemiDoc MP Imaging System, includes internal computer, 12" touch screen display, camera, Image Lab Touch software, blot/UV/stain-free sample tray, Image Lab desktop software v6</b>   | 2   | \$47,000        |
|           | 2,750 H X 2,200 V pixels, 6.05 megapixels  |     |                 |
|           | 70% QE at 425 nm, max QE 75% at 525 nm, 75-50% QE at 525-800 nm  |     |                 |
|           | Dynamic Range >4 orders of magnitude   |     |                 |
|           | f/0.95 fast lens   |     |                 |
|           | 16-bit data acquisition  |     |                 |
|           | 4.54 x 4.54 µm pixel size  |     |                 |
|           | Low read noise, <6e-   |     |                 |
|           | Low dark current, 0.002 e/p/s at -15C  |     |                 |
|           | Powered by Image Lab™ Touch software   |     |                 |
|           | Illumination Source: Trans-UV, 302 nm (standard)<br>Epi-white (standard)<br>Trans-white (standard)<br>Trans-blue, 450-490 nm (standard)<br>Epi-green, 520-545 nm excitation (standard)<br>Epi-red, 625-650 nm excitation (standard)<br>Epi-far red, 650-675 nm excitation (standard)<br>Epi-near IR, 755-777 nm excitation (standard)  |     |                 |
|           | Filter Holder: Filter position number and applications:1, chemiluminescence2, 518-546 nm filter for blue emitting fluorophores and stains3, 700-730 nm filter for far red emitting fluorophores and stains4, 577-613 nm filter for green emitting fluorophores and stains5, 813-860 nm for near IR emitting fluorophores and stains6, 675-725 nm for red emitting fluorophores and stains7, 590/110 nm standard filter to perform protein and DNA gel and blot imaging |     |                 |

|  |  |  |  |
|--|--|--|--|
|  | <p>Touchscreen Functionality - A 12.1" diagonal Touch screen display with multi-touch capability (4 points) enables users to easily interact with the touchscreen to acquire, assess, and export images. Touchscreen actions include: tap, double tap, pan, scroll, and pinch to zoom.</p>   |  |  |
|  | Three sample trays provide unmatched application versatility   |  |  |
|  | Blot/UV/Stain-free Sample Tray for trans-UV, epi illumination, and multiplex western blot applications (standard)  |  |  |
|  | White for trans-white illumination (optional)  |  |  |
|  | Blue Sample Tray for trans-blue illumination (optional)  |  |  |
|  | <p>Factory calibrated flat fielding ensures uniform data for all applications. Systems are calibrated for image area, focus, and flat field correction at the factory and files stored in the integrated PC.</p>   |  |  |
|  | Automated image capture optimized for each selected gel or blot application  |  |  |
|  | The ChemiDoc imaging system is optimized for imaging Stain-free gels and blots   |  |  |
|  | Software-suggested bin setting based on defined imaging area to achieve publication quality images   |  |  |
|  | Mac and PC compatible software   |  |  |
|  | No requirement for license registration  |  |  |
|  | ImageLab desktop software - 16-bit and 8-bit tiff images with a one-click export option  |  |  |
|  | Multiple input/output ports  |  |  |
|  | Includes Image Lab Desktop Software 6.0 ,Specification:  |  |  |
|  | True Multi Platform file - save on one computer and analyser on another without loss of work   |  |  |
|  | Image Lab is now compatible with Windows 7 (32-bit and 64-bit), Windows 10 (64-bit), and Mac OS 10.11 and 10.12.   |  |  |
|  | <p>Streamlined Lane and Band Editing: Lane and band editing has been streamlined by making lane editing more modeless. Users no longer have to switch between width, move, and bend modes. Users can now select and manipulate more than one lane at a time</p>  |  |  |
|  | <p>Enhanced Normalization: Users can perform total protein normalization or housekeeping protein normalization more quickly and in fewer steps. It is now easier to link images for analysis. Any lane can now be defined as the normalization reference lane. Automated lane finding now detects the normalization channel and uses that lane frame for all the sample channels. Users can now copy lane changes from the normalization channel by pressing a button. A new lane statistics table, including total lane volume, can be exported to present analysis results outside of Image Lab.</p> |  |  |
|  | <p>Lane Profile: Users can automatically identify lanes on a gel or blot image and then automatically detect bands. The Lane Profile tool is useful for fine-tuning the boundaries of bands in a lane and for subtracting background. Without leaving the Lane Profile window, users can now add and delete bands. They can also change and dynamically view changes in background removal using the new rolling disk slider.</p>  |  |  |
|  | Volume Analysis : Quantitate areas quickly.  |  |  |



|          |  |   |          |
|----------|--|---|----------|
|          | Image Rotation : Allows for fine tuning image orientation in degrees and radians.  |   |          |
|          | 3-D Viewer for critical analysis of closely spaced band.   |   |          |
|          | Annotation Tools : Allows users to do prepublication work with one software package.   |   |          |
|          | Filter Wizard : Helps user choose right imaging filter to improve image.   |   |          |
|          | Flexible Array Tools : Provides ability to quantitate medium to high density arrays.   |   |          |
|          | Drives multiple Imaging platforms : Eliminates learning curve for multiple device laboratories.                                  |   |          |
|          | On Screen Context Sensitive Help : Makes software easier to use.   |   |          |
|          | Transform Images : Provide complete tools to quickly visualize even the faintest bands.  |   |          |
|          | Automatic band and Lane detection.   |   |          |
|          | Lane based Analysis : Gets results quickly and allows for overlaying quantitation on top of image,                               |   |          |
|          | lane to lane profile analysis, Guassian analysis   |   |          |
|          | Band Detection : Highly flexible band detection eliminates user to user variability.   |   |          |
|          | Matching : Provides basic fingerprinting abilities.(9 different methods to construct dendogram)                                  |   |          |
|          | Report Data : Provides all the data a user needs.  |   |          |
|          | Export Tiff : Provides compatibility with other software packages.   |   |          |
|          | JPEG file Export   |   |          |
|          | Calculate Molecular Weights : quickly determines Mol. Wt. and displays info with the band.                                       |   |          |
|          | Four different modes of background subtraction:  |   |          |
|          | a) Transformation B) Gradient gel C)Global D)Filter wizard   |   |          |
|          | Contour Analysis, Comet Analysis   |   |          |
|          | Microplate Reading (96, 192 and 354 well)  |   |          |
|          | Quick Guides : Users can do work without worrying about forgetting key steps.  |   |          |
|          | Contour Analysis : Allows for user independent volume calculations.  |   |          |
|          | Application Oriented User Interface : Reduces learning curve to a minimum  |   |          |
|          | GLP/GMP Mode: Helps eliminate user to user variability in calculations.  |   |          |
|          | File History : Saves a record of modifications to image.   |   |          |
| 12003026 | White Sample Tray for ChemiDoc MP/ChemiDoc Imaging Systems, for gels stained with Coomassie Blue, copper, silver, or zinc stains | 2 | Included |
| NPN      | Online UPS (As per tender specification supply locally)  | 2 | Included |
| NPN      | Computer (As per tender specification supply locally)  | 2 | Included |
|          | Packing Forwarding and Handling  |   | \$0      |
|          | Air Freight Charges  |   | \$0      |
|          | Total CIP New Delhi price in USD   |   | \$47,000 |

**CIP NEW DELHI USD. 47,000.00 (All Inclusive)  
(US Dollars Forty Seven 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<br>(After completion of Warranty period of 5 Years) | Price in INR                                   |
|---|--|
| 6 <sup>th</sup> Year to 10 <sup>th</sup> year             | INR 10,000.00 per year+GST Extra as applicable |

**Delivery Period:** Within 4~5 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 Bill of Lading should be sent along with the shipment to Executive Director, Regional Centre for Biotechnology NCR Biotech Science Cluster, Faridabad, District Faridabad (Haryana) 121001

Net CIP payment will be made within 30 days from the date of shipment. Shipment is to be made directly to our Institute and copy of invoice and Air way bill should be sent along with the shipment. **The Custom Officers now clearing the chemical consignments only after verification through ADC Sheets or on N.O.C. from the Drug Controller. So you are requested to provide us above requirements in each case**

Invoice & dispatch to:

**Executive Director,**

Executive Director, Regional Centre for Biotechnology (RCB)NCR Biotech Science Cluster, 3<sup>rd</sup> Milestone  
Faridabad -Gurgaon Expressway District Faridabad 121001 Haryana


Indicate following instruction on the Air way Bill:

1. Please inform consignee immediately, on landing of shipment at New Delhi Airport by Ph: +91-129-2848813, Fax +91-129-2848813 & email ksingh@rcb.res.in and mohan\_gandhi@rcb.res.in. and kindly inform our authorised Custom Clearing Agent M/s Committed Cargo Care Pvt. Ltd ,A-406, Road No 4, Street No. 8 Mahipalpur Extn. New Delhi 110037 Tel,011-46151148, Mob:9654997946 Email:tender@committedcargo.com .

2. Please arrange to install the equipment immediately on arrival and submit the installation report to Purchase office.Ensure Air way Bill 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 Air way Bill. **Acknowledge the order.** Please feel free to contact via email: mohan\_gandhi@rcb.res.in in case of query.

**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

Yours Sincerely,



VMS Gandhi  
(Admin Officer)

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

**Distribution :-**

(a) Supplier Copy

(c) Concern User/Department (3930)

(b) Inventory Section

(d) Office Copy