

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

Ref. No. 30/Prop/NS/PSC/2020-21/RS

Dated: 04.03.2021

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

The request has been received from Prof. P.S. Chandra, Deptt. of Neurosurgery, AIIMS, to purchase the subject item from M/s DSS Imagetech Pvt. Ltd. (Mfg. by M/s Olympus Corporation of Asia Pacific Ltd., Japan and Ludl Electronic Products Ltd.) on proprietary basis. The proposal submitted by M/s DSS Imagetech 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. 30/Prop/NS/PSC/2020-21/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **19/03/2021 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

Technical Specifications for Upgradation of Existing Olympus Microscope Model BX53

- **Motorized Nosepiece:** At least 7-positions revolving motorized nosepiece with a slot for DIC slider or analyser
- **Motorized Fluorescence Turret:** At least 8-positions motorized fluorescence turret with motorized shutter, field stop and aperture stop including ND filter slider and UV protective shield.
- **Hand-switch/push button pad** to control motorized nosepiece and motorized fluorescence turret.
- **Fluorescence filter set** for Cy5 and like fluorophores
- **Motorized XY Stage:** XY Motorized stage with stage adaptor for Olympus BX53 microscope, hard anodized finish, minimum step size of 25 nm, Position Repeatability of at least 2 μ m, specimen holder for 1"x2" and 2"x3" slides. Stage stroke of at least 75 x 50 mm, speed of up to 30 mm/sec
- **Motorized Focus:** Focus drive motor with push button override for manual control, tangle free cable – free from drag & cable fatigue failure with slip ring design. Direct coupling for Olympus BX53 microscope
- **XYZ Controller:** Stackable XYZ controller. Including system power supply, RS232/ USB interface, XY motor driver module, XY digipot joystick
- **Software:** To control all the motorized parts with advance features like multichannel fluorescence, Instruction manual, user experience customization, overlay multiple images, document groups for side by side image comparison, movie playback, Tile image, slice view for orthogonal plane viewing of 3D or time lapse data sets, Voxel viewer for isosurface and volumetric rendering of 3D and 4D data sets, snap/movie acquisition, time-lapse at specific intervals, Automated multi-channel imaging, Z stack, automated 5-dimensional (xyzt & wavelength), Instantly create Extended focal images (EFI), HDR, Geometry/combine/filter processing, Fluorescence unmixing, Brightfield unmixing, Colocalization, post acquisition deblurring, 2D deconvolution, region & line measurements, phase analysis, interactive measurements, Image processing, intensity plot over time/z, movie recording, object counting, offline ratio analysis, automatically compose word report
- Software should be from the same manufacturer as that of the existing microscope


Prof. Dr. P. S. Srinivasan
Dept. of Neurobiology
Neuroscience Center
University of Madras


Dr. P. S. Srinivasan
Neuroscience Center
University of Madras



**Ludl
Electronic
Products Ltd.**

To,
The Director,
All India Institute of Medical Sciences,
Ansari Nagar, New Delhi - 110029
India.

December 29th, 2020

Subject: Proprietary Certificate

Dear Sir,

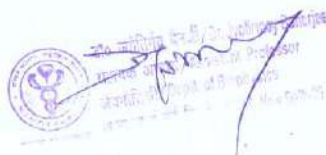
This is to certify that the motorized XY stage and the motorized Z focus drive along with accessories quoted by our authorized distributors M/s DSS Imagetech Pvt Ltd vide their P.I. No.: DSS/DL/HS/20-21/120 dated 24.12.2020 are articles of proprietary nature.

We further certify that all these items are manufactured by us i.e. M/s Ludl Electronic Products in our factory. These are our proprietary products and manufactured by us only. No company other than Ludl Electronic Products is manufacturing and supplying the same items with identical specifications.

Sincerely,

Dirk Ludl
Ludl Electronic Products, Ltd.
171 Brady Ave.
Hawthorne, NY 10532
914-769-6111
914-769-4759 – FAX

**Ludl Electronic Products Ltd.
171 Brady Avenue
Hawthorne, NY 10532
(914)-769-6111**





Olympus Medical Systems India Pvt Ltd

Ground Floor, Tower C, SAS Tower, The Medicity Complex, Sector - 38,
Gurgaon - 122001, Haryana, India
Tel: 0124-4999191 FAX: 0124-4999190
Web site: <http://olympusmedical.co.in/>

Proprietary Article Certificate

To,

Date: 30/12/2020

The 'Director'
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-29,
India.

PROPRIETARY CERTIFICATE

WHEREAS

We Olympus Medical Systems India Private Limited having our registered office at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurgaon - 122001, Haryana is 100% subsidiary of M/s Olympus Corporation of Asia Pacific Ltd, who are established and reputable manufacturers of "Olympus Microscopes with Accessories" having factories at Japan hereby declare that the items quoted by our exclusive Indian distributors M/s DSS Imagetech Pvt Ltd vide their P.I. No.: DSS/DL/HS/20-21/120 dated 24.12.2020 is being manufactured exclusively by us.

We further declare and certify that the items quoted vide the above referred Proforma Invoice are our proprietary products, no company other than Olympus Corporation is manufacturing and supplying the same model with identical specifications. Certified further that no substitute make/model will serve the purpose and also that no other manufacturer can copy or produce these items in part or total.

Olympus Medical Systems India Pvt Ltd.



Brijesh Alva
National Manager - SSBD - BS
Olympus Medical Systems India Pvt. Ltd.
Tower C, SAS Tower, The Medicity Complex
Sector - 38, Gurgaon - 122001
Phone: +91-124-4999191, Fax: +91-124-4999190
Email: brijesh.alva@olympus.com





P.I. No.: DSS/DL/HS/20-21/120

24.12.2020

To,
The Director,
All India Institute of Medical Sciences,
Ansari Nagar, New Delhi -110029
India.

Quote for Upgradation of Existing Olympus BX53 Microscope

Basic Description	Product Name	Description	Qty	Price in INR
Motorised Nosepiece				
Motorised 7-position DIC nosepiece	U-D7REA	Motorized 7 position revolving nosepiece with connecting cable and a slot for analyzer or DIC slider, including spacer for specimen holder AC6533 Corresponded to RoHS and WEEE regulations	1	
Interface Cable	U-IFCBL200	Interface cable for CAN communication, 2000mm length Corresponded to RoHS and WEEE regulations	1	
Control Unit for motorised parts	BX3-CBM	Control unit for BX3 motorized units, including AC adapter DP1525, connecting cable DW8989, shield sheet JA6685, binding bands AC9258 (3 pcs) and cable clamps DO2486 (4 pcs) Corresponded to RoHS and WEEE regulations	1	
Hand Switch for motorised parts	U-HSCBM	Key pad with connecting cable Corresponded to RoHS and WEEE regulations	1	
Motorised Fluorescence Turret				
* Motorised 8-positions fluorescence turret	BX3-RFAA	Motorized reflected light fluorescence illuminator equipped with motorized shutter, field stop, aperture stop and motorized 8-position mirror unit turret, including ND filter slider AW2176, UV protective shield JA5311, shield plate JA5290, allen wrench AD6162, indication plate JA5820, and shield cap AC0792 (4 pcs) Corresponded to RoHS and WEEE regulations	1	
Interface Cable	U-IFCBL200	Interface cable for CAN communication, 2000mm length Corresponded to RoHS and WEEE regulations	1	

DSS IMAGETECH PVT. LTD.

A-5, Mohan Co-Operative Indl. Estate, Mathura Road, New Delhi - 110 044

Phone: +91-11-30886715/17/35/45 Fax: +91-11-26959382 Website: www.dssimage.com



सहायक आयुक्त / Assistant Professor
शैक्षणिक विभाग / Educational Department
आर्य समाज / Arya Samaj

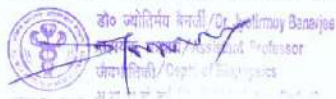


Cy5 Fluorescence Filter Set				
Cy5	Cy5 Filter Set	EX : 611-649 nm; DM : 655 nm; EM : 672-716 nm	1	
Motorized Stage				
Motorised XY Stage	96S201	BioPoint2 stage for upright microscopes. Includes XY stage, specimen holder for 1"x2" and 2"x3" slides, connection cable and microscope specific mounting ring. Stage stroke of 75 X 50 mm and <i>step size of 25nm</i> .	1	
Adaptor	99A203	Stage Adapter	1	
Motorized Z Focus Drive				
Motorised Z focus	96A404	Motorised Z focus drive	1	
Driver	73006056	FOCUS MOTOR STEPPER DRIVE MAC6000 WITH ENCODER INPUT	1	
Controller for Motorised Stage & Motorised Z focus drive	996054	MAC 6000 BioPoint stage & Z focus drive controller. Includes system power supply, RS232/USB interface	1	
Olympus cellSens Dimension Software to control motorised parts				
cellSens Dimension	CS-DI-V3	cellSens Dimension Software for image capturing, motorization control, multichannel fluorescence, Instruction manual, user experience customization, overlay multiple images, document groups for side by side image comparison, movie playback, Tile image, slice view for orthogonal plane viewing of 3D or time lapse data sets, Voxel viewer for isosurface and volumetric rendering of 3D and 4D data sets, snap /movie acquisition, time-lapse at specific intervals, Automated multi-channel imaging , Z stack, automated 5-dimensional (xyzt & wavelength) , Automated Multiple image alignment (MIA), Instantly create Extended focal images (EFI), HDR, Geometry/combine/filter processing, Fluorescence unmixing , Brightfield unmixing, Colocalization , post acquisition deblurring, 2D deconvolution, region & line measurements, phase analysis, interactive measurements, Image processing, intensity plot over time/z, movie recording, object counting, offline ratio analysis, automatically compose word report.	1	

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डॉ० ज्योतिष बनर्जी / Dr. Jyoti Banerjee

अधीक्षक प्राध्यापक / Assistant Professor

जैव विज्ञान / Dept. of Biotechnology

एन. डी. ओ. ई. / N.D.O.E.I.



DVD	CS-DVD-V3.1	cellSens DVD V1 Installation Disc DVD, Install Manual	1	
Discounted Price in Indian Rupees				₹ 19,50,000.00
** Add GST @ 5%				₹ 97,500.00
Net F.O.R. Destination Price in Indian Rupees				₹ 20,47,500.00

**** GST @ 5% is applicable only when AIIMS provides us the relevant concessional GST certificate under Notification No. 47/2017 and 45/2017 dated 14 November 2017 which allows it to avail concessional rate of tax @ 5%. It is to be noted that we need this certificate along with the supply/purchase order. If the above certificate is not provided then GST on actual i.e. 18% will be charged instead of quoted 5%.**

TERMS & CONDITIONS

PRICE	F.O.R. Destination in Indian Rupees
BILLING ADDRESS	DSS Imagetech Pvt. Ltd. A-5, Mohan Co-operative Industrial Estate, Mathura Road New Delhi - 110044
GST	** 5 % is extra and included in the price above subject to issue of valid concessional GST certificate as mentioned above
PAYMENT	As per the institute's norms
DELIVERY	Within 12 to 14 weeks after receipt of your confirmed order along with other relevant documents
INSTALLATION	Free at your site
VALIDITY	60 days from the date of issue of this quote
WARRANTY	One year against any manufacturing defects from the principals + 4 yrs additional warranty by DSS Imagetech Pvt Ltd (Standard OEM warranty on local items)
POST WARRANTY CMC	Will be charged @ 5% of the total F.O.R Value per annum for the next 5 years after the expiry of warranty period. Tax extra as applicable. This price will be valid only if the CMC is taken before the expiry of warranty period.

DSS IMAGETECH PVT. LTD.

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सहायक आचार्य/Assistant Professor

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI - 110 029**

RESEARCH SECTION

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item/Type/Model No. required along with specification	Upgradation of Existing Olympus BX53 Microscope
2. Is the item a spare part attachment or accessory for an existing equipment	No
3. Name of the manufacturers/supplier of the item proposed by the Indentor	DSS IMAGETECH PVT LTD
4. Are the sole manufacturers/sole distributors of the item	Sole Manufacturer.
5. Is there any other item with similar/equipment specification available in the market to meet the job requirement envisaged. Of the answer is yes, why the same can't be procured. Demanding	No.
6. What were the efforts made to locate alternative source of supply or use other substitutes	Internet search and vendor enquiries.
7. Why open/limited tender can't be resorted to, for locating alternative source.	Only this vendor fulfils our research requirement.
8. Are the proprietary items certifying that the rates are reasonable or not	Rates are reasonable.
9. Any other justification for procuring item for single source.	Only this make and model fulfils our research requirement.


**Signature of Indentor
(Demanding Officer)**
 Dr. P. Sarat Chandra
 Professor (PI COE)
 Dept. of Neurosurgery
 All India Institute of Medical Sciences, New Delhi-110 029

I certified that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/the specified brand proposed was advantages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.



 Assistant Professor
 Dept. of Physiology
 All India Institute of Medical Sciences, New Delhi-110 029