



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

www.aiimsbhubaneswar.edu.in (Tender) and www.eprocure.gov.in (CPPP)

Reference No: **J-11018(027)/2020-21/S&P**

Dated: **19 /08/2020**

Sub: Procurement of Motorised Microscope for Karyotyping and Fish Application for the Department of Anatomy at AIIMS, BBSR on Proprietary basis - Inviting Comments thereon.

The Department of Anatomy of AIIMS, Bhubaneswar has projected for Procurement of Motorised Microscope for Karyotyping and Fish Application consisting of (A) Motorised Microscope, Make-Olympus, Model- BX 63 from Olympus Corporation, Japan and (B) Soft ware for automatic Karyotyping & Fish application from Applied Spectral Imaging Ltd, Israel through both of their Authorized Indian Representative and distributor DSS Imagetech Pvt. Ltd., New Delhi (Branch Office-Kolkata).

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments if any, on proprietorship of the item. In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to spo@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 03-09-2020** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The Ref. No. – **J-11018(027)/2020-21/S&P** dt: 19-08-2020, due on dated: 03-09-2020 should be superscripted on sealed envelope.

Sr. Procurement-cum-Stores Officer

Enclosure:

(A) DOCUMENTS FOR MOTORISED MICROSCOPE

1. Proprietary Article Certificate from Indenting Officer of Department of Anatomy, AIIMS, Bhubaneswar. **Annexure-I**
2. PAC of Olympus Corporation, Japan. **Annexure-II**
3. Authorization Letter for Distributor. **Annexure-III**
4. Specification. **Annexure- IV**
5. Letter for Software Compatibility. **Annexure- V**
6. Price Quotation of DSS Imagetech Pvt. Ltd., Kolkata. **Annexure-VI**

(B) DOCUMENTS FOR SOFTWARE

7. Proprietary Article Certificate from Indenting Officer of Department of Anatomy, AIIMS, Bhubaneswar. **Annexure-VII**



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

8. PAC of Applied Spectral Imaging Ltd, Israel. Annexure-VIII
9. Manufacturing Certificate. Annexure-IX
10. Authorization Letter. Annexure-X
11. Specification. Annexure- IV
12. Letter for Software Compatibility. Annexure- XI
13. Price Quotation of DSS Imagetech Pvt. Ltd., Kolkata. Annexure-VI

Copy to:

- | | | |
|---|---|-------------------------------|
| 4. Indenting Officer, Department of Anatomy | : | for information please |
| 5. Accounts Officer | : | for information please |
| 6. IT Cell | : | for holisting in the website. |

3rd hr

Sr. Procurement-cum-Stores Officer

Proprietary Article Certificate
Valid for the Current Financial Year

File No. and Date Reference :		Motorised microscope make - Olympus, model - BX 63	
1	Description of article		
2	Forecast of quantity /annual requirement	01	
3	Approximate estimated value for above quantity	40 lakh	
4	Maker's name and address	Olympus Corporation Tokyo-163-0814, Japan	
5	Name(s) of authorized dealers/ stockists	M/s DSS Image Tech Pvt. Ltd. Mathura Road, New Delhi-110044	
6	I approve the above purchase on PAC basis and certify that :- Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	☒	
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR	☒	
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.) : OR		
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	☒	
7	Reference of concurrence of finance wing to the proposal :		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported If Any

Signature of Approving Authority.....

Date..... Designation of Officer.....

Dr. M.R. Gaikwad
HOD, Anatomy
Additional Professor & Head
Department of Anatomy
AIIMS, Bhubaneswar

Signature of the Tendering Officer
Dr. Sanjiv Sahoo
Assistant Professor
Department of Anatomy
AIIMS, Bhubaneswar

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2-3 Katsuragi-cho, Higashi-ku, Tokyo 180-8512, Japan

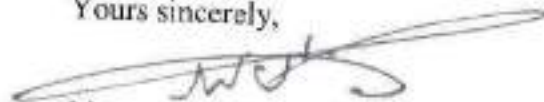
Department of Anatomy
AinS, Bhubaneswar

ASI's invest in innovative-patented technology and maintain an extensive portfolio of patents protecting its technology, including in regards to the image analysis technology, which forms the basis of the capabilities offered by our systems.

In addition, in the event that a replacement or repair of the System parts is required, such parts can only be provided by ASI, and ASI cannot support its systems if any unauthorized parts have been installed in it.

Moreover, ASI is the only corporation with the unique technical competence, expertise, and experience in providing ongoing and superior support to its advanced Systems. The services are obtained directly from ASI and no other party is authorized to render similar services.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Limor Shiposh', is written over a horizontal line.

Limor Shiposh

Chief Executive Officer

OLYMPUS

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OLYMPUS CORPORATION

Headquarters
Shoyaku Bldg. 3F, 1-3-1 Nishi-Shinjuku, 2-chome, Shinjuku-ku,
Tokyo 163-0294, Japan
Technology Research Institutes
293-1 Ishikawa-cho, Hachioji-shi, Tokyo 187-0501, Japan
2-3 Kaseyama-cho, Hachioji-shi, Tokyo 187-0513, Japan

March 19, 2020

Certificate of Distributor

To whom it may concern

This is to certify that **M/s DSS Imagetech Pvt Ltd**, having its principal place of business with registered office at **A-5, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044** is sole distributor in India for biological range of microscopes and its accessories manufactured and supplied by **Olympus Corporation, Tokyo, Japan**. The scope of the distributorship encompasses Sales, Marketing as well as providing Technical Support / Service to Olympus customers.

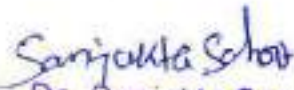
In case, Olympus Corporation, ever terminate the distributorship agreement with M/s DSS Imagetech Pvt. Ltd., for any reasons what-so-ever all commitments made by them to the customers will be born either by us or new distributor on the same terms and conditions.

This certificate is valid until **March 31, 2021**.

Yours Sincerely,

OLYMPUS CORPORATION


Xinan Zhao
Supervisor
Sales Planning & Administration, Global
Marketing- Global
Scientific Solutions Division


Dr. Sanjukta Sahoo
Assistant Professor
Department of Anatomy
AIIMS, Bhubaneswar

**DETAILS SPECIFICATION OF OLYMPUS FULLY MOTORISED
MICROSCOPE MODEL BX63 AND FOR APPLIED SPECTRAL IMAGING
MOTORIZED KARYOTYPING&FISH SYSTEM MODEL GENASIS
CYTOPOWER.**

MICROSCOPE SYSTEM:

Microscope Frame:

High quality optics with latest Infinity Colour Corrected System for high brightness, rich contrast and color correction. All optics coated with anti-reflection / anti-fungal treatment.

Rigid and study Microscope stand with **in built Z-drive motorized of 10 nm step size or better, Rigid Microscope with TFT/LCD Touch Screen** Control monitor for all the motorized microscope control. The controller should control all motorized part including Fluorescence turret, RL Shutter, Objective change, work/load position of stage (in case of Mot Stage).

Trinocular Tube:

Wide Field **Ergonomic Trinocular phototube** (100:0/50:50/0:100), upright image adjustable stop, camera port for Two Camera attachment, Diopter adjustment

Z Motorization:

Z-drive motorized basic, **Z step size of at least 10 nm or less**, with coarse and fine drive knob with detachable option. A nose-piece motorized Z focus mechanism with fixed stage is preferable but stage based motorized Z-focus can be quoted.

Transmitted Light source:

Transmitted-light illumination with **motorized light intensity control unit**. Built-in Koehler illumination for transmitted light. LED display of status of the motorized parts of the microscope. **Built-in motorized field stop**. 12V 100W halogen bulb (pre-centered) or **LED with power unit**.

Nosepiece:

Seven or more position Motorized objective nosepiece with DIC/ polarizer attachment slot.

Fluorescence Turret:

Eight or more position reflector FL turret motorized with **Motorized Reflected Shutter**. 130 watt mercury light source with Wave length consisting.

Condenser:

Motorized Universal condenser with 8 positions or more for Optical elements with motorized polarizer in/out for DIC automation. The polarizer should have a freely rotatable (360°). Eight Position Achromatic-aplanatic universal condenser for BF, DF, Phase DIC Application, with motorized swing in/out top lens, Motorized aperture diaphragm and motorized turret disk, with center able Phase position for 10X to 100X, DF stops integrated till 40X.

- Objectives: Plan Achromat objective 4X, (NA- 0.10)
- Plan Semi Apochromat objective 10X, (NA-0.30)

- Plan Semi Apochromat objective 20X (NA 0.50)
- Plan Extended Apochromat objective 40X (NA 0.90)
- Plan Extended Apochromat objective 60X (NA 1.20, Oil Immersion)
- Plan Extended Apochromat objective 100X (NA - 1.45, Oil Immersion)

Filters-

- DAPI Filter
- Spectrum Green
- Spectrum orange
- Dual Exciter Filter for Spectrum Green/Spectrum orange.
- Spectrum Aqua filter.
- 0.5 X adapter

ACQUISITION SYSTEM:

- Acquisition of only required region.
- Capturing by one mouse click and the whole process is performed under the same software platform.
- Automatic camera and image capture control with manual override function.
- Display optimization for maximum display contrast.
- Camera : 5 MP monochrome Digital camera with 3.45 μ m pixels , 35fps, with Gigabit or USB interface.

DATABASE:

- Single database for all applications
- Modern paperless laboratory design management software should be included.
- Centralized server with better network accessibility and data integrity.
- Capable to integrate with LIS (Laboratory Information System) of the institute/organization.
- Data access from any workstation in the network should be possible.
- Ability to associate with any external documents (pdf, word, xml etc).
- Any replaced or new metaphases should be updated in the gallery and in the database.
- Capable to export acquired image as clipboard image.
- Capable to import external images.
- Image processing history to be saved with date and time of each modification
- Ability to migrate cases from various versions.
- Ability to generate highly configurable customized reports.
- Easy and unlimited data archieval and retrieval.

METAPHASE FINDER:

- Fully automated, walk-away operation for 8-9 slides and efficiency.
- Automatically find metaphase cells on a slide, capture high-resolution

Images of the most suitable cells for analysis and provide a complete analysis & review toolkit.

- Automatic pre-scan and relocation.
- During slide scanning, provide user interaction to select desired metaphases for high magnification image acquisition.
- Scan to the edge of slide.
- Ability to scan slide by cell density or pre-defined area.
- Saving to database coordinates and thumbnails of scanned metaphases.
- Side by side display of low and high power metaphase images to ensure all chromosomes are included within the high power image.
- Full toolset for validation of slide statistics and results, including full slide rescan and reanalysis.
- Fast relocation to any metaphase in the gallery for review.
- Automatic adjustment to any type of coverslips.
- Sort identified metaphases based on overall quality, enabling the user to focus on ideal metaphases.

KARYOTYPING SOFTWARE:

- Ability to handle G-, R-, Q- banding, polyploid cells and markers
- The ability to scan both FISH and Giemsa slides simplifies workflow by enabling both karyotype and FISH labs to work simultaneously on the same system.
- Ability to perform automatic contour to widen and shrink the chromosome in one click.
- Merge as many regions or chromosomes as required.
- Easy to Move chromosomes. Drag and drop chromosomes to desired locations. Drag all chromosomes of a class at once.
- Simple chromosome Rotation using the mouse scroll wheel.
- Localise Marker Chromosomes in Karyotype view.
- Additional tools for counting chromosome.
- Annotate chromosomes as well as ideograms.
- Ability to prepare the customised ideograms.
- Support of ISCN ideogram with 300, 400, 550, 700 and 850 band resolutions.
- Multi function tool which eliminates the need for switching between other functional tools. A single tool must be used to select, de-select, separate touching and overlapping chromosomes, cut, join, delete or add parts of chromosomes, rotate or move the chromosomes etc in metaphase as well as in karyotype workspace.
- Ability to work in any workspace.
- Ability to add missing telomeric regions directly in karyotype view.
- Accurately estimate the band resolution of metaphase with automatic ISCN embedded abnormality text.
- User should be able to track and mark p and q arm of each chromosome.
- Fast definition of classifiers allow the user to train the software to perform automated karyotyping on various sample types, band resolutions, preparations, etc
- Capable to compare chromosomes within the case and within different cases. System should automatically present single karyotype of multiple patients (like family members) with all chromosomes included side by side for each class.

FISH SOFTWARE:

- Fully automated, walk-away operation for 8-9 slides and efficiency.
- Automatically find cell nuclei on a slide, capture high-resolution images, counts signals, classifies cells into predetermined categories and provides a complete analysis & review toolkit with static data.
- Saving to database coordinates and thumbnails of scanned metaphases/interphases.
- Scan to the edge of slide.
- Ability to scan slide by cell density or pre-defined area.
- Simultaneous Metaphase & Interphase detection in a single scan, with ability to classify metaphases and interphases in separate cells gallery
- System should scan multiple regions on slide with different probe for each of the regions.
- Full toolset for validation of slide statistics and results, including full slide rescan and reanalysis.
- Automatically find cell nuclei on a slide, capture high-resolution images, counts signals, classifies cells into predetermined categories and provides a complete analysis & review toolkit with static data.
- Debris removal.
- Ability to reset Scan for specific regions of unsuccessful scans.
- Additional frames can be captured and added to statistics even after scan and analysis were done.
- Advanced algorithms for image enhancement, identification of cell nuclei, nucleus classification with static data. Classifies cells by size, morphology and signal.
- Algorithm for the detection and classification of multi-fusion FISH probes, including triple- and quad-color fusions
- Full toolset for validation of slide statistics and results.
- Display of total number of classified, reviewed, accepted and rejected cells.
- Blinded review: multiple users can review the cells of the same slide separately without revealing the analysis results of each user
- Review bin allowing the user to mark questionable cells for later supervisor review.
- Ability to define new FISH probes/kits without the need for vendor support
- 3D review: user can review cells by seeing each of their Z-layers separately and by keyboard short key/ mouse scroll wheel.
- Ability to provide quantitative graphical data from FISH scanning, including cell area, signals intensity and SNR. This should be used in evaluating probes and wet lab quality control.
- Integrated fluorescence intensity measurement.
- Color modification and reassignment functions.
- Full Karyotyping capabilities for karyotyping of FISH probes
- Karyotype and FISH should be FDA approved.

OIL DISPENSER:

Automatically drop the oil on slide and smear it appropriately on slide.

COMPUTER

Compatible latest branded computer with minimum Intel® Xeon®

SS

DESIGNED BY TECHNOLOGY

Unitech The Chambers 1865, Rajdanga Main Road, Rajdanga, East Kolkata Twp.

7th Floor, Unit No. 705, Rash Behari Connector, Kolkata - 700107

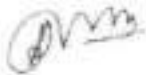
Ph: +91-33-24410569 | Toll Free No: 1800-200-5808

kolkata@dssimage.com | www.dssimage.com

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Processor (3.6GHz, 8MB) , 8GB RAM, HDD, 500GB, Video card
Nvidia Quadro 2GB , Windows 10 professional, OS 64 bit
25" High Resolution Monitor, Full HD monitor with minimum resolution
of 2560 x 1440.
3 KVA UPS with atleast half an hour battery back-up.

FOR DSS IMAGETECH PVT LTD



AMIT MALICK

DY MANAGER- SALES

9874793730

Dr. Sanjukta Saha
Assistant Professor
Department of Anatom
SAMS, Ghut

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Technology Research Institutes

2551 Yokohama-cho, Hachioji-shi, Tokyo 180-8517, Japan
2-3-1 Katsuyama-cho, Hachioji-shi, Tokyo 180-8510, Japan

78

Annapurna - V

To,
The Director
All India Institute Of Medical sciences
Bhubaneswar
Odisha-751019

Date: 14/08/2020

Dear sir,

This is to certify that the Olympus motorized BX63 Fluorescence Microscope and accessories quoted by our Indian agent DSS MAGTCH VT LTD vide their Quotation no **DSS/KOL/LS/2019-20/265** is only recommended & compatible with the automated GenASIs Cytopower software from ASI/ASI provide the motorized stage which is seamlessly integrates with BX63 Olympus optical microscope.

OLYMPUS CORPORATION



For Shinjiro Takanashi

Manager

Asia Pacific Sales

Sales Planning Dept.

Business Strategy and Planning Div.

Dr. Sanjukta S.
Assistant Professor
Department of Anatomy
AIIMS, Bhubaneswar



Appendix - VI (8)

DSS IMAGETECH PVT. LTD.

Unitech The Chambers, 1865, Rajdanga Main Road, Rajdanga, East Kolkata Twp,
7th Floor, Unit No. 705, Rash Behari Connector, Kolkata - 700107
Ph: +91-33-24410569 | Toll Free No. 1800 200 5808
kolkata@dssimage.com | www.dssimage.com

DSS/KOL/LS/2019-20/265

30-05-2020

TO,
THE DIRECTOR
DEPARTMENT OF ANATOMY
AIIMS
BHUBANESWAR

PART (A) OLYMPUS RESEARCH MOTORIZED MICROSCOPE MODEL BX63 FOR KARYOYPING & FISH APPLICATIONS CONSISTING OF FOLLOWING:

OT CODE	Item Code	Description	Qty	Price In RS
N5685200	BX63F	BX63 Motorized Microscope Frame	1	
N2716500	BX3-CBH	Motorized control unit	1	
N5205500	U-MCZ	Motorized focus control unit	1	
N2750100	U-IFCBL15	Interface cable for CAN communication, 150mm length	1	
N2750200	U-IFCBL200	Interface cable for CAN communication, 200mm length	1	
N2750300	U-IFCBL50	Interface cable for CAN communication, 500mm length	1	
XXX	U-C139A	PC interphase cable	1	
N5685300	U-LHLED100	High Intensity & High Color Rendering LED Lamp House	1	
N5669300	BX3-UCD8A	8 position Motorized condenser.	1	
5456300	U-SVRB-4	Ceramic surface mechanical stage with right-hand low drive control (long type). Vertical Stage movement 25mm per coarse stroke; 1micron per fine stroke. Stage rotation of 270 degrees.	1	
5455700	U-HLDT-4	Specimen holder for BX stage, left hand, for two specimens.	1	
3812400	U-D7REA	Reversed Motorized Septuple revolving nosepiece with a slot for analyzer or DIC slider	1	
N1512000	U-TR30-2	Trinocular Tube with 3 way light path selection: 100:0; 20:80; 0:100	1	
N4257600	WHN10X	Widefield eyepiece 10X F.O.V 22mm	1	
N4257700	WHN10X-H	Widefield eyepiece 10X, focusable, 22mm	1	
N5218600	IMMOIL-BCC	Immersion Oil 8 CC	1	
N4238900	PLCN4X	Plan Achromat objective 4X/0.1, WD 18.5 for Brightfield	1	
XXXXXXX	UPLFLN10X	Plan Semi Apochromat objective 10X, (NA-0.30)	1	
XXXXXXX	UPLFLN20X	Plan Semi Apochromat objective 20X (NA 0.50)	1	
XXXXXXX	UPLFXAPO40X	Plan Extended Apochromat objective 40X (NA 0.90)	1	
XXXXXXX	UPLXAPO100XO2	Plan Extended Apochromat objective 100X (NA - 1.45, Oil immersion)	1	

Assistant Professor
Dept. of Anatomy
AIIMS, BHUBANESWAR
Pin-751019

7

DSS IMAGETECH PVT. LTD.

Unitech The Chambers, 1865, Rajdanga Main Road, Rajdanga, East Kolkata Twp,
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kolkata@dssimage.com | www.dssimage.com

N2713800	U-TV05X	C- Mount with Video Port	1	
6424000	Cover-018	Cover	1	
1460800	UYCP-14	Power cord	2	
FLUORESCENCE ATTACHMENT				
N2710300	BX3-RFAA	Universal Motorized reflected light illuminator with field stop and aperture stop, including 8-position mirror unit cassette, UV protective shield ADxxxx, shield plate AB1550, Allen wrench AD6162 and Indication plate	1	
N2738300	BX3-25ND25	Neutral density filter for BX3 reflected light illuminator	1	
N4224900	U-HGLGPS	130 watt lamp house	1	
N4226700	U-LLG150	Light guide cable	1	
N4226900	U-LLGAD	Light guide	1	
N2711800	U-FF	Empty Mirror Units	4	
FISH Filter	DAPI	Single Filter Set for DAPI	1	
FISH Filter	FITC	Single Filter set for FITC	1	
FISH Filter	TRITC	Single Filter set for TRITC	1	
FISH Filter	Dual	Dual band filter set for FITC/TRITC	1	
TOTAL PRICE IN RS				RS40,00000

(Part B) Applied Spectral Imaging (ASI), Israel's Software for automatic Karyotyping & FISH Application.

Item Code	Description	Qty	Price In RS
Metscan, Karyotyping & Data Manager & server From ASI			
CPQBNS09-S	System includes: • Capture & Analysis System - SMP Mono Camera GenASIS 8.0 software inclusive of the following licenses: • Case Data Manager™ Software License for Data Management, Viewing and Archiving. • GenLink™ Software License for network connectivity of multiple systems in a network Metscan and reloscan-Automatics detection of metaphase and capture.	1	
FPRSF0109	Software license for Bandview for karyotyping.	1	
CPQBNS002	Server Package Server Package includes: • Standard Server inclusive of Storage HDD and software license • GenLIS™ Software License for Data Connectivity with Laboratory Information System	1	
TOTAL PRICE IN RS			RS 30,00000
FISH(Spotscan) Software, Motorized stage From ASI.			
FPRSP002	Motorized scanning stage for 1 slide capture.	1	
FPRSP0117	Spotscan software for Automatics FISH detection.	1	
FPRAC0054	Automatics Oli dispenser	1	
TOTAL PRICE IN RS			RS30,00000

12/6/20
Asst. Professor
Dept. of Anatomy
AIMS, BHUBANESWAR
Pin-751019

6

DSS IMAGETECH PVT. LTD.

Unit: The Chambers, 1805, Rajdanga Main Road, Rajdanga, East Kolkata Twp.
7th Floor, Unit No. 705, Rash Behari Connector, Kolkata - 700107
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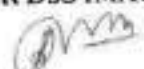


Note: Compatible Monitor would be provided locally by DSS Imagetech Pvt. Ltd.

TERMS & CONDITIONS

PRICE	:	PRICES QUOTED ARE FOR DESTINATION UPTO AIIMS
SHIPMENT	:	WITHIN 14 WEEKS FROM THE DATE OF RECEIPT OF CONFIRM ORDER ALONGWITH ERROR FREE LETTER OF CREDIT.
PAYMENT	:	THROUGH 100% LETTER OF CREDIT OR ADVANCE WIRE TRANSFER
GST	:	18% will be charged extra.
PORT OF SHIPMENT	:	ANY AIRPORT IN ISRAEL
ORDER PLACING	:	M/S DSS IMAGETECH PVT LTD A-5, MOHAN COOPERATIVE INDSL ESTATE, MATHURA ROAD NEW DELHI-110044
WARRANTY	:	ONE YEAR FROM PRINCIPALS AGAINST ANY MANUFACTURING DEFECTS.
VALIDITY	:	90 Days
COUNTRY OF ORIGIN	:	ISREAL/GERMANY/CANADA/UK/USA/JAPAN, CHINA
INSTALLATION / TRAINING	:	WILL BE PROVIDED BY OUR ENGINEER AT YOUR SITE FREE OF COST.

FOR DSS IMAGETECH PVT LTD


AMIT MALICK
DY MANAGER- SALES
9874793730


12/6/20
Assistant Professor
Dept. of Anatomy
AIIMS, BHUBANESHWAR
Pin-751019

AIIMS, BHUBANESWAR

Proprietary Article Certificate
Valid for the Current Financial Year

Annexure - VII
(17)

File No. and Date Reference :		Automated Karyotyping & FISH workstation	
1	Description of article	1	
2	Forecast of quantity / annual requirement	1CR.	
3	Approximate estimated value for above quantity		
4	Maker's name and address	Applied Spectral Imaging (ASI), Headquarters- 2 HaCarmel Street, Yokneam 2069204, Israel.	
5	Name(s) of authorized dealers/ stockists	M/S DSS Imagetech Pvt Ltd, A- 5, Mohan Cooperative Indsl. Estate, Mathura Road, New Delhi-110044	
6	I approve the above purchase on PAC basis and certify that :- Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item.	✓	
6 (b)	AND	✓	
6 (c-1)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares) :		
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	✓	
7	Reference of concurrence of finance wing to the proposal :		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
NA			

Signature of Approving Authority

Date 13th June 2020

Designation of Officer

Additional Professor & Head
Department of Anatomy
AIIMS, Bhubaneswar

Signature of the Indenting Officer

Assistant Professor
Dept. of Anatomy
AIIMS, BHUBANESWAR
Pin-751019

AUG 15, 2020

Director/Officer In-
Charge, AIIMS,
Bhubhaneshwar Odisha,
751019

To whom it may concern,

Re: ASI GenASIs CytoPower 9 Slide Scan Station- Sole Source Letter

The purpose of this letter is to confirm that we, Applied Spectral Imaging ("ASI"), are the sole source provider of service and support for our **GenASIs CytoPower 9 Slide Scan Station (CytoPower™)** (the "System"). ASI develops and sells the System. No other company is authorized to offer and sell the System.

ASI GenASIs sytem quoted by our Indian agent **M/S DSS IMAGETECH PVT LTD** vide their Quotation no **DSS/KOL/LS/2019-20/265** is an article of proprietary nature .The System is an original and complies with international quality standards ISO 13485:2016 & EM ISO 13485:2016. All our systems are manufactured at our headquarters, 2 HaCarmel Street, Yokneam 2069204, Israel.

The System applies unique hardware and image analysis algorithms that were exclusively developed by and are proprietary to ASI. The System offers karyotyping and FISH capabilities, which are unique to ASI such as:

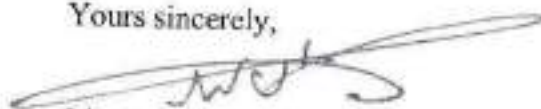
- Highly secured, stable and scalable database
- Bi-directional communication with LIS
- Advance search engine to find data from single or multiple data fields
- Prescan to detect coverslip
- Brightfield (BF) and Florescent (FL) simultaneous scan
- Magic tool, which incorporates nearly 10 individual tools used for chromosome segmentation
- Identifying estimated band resolution for each metaphase
- View and export absolute values of signal intensities
- Bioinformatics tool to score signals manually
- Simultaneous scan of metaphase and interphase during FISH scan
- Continue scan to newly added regions
- Unique algorithms
- Customised summary reports.
- Both the Software is FDA approved.
- 5 MP resolution Camera for Karyotyping & FISH.

ASI's invest in innovative-patented technology and maintain an extensive portfolio of patents protecting its technology, including in regards to the image analysis technology, which forms the basis of the capabilities offered by our systems.

In addition, in the event that a replacement or repair of the System parts is required, such parts can only be provided by ASI, and ASI cannot support its systems if any unauthorized parts have been installed in it.

Moreover, ASI is the only corporation with the unique technical competence, expertise, and experience in providing ongoing and superior support to its advanced Systems. The services are obtained directly from ASI and no other party is authorized to render similar services.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Limor Shiposh', written over a horizontal line.

Limor Shiposh

Chief Executive Officer

MANUFACTURING CERTIFICATE**To whom it may concern****Re: Item Model: ASI GenASIs CytoPower with accessories (Automated)**

This is to certify that we, Applied Spectral Imaging ("ASI"), are the sole manufacturer for **GenASIs CytoPower system (Automated)**. ASI develops on its own and sells the System.

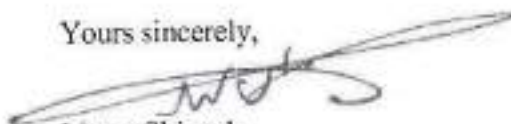
The System is an original and complies with international quality standards ISO 13485:2016 & EM ISO 13485:2016. All our systems are manufactured at our headquarters, 2 Ha'Carmel Street, Yokneam 2069204, Israel.

ASI's invest in innovative patented technology and maintain an extensive portfolio of patents protecting its technology, including in regards to the image analysis technology which forms the basis of the capabilities offered by our System.

In addition, in the event that a replacement or repair of System parts is required, such parts can only be provided by ASI, and ASI cannot support its systems if any unauthorized parts have been installed in it.

Moreover, ASI is the only corporation with the unique technical competence, expertise, and experience in providing ongoing and superior support to its advanced Systems. The services are obtained directly from ASI and no other party is authorized to render similar services.

Yours sincerely,



Limor Shiposh

Chief Executive Officer

December 9, 2019

To whom it may concern

Dear Madam/Sirs,

Re: Authorization Letter

This is to certify that M/s. DSS Imagetech Pvt. Ltd. of A-5, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi - 110 044 (the "**Distributor**"), is Applied Spectral Imaging's ("**ASI**") exclusive distributor in India, with the exception of south India, (the "**Territory**") for ASI's products.

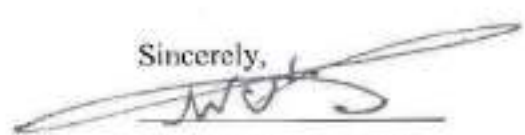
As part of such authorization, the Distributor and its branch offices are authorized to bid on all tenders, submit quotations, procure orders, supply the product, receive the payments and provide post-sales service and maintenance to the sold products in the Territory. No other company apart from the Distributor is authorized to offer and support ASI's products in the Territory.

As a result of ASI's continued investment in innovative patented technology, ASI maintains an extensive portfolio of intellectual property rights that include patented technology, with over 8 registered patents worldwide and trademarks.

ASI's support services are designed to enable ASI's customers to maximize the benefits of ASI's systems and optimize their performance. ASI's Distributor has received appropriate training from ASI on all ASI's products. Moreover, in the event that the replacement or repair of ASI's systems' parts is required, such parts have to be provided exclusively by ASI and the Distributor.

It is worth mentioning that ASI is a global leader in biomedical imaging with a comprehensive product portfolio and a global distribution footprint. The Company's technology, powered by GenASIs, enables Pathology, Cytogenetics and Research laboratories to provide advanced diagnostics to patients. ASI has a wide portfolio of dedicated solutions for Brightfield, Fluorescence and Spectral imaging and analysis, including HiPath Pro, PathFusion, HiBand, HiFISH, Harmony and Rainbow. ASI and our distribution partners are known worldwide for superior service with consistently high customer satisfaction ratings.

Sincerely,



Limor Shiposh, CEO

Applied Spectral Imaging

AUG 17, 2020

Director/Officer In-
Charge, AIIMS,
Bhubhaneshwar Odisha,
751019

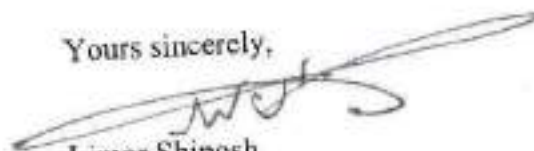
To whom it may concern,

ASI Automated motorized CenASIs platform with metscan module quoted by our Indian agent **M/S DSS IMAGETECH PVT LTD** vide their Quotation no **DSS/KOL/LS/2019-20/265** is an article of proprietary nature & only recommended & compatible with Olympus Motorized BX63 system. The System is an original and complies with international quality standards ISO 13485:2016 & EM ISO 13485:2016. All our systems are manufactured at our headquarters, 2 HaCarmel Street, Yokneam 2069204, Israel.

ASI's invest in innovative-patented technology and maintain an extensive portfolio of patents protecting its technology, including in regards to the image analysis technology, which forms the basis of the capabilities offered by our systems.

In addition, in the event that a replacement or repair of the System parts is required, such parts can only be provided by ASI, and ASI cannot support its systems if any unauthorized parts have been installed in it.

Yours sincerely,



Limor Shiposh

Chief Executive Officer