



अखिलभारतीयआयुर्विज्ञानसंस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
साकेतनगरभोपाल (मध्यप्रदेश) - 462020
Saket Nagar, Bhopal (M.P.) – 462020

Ref: RC/AIIMS BPL/2023-24/Project /NHM (M.P)/PAC -166(i) / 962

Dated: 06/04/2024

NOC for Web Challenge

Sub: Proposal for the procurement of Fish Microscope with software, for the Department of Pathology & Lab Medicine, AIIMS Bhopal on a proprietary Basis through Carl Zeiss (GmbH), Inviting Comments thereon.

A request was received from the Department of Pathology & Lab Medicine, AIIMS Bhopal for the procurement of a Fish Microscope with software Make, Carl Zeiss (GmbH), under the project, funded by DHR- ICMR on a proprietary basis.

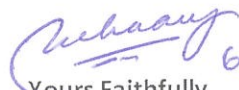
A notice is being uploaded for general Information of aspirant Manufacturers/Dealers/Distributors to submit their objections/proposals, if any, on the proprietorship of these items.

In case, the product of any Manufacturer/ Authorized distributor/ dealer conforms to the enclosed specifications, they may submit their proposal for the supply same item along with the following: -

- (i) Details of the required product brochure
- (ii) Point-by-point compliance of the enclosed specifications, along with all relevant documentary evidence.

The objection/proposal should be sent in sealed cover to, The I/c Admin Officer Room No:137, Research Cell, 1st Floor, Sardar Vallabh bhai Patel Bhawan, (Medical College Building), AIIMS Bhopal, Saket Nagar, Bhopal (462020) to reach on or before 16/04/2024 up to 17:00 Hrs., (if there is any holiday on the last submission day, the next working day will be accepted as due date) failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its merit.

The reference number: RC/AIIMS BPL/2023-2024/Pathology & Lab Medicine /NHM (M.P) Project/962 due on: 16/04/2024 should be super scribed on a sealed envelope.


Yours Faithfully
I/c Admin Officer Research Cell
AIIMS Bhopal

Enclosed:

1. Proprietary certificate of OEM
2. Authorization Letter
3. Schedule of Requirement with Specification



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Proprietary Certificate



Carl Zeiss Microscopy GmbH 07740 Jena,
Germany

Division/ Dept.: RMS

Dear Sir/Madam

Proprietary Nature Certificate

Certified that articles viz., Proposed by Carl Zeiss India (Bangalore) Pvt. Ltd, a 100% Subsidiary of Carl Zeiss Microscopy GmbH, for "ZEISS Microscope - Motorized Microscope-Axiomager Z2 with ISIS, Filter Sets and CoolCube 1m in Camera" are proprietary items of M/S. Carl Zeiss Microscopy GmbH, Germany, a Group company of Carl Zeiss, Germany

Upright Research grade Motorized Microscope with Camera and Software for FISH-Axiomager Z2 with ISIS, Filter Sets and CoolCube 1m Camera, being a proprietary technology of M/s. Carl Zeiss Microscopy GmbH, Germany, a Group company of Carl Zeiss, Germany have the below proprietary features:

1. 10 Position reflector turret
2. Infinity contrast and color corrected system -ICCS
3. Apochromatically corrected ICCS beam path
4. Image acquisition in up to 12 color channels with integrated microscope control for motorized microscopes

- M/s. Carl Zeiss Microscopy GmbH, Germany are the sole manufacturer of these articles.
- M/s. Carl Zeiss India (Bangalore) Pvt. Ltd, who have submitted the details, is a 100% Subsidiary of Carl Zeiss, Germany and are responsible for sales and service of our products in India.
- Certified further that no substitute make/ model will serve the purpose and also that no other manufacturer can copy or produce the items in part or to to

Yours faithfully
Carl Zeiss Microscopy GmbH

Authorized Signatory

Carl Zeiss Microscopy
Carl Zeiss Group
Carl-Zeiss-Promenade 10
07745 Jena
www.zeiss.com/microscopy
microscopy@zeiss.com

Supervisory Board:
Dr. Michael Kuschke
Board of
Dr. Markus Weber
Justus Felix Wehmer

Local Court Jena, HRB
VAT Reg No: DE
Tax number: 50079/47619
WEEE Reg. No.

Deutsche Bank AG Jena
Account: 6200000000 (BLZ
SWIFT-BIC: 25120533)
IBAN:
Commerzbank AG Göttingen
Account: 624111100 (BLZ
SWIFT-BIC: 25120533)
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Commerzbank AG Heidenheim
Account: 201146000 (BLZ 25120533)
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Authorization Letter



Date: 10.01.2024

Authorization Letter

To,
The Director,
All India Institute of Medical Sciences (AIIMS) Saket Nagar,
Bhopal – Madhya Pradesh

Model: AXIO IMAGER. Z2 mot

We CARL ZEISS INDIA (Bangalore) PVT LTD, a wholly owned subsidiary of CARL ZEISS MICROSCOPY, GmbH, Germany, reputed manufacturer of "Microscopes & Microscopy System" having corporate office at 07740 Jena, Germany and having manufacturing facilities at various locations in Germany (Jena), U. K., USA, Byelorussia etc.

Do hereby Authorize "M/s Adarsh Enterprises, 1203, Madan Mahal, Nagpur Road, Jabalpur – 482001, Madhya Pradesh, India" to supply above mentioned goods manufactured by us and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty in accordance with the General Conditions of Contract, with respect to the Goods offered by the above firm.

Thanks and Regards



Akhilesh Agarwal

For Zeiss India (Bangalore) Pvt. Ltd.

Carl Zeiss India (Bangalore) Pvt Ltd (Regd office), Plot No 3, Jigani Link Road, Bommasandra Industrial Area, Bangalore-560 099, INDIA
Tel: 91-80-43438000 Fax: 91-80-27833010 E-mail: info.in@zeiss.com Website: www.zeiss.co.in



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Schedule of Requirement

Sr. No	Name of Item	Required Qty
01	Fish Microscope with software	01 unit



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Technical Specifications

Specifications



Annexure I

Carl Zeiss Microscopy GmbH 07740 Jena,
Germany

Division/ Dept.: RMS

**Specifications for FISH Microscope
Model: Axioimager Z2**

Dear Sir/Madam

**Carl Zeiss Microscopy
GmbH**
 Carl Zeiss Group
Jena location
 Carl-Zeiss-Promenade 10 07745
 Jena
 Germany
 Phone: +49 3641 64-
 Fax: +49 3641 64-
 E-mail:
 Your ref.:
 Yours of:
 Our ref.:
 Date: 05.02.2024

PART A: Motorized Upright Fluorescence Microscope

- Fully motorized research grade Upright fluorescence microscope with apochromatically corrected beam path for Fluorescence analysis.
- Motorized Research microscope stand with motorized Z focus drive step resolution 10 nm and with adjustable height stop and torque of focusing Objective specific focusing speed adjusting for scanning and capture.
- Microscope body has mounted TFT/ LCD monitor to display the microscope parameters and controls the motorized functions like light manager, contrast manager, motorized nosepiece, motorized fluorescence turret etc.
- Motorized Microscope has an integrated light and contrast manager
- 7 Position motorized nosepiece.
- 100 watt halogen illumination for Transmitted light applications
- Fluorescence filters for DAPI, FITC, DEAC, Texas Red/Spectrum Orange, and DAPI/FITC/TRITC triple band to be offered for FISH
- Fluorescence illumination with 100 W mercury lamp house with self adjusting lamp. Fluorescence beam path should be fully apochromatically corrected for high contrast fluorescence illumination and should have a motorized shutter. 10 positions motorized in built reflector turret should be provided.
- Objectives for Bright field and Fluorescence of magnifications 10x (N.A. 0.25), 40x (N.A. 0.75), 63x oil (N.A. 1.25).
- Binocular phototube with 15° inclination and a high field of view of minimum 25mm with a camera port to monochrome camera should be offered with 10x/25 mm focusable eyepieces.

PART B: FISH Imaging Workstation Camera:

CCD Monochrome Camera : Resolution 1280x1024, 12 bit, pixel depth of 6.45µ x 6.45 µm and exposure time between 20 µs and 300 s with global shutter. atleast 15 frames per second is offered

FISH Software: Image acquisition in up to 12 color channels with integrated microscope control for motorized microscopes. Extended focus image generation to have a very clear Fluorescence signal against clear dark background. User defined automatic processing functions significantly simplify the image enhancement immediately after the capture. Interactive and automatic integration time control for each color channel. Automatic and interactive background correction and thresholding for each color channel. Mask (exclude/include) function, Transient and permanent zoom, Presentation of individual colors, false colors, and gray level. Annotation capabilities and Measurement functions. Provision to capture color images using RGB filters for stained samples/slides like H&E, Special Stains, IHC etc.

Report / Archiving Software: Dedicated software for Report generation, analysis, archiving and classifying with university logo or other related images. Scheduled backup and notification if data is not getting saved. Dedicated software for Report or case data searching and sorting. Editing can be done for a work group or multiple cases. Security check to avoid unknown user can't modify data. User Defined report generation with graphic interface. Provision in software to extract statistical information of cases/reports like cases per year, results per year, samples per year etc.

Note 1: The quoted microscope model is upgradable at site for a fully automated scanning system for metaphase finder and FISH spot counting with capacity to scan up to 800 or more slides.

Note 2: The quoted microscope model can be upgraded to DNN Based / Artificial intelligence based Karyotyping software which has a US Patent.

Note 3:

Branded Suitable Computer for imaging and data analysis should be supplied along with the system

Yours faithfully
 Carl Zeiss Microscopy GmbH

Signature

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 Carl Zeiss Group
 Carl-Zeiss Promenade 10
 07745 Jena
 www.zeiss.com/microscopy
 microscopy@zeiss.com

Supervisory Board:
 Dr. Michael Kaschke
 Board of
 Dr. Markus Weber
 Justus Felix Wehmer

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 Commerzbank AG Göttingen
 Account: 624111100 (BLZ
 SWIFT BIC: COBADEFF33
 IBAN:

Specification noted
 Commerzbank AG Heidelberg
 Account: 261114600 (BLZ
 SWIFT BIC: COBADEFF33
 IBAN: DE2611460000000000000000
 Deutsche Bank AG Heidelberg
 Account: 250680000 (BLZ 613700866)
 SWIFT BIC: DEUTDE33
 IBAN: DE3251170086000000000000

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 Assistant Professor
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 Additional Professor & I/c. HoD
 Dept. of Hospital Administration
 All India Institute of Medical Sciences
 Bhopal-462020

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