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Sl No	Department/Location	Tender Number	Tender Title	Tender Type	Category	Sub Category	Estimated Value	NIT Published Date	Last Date for Bid Submission	Actions
1	NIMHANS	NIMHANS/2019-20/IND565	NEUROSURGICAL OPERATING MICROSCOPE	OPEN	GOODS		----	30/12/2019 14:25:36	14/02/2020 11:00:00	

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Corrigendum Details

Tender No. : NIMHANS/2019-20/IND565

Department : National Institute of Mental Health & Neuro Sciences

Tender Title : NEUROSURGICAL OPERATING MICROSCOPE

Select An Corrigendum to view its details :

Sl. No	Reason for Corrigendum	Corrigendum Date	View Corrigendum Details
1	As per recommendation of the End-user and Approval of the Competent Authority	13/01/2020 10:26	
2	AS PER THE REMARKS AND RECOMMENDATION OF THE END-USER AND APPROVAL OF THE COMPETENT AUTHORITY	04/02/2020 10:44	

Tender Dates

Bid Validity Period (In Days)

120
Days

Date	Original Date	Changed Date
Last Date & Time for receipt of tenders	07-02-2020 11:00:00	14-02-2020 11:00:00
Last Date & Time for Tender Queries/Clarifications	20-01-2020 11:00:00	07-02-2020 11:00:00
Date & Time for Opening of Technical Bid	10-02-2020 11:00:01	15-02-2020 11:00:01

Refer
Karnataka
Transparency
in Public
Procurement
Rules
Chapter
V, Rule 17 for
Minimum
Time for
Submission
of Tenders

Description for Corrigendum

Sl No	Reference Number*	Read As*
1	SL. NO: 30	SHOULD BE READ AS "The microscope should have facility for fluorescence guided tumor surgery and vascular surgery (for intra operative ICG angiography.)The tumor fluorescence should include attachment (both hardware and software for yellow fluorescence). The Microscope should have facility for ICG and Yellow fluorescence. It should be integrated with Microscope. Please mention the camera configuration and resolution available for the fluorescence surgery."
2	SL. NO: 31	Image injection in the eyepiece "Please mention details" SHOULD BE READ AS "Image Injection facility should be available in the microscope"

Reason for Corrigendum :

AS PER THE REMARKS AND RECOMMENDATION OF THE END-USER AND APPROVAL OF THE COMPETENT AUTHORITY

Corrigendum Documents :

Sl No	Document
1	2 - corrigendum.pdf
2	1 - specifications.pdf

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NATIONAL INSTITUTE OF MENTAL HEALTH AND NEUROSCIENCES

Institute of National Importance, Hosur Road, Bengaluru-560029

Department of Neurosurgery

No: NIMH/HOS/NS/HOD/92/2019-20



To

The Director

NIMHANS, Bengaluru - 29

Dear Sir,

Sub: Request for Amendment of Specifications by the BioMedix Optotechnik - Reg

Ref: Letter dated 07/01/2020 from BioMedix Optotechnik towards Surgical Operating
Microscope procurement and

Tender No: STR-D3/463/Operating Microscope/NS/2019-20/

With Reference to above, the department of neurosurgery has decided the following after detailed perusal of letter submitted by the BioMedix Optotechnik towards global tender for procurement of Surgical Operating Microscope.

1) **Sl. No.3&6** both manual adjustment is present in existing Microscopes which are being used at various OT rooms and is not company specific. It allows us to do a manual override in case of motor failure.

2) **Sl. No 05&25:** The department felt that the both these specifications are required for the patient benefit and operating ease. Therefore the specifications should not be changed

3) **Sl.No.31** is accepted and image injection facility should be available in the microscope. ✓

4) An additional amendment for **Sl. No: 30** as follows:

The Microscope should have facility for Fluorescence guided tumor surgery and vascular surgery (for Intra operative ICG Angiography.) The tumor fluorescence should include attachment (both hardware and software for yellow fluorescence. The Microscope should have facility for ICG and Yellow fluorescence. It should be integrated with Microscope. Please mention the camera configuration and resolution available for the fluorescence surgery.

Thanking You

Yours faithfully


Dr. Dwarakanath Srinivas
Professor & HOD

डॉ. द्वारकानाथ श्रीनिवास, एम.एस, एम.सीएच
Dr. DWARAKANATH SRINIVAS, M.S, M.Ch
प्रध्यापक और विभागाध्यक्ष / Professor & Head
अनुक्रमांक/Reg. No. KMC 46461
नैत्रिका शल्य चिकित्सा विभाग / Department of Neurosurgery
राष्ट्रीय मानसिक स्वास्थ्य और तंत्रिका विज्ञान संस्थान
National Institute of Mental Health & Neuro Sciences
बैंगलूरु-560 029 भारत, Bengaluru-560 029. INDIA.

CORRIGENDUM: 04.02.2020 & EXTENDED DUE DATE: 14.02.2020**NEUROSURGICAL OPERATING MICROSCOPE****For Technical Clarifications contact:****Dr. Dwarakanath Srinivas, Prof & Head – Mobile: - +91-80-9480829605****Office Landline: +91-80-26995403/5724****Dept. of Neurosurgery, Faculty Building, NIMHANS, Hosur Road, Bengaluru****Email ID: dwarakaneuro@yahoo.com & surgery.nimhans@gmail.com****TENDER SPECIFICATIONS FOR NEUROSURGICAL OPERATING MICROSCOPE**

SL No	Microscope	Description
1	Classification	Class 1
2	Optics Carrier	Please specify the height
3	Working distance	200- 500mm (± 25 mm) Variable through motorised multifocal lens, activated through Hand switch, Footswitch and through control panel. Manually adjustable override.
4	Magnification range	1.5x - 17x with minimum 10x or higher eyepiece
5	Field of View	12.5mm - 175mm with 10X Eyepiece
6	Focusing	Motorised, via multifocal lens activated through Hand Switch, Footswitch & Control panel. Manually adjustable override has to be available
7	Eyepieces	Wide - field eyepiece for spectacle wearers 10X or 12.5X, dioptic setting +/- 5 with adjustable eye cup
8	Observation	Wide range of observation: Two observers should view simultaneously.
9	Light Source	Main Lamp should be minimum 300W Xenon Illumination
10	Emergency Lamp	Back-up also should be 300 W Xenon
11	Illumination Power supply	Please mention the details of illumination
12	Illumination Field Diameter	Should have Built in automatic zoom-synchronized illumination field diameter, with manual override and reset feature
13	Automated illumination control	Should have Automated illumination Brightness control should be linked to working distance
14	Binocular tube	Flexible ergonomic height adjustment for optimal body position at the microscope.
15	Asepsis for all controls	Sterilisable Protective glass for objective. Sterilisable components for all drive knobs/drapes
16	Co-Observer attachment	Stereo Co-Observer attachment for Cranial and for Spine attachment
17	Rotation of optics	Minimum 500 degrees
18	Lateral Tilt	-45 to +45 or better
19	Inclination Tilt	-30 to +120 or better
20	Handles /Joystick	Controls for microscope zoom position, variable working distance via multifocal lens, XY movement , and the 6 electro-magnetic brakes
21	Balancing	Full Auto Balancing of the whole system by one button push /

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		touch.
22	Inter-operative Auto balance	The System should preferably have intra-operative Auto balance facility during the case without breaking sterility
	STAND	
23	Floor stand	Floor Stand with 6 Electro-magnetic brakes
24	Range of Cantilever	To be mentioned
25	Compact Base	Should be in the range of 650- 750 X 650-750
26	Control Unit	Latest advanced intuitive touch panel technology with built in diagnostic Menu and indication for Lamp remaining hours.
27	HD camera	HD 1080P or higher Camera with excellent video output. A 3-chip camera is preferable. Please mention if it is available and the quote should include the cost of a 3-Chip camera.
28	Recording System	High Definition (1080P). Recording system with built in Monitor Live duplicating - file storage on any of the external storage device viz., Pen drive, USB storage device etc., Video format - MPEG -4 HD input/output Minimum Storage capacity of 2TB HDD Compatible Intuitive Operating System Video Compression should be MPEG4 & Still Image bmp & jpeg Should be DICOM compatible
29	Navigation	Microscope should be compatible with all the existing major navigation systems in the market for image guided surgery. All the necessary software for the same should be incorporated. The microscope should be compatible and should have facility for integration with neuronavigation.
30	Fluorescence	The microscope should have facility for fluorescence guided tumor surgery and vascular surgery (for intra operative ICG angiography.)The tumor fluorescence should include attachment (both hardware and software for yellow fluorescence). The Microscope should have facility for ICG and Yellow fluorescence. It should be integrated with Microscope. Please mention the camera configuration and resolution available for the fluorescence surgery.
31	Image injection in the eyepiece	Image Injection facility should be available in the microscope
32		The equipment should have international certification like CE, IEC etc. Please provide the names of institutes/hospitals (Neurosurgery only) where the quoted model is installed.
33		The supplier should be of good standing in Indian market for at least 5 years. A demonstration of the quoted equipment should be possible if requested. Years. Warranty for 5 years.

WARRANTY: 5 YEARS**COMPREHENSIVE MAINTENANCE CONTRACT [CMC]: 6TH to 10TH Year (5 Years)**