



अखिल भारतीय आयुर्विज्ञान संस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
साकेत नगर भोपाल (मध्यप्रदेश) – 462020
Saket Nagar, Bhopal (M.P.) – 462020
web site: www.aiimsbhopal.edu.in

AIIMS, BOPAL
CENTRAL STORES DEPARTMENT
Dispatch No.....
2934
Date:.....
29/11/2023

No.: AIIMS/BPL/Ophthalmology/ Refractive Surgery Suite/PAC/2023-24/ 2934

Dated: 29 /11/2023

Subject: Purchase of Refractive surgery suite – 01 No. ("LASIK" Refractive Lasers), Equipment on Proprietary basis-Inviting comments thereon.

The request received from Department of Ophthalmology, AIIMS Bhopal, for the purchase of captioned Item from (OEM) M/s Carl Zeiss Meditech AG, Goeshwitzer Strasse-51-52, 07745 Jena, Germany, and through its subsidiary (100 %) Carl Zeiss India (Bangalore) Pvt. Ltd. Plot No. 03, Jigani Link Road , Bommasandra Industrial Area, Bangalore-560099, and through its authorized distributor/dealer , M/s Varad Corporation., C-314, Shailinder Nagar, Raipur-492001 – India on Proprietary basis.

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/proposal, if any, on 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 Equipment/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 Senior Procurement cum Stores Officer, Central Stores, Vishwakarma Bhawan, First Floor, AIIMS, Saket Nagar, Bhopal (462020)** so as to reach on or before

14 /12/2023 up to 17:00 Hrs., 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.

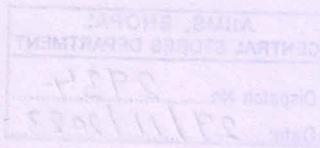
The reference No.: AIIMS/BPL/Ophthalmology/ Refractive Surgery Suite/PAC/2023-24/.....,
dated: 29/11/2023 due on 14 /12/2023 should be super scribed on sealed envelope.

Yours faithfully

[Signature]
I/c Senior Procurement cum Stores Officer, Central Stores
For and on Behalf of Executive Director, AIIMS Bhopal.

Central Stores Department
एस्स, साकेत नगर, भोपाल (म.प्र.)
AIIMS, Saket Nagar, Bhopal (M.P.)

- Encl: 1. PAC Certificate
2. Authorization Certificate
3. Schedule of requirement
4. Technical Specifications



Proprietary Article Certificate



Carl Zeiss Meditec AG 07745 Jena

To,

The Director
AIIMS,
Saket Nagar,
Habib Ganj Bhopal- 462026

Carl Zeiss Meditec AG

Jena location
Goeschwitzer Strasse 51-52
07745 Jena
Germany

Phone: +49 (0) 3641/ 220-100
E-mail: holger.ruchatz@zeiss.com

Division/Dept.: Sales Distribution Partners
Your contact: Jukka Ruhanen

Our ref.: KST
Date: 16.10.2023

SUB: PROPRIETARY CERTIFICATE – PRESBYOPIC EXCIMER LASER

Dear Sir,

We hereby certify that the ZEISS Excimer Laser Model MEL 90 with "PRESBYOND" (Laser Blended Vision) is employing micro monovision technology and adjustment of depth of focus to achieve a blending of the visual perception of near and far eye (blend zone) with the aim of reducing spectacle dependence in presbyopia.

The ZEISS MEL 90 excimer laser system features connectivity with ZEISS Femto second laser model VISUMAX 600/800 and remote planning station Refractive Workplace / FORUM for smooth data exchange and single patient bed swivel facilities for both laser devices. Products described here are the proprietary to Carl Zeiss Meditec AG, Germany.

Best regards

For Carl Zeiss Meditec AG
i.V.

Fiedler
Joachim OGJF
Digital unterschrieben
von Fiedler Joachim OGJF
Datum: 2023.10.17
12:06:57 +02'00'

Joachim Fiedler
Business Manager REF EMEA

i.V.

Digital unterschrieben
von Ruchatz Holger
OGHU
Datum: 2023.10.17
10:54:17 +02'00'

Holger Ruchatz
Director Product Management Refractive Lase

Address of Record:
Goeschwitzer Strasse 51 - 52
07745 Jena, Germany

Address for Delivery:
Carl Zeiss Meditec AG
Goeschwitzer Strasse 51 - 52
07745 Jena, Germany

Banks:
Deutsche Bank Jena
Account: 624536900 (BLZ 820 700 00)
IBAN: DE90 8207 0000 0624 5369 00
BIC/SWIFT: DEUT DE BEXXX

Commerzbank Jena
Account: 258072800 (BLZ 820 400 00)
IBAN: DE31 8204 0000 0258 0728 00
BIC/SWIFT: COBADEFFXXX

Commercial Register:
Local Court Jena HRB 205623

VAT-ID No.: DE 811 922 737
WEEE-Reg.-No.: DE55298748

Chairman of the Supervisory Board:
Dr. Karl Lamprecht

Board of Management:
Dr. Markus Weber (CEO)
Justus Felix Wehner



Carl Zeiss Meditec AG 07745 Jena

To

The Director
AIIMS,
Saket Nagar,
Habib Ganj Bhopal- 462026

Carl Zeiss Meditec AG

Jena location
Goeschwitzer Strasse 51-52
07745 Jena
Germany

Phone: +49 (0) 3641/ 220 100
E-mail: holger.ruchatz@zeiss.com

Division/Dept.: Sales Distribution Partners
Your contact: Jukka Ruhanen

Our ref.: KST
Date: 10.03.2023

SUB: PROPRIETARY CERTIFICATE FOR ZEISS VISUMAX 800 FEMTOSECOND LASER SYSTEM

Dear Sir,

We hereby certify that the ZEISS VISUMAX 800 Femtosecond Laser System with smart robotic assistance including its full range of options and accessories is a proprietary product of Carl Zeiss Meditec AG, Germany.

The ZEISS VISUMAX 800 Femtosecond Laser System allows surgeons to create flaps in 6 seconds for LASIK procedures and, when equipped with ReLEx SMILE optional module, can be used to perform Small Incision Lenticule Extraction (SMILE) in less than 10 seconds.

In addition, when equipped with the respective optional modules, the system can create pockets for Intra-corneal Rings implantation and be used to perform Keratoplasty procedures.

Address of Record:
Goeschwitzer Strasse 51 - 52
07745 Jena, Germany

Address for Delivery:
Carl Zeiss Meditec AG
Goeschwitzer Strasse 51 - 52
07745 Jena, Germany

Banks:
Deutsche Bank Jena
Account: 624536900 (BLZ 820 700 00)
IBAN: DE90 8207 0000 0624 5369 00
BIC/SWIFT: DEUT DE 8EXXX

Commerzbank Jena
Account: 258072800 (BLZ 820 400 00)
IBAN: DE31 8204 0000 0258 0728 00
BIC/SWIFT: COBADEFFXXX

Commercial Register:
Local Court Jena HRB 205623
VAT-ID No.: DE 811 922 737
WEU-Reg.-No.: DE55298748

Chairman of the Supervisory Board:
Dr. Karl Lamprecht
Board of Management:
Dr. Markus Weber (CEO)

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Page 2 of 2

Carl Zeiss Meditec AG

The system includes motorized patient bed, surgeon's chair, ZEISS built-in microscope, dual screen monitor, integrated video recording system & ultrasound sensors to assist in actuating the robotic arms, integrated top-view, side-view & therapy cameras to intelligently observe the surgical environment between device & patient. The CentralAlign assistant system with computer-controlled function for easy centration

The VISUMAX Femtosecond Laser System is manufactured in Jena, Germany.

Best Regards

For Carl Zeiss Meditec AG
i.V.

Fiedler
Joachim OGJF
Digital unterschrieben
von Fiedler Joachim OGJF
Datum: 2023.10.17
12:03:05 +02'00'

Joachim Fiedler
Business Manager REF EMEA

i.V.

Digital unterschrieben von
Ruchatz Holger OGJF
Datum: 2023.10.17 15:57:42
+02'00'

Holger Ruchatz
Director Product Management Refractive Lasers

Authorization Certificate



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M/ME/SVJ/058/2023
October 31, 2023

To,
The Executive Director,
All India Institute of Medical Sciences, (Aiims) Bhopal,
AIIMS Campus Road, Saket Nagar,
Bhopal - 462020

Carl Zeiss India (Bangalore) Private Limited
Regd. Office
Plot No. 3, Jigani Link Road,
Bommavandra Industrial Area
Bangalore - 560 099, INDIA
Tel.: +91-80-43428000
Fax: +91-80-43426229
E-mail: info.in@zeiss.com
Web: www.zeiss.co.in
CIN: U33125KA2009PTC049465

Subject: Letter of Authorization

Dear Sir,

We, Carl Zeiss India (Bangalore) Pvt.Ltd. is 100% subsidiary company of Carl Zeiss Meditec AG, Germany having factories at Germany, who are proven and reputable manufacturers of "LASIK" Refractive Lasers, hereby Authorise our Dealer M/s. Varad Corporation, C-314, Shaileendra Nagar, Raipur 492001 to bid, negotiate and conclude the contract with you the above goods manufactured by our factory.

No company or firm or individual other than Messrs. Varad Corporation, Raipur are authorized to bid, negotiate, and conclude the contract in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the conditions of tender for the goods bided for supply against this tender by the above firm.

The Authorization is Valid upto 31/03/2024 the contract period.

Thanking you,

Yours truly,
For Carl Zeiss India(Bangalore)Pvt.Ltd.

Srinivas Veeraraghavan
Head-Sales & Business Development
Refractive Lasers-Medical Technology



Ahmedabad :
101, 1st Floor
Zee Tower Building,
Amar Nest Hotel
off C. G. Road, Newapura
Ahmedabad-380009, INDIA
Tel.: +91-79-40520301
Fax: +91-79-40370303

Chennai :
SP 26, Ambattur Industrial
Estate, Ambattur Palayam,
Tiruvallur District, Tamilnadu
Chennai - 600055, INDIA
Tel.: +91-44-61750159

Hyderabad :
Krishnamma House, 10th, 3-2-418
5th Floor, Road No. 7
Banjara Hills
Hyderabad - 500 034, INDIA
Tel.: +91-40-23354181
Tel.: +91-40-22254188
Fax: +91-40-22254077

Kolkata :
Victoire Plaza
Plot 37/2, Block G1
Banjara Hills
Kolkata 700 091, INDIA
Tel.: +91-33-2113-60612000
Tel.: +91-33-2113-60612001

Mumbai :
Unit No. 371 & 372
Suncity Corporate Park
Plot 37/2, Sector V, Ghatkopar
Building No. 49
Andheri (East)
Mumbai - 400055, INDIA
Tel.: +91-92-65362272

New Delhi :
A-386, Sector-9, Okhla Industrial Estate
Majlis Road
New Delhi - 110046, INDIA
Tel.: +91-11-45150992
Fax: +91-11-45150993/11

Plano :
GTZ No. 4070
Sipra Complex
Chinchwad Gate
Chinchwad
Pune - 411052, INDIA
Tel.: +91-20-23350726/27

Schedule of requirement

S.No.	OEM	Description	Qty (No.)
01	Carl Zeiss Meditec AG, Goeshwitzer Str. 51-52, DE-07745, Jena , Germany	Refractive Surgery Suite Model: MEL 90 with "PRESBYOND" (Laser Blended Vision)	01

**** Note: Please don't quote the prices of the above schedule requirement ****

Technical Specification

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REFRACTIVE SURGERY SUITE INCORPORATING EXCIMER LASER ,FEMTOSECOND LASER LENTICULE EXTRACTION & PRESBYOPIA LASIK LASER ON COMPLETE TURNKEY BASIS

1. Should have treatment options of Flap and Lenticule extraction based correction for Myopia & Astigmatism. Should be able to create pockets for intracorneal ring implantation and perform keratoplasty with appropriate modules .

2. Wave Length : 1043nm, PULSE Duration 220 – 580 fs

3. Should have computer-controlled function for easy centration by using pupil center and vertex position,Cyclotorsion adjustment .

4. Treatment laser repetition frequency : 2 M.Hz.,

5. Should be capable to Create the lenticule in less than 10 secondsand complete a flap cut in approximately 6 seconds

6. Should have narrow spot and track spacing. myopia with optical zone 6.5 mm. flap diameter ≤ 8.0 mm,spot distance 4.5 μm, track distance 2.0 μm.

7. Should have Ultrasound sensors to assist in actuating the robotic arms. Integrated top-view,side-view and therapy cameras to observe the surgical environment between device and patient .

8. For retreatment there should be an additional software module to convert the initial lenticule cap created into a flap.

9. Should have smart & Intelligent robotic features to monitor continuously the patient's position and make automatic adjustments, (Right on the target)the interactive touchscreen and intuitive software to assist thesurgeon and the assistant at every step throughout the procedure.

10..Should have complete integrated high-quality surgical microscope to ensure precise and complete visual control during every manual surgical manipulation with dual screen monitor. With 5 magnification steps and additional integrated digital video camera for recording surgical procedures.

11. Integrated Slit projector & integrated(Inbuilt) UPS

12. Motorized Operating table should have the headrest which can be adjusted in three dimensions to account for anatomic specifics of patients and automatic length adjustment of the headshell. Legroom and easy access for the surgeon to provide comfortable working ergonomics. The Keratoplasty adapter should fit to the operating table.

13. There should be provision for refractive workplace for digitally connected Patient data management and single patient bed swivel facilities for included laser devices.

Assistant Prof. Dr. S. S. Goyal
Department of Ophthalmology
AIIMS, Bhopal (M.P.)
Regd. No. DMC/2012/2020
Date 12-Nov-2012
Designation: Professor
Signature: *[Signature]*
S. S. GOYAL
14/11/2020
Dr. PREET SINGH
Professor & Head
Department of Ophthalmology
AIIMS, Bhopal (M.P.)

Dr. PREET SINGH
Professor & Head
Department of Ophthalmology
AIIMS, Bhopal (M.P.)
Date 14/11/2020
Signature: *[Signature]*
Dr. VIJAYA VERMA
Associate Professor
Department of Ophthalmology
AIIMS, Bhopal (M.P.)
Date 14/11/2020
Signature: *[Signature]*

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PRESBYOPIC LASIK LASER

Should have micromonovision system ,adjustment of depth of focus to achieve blend near and distance blend zone .

Should have integrated Argon fluoride (ArF) premix gas Excimer LASER with replaceable gas cylinders.

Laser should be of Small spot size & Gaussian beam profile to produce high quality corneal ablation, aspheric beam profile.

Should have Multiple Treatment Algorithms : Aspheric ablation profiles without any license fee as standard treatment, should also have Tissue saving mode, PRK, PTK and Customized treatments.

Future upgradability to Topography -guided treatment procedure

Pulse Duration = 5-20ns

Pulse should be precise and accurately control every single laser pulse.

Optical path: machine should have closed optical path with vacuum.

Treatment range: the system should be able to correct a minimum range up to - 12 D (Myopia) to + 3 D (Hyperopia), >5D (astigmatism) with reliable results. The system should have an International LASIK approval range with proven track records.

LASER beam delivery System to have Flying spot for high repetition speed frequency 250Hz or higher.

System should be able to handle a maximum ablation size of 7 mm (Optical zone up to a maximum of 7mm).

Eye Tracker should have Multiple tracking system with Active eye tracking, IR1000 HZ & above, Limbus tracker, Pupil tracking

Should have Simple LASER calibration with provision of Test Foil/PMMA plate

Original OEM make High Quality Surgeon chair: portable with height adjustment & back support. Motorized OT table bed with the combined use of the pivoting patient supporting system between the femtosecond system and the excimer laser

Operating microscope should be with integrated HD video camera (without external attachment) & inclinable binocular tube, should be inclinable up to 0 -180 Degree.

Plume evacuator should be integrated.

It should have capability of Presbyopia correction Algorithm using mikromonovision technique. Freedom to select Preoperative spherical aberration and Functional age with Treatment range: -8.0 D to +2.0 D, including emmetropic and astigmatism up to 2.0 cyl.

Excimer laser machine should be able to communicate with Femto Second Laser.

The Machine should not require N2 flushing gas systems.

The system should have Assistant Work station to facilitate high output of patient flow.

The system should have Touch screen based Patient Data Management for optimum adaptability to clinical specific workflow.

The system should have DUAL FREQUENCY capability for Surface & Intra stromal ablations. HDMI output possible.

Wavelength 193 nm or more

उप विकास अधिकारी
Superintendent
अधिल भारतीय आयुर्विज्ञान संस्थान
कापाल - 462020/Bhopal-462020

Assistant Professor
Department of Ophthalmology
Amts. Bhopal (M.P.)
Date: 14/11/2020
Signature: Dr. BHAVIT SINGH
14/11/2020

Dr. DHIVYANA SHARMA
Professor & Head
Department of Ophthalmology
AHMS, Bhopal (M.P.)-462020
Signature: Dr. VIKAS GUPTA
14/11/2020

(5)

Refractive surgery suite should be of International repute with European CE/ FDA approval.

Dr. VIKAS GUPTA
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Additional Professor
Dept. of ENT-Head & Neck Surgery
All India Institute of Medical Sciences
Bhopal - 462020

Dr. PUNIT SINGH
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Dr. VIDHI VERMA
MBBS, MS
Associate Professor
Department of Ophthalmology
All India Institute of Medical Sciences
Bhopal - 462020

Dr. BHAVANA SHARMA
Senior Resident
Dept. of Ophthalmology
AIIMS, Bhopal - 462020

Assistant Professor
Department of Ophthalmology
AIIMS, Bhopal (M.P.)

OPD
14/11/23
Reed

Shankha

Dr. VIKAS GUPTA
MBBS, MS
Additional Professor
Dept. of ENT-Head & Neck Surgery
All India Institute of Medical Sciences Bhopal - 462020

उप चिकित्सा अधीक्षक
Deputy Medical Superintendent
अखिल भारतीय आयुर्विज्ञान संस्थान
All India Institute of Medical Sciences
भोपाल - 462020/Bhopal - 462020