

Quotation

No. JJH/PUR/Qu/ **Surgical Laser System (1470) & Electrosurgical Generator (Bipolar - RF Scalpel - Vessel Sealer)** / 2307 / Office of the Dean, Sir J.J. Group of Hospitals, Mumbai.
Date : 23/06/2026

To, _____
M/s. _____

Sub : Purchase of **Surgical Laser System (1470) & Electrosurgical Generator (Bipolar - RF Scalpel - Vessel Sealer)** for General Surgery Departments of Sir J.J. Group of hospitals, Mumbai 400 008.

Dear Sir,

Sealed quotation is invited to supply the following material for this hospital. Your sealed quotations should be reach this office on or before 03/07/2026

The rate should be quoted for the **Surgical Laser System (1470) & Electrosurgical Generator (Bipolar - RF Scalpel - Vessel Sealer)** specified below. The rate other than the specified will not be considered. Kindly mention **Product MRP, Old RC Rate if any & Rate at which supply is made to Government hospital / BMC / other institute (with supporting documents) in your quotation.** Please quote this office reference on the top of the envelope with due date.

No	Name of Item	Required Qty.	Specification	Total Cost (Including GST)																				
	Surgical Laser System (1470)	01	<p>Technical Specification: Diode Surgical Laser System (1470nm)</p> <p>1. General Description The system is a diode-based surgical laser designed for use in multiple surgical specialities including Proctology, Vascular, Cosmetic, ENT, and Gynaecology. It provides precise, minimally invasive laser energy delivery with stable power output and user safety mechanisms compliant with international standards. The laser shall be indigenously designed and manufactured in India and supported by ISO 13485:2016 certified production and quality systems.</p> <p>2. Laser Source and Optical Specifications</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>Laser Type</td> <td>Diode Laser</td> </tr> <tr> <td>Wavelength Tolerance</td> <td>±10 nm</td> </tr> <tr> <td>Maximum Output Power</td> <td>15 W (980 nm), 12 W (1470 nm)</td> </tr> <tr> <td>Operation Modes</td> <td>Continuous Wave (CW) and Pulse Mode</td> </tr> <tr> <td>Aiming Beam</td> <td>635 nm, ≤20 mW red diode laser</td> </tr> <tr> <td>Beam Delivery</td> <td>Through SMA 905 fiber port</td> </tr> <tr> <td>Compatible Fiber Cores</td> <td>400 μm, 600 μm, and 1000 μm fibers</td> </tr> <tr> <td>Fiber Types Supported</td> <td>Bare Fiber, Radial Fiber, Conical Fiber</td> </tr> <tr> <td>Beam Quality</td> <td>Collimated and uniform for controlled tissue ablation</td> </tr> </tbody> </table> <p>3. Applications ; The system shall support a wide range of clinical and surgical applications including: Proctology</p> <ul style="list-style-type: none"> • Laser Haemorrhoidoplasty (LHP) • Fistula Laser Closure (FiLaC) • Laser Fissure Surgery • Pilonidal Sinus Ablation Vascular • Endovenous Laser Therapy (EVLT) for varicose veins Cosmetic Surgery • Laser Lipolysis and Liposuction (face, neck, abdomen, thigh, arms, etc.) Gynaecology • Laser Vaginal Tightening (LVT) • Stress Urinary Incontinence (SUI) treatment • Hysteroscopic Polypectomy ENT • Tonsillectomy, Nasal Polyp Removal, Turbinate Reduction, Vocal Polyp Excision, and Cholesteatoma Surgery <p>4. Safety and Control Features</p> <ul style="list-style-type: none"> • Fiber detection sensor to prevent misfiring without fiber connection • Emergency stop button on front panel • Key-lock interlock for operational security • Password-protected system access • Over-temperature cutoff protection • Intelligent software-based power monitoring • Compliance with IEC 60601-1, IEC 60601-2, and IEC 60601-2-22 safety standards • Approved by Indian CDSCO / FDA <p>5. User Interface and Operation</p> <ul style="list-style-type: none"> • Color Touchscreen Display with intuitive graphical interface • Predefined clinical settings for proctology, vascular, gynaecology, ENT, and cosmetic surgery • Customizable programs for user-defined procedures • USB connectivity for patient data storage and surgical record transfer • Visual aiming beam for precision targeting • Local and responsive service support for maintenance and calibration <p>6. Electrical and Environmental Specifications</p>	Parameter	Specification	Laser Type	Diode Laser	Wavelength Tolerance	±10 nm	Maximum Output Power	15 W (980 nm), 12 W (1470 nm)	Operation Modes	Continuous Wave (CW) and Pulse Mode	Aiming Beam	635 nm, ≤20 mW red diode laser	Beam Delivery	Through SMA 905 fiber port	Compatible Fiber Cores	400 μm, 600 μm, and 1000 μm fibers	Fiber Types Supported	Bare Fiber, Radial Fiber, Conical Fiber	Beam Quality	Collimated and uniform for controlled tissue ablation	
Parameter	Specification																							
Laser Type	Diode Laser																							
Wavelength Tolerance	±10 nm																							
Maximum Output Power	15 W (980 nm), 12 W (1470 nm)																							
Operation Modes	Continuous Wave (CW) and Pulse Mode																							
Aiming Beam	635 nm, ≤20 mW red diode laser																							
Beam Delivery	Through SMA 905 fiber port																							
Compatible Fiber Cores	400 μm, 600 μm, and 1000 μm fibers																							
Fiber Types Supported	Bare Fiber, Radial Fiber, Conical Fiber																							
Beam Quality	Collimated and uniform for controlled tissue ablation																							

Parameter	Specification
Input Power	210-240 V AC, 50-60 Hz
Power Consumption	≤100 W
Operating Temperature	+10°C to +32°C
Storage Temperature	-10°C to +60°C
Relative Humidity	15%-85% (non-condensing)
Atmospheric Pressure	70-106 kPa
7. Physical Specifications	
Parameter	Specification
Dimensions (W×D×H)	315 × 270 × 135 mm
Weight	≤4.3 kg
Enclosure	Coated Aluminium
Laser Class	Class IV (per IEC 60825-1)
8. Accessories and Optional Components	
<ul style="list-style-type: none"> • Proctology Handpiece (Straight & Curved) • Bare Fibre • Radial Fibre • Conical Fiber 	
9. Compliance and Certification The equipment shall comply with the following:	
<ul style="list-style-type: none"> • ISO 13485:2016 Certified Manufacturing Facility • IEC 60601-1, IEC 60601-2, IEC 60601-2-22 (Safety Standards for Laser Medical Equipment) • CDSCO / Indian FDA Approval 	
10. Warranty and After-Sales Support	
<ul style="list-style-type: none"> • Minimum 1-year comprehensive warranty on equipment • Local service centre support with availability of spare parts • Preventive maintenance as per OEM guidelines <p>In-house (Factory) Laser power validation/ calibration service to be provided using a Laser power meter yearly for the next 3 years.</p>	

अटी व शर्ती

- 1 **Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 **Delivery Period:** 06 weeks from the date of receipt of order by the supplier to the consignee attached.
- 3 **Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after Satisfactory Pre-Dispatch Inspection.
- 4 **Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Dean, Sir J. J. Group of Hospital, Mumbai from the Supplier.
- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation satisfactory commissioning and operation of the machinery.
- 6 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan -** Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **Invoice Copy -** Should be sent in triplicate on the Name of Dean, Sir J. J. Group of Hospital, Mumbai (Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.
- 9 **Other Terms :**
 - 1) **Warranty:** The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
 - 2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.

10

Contract Agreement: Bidder should submit Contract Agreement on non-judicial stamp paper of requisite value.

Fall Clause

It is a condition of the contract that all through the currency there of, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.



Dean

Sir J.J. Group of Hospitals
Mumbai.

N.B.

1. The quotation will be accepted up to 5.00 pm on the working day.
2. The terms and conditions with delivery date should be mentioned.