

**Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER),**

**Dhanvantari Nagar, Puducherry – 605 006**

Institution of National Importance, Ministry of Health & Family Welfare, Government of India

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**DEPARTMENT OF OPHTHALMOLOGY**

Phone: 0413-2296291

Website: www.jipmer.edu

No: JIP/OPHTHAL/L.T/2020-21

Dated: 03.07.2020

To

Dear Sir/ Madam,

**Sub: Supply of Equipment - Limited tender invited**-regarding.

Please quote your lowest rates for supply of **Equipments** listed below: Each equipment tender documents may please be sent in a larger sealed envelope containing two **separate sealed covers (technical bid and price bids separately)**.

SI No	Name of the equipment	
1.	<b>Portable Hand Held Slit lamp- 2 units</b>	<b>Specifications as given below</b>
2.	<b>Handheld Portable Applanation Tonometer- 2 units</b>	
3.	<b>Clinical Specular Microscope</b>	
4.	<b>Ultrasound Biomicroscopy with AB scan</b>	

*Specification*/list of accessories, as enclosed, subject to the following terms and conditions:

1. Rates should be quoted only for the item(s), which are available in stock and can be supplied immediately on receipt of order.
2. Only IGST is applicable
3. No insurance charges are payable as per the rules in the Government. As such, the firms before quoting should take into consideration all the risks in the transit and then furnish limited tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
4. Rates should be quoted FOR Pondicherry. Extra packing, forwarding charges etc. should not be quoted.
5. Delivery is required urgently. Tenders should please state the guaranteed delivery period they can offer. As delivery date is essence of the contract, this should be strictly adhered to, by the successful tender.
6. No supply, which is neither according to the specifications nor meeting our requirement will be accepted.
7. The director shall have the right of rejecting the limited tender in whole or part without assigning any reason therefore.

8. In case of high precision instruments, the firms should give a guarantee certificate for their satisfactory performance.
  9. Limited tender (**Two-Bid**) is called for from **Registered suppliers** only (more than 3 and preferably 10 or more), representing at least three manufacturers.
  10. Technical bids and price bids should be in **two separate sealed envelopes** and both these bids should be placed by the bidder in a **larger separate sealed envelope** at the time of submitting the bid.
  11. Limited tender should be sent only by **SPEED POST or registered post** separately for each equipment proposal. Hand quotations are not accepted.
- Please furnish your limited tender in **the sealed covers** (one large cover containing the two smaller covers for technical bid and price bid separately) super-scribing as

**Larger envelope:**

**Limited tender for Equipment -“Name of the equipment and SI .No –”**

**Enquiry No.: JIP/OPHTHAL/L.T/2020-21**

**Department: OPHTHALMOLOGY**

**Due date: 03/08/2020 up to 4:30PM**

**Smaller envelopes:**

**Limited tender for Equipment -“Name of the equipment and SI .No –”**

**Enquiry No.: JIP/OPHTHAL/L.T/2020-21**

**Department: OPHTHALMOLOGY**

**Due date: 03/08/2020 up to 4:30PM**

**Technical bid/ Price bid (whichever applicable)**

12. Limited tender should reach this office on or **before 03/08/2020**. Tender received after the due date will summarily be rejected.
13. Brand name, model as applicable is to be mentioned for every item quoted.
14. Registered firms only can quote. For registration, contact 0413-2296016.
15. Unless mentioned otherwise, the comparison of the responsive tenders shall be carried out on **Delivery Duty Paid (DDP)** consignee-site basis. The quoted turnkey prices and CAMC or AMC (to be decided by the specification vetting committee before the item is tendered) prices will also be added for comparison/ranking purpose for evaluation. **“Net Present value (NPV)** of the Comprehensive Annual Maintenance charges (CAMC) or Annual Maintenance Contract (AMC) (to be decided by the specification vetting committee before the item is tendered) quoted for 5 or 7 years after the warranty period shall be added to the bid price for evaluation. The NPV will be calculated after discounting the quoted price by a discounting factor of 5% per annum.”
16. Where the tender for an equipment asks for a mandatory AMC, the annual AMC amount used for price comparison will be **2%** of the value of equipment before GST or the actual value of AMC quoted by the firm, whichever is higher. Similarly, when a mandatory CAMC is asked for, the annual CAMC amount will be **5%** of the value of equipment before GST or the actual value of CAMC quoted by the firm, whichever is higher. The above-mentioned percentages are only for the purpose of price comparison, and for calculation of performance security for AMC/CAMC. The order for the CAMC/AMC will be at the actual price quoted in the bid in case the contract is awarded to the bidder. Furthermore, the above-mentioned method of price comparison is applicable only for those firms who have quoted the CAMC/AMC for the period as required in the tender conditions. In case the bidder has not quoted for CAMC/AMC where it has been asked for or has quoted for a period less than that asked for in the tender conditions, the bid will be summarily rejected.
17. If the value of CAMC/AMC **exceeds Rupees one lakh per annum**, a ‘**Performance security**’ for CAMC/AMC must be provided and only after that, the performance security paid for the purchase of the equipment will be refunded. If the value is up to this limit, the initial performance security provided at the time of supply shall extend till first-year CAMC/AMC has been successfully completed. No advance payments will be made towards AMC or CAMC.

18. The performance security paid for the purchase of the equipment will be refunded only after the performance security for the AMC/CAMC for the first year is paid in cases where the AMC/CAMC rate is more than Rupees One lakh per year. If the value of AMC/CAMC is up to this limit, the initial performance security provided at the time of supply shall extend till first-year CAMC/AMC has been satisfactorily completed.
19. Failure to quote for full warranty period and AMC/CAMC will result in rejection. A comprehensive annual maintenance contract (CAMC) will include all spares but not consumables.
20. Failure to quote for 'must-have' criteria also will result in rejection
21. Only companies registered with JIPMER can quote for a limited tender. Unregistered companies can quote for open tender enquiry (single or two envelope system) though.
22. Failure to quote price of BOQ (bill of quantities) items or when it is specifically asked to quote price separately for certain components may result in rejection.
23. Price bid will be compared with all the items including the quantity of BOQ items and optional items asked for. Quote price for a single BOQ item. The department is likely to place order for the quantity mentioned.
24. Failure to quote for optional items will result in rejection. It will be used in price comparison. But the institution reserves the right to buy or not to buy the optional item.
  
25. Tenders/quotation to be addressed to “The Director, JIPMER, Puducherry – 605 006” and mailed to “The Head of the Department, Department of OPHTHALMOLOGY, JIPMER, Puducherry – 605 006”

Yours faithfully,

For Director

**DEPARTMENT OF OPHTHALMOLOGY**

**JIPMER, PUDUCHERRY-06.**

**No: JIP/OPHTHAL/L.T/2020-21**

Due Date	<b>03/08/2020,4.30PM</b>
Tender opening	<b>05/08/2020</b>

**Specifications for Portable Hand Held Slit lamp-2 units**

**Technical specifications:**

1. Should be binocular
2. Should have High Illuminance White LED/Halogen with sharp slit.
3. Filter Function -Should have various filters such as the Cobalt Blue, Green.
4. Battery Drive-Continuous operation should be possible with a battery (in full charged state with maximum illumination).
5. Microscope

Eyepiece X10, X16

Total Magnification X10, X16

6. Illumination

Slit width- 0-11mm or more

Slit length- atleast 10 mm or more

**List of Accessories**

1. Carrying Case 1pc, Battery 1pc, Battery Charger 1pc, Forehead support 1pc, Diopter Adjustment Bar 1pc, Instruction Manual.
2. Spare Battery (1pc) should be provided

**Other tender conditions**

1. The Equipment including all accessories including bought out items should be under WARRANTY for a period of 3 YEARS after successful commissioning.
2. Must have after sales service facility in south India preferably in Pondicherry or in Tamilnadu.
3. User-list of atleast 5 users must be enclosed
4. Should be able to provide demo for final selection.

**DEPARTMENT OF OPHTHALMOLOGY**

**JIPMER, PUDUCHERRY-06.**

**No: JIP/OPHTHAL/L.T/2020-21**

Due Date	<b>03/08/2020,4.30PM</b>
Tender opening	<b>05/08/2020</b>

**Specifications for Handheld Portable Applanation Tonometer**

**Technical specifications:**

7. Should be comfortable to hold and well-balanced
8. Should be easy-to-use, lightweight and have portable design
9. Can be Prism or transducer based or rebound mechanism based pressure measurement system
10. Should be able to measure intraocular pressure in supine position.

**List of Accessories**

3. Carrying Case 1pc, Battery 1pc (if not integrated), Battery Charger 1pc, Forehead support 1pc, Diopter Adjustment Bar 1pc, Instruction Manual.
4. Spare Battery (1pc) should be provided wherever necessary.

**Other tender conditions**

5. The Equipment including all accessories should be under WARRANTY for a period of 3 YEARS after successful commissioning.
6. Must have after sales service facility in south India preferably in Pondicherry or in Tamilnadu.
7. User-list of atleast 5 users must be enclosed.

**DEPARTMENT OF OPHTHALMOLOGY**

**JIPMER, PUDUCHERRY-06.**

**No: JIP/OPHTHAL/L.T/2020-21**

Due Date	<b>03/08/2020,4.30PM</b>
Tender opening	<b>05/08/2020</b>

**Specifications for Clinical Specular Microscope**

**1. Technical Specifications:**

- The system should be easy to operate and have auto image capture mode.
- Should have compact design.
- Should be able to capture corneal endothelial image.
- Should have wide angle photography mode.
- Should have autofocusing and auto alignment to acquire the endothelial image.
- Should have central and peripheral fixation targets.
- Corneal endothelium photography magnification should be possible and photography range should have 0.24 x 0.55 mm
- Should have a big display panel monitor (better than 8 inches) which can be turned to various angles.
- Should have easy to read screen and comprehensive analysis software.
- Should be able to measure Corneal thickness from 400  $\mu\text{m}$  to at least 700  $\mu\text{m}$  with an accuracy of  $\pm 10 \mu\text{m}$
- Should have comprehensive analysis software like corneal thickness (CCT), cell density(CD),coefficient of variation (CV), and percentage of cell hexagonality (HEX).
- Photographic location should be centre and peripheral.
- The autoanalysis time should be quick (less than 2 seconds).
- Should have internal storage to save patient data for follow up.
- Should have LAN, USB, Video output interface
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**2. List of Accessories:**

- Should provide motorised stand.
- Should provide laser printer.
- Should provide suitable online UPS with powerbackup for at least 30 mins.
- Should be operated in 220/240 v ac 50/60 Hz input supply.

**3. Terms and Conditions:**

- Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)
- User-list of at least 5 users (reputed institutions, preferably government) must be enclosed with a proven track record of excellent after sales support for this system.

#### 4. Warranty and After Sales Service:

- The Equipment including all accessories including bought out items should be under WARRANTY for a period of 3 YEARS after successful commissioning.
- Comprehensive maintenance contract rates for 5 YEARS after warranty must be quoted. All spare parts and consumables should be available with supplier or principals for a period of at least 10 years.
- Must have after sales service facility in south India preferably in Pondicherry or in Tamilnadu.
- Unless mentioned otherwise, the comparison of the responsive tenders shall be carried out on **Delivery Duty Paid (DDP)** consignee-site basis. The quoted turnkey prices and CMC (to be decided by the specification vetting committee before the item is tendered) prices will also be added for comparison/ranking purpose for evaluation. “**Net Present value (NPV)** of the Comprehensive Annual Maintenance charges (CMC) (to be decided by the specification vetting committee before the item is tendered) quoted for 7 years after the warranty period shall be added to the bid price for evaluation. The NPV will be calculated after discounting the quoted price by a discounting factor of 5% per annum.”
- When a mandatory CMC is asked for, the annual CMC amount will be **5%** of the value of equipment before GST or the actual value of CMC quoted by the firm, whichever is higher. The above-mentioned percentages are only for the purpose of price comparison, and for calculation of performance security for CAMC. The order for the CMC will be at the actual price quoted in the bid in case the contract is awarded to the bidder. Furthermore, the above-mentioned method of price comparison is applicable only for those firms who have quoted the CMC for the period as required in the tender conditions. In case the bidder has not quoted for CMC where it has been asked for or has quoted for a period less than that asked for in the tender conditions, the bid will be summarily rejected.
- If the value of CMC exceeds Rupees one lakh per annum, a ‘**Performance security**’ for CMC must be provided and only after that, the performance security paid for the purchase of the equipment will be refunded. If the value is up to this limit, the initial performance security provided at the time of supply shall extend till first-year CMC has been successfully completed.
- No advance payments will be made towards CMC.

**DEPARTMENT OF OPHTHALMOLOGY**

**JIPMER, PUDUCHERRY-06.**

**No: JIP/OPHTHAL/L.T/2020-21**

Due Date	<b>03/08/2020,4.30PM</b>
Tender opening	<b>05/08/2020</b>

**Ultrasound Biomicroscopy with AB scan**

**1. Technical specifications:**

The machine should have the following capabilities:

- Posterior Segment Visualization B-Scan
- UBM Wide-Field Anterior Segment B-Scan
- Axial Length Biometry A-Scan
- Standardized Diagnostic Biometry A-Scan

**B-scan mode**

Posterior segment:

Ultrasound Probes: Should have sealed magnetic-drive B-probes with 10 MHz to 20 MHz B-probes with focused transducer(s).

UBM:

Ultrasound Probes: Should have HD magnetic-drive water path probe with 25 MHz to 50 MHz focused transducer(s).

Analysis Tools: Should have angle analysis quantification tool and eye tracking alignment tool.

Accessories: Should have a set of immersion cups included.

Scan specifications:

Scan Settings: Should have selectable scan setting profiles to optimize image quality, including presets for orbit, vitreous body, retina surface, and deep retina / choroid

Scan Sampling: Should have 256-ray scan with >2000 sample points for each ray (> half-million sample points per transducer sweep)

Scan Controls: Should have fully adjustable time-varied gain (TVG), baseline, log gain, and exponential gain (e-gain) and adjustable velocity (for eyes with silicone oil)

Scan Position Indicator: Should have one-click selection of axial or longitudinal scan clock position with eye model confirmation and free-form text for scan position details that auto annotate onto images and video clips.

Video Clips and images: Should capture and store videos and replay in real-time, scalable slow motion, or one frame at a time and store video clips per exam. There should be facility to easily add or remove video clips from exam record. Separately save any number of individual frames from video clips as images, complete with annotation(s).

A-Scan Trace: There should be facility to superimpose arbitrary A-scan trace onto B-scan images.

Measurement: There should be facility to perform unlimited measurements using linear calipers and angle measurement tools.

## A-Scan

Ultrasound Probe: Should have 10-11 MHz A-scan probe

Scan Modes: Should have selectable immersion or direct contact A-scan with manual or automatic capture (cataract, dense cataract, aphakic, pseudophakic and silicone oil modes).

Measurements: Should have auto calculation of axial length, anterior chamber depth, lens thickness, and vitreous length and individual zone velocity selection. Should have axial length average and standard deviation provided for up to 10 scans per exam with on-board calibration.

IOL formulas and selection: Should have the latest Refractive and Post-Refractive IOL Formulas e.g.: Binkhorst, SRK/T, Holladay, Hoffer-Q, Haigis. Should have integrated customizable lens database with selectable user profiles.

Diagnostic A-Scan: May have optional diagnostic A-scan module with diagnostic A-scan probe.

### **2. Hardware Specifications:**

Hardware Features: Should have footswitch control (scan start, scan stop, scan save, etc.). Should have a wide screen, high-resolution monitor, removable hard drive and any Windows compatible printer.

Data Management: Should be able to generate detailed exam reports for printing or exporting. Should have robust data archiving and image export capability. May have customized report capability and DICOM connectivity. May have query / retrieval of modality work list (patient data from Electronic Medical Records - EMR) and storage of DICOM objects to EMR /Picture Archiving and Communication Systems (PACS).

Network and Connectivity: Should have adequate number of USB ports for memory sticks and peripherals. Should have purpose-built Windows embedded operating system. Should be fully networked and printer-ready (gigabit Ethernet).

Power: Should be compatible with 100-240 VAC, 50/60 Hz auto-switching medical-grade power supply.

### **3. Warranty and After Sales Service:**

- The Equipment including all accessories including bought out items should be under WARRANTY for a period of 3 YEARS after successful commissioning.
- Comprehensive maintenance contract rates for 7 YEARS after warranty must be quoted. All spare parts and consumables should be available with supplier or principals for a period of at least 10 years.
- Must have after sales service facility in south India preferably in Pondicherry or in Tamilnadu.
- Unless mentioned otherwise, the comparison of the responsive tenders shall be carried out on **Delivery Duty Paid (DDP)** consignee-site basis. The quoted turnkey prices and CMC (to be decided by the specification vetting committee before the item is tendered) prices will also be added for comparison/ranking purpose for evaluation. "**Net Present value (NPV)** of the Comprehensive Annual Maintenance charges (CMC) (to be decided by the specification vetting committee before the item is tendered) quoted for 7 years after the warranty period

shall be added to the bid price for evaluation. The NPV will be calculated after discounting the quoted price by a discounting factor of 5% per annum.”

- When a mandatory CMC is asked for, the annual CMC amount will be **5%** of the value of equipment before GST or the actual value of CMC quoted by the firm, whichever is higher. The above-mentioned percentages are only for the purpose of price comparison, and for calculation of performance security for CAMC. The order for the CMC will be at the actual price quoted in the bid in case the contract is awarded to the bidder. Furthermore, the above-mentioned method of price comparison is applicable only for those firms who have quoted the CMC for the period as required in the tender conditions. In case the bidder has not quoted for CMC where it has been asked for or has quoted for a period less than that asked for in the tender conditions, the bid will be summarily rejected.
- If the value of CMC exceeds Rupees one lakh per annum, a **‘Performance security’** for CMC must be provided and only after that, the performance security paid for the purchase of the equipment will be refunded. If the value is up to this limit, the initial performance security provided at the time of supply shall extend till first-year CMC has been successfully completed.
- No advance payments will be made towards CMC.

**4. Other tender conditions:**

- Suppliers should have made a large number of installations, within the last five years, in the country in reputed institutions and preferably in AIIMS, PGIMER, with a proven track record of excellent after sales support for this system.
- Should have a serviceable centre in India for probe etc.
- User-list of atleast 5 users must be enclosed.