



**JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION  
& RESEARCH  
(JIPMER)**



**GOVERNMENT OF INDIA**

**(An Institution of National Importance under Ministry of Health & Family  
Welfare)**

**Dhanvantri Nagar, Puducherry-605006**

**LIMITED TENDER ENQUIRY DOCUMENT**

**FOR**

**SUPPLY OF ULTRASOUND BIOMICROSCOPY WITH AB SCAN- 1 UNIT**

**FOR THE**

**OPHTHALMOLOGY DEPARTMENT**

**JIPMER, PUDUCHERRY**

**Dhanvantari Nagar, Puducherry 605006**

**Phone:- 0413-2296291/90 ; Fax:- 0413-2272067/66**

**Email:- [jipmerophthaldept@gmail.com](mailto:jipmerophthaldept@gmail.com) ; URL:- [www.jipmer.edu.in](http://www.jipmer.edu.in)**

**Dated: 07.08.2020**



**JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION and RESEARCH**

(An Institution of National Importance Under Ministry of Health and Family Welfare, Government of India)

Dhanvantari Nagar, Pondicherry-605 006.

Website: [www.jipmer.edu.in](http://www.jipmer.edu.in)

Phone: 0413-2296291



**DEPARTMENT OF OPHTHALMOLOGY**

No: JIP/OPHTHAL/L.T/2020-21/04

Dated: 07.08.2020

**Sub: Supply of Ultrasound Biomicroscopy with AB scan- 1 unit - Limited e-Tender -**  
regarding.

Sl. No	Name of the equipment	Specifications
	<b>Ultrasound Biomicroscopy with AB scan- 1 unit (along with accessories listed)</b>	As given in annexure

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. 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.
3. Rates should be quoted only in INR, FOR Pondicherry inclusive of all duties, insurance charges, packing charges, transportation charge, labour costs etc. except for GST must be indicated separately. Quotations in foreign currency will be rejected.
4. GST as applicable must be quoted separately.
5. Timely delivery is the essence of contract. Tenders should, therefore, state the guaranteed delivery period they can offer, and 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,.
10. Except for commercially off the shelf items the bidder must be a manufacturer or a duly authorized distributor. In the authorised distributor quotes, a copy of the authorisation from the manufacturer agreeing to the tender conditions must be uploaded. Only manufacturer or one authorized representative on their behalf may quote. If the same manufacturer authorizes two or more distributors to quote, then all such bids will be summarily rejected. If both manufacture and authorized distributor quote only the manufacturer's bid will be considered. The bids of the distributor(s) will be rejected. Bids by distributors without

manufacturer's authorisation will also be rejected. Techno-commercial bids and price bids should be uploaded in **the covers meant for each** on the etender portal.

11. Limited tender sent by **SPEED POST or registered post** or any other manner other than on the **e-Tender portal shall not be accepted.**
12. **Brand name, model as applicable is to be mentioned for every item quoted.** Tenders giving vague and incomplete information are liable to be rejected.
13. **Registered firms empanelled for the purpose of this tender only can quote.** New suppliers can apply for registration but can only participate in the next tender.
14. 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 (only AMC or CMC but not both and 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) quoted for 5 or 7 years (period should be specific and unambiguous and to be decided by the specification vetting committee before the item is tendered) 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.”**
15. 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.
16. 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.
17. 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.
18. 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.
19. Price bid will be compared with all the items including the quantity of BOQ items and optional items asked for. Failure to quote for optional items, when asked for, will result in rejection. But the institution reserves the right to buy or not to buy the optional item. Furthermore, there shall be no assurance on purchase of the quantities of items mentioned in the tender.

20. Wherever a “buy back” price is asked for, the same must be quoted separately and will be taken into account for price comparison. However, the institution reserves the right to exercise or not exercise the “buy back” option. Failure to quote the “buy back” price in such cases will result in rejection of the bid.
21. Bidders must ensure that all the documents are properly filled. The bidders must ensure that they submit the **on-line bids** at the portal <https://eprocure.gov.in/eprocure/app> within the scheduled closing date & time. The submission of etenders is as follows:

a. **Techno-Commercial Bid shall be uploaded in the cover named “Fee” in which the following documents must be uploaded**

- i) Scanned copy in pdf format of registration with JIPMER as a registered vendor.

b. **Techno-Commercial Bid shall be uploaded in the cover named “PreQual/Technical” in which the following documents must be uploaded**

- i. Tender document including all pages duly signed and stamped
- ii. Authorization letter for signing tender documents if other than the Owner, Partner, Managing Director and Tender Signing Authority issued by Competent Authority in favour of the person who is digitally signing/ uploading the tender(s).
- iii. Compliance Statement in tabular form as given below to be submitted by the bidder indicating whether the specification are met or not. In case specifications are not met, the extent of deviation should be mentioned in the remarks column.

Sl. NO	Specification	Specification Present/ Absent	Remarks

- iv. 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.
- v. Manufacturers authorization letter if a distributor or agent participates.
- vi. Scanned copy / pdf of brochure confirming the technical specifications of the model offered.
- vii. Scanned copy of the unpriced tender exactly in the format of BOQ excel sheet without mentioning the price, mentioning make model must be uploaded.

**c. Price Bid:**

Prices are to be quoted in the prescribed Price Bid format provided in the e-tender portal using the BOQ template only. The price should be quoted for the **accounting unit** indicated in the e-tender document.

**Note:**

- i) The bidder must be diligent while filling up the Techno-Commercial Bid and Price Bid provided in prescribed formats and must not tamper with the contents of the sheets.
- ii) It is the responsibility of bidder to go through the Tender document to ensure furnishing all required documents in addition to above, if any.
- iii) Bidder must note that the total size of all documents put together in each cover, i.e., Fee Cover and **Prequal/Technical** cover cannot exceed more than 50 MB. Bidder must accordingly scan, and upload only relevant documents scanned at

appropriate resolution.

22. A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrant that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.
23. The tenderers shall submit their tenders as per the instructions contained as above. Tenders shall be uploaded with all relevant tender documents in the prescribed format. The relevant tender documents should be uploaded by an authorised person having Class 3 digital signature certificate.

**24. Additional information and instruction on GST:**

If the Tenderer desires to ask for GST, the same must be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later. The rate of GST quoted in the tender shall be taken for price comparison. However, the rate of GST quoted in the tender or the actual rate of GST applicable, whichever is lower shall be payable by the purchaser. The supplier can charge a higher GST than quoted in the tender only if the rate of GST was revised by the government after the tender closing date.

25. All queries in connection with this tender may be sent to the email address: **jipmerophthaldept@gmail.com**

**26. Important dates:**

Tender documents can be downloaded from	07/08/2020, 06.00 PM
Pre-bid Queries closing date and time	11/08/2020, 12.00 Noon
Bid submission start date and time	12/08/2020, 10.00 AM
Bid submission closing date and time	28/08/2020, 06.00 PM
Tender opening date and time (Technical Bid)	31/08/2020, 11.00 AM
Price bid opening date and time	To be intimated later

Yours faithfully,

For Director

## **Specifications for Ultrasound Biomicroscopy with AB scan**

### **I. Requirements:**

**The Ultrasound Biomicroscopy with AB scan shall consist of**

1. The main equipment – 1 unit
2. **List of Accessories:**
  - a. Probe-12 MHz for B scan-1.
  - b. Probe-20 MHz for B scan-1.
  - c. Probe-50 MHz for UBM-1.
  - d. Probe-10 MHz for biometry A scan-1.
  - e. Cup for Immersion Biometry-14 mm
  - f. Cup for Immersion Biometry -18 mm
  - g. Cups for Ultrasound Biomicroscopy- 19/21/22 mm one each
  - h. Gel tube-250 ml, 5 nos
  - i. Should provide probe holder arm—1 for each probe.
  - j. Should provide Biometry tester- 1.
  - k. Should provide standard cart – 1.
  - l. Should provide laser printer-1.
  - m. Should provide suitable online UPS with power backup for atleast 30 mins- 1.

### **II. Technical specifications:**

The machine should have the following capabilities:

- B – Scan Mode
- A – Scan Mode

#### **1. B-scan mode**

##### **Posterior segment:**

1. Ultrasound Probes: Should have sealed magnetic-drive B-probes with focused transducer(s) (12MHz & 20 MHz).

##### **UBM:**

1. Ultrasound Probes: Should have HD magnetic-drive water path probe with 50 MHz focused transducer(s).
2. Analysis Tools: Should have angle analysis quantification tool and eye tracking alignment tool.
3. Accessories: Should have a set of immersion cups included.

#### **Scan specifications:**

1. Scan Settings: Should have selectable scan setting profiles to optimize image quality, including pre-sets for orbit, vitreous body, retina surface, and deep retina / choroid
2. Scan Sampling: Should have 256-ray scan with >2000 sample points for each ray (> half-million sample points per transducer sweep)

3. 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)
4. 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.
5. 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).
6. A-Scan Trace: There should be facility to superimpose arbitrary A-scan trace onto B-scan images.
7. Measurement: There should be facility to perform unlimited measurements using linear calipers and angle measurement tools.

## **2. A-Scan mode**

1. Ultrasound Probe: Should have A-scan probe (10 MHz).
2. 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).
3. 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.
4. 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.
5. Diagnostic A-Scan: May have optional diagnostic A-scan module with diagnostic A-scan probe.

## **2. Hardware Specifications:**

1. 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.
2. 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).
3. 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).
4. Power: Should be compatible with 100-240 VAC, 50/60 Hz auto-switching medical-grade power supply.

### 3. Safety certification

Should have safety certificate from a competent authority **CE issued by a notified body registered in the European commission / FDA (US)**

### 4. Past experience

User list indicating that the supplier/ manufacturer have sold the equipment to at least 5 users (reputed institutions, preferably government) must be enclosed with a proven track record of excellent after sales support for this system.

### 5. Warranty and After Sales Service:

1. The Equipment including all accessories including bought out items should be under **WARRANTY** for a period of 3 **YEARS** after successful commissioning.
2. 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.
3. Must have after sales service facility in south India preferably in Pondicherry or in Tamilnadu.
4. The comparison of the responsive tenders shall be carried out on **Delivery Duty Paid (DDP)** consignee-site basis. The quoted turnkey prices and CMC prices will also be added for comparison/ranking purpose for evaluation. “**Net Present value (NPV)** of the Comprehensive Annual Maintenance charges (CMC) quoted for 5 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.”
5. 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.
6. 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.



**CHECK LIST FOR SUBMISSION OF TENDER**  
**(To be filled by the tenderer and submitted along with the bid)**

<b>Sl. No.</b>	<b>Particular</b>	<b>Yes / No</b>
1	Tender Form duly signed and stamped	
2	Scanned copy in pdf format of registration with JIPMER as a registered vendor	
3	Authorization letter for signing tender documents if other than the Owner, Partner, Managing Director and Tender Signing Authority issued by Competent Authority in favour of the person who is digitally signing/ uploading the tender(s)	
4	Compliance Statement for specifications in tabular form	
5	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.	
6	Manufacturers authorization letter if a distributor or agent participates.	
7	Scanned copy / pdf of brochure confirming the technical specifications of the model offered.	
8	Scanned copy of the unpriced tender exactly in the format of BOQ excel sheet without mentioning the price, mentioning make model must be uploaded.	

I/We certify that the information furnished above is true and correct. The terms and conditions are acceptable to us and have the authority to bid a tender.

Signature of the owner/Managing Partner/Director

Name:

Seal :

Date :

Place: