

AUTO KERATOMETER WITH REFRACTOMETER, Qty. 1 no.

Part A

SECTION – 1: Qualifying Criteria

The BIDDER has to compulsorily meet the Qualifying criteria indicated in SECTION 1 to get qualified otherwise the technical offer will not be considered.

S. No.	PARTICULARS	BIDDER's RESPONSE
1.1	Only those Bidders (OEMs) should quote, who have supplied and commissioned at least 2 numbers of Auto keratometer with refractometer, in the past 5 years (as on the initial date of opening of Tender).	
1.2	The Bidder should submit atleast one Performance certificate from any of the customers for the satisfactory performance of the Auto keratometer with refractometer supplied.	
1.3	BHEL reserves the right to verify the information provided by the vendor. In case the information provided by the vendor is found to be false/ incorrect, the offer shall be rejected.	

SECTION 2: The BIDDER is requested to provide the following information:

S. No.	PARTICULARS	BIDDER's RESPONSE
2.1	Number of Auto keratometer with refractometer supplied and commissioned till date, in India and other countries	
2.2	List of customers to whom Auto keratometer with refractometer were supplied and commissioned till date.	
2.3	Year of Launch of the Model quoted against this enquiry.	
2.4	Details on SERVICE-AFTER-SALES Set-Up in India including the Addresses of Agents / Service Centres in South India.	

Handwritten signature
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SECTION 3: The BIDDER to note:

The BIDDER has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser:

S. No.	REQUIREMENTS	BIDDER's RESPONSE
3.1	The BIDDER shall submit the offer in Two Parts 1. Technical [with PART A & PART B] & 2. Commercial and Price Bid.	
3.2	The BIDDER's RESPONSE against each clause in PART A & B of the offer should be filled by the BIDDER compulsorily with complete details.	
3.3	The BIDDER shall assure a continuous support for Spares and Service for 5 Years, from the date of commissioning of the equipment at BHEL Works.	
3.4	The Technical Offer shall be supported by Product Catalogue and Data Sheets in original and complete technical details / literature on the quoted models	
3.5	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid, for confirmation.	


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Part B - Technical Specification

S No	BHEL Specification			Bidder's offer with technical details
1	Purpose: The equipment is intended for continuous measurement of Keratometry and Refractometry values		Bidder to confirm	
2	Type: Automatic.		Bidder to confirm	
3	Refractometry measurement			
3.1	Sphere(SPH)	-25D to +20D (When VD=12mm) Increments:0.12D and 0.25D)	Bidder to confirm	
3.2	Cylinder(CYL)	0D to $\pm 10D$ (increments:0.12D and 0.25D)	Bidder to confirm	
3.3	Axis(AX)	1° to 180° (Increments: 1°)	Bidder to confirm	
3.4	Cylinder Form indication	-, +, $\pm$	Bidder to specify	
3.5	Minimum measurable Pupil Diameter	2.0 mm	Bidder to confirm	
3.6	Vertex Distance (VD)	0.0, 12.0, 13.5 mm	Bidder to confirm	
3.7	Pupil Distance (PD) measurement	30 to 85mm (Increments:1mm)	Bidder to confirm	
4	Keratometry measurement			
4.1	Radius of Curvature	5 to 10 mm (Increment: 0.01mm)	Bidder to confirm	
4.2	Refraction Index	1.3375	Bidder to confirm	
4.3	Corneal Power	33.75 to 67.5D (Increments 0.05/0.12/0.25D)	Bidder to confirm	
4.4	Corneal cylinder power/Astigmatism	0D to 10D	Bidder to confirm	
4.5	Corneal Diameter	2.0 to 12mm (increment: 0.1mm)	Bidder to confirm	
5	Inbuilt Memory	For storage of measurement data.	Bidder to confirm and provide details	
6	Inbuilt Printer	Details of the printer paper to be provided and quoted	Bidder to confirm and provide details	
7	Display size	6 inch or above	Bidder to confirm and provide details	

S No	BHEL Specification			Bidder's offer with technical details
8	Chinrest adjustable height	30 – 50 mm	Bidder to confirm and provide details	
9	Data Output	USB, Video Terminal, Bluetooth etc.	Bidder to specify	
10	Accuracy of measurement.		Bidder to specify	
11	Working distance for the patient.		Bidder to specify	
12	Measurement of contact lens with model eye.		Bidder to provide details	
13	Storing of patient records through USB-pen drive/SD card.		Bidder to provide details	
14	All types of safety alarms available in the offered equipment to be described		Bidder to specify	
15	Make and model.		Bidder to specify	
16	Overall Dimensions of the equipment in mm.		Bidder to specify	
17	Weight of the equipment in kg.		Bidder to specify	
18	Ambient Operating temperature for safe operation of the instrument to be provided		Bidder to specify	
19	All standard accessories provided along with the equipment to be listed down along with the offer		Bidder to specify	
20	Input power cable along with to be supplied along with the equipment		Bidder to confirm	
21	Input Power supply: 220-240V, 50 HZ AC power supply will be available at BHEL		Bidder to note	
22	Instruction manual in English language to be supplied. Hard copy – 1 set Soft copy in CD – 1 no.		Bidder to confirm	
23	The equipment shall be offered for inspection by BHEL at vendor works prior to despatch		Bidder to confirm	
24	Installation, commissioning of the equipment shall be done by vendor's representative at BHEL hospital.		Bidder to confirm	
25	Training on operation of the equipment to BHEL staff shall be imparted by the vendor's representative		Bidder to confirm	
26	The equipment shall be guaranteed for a period of 12 months from the date of commissioning or 18 months from the date of despatch whichever is earlier.		Bidder to confirm	


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