



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>  <b>NOTICE INVITING TENDER</b>	Phone: +91 431 257 76 53 Fax : +91 431 252 00 31 Email : <a href="mailto:skaruna@bheltry.co.in">skaruna@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
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TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	<b>2621500026</b>	<b>26.10.2015</b>	<b>16.11.2015</b>

You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

**Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.**

Item	Description	Quantity
10	<b>A and B Scan</b> as per the technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	<b>01 No.</b>

### Important points to be taken care during submission of offer

1. The Checklist for Acceptance of Commercial Terms & Conditions to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

**BHEL's General guidelines / instructions (refer MM/CE/GENL/001/EMD) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under above Enquiry reference**

Tenders should reach us before 14:00 hours on the due date.  
Tenders will be opened at 14:30 hours on the due date.  
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present.

Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**

  
Sr. Engineer / MM / Capital Equipment

**OPHTHALMIC ULTRASOUND SCANNER (A & B SCAN) – Qty: 1 no.**

**PART A: QUALIFYING CRITERIA**

<b>S NO</b>	<b>DESCRIPTION</b>	<b>VENDOR'S RESPONSE</b>
1	Number of such equipment supplied & commissioned during last 5 years.	
2	Number of such equipment supplied & commissioned during last 10 years.	
3	Bidder to provide the list of customers to whom the offered equipment is supplied in the last 5 years  Bidder has to provide at least one performance certificate from any of the customers to whom they have supplied the offered equipment in the last five years and is working satisfactorily for at least one year from the date of supply.	
4	Servicing centres to be available in India. Details on Service-After-Sales Set-Up (preferably in Tamil Nadu), to be furnished.	
5	The Bidder shall assure a continuous support for Spares and Service for the equipment for 10 years.	
6	BHEL reserves the right to verify the information provided by the Vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	

  
**Dr. FRANCIS THERESA ANITA**  
Ophthalmologist  
Senior Medical Officer  
Medical, BHEL, Trichy - 14.

**OPHTHALMIC ULTRASOUND SCANNER (A&B SCAN) QTY.1 NO.  
PART B - TECHNICAL SPECIFICATION**

S NO	BHEL REQUIREMENTS	VENDOR'S REPLY (with supporting documents)
1.0	<b>Application:</b> A&B ultrasound ophthalmic scan with immersion and contact type probe and real time image viewing is intended for measurement of axial length, anterior chamber depth and lens thickness of the eye, calculating the optical power of the IOL to be implanted during cataract surgery, imaging the internal structure of the eye including the opaque media and posterior pathology for the purpose of diagnosing pathological or traumatic conditions in the eye.	
2.0	<b>A SCAN - MODE</b>	
2.1	Solid focussed probe with frequency of minimum 10 Mhz.vendor to confirm/vendor to specify	
2.2	Following formulae with IOL power calculations and analysis:	
2.2.1	Holladay	
2.2.2	SRK-T	
2.2.3	<b>Optional</b> : Haigis/Hoffer-Q	
2.3	Image depth: Vendor to specify	
2.4	Scan mode: Automatic or Manual. Vendor to specify	
3.0	<b>B SCAN - MODE</b>	
3.1	Sealed probe with frequency of minimum 10 Mhz. vendor to confirm/specify.	
3.2	Axial & Lateral resolution: Vendor to specify	
3.3	Scanning angle should be: around 45 degrees. Vendor to specify	
3.4	Image depth: Min.35mm Vendor to specify	
3.5	Image acquisition rate: min 25 frames per second. Vendor to confirm/specify	
3.6	Movie sequence capture feature. Vendor to specify	
3.7	Distance and area measurement. Vendor to specify	
3.8	Vector A scan measurement. Vendor to specify	
3.9	Print feature. Vendor to specify	
3.10	Operating system - Vendor to specify	

Dr. FRANCIS THERESA ANITA, M.B.B.S., D.O.  
Specialist  
Main Hospital  
BHEL, Trichy - 14.

*Francis*

4.0	Display: TFT or LCD or LED monitor screen size. Vendor to specify or the system should be compatible to Laptop or Desktop monitor	
5.0	The offered system shall have CE or FDA certification	
6.0	Zoom level: Vendor to specify	
7.0	Memory: Vendor to specify the storage capacity in GB	
8.0	Weight of the equipment. Vendor to specify	
9.0	The equipment shall have provision for connecting to 230V, 50 Hz AC input power supply through a suitable adapter - Vendor to confirm	
10.0	<b>Operation and Instruction manuals</b> (in English) for the equipment shall be supplied in both hard copy - 3 sets and soft copy - 1 No. in CD or pen drive	
11.0	<b>Commissioning:</b> The supplier has to train BHEL doctors. The equipment shall be considered as commissioned only after successful demonstration of all features and prove out	

  
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