

# DR B. BOROOAH CANCER INSTITUTE

Gopinath Nagar, Guwahati-781016

A grant in aid institute of Department of Atomic Energy, GOI

And a unit of TATA Memorial Center, Mumbai

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NO. BBCI-TMC/EOI/RFA/953/2025

Dated: 19-03-2025

## **INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR 3D RADIATION FIELD ANALYZER SYSTEM WITH ACCESSORIES**

The Director, Dr. B. Borooah Cancer Institute, Gopinath Nagar, Guwahati-781016 invites **Expression of Interest (EOI)** from Original Equipment Manufacturers (OEM) or Authorized Agent/Distributor for procurement of 3D Radiation Field Analyzer system with accessories for Dr. B. Borooah Cancer Institute.

The 'Eligibility Criteria' and 'Scope of Work' and other terms and conditions are available on BBCI website [www.bbcionline.org](http://www.bbcionline.org).

Director, BBCI reserve the right to reject any or all the proposal without assigning any reason.

### **Tender (EOI) Details:**

EOI Number	No. BBCI-TMC/EOI/RFA /953/2025
EOI Date	19-03-2025
Name of the Item	<b>3D Radiation Field Analyzer system with accessories</b>
Mode of Submission of EOI Document	Offline/Online mode (For online submission e-mail ID: <a href="mailto:capitalequipcell@bbci.tmc.gov.in">capitalequipcell@bbci.tmc.gov.in</a> )
Tender Processing Fee	NIL.
EMD	NIL
Tender Documents for download and view	BBCI-TMC website <a href="https://www.bbcionline.org">https://www.bbcionline.org</a> <b>for download and viewing.</b>
Due date and time of submission of tender	On 28/03/2025 till 02.30 pm
Submission of EOI document	EOI can be submitted either online ( <a href="mailto:capitalequipcell@bbci.tmc.gov.in">capitalequipcell@bbci.tmc.gov.in</a> ) or physically in drop box before the stipulated time. Complete documents required to be submitted.
Date and time for Presentation	Interested vendors may present their technology with prior approval from the competent authority at 3:00 PM in the conference hall, 2 <sup>nd</sup> Floor, Administrative Block, Dr. B. Borooah Cancer Institute on 28-03-2025.
Date of opening of Financial Bids of qualified bidders	Not Applicable
Tender Validity	1 year.

BBCI- TMC shall not be responsible in any manner for whatsoever reasons, for delayed submission of the tender/ late submission of the tender.

*13/19 19/3/25*

**Chief Administrative Officer  
DR. B. BOROOAH CANCER INSTITUTE**

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Dr. B. Borooah Cancer Institute, Gopinath Nagar, Guwahati is seeking **Expression of Interest (EOI)** from Original Equipment Manufacturers (OEM) or Authorized Agent/Distributor for procurement of **3D Radiation Field Analyzer system with accessories** for the use at Dr. B. Borooah Cancer Institute. The objective of the EOI is to solicit interest from interested entities so that they are shortlisted based on the instructions contained in this document.

## 1. Purpose and Scope of Work:

Radiotherapy treatment outcome is directly related to the accuracy in the delivered dose to the patient which is dependent on the accuracy of beam data used in the treatment planning process. These data are obtained during the commissioning of the teletherapy units and are treated as the baseline data for clinical use. The intended instrument is required for acceptance, beam data commissioning and periodic quality assurance checks of Medical Linear Accelerators and Telecobalt units and facilitate proper functioning of the radiotherapy department.

### **Detailed Technical Specifications:**

The proposed instrument must meet the following technical criteria:

1. 3D Radiation Field Analyzer including scanning water tank, lift table, water reservoir, compatible with electrometer and Laptop Computer to operate/control the RFA with all essential detectors and accessories for full functioning of the system.
2. Single channel reference class electrometer with digital display, for absolute dosimetry with compatible connectors.
3. Detectors (with valid calibration certificate in terms of absorbed dose to water from SSDL or PSDL) [waterproof]:
  - Farmer type Ion chamber.
  - Cylindrical small volume ion chambers.
  - Plane parallel ionization chamber for electron beam dosimetry.
  - Shielded diode & unshielded diode.
  - Ion chambers for absolute and relative small field dosimetry.
4. Build-up caps for farmer type chamber and for other cylindrical chambers (suitable for Co-60  $\gamma$ -ray beam and 6MV, 10MV and 15MV X-ray beams).
5. Universal Dosimetry Cables compatible with all the above detectors, electrometer & Radiation field analyzer (length  $\geq 20$  m).
6. Calibrated thermometer and barometer.

## 2. Eligibility Criteria:

- i. Vendor should have experience of supply, installation and commissioning of 3D Radiation Field Analyzer system with accessories at different Government/PSUs/ Autonomous Institutions in India.
- ii. Local Service Support: Should have local office and service support/service engineer for attending the breakdown calls.
- iii. Please submit the technical data sheet along with the brochure as a tender document with reference to the offered make & model.
- iv. Must submit User List and performance report/ testimonial for existing user for the same quoted model.

**Note:** Documents establishing the participant's eligibility as above should be submitted along with EOI.

**3. Arbitration:**

If any dispute arises out of the transaction in any manner that shall be resolved by the sole arbitrator which shall be mutually appointed by both the parties. Award given by such sole arbitrator shall be final and binding on both the parties. The arbitration shall take place in Guwahati and language used shall be English. The Arbitration and Conciliation Act, 1996 and the Rules framed there under shall apply.

13/9/25

**Chief Administrative Officer  
DR. B. BOROOAH CANCER INSTITUTE**

(USE COMPANY LETTER HEAD)

**RESPONSE TO EXPRESSION OF INTEREST (EOI) FORM**

To,  
The Director,  
Dr. B. Borooah Cancer Institute  
Gopinath Nagar, Guwahati-781016

**Sub: Expression of Interest (EOI) for 3D Radiation Field Analyzer system with accessories.**

Dear Sir,

Having examined the details given above in Invitation to EOI and terms set out above, we hereby submit the relevant information for considering our EOI.

- i. We accept all the terms and conditions of EOI as set out above.
- ii. We hereby certify that all the statements made and information supplied in the enclosed documents and accompanying statements are true and correct.
- iii. We have furnished all information and details necessary for EOI. Our EOI is complete in all respects.
- iv. We have submitted all necessary documents in support of our eligibility, experience

Signed of the Authorized Representative  
Seal of Application

Enclosures:

1. EOI Response Form (Annexure-A)
2. Vendor Capability Form (Annexure-B)
3. Check list for Response Submitted (Annexure-C)
4. -----
5. -----

## DR B BOROOAH CANCER INSTITUTE

**VENDOR CAPABILITY FORM**

Ref: Tender No:

Date:

1. Name of the Item / Work	
2. Due Date of the submission of the tender / Bid	
3. EMD Receipt No., Date & Amount	
4. Name / Title of the Bidder	
5. Full Address (Recent)	
a. Tel. No & Mobile No. (Recent)	
b. E-Mail (Recent)	
6. Name of the person authorized to deal / undertake business for and on behalf of the bidder	
a. Tel. No & Mobile No. (Recent)	
b. E-Mail (Recent)	
7. Legal entity of the bidder whether Firm / Society / Company / Other entity	
a. Registration No.	
b. Authority with whom registered	
c. License No. granted by	
8. Main business of the bidder whether Manufacturer, Business Distributor, Wholesale Dealer, Retail trader or Service Agent	
9. Authorized Area of operation in India	
10. Name of the Principal Organization / Company for and on behalf working in India	
11. Origin of the Principal Organization / Company	
12. Address of the Principal Organization / Company	
a. Contact Person Name:	
b. Designation:	
c. Tel. No. & Mobile No.:	

d. Fax:	
e. E-Mail:	
13. Bank Details (Attached Cancelled Cheque):	
a. Bank Name, Branch & Address	
b. Bank Account No.	
c. IFSC Code	
d. MICR Code of the Bank	
e. Account Type	
14. Authority / Delegation / License No. & Date granted by the principal to the representative bidder	
15. PAN No.	
16. Registration No. granted by Central Excise Commissioner for Service tax	
17. GST No.	
18. HSN & SAC code of the product:	
19. Import / Export Code No.	
License No. for import	
20. Any other relevant information for submission	

I, certify that the above information is correct & true to the best of my knowledge and belief. Nothing has been concealed and fabricated and in case any information is found incorrect then I, the under signatory will be personally responsible.

**Signature**

**Date:**

**Name of authorized person for bidder with seal**

**EOI CHECK LIST**

Response to Expression of Interest (EOI) to supply, installation and commissioning of **3D Radiation Field Analyzer system with accessories.**

Sr. No	Particulars	Response (Please write Yes/No)
1.	Submitted the Response to Expression of Interest form duly filled. (Annexure A)	
2.	Submitted the Vendor Capability Form (Annexure B)	
3.	Submitted experience details of supply, installation and commissioning of <b>3D Radiation Field Analyzer system with accessories</b> at different Government/PSUs/ Autonomous Institutions in India.	
4.	Submitted local service support details.	
5.	Submitted <b>technical data sheet along with the brochure</b> as a tender document with reference to the offered make & model.	
6.	Submitted User List and performance report/ testimonial for existing user for the same quoted model.	

**Signature**

**Date:**

**Name of authorized person for bidder with seal**