

ASSAM GOVERNMENT-IITG HEALTHCARE FOUNDATION

CIN: U85300AS2022NPL023684 REG

at

5th Floor, Research Park, IIT Guwahati, North Guwahati, Guwahati-781039, Kamrup Rural, Assam, India

Email Id: procurement@agihf.org

Web Page: <https://www.agihf.org>

Ph: 0361-2910509

REQUEST FOR BID - RFB

For supply of components for a single low-field MRI unit

RFB No: AGIHF/RFB/SUPPLY/2025-26/003 Dated 03.07.2025

ASSAM GOVERNMENT-IITG HEALTHCARE FOUNDATION (AGIHF)

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Online bids are invited in a two-bid system from eligible firms/ manufacturers for supply of components for a single low-field MRI unit to Assam Government IITG Healthcare Foundation (AGIHF).

CRITICAL DATES/ INFORMATION

Published Date & Time	03.07.2025 at 04:00 P.M.
Bid Document Download/Sale Start Date	03.07.2025 at 05:00 P.M.
Seek Clarification Start Date	04.07.2025 at 04:00 P.M.
Seek Clarification End Date	10.07.2025 at 5:00 P.M.
Pre-Bid Meeting Date & Time	11.07.2025 at 11:00 A.M.
Pre-Bid Meeting Place & Address	Online/Offline hybrid meeting at Office of AGIHF, 5 th Floor, IIT Research Park, IIT Guwahati Link of the meeting will be shared at the website https://www.agihf.org
Bid Submission Start Date & Time	18.07.2025 at 10:00 A.M.
Bid Submission End Date & Time	31.07.2025 at 03:00 P.M.
Technical Bid Opening Date & Time	01.08.2025 at 11:00 A.M.
Financial Bid Opening Date & Time	To be intimated
Tender Processing Fees	Rs 2000 to be paid online
EMD/ Bid Security	Rs 2 Lakh to be paid online

Assam Government IITG Healthcare Foundation (AGIHF), invites bids for **supply of components for a single low-field MRI unit** as per details mentioned in the **Annexure-I**, attached herewith. The bids are to be submitted **ONLINE** as per 'Instruction to Bidders', 'Terms & Conditions' and Annexure-I, II, III, IV, and V on or before **31.07.2025 at 15:00 HRS**.

Kindly read the RFB document carefully before participating. It shall be deemed that submission of bid by the bidder has been done after their careful study and examination of the RFB terms with full understanding to its implications. Any lack of information shall not in any way relieve the bidder of its responsibility to fulfill its obligations under the Bid.

AGIHF has the right to reject a proposal for award if it is determined that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, the Purchase Order. Fraudulent Practice means a misrepresentation of facts in order to influence a procurement process and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive AGIHF of the benefits of free and fair competition. Corrupt Practice means offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of this purchase execution.

INSTRUCTION TO BIDDERS

01. Mode of bid: The complete bidding process is online.

02. Submission of bids: Bids are to be submitted through online to the website <https://assamtenders.gov.in> in **Two Covers**, one in Technical Cover & the other is Financial Cover before the prescribed date and time using the Digital Signature Certificate (DSC). The documents duly digitally signed are to be uploaded.

02.1. Technical Bid: The technical Cover should contain scanned PDF copies (Single pdf file for multiple pages and documents) of the following in two folders. The seal and signature of the authorized official of firms must appear on all the papers uploaded.

02.1.A. Fee/Technical Documents:

- i. EMD and Tender Processing Fees has to be submitted online in the Assam e-Procurement Portal within the period of bid submission
- ii. Compliance certificate [**Annexure -II**]
- iii. Manufacturer's Certificate in case of manufacturer or Manufacturer Certificate along with Authorized Dealership Certificate on the offered products in case of Agent or Dealer.
- iv. Details of the technical features of the offered item in the format at **Annexure-I**
- v. Standard Technical leaflet/literature of the item offered
- vi. ISO/ISI Certificate or any equivalent or higher certification and Proof of Certification as per specification
- vii. Warranty Details.

02.1.B. Other Important Documents (OID):

- i. Bidder's detail and its Service Centre detail as per format at **Annexure-III**
- ii. Character certificate (Undertaking as per prescribed format at **Annexure-V** that currently the vendor is not blacklisted by any govt. organization/institution)
- iii. GST Registration Certificate.
- iv. PAN Detail and TIN number
- v. Banker's Detail
- vi. List of reputed organizations/institutions and other Government Organization where similar orders have been executed, if any (copy (s) of the Purchase Orders and Installation certificates will have to be uploaded).

02.2. Financial Cover: The financial Cover should contain Bill of Quantities (BOQ) **in excel format**. The bidder is to quote the rate in the space marked for quoting rate in the BOQ. Only downloaded copy with same file name of BOQ document must be uploaded by the bidder after filling up.

03. Evaluation of Process:

03.1. Opening of Technical Cover: Technical Documents will be opened by the Purchase Committee members using Digital Signature Certificate (DSC).

03.2. Cover for Fee/Technical Documents (Ref. Sl. No. 02.1.A) and cover for Other Important Documents (Ref. Sl. No. 02.1.B.) will be opened. If there is any deficiency/discrepancy in the Documents, the bidder will summarily be rejected.

03.3. Decrypted (transformed into readable formats) documents of the covers will be downloaded and handed over to the Purchase Committee.

03.4. Summary list of technically qualified bidders will be uploaded online.

03.5. During evaluation the Committee may summon the bidders and seek clarification/information or additional/shortfall documents with respect to any of the documents/materials already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

03.6. The Financial offer of the prospective bidder will be considered only if the Technical Bid of the bidder is found qualified by the Purchase Committee.

04. Award: The Final Award will be given to the vendor, selected by the Purchase Committee on the lowest quote basis.

05. Communication: A bidder requiring any clarification or elucidation on any issue of the RFB may take up the same with the purchaser through the e-Procurement Portal only (<https://assamtenders.gov.in>). The purchaser will respond through e-Procurement Portal to such request provided the same is uploaded within the time schedule mentioned in "Critical Date Sheet"

06. Intending bidders are advised to visit the Assam E-Procurement Portal: <https://assamtenders.gov.in> regularly till the closing date of submission of bid, for any corrigendum.

TERMS & CONDITIONS

01. Rates: Rates quoted should be on **F.O.R** Assam Government IITG Healthcare Foundation (AGIHF), **IIT Guwahati**, basis and on **DOOR DELIVERY PAID** basis **till the site of location at** Assam Government IITG Healthcare Foundation (AGIHF), with break-ups as per BOQ. Failing to provide as per BOQ, bid may not be accepted.

02. Validity of Bid: Quoted rates must be valid for **120 days** from the last date of submission of bid.

03. Warranty: Please refer to Annexure I (Technical Specifications).

04. Literature a must: All the bids must be supported by technical leaflet/literature and the specifications mentioned in the bid must be reflected/ supported by such technical leaflet/ literature. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.

05. After Sales Service: The bidders should clearly state the detail address, contact number and email ids of after sales service center in India in Bidder's Details under Statutory Cover as at **Annexure-III** without which their offers shall be liable for rejection.

06. Dealership Certificate: Dealers or Agents quoting on behalf of Manufacturer must upload valid dealership certificate.

07. Quality Certificates: Valid certificate to prove that the products are genuine and of international standard, as mentioned below, must be uploaded: (a) Manufacturer's certificate; (b) ISO/ISI certificate.

08. Earnest Money: An Earnest Money Deposit (EMD) for ₹200000.00 (Rupees Two Lakh only) has to be submitted online in the Assam e-Procurement Portal within the period of bid submission as per facility available in the e portal. EMD is exempted for Micro and Small Enterprises (MSE) as per rules.

i) EMD Forfeiture: The EMD may be forfeited:

- If a firm/ manufacturer withdraws its bid during the period of bid validity
- If a firm/ manufacturer indulges in corrupt or false practices or if it comes to the notice that the information/documents furnished in its bid are incorrect, false, misleading or forged without prejudice to other rights of the purchaser
- In case of a successful bidder, EMD will be forfeited without prejudice to other rights of the Purchaser if it fails to furnish the required performance security within the specified period.

ii) Refund of EMD: Except in case of successful firm/ manufacturer, EMD of the unsuccessful Third-Party Agency would be returned as per office memorandum no FEB.269/2017/27 dated 21.08.2019 issued by the Finance Department, Govt. Of Assam.

09. Performance Bank Guarantee: The successful bidder, to whom the PO is placed, shall furnish an unconditional Performance Bank Guarantee @5% of the PO value from a scheduled Bank of India, within 21 days of placement of order. The format for PBG, unless otherwise approved by the competent authority, shall be as per the format enclosed at **ANNEXURE-IV**. In case of foreign purchase, the local Agent shall submit the PBG, where the PBG is to be necessarily given by a foreign bank, it shall be endorsed by its counterpart in India. Validity of the PBG, which shall be effective from the date mentioned therein, shall be **warranty period + 2 months**.

In exceptional case or on the request of the Indenting Officer competent authority may allow starting of PBG Period from the date of installation, in which case submission of PBG valid for **warranty period + 2 months** may be made within 21 days from the date of installation.

i) By submitting the PBG, the vendor is understood to have guaranteed that,

- (a) The Purchase Order (PO) shall be executed as per terms and conditions mentioned therein.
- (b) The equipment shall function satisfactorily for a period up to 60 days after the warranty period.
- (c) The equipment and components are free from poor workmanship, bad quality, and faulty designs.
- (d) The vendor shall at his/their own cost rectify/replace the defects, if any, during the guarantee period.

ii) Condition for invoking PBG: In case of failure to comply with the guarantees above, AGIHF may terminate the contract / purchase order in whole or in part and forfeit the PBG. In addition, AGIHF may, at its discretion, procure upon such terms and in such manner as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier/vendor shall be liable to compensate AGIHF for any extra expenditure involved.

10. Delivery:

a) Time Limit: Maximum within 45 days from the date of issue of purchase order.

b) Safe Delivery: All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of Client's representative and vendor's representative and shall be video recorded. The intact condition of the package and the seal/indicators for not being tampered with shall form the basis for certifying the receipt in good condition.

c) Insurance: The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery **at the site of Assam Government IITG Healthcare Foundation (AGIHF), IIT Guwahati**

d) Part Delivery: Part delivery is not allowed.

e) Penalty Delay Delivery: The date of delivery should be strictly adhered to otherwise the AGIHF reserves the right not to accept delivery in part or full.

11. Genuine Pricing: Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to Institutes and other Government Organization. Copy of the latest price list for the quoted item, applicable in India, must be uploaded with the offer.

12. Conditional tenders not acceptable: All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Printed conditions mentioned in the tender bids submitted by vendors will not be binding on AGIHF.

13. GST Inward Permit & Entry Tax:

- (a) GST Inward Permit: GST Inward Permits (Way bills) shall be issued as applicable for delivery of materials against receipt of Final Invoice/ Bill.
- (b) Entry Tax: Assam Govt. Entry Tax [to be paid by AGIHF, not by the vendor], wherever applicable, will be added while evaluating cost status of the concerned equipment to be supplied by vendors from outside the State of Assam.

14. GST:

- (a) GST Registration Certificate indicating also the GSTIN number of the firm must be clearly mentioned in the bid, Certificates must be uploaded.
- (b) GST Deduction at source as per Order/notification of the Govt. of India will be applicable.
- (c) GST No of AGIHF is 18AAXCA7198M1ZG.

15. Late and delayed tender: Late and delayed tender will not be considered.

16. Payment to Local supplier: 100% Payment within 45 days from the date of successful delivery & acceptance of goods at AGIHF, IIT Guwahati, generally through RTGS / NEFT.

17. Penalty for delayed delivery: The date of delivery should be strictly adhered to. In the event of delayed delivery, installation & commissioning, the vendor shall be liable for a penalty deduction at a percentage of the value of the undelivered equipment subject to a maximum of 10% (ten percent) as detailed below:

- @ 1% up to one week;
- @ 2.5% up to two weeks;
- @ 5% up to three weeks;
- @ 10% for four weeks and above

For the purpose of this clause, part of the week is considered as a full week. In case of delayed delivery, AGIHF reserves the right not to accept the subject consignment.

18. Enquiry during the course of evaluation not allowed: No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative (AGIHF) can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same.

19. Acceptance of bids: The acceptance of the bid will rest solely with the COO, AGIHF.

20. Force Majeure: If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- I) Any law, statute or ordinance, order action or regulations of the Government of India,
- II) Any kind of natural disaster, and
- III) Strikes acts of the public enemy, war, insurrections, riots, lockouts, sabotage.

21. Termination for default: Default is said to have occurred

(a) If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.

(b) If the supplier fails to deliver any or all of the goods within the time period(s) specified in the purchase order or any extension thereof granted by AGIHF.

(c) If the supplier fails to perform any other obligation(s) under the contract.

(d) Under the above circumstances AGIHF may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, AGIHF may at its discretion also take the following actions: AGIHF may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate AGIHF for any extra expenditure involved towards goods and services obtained. Besides, AGIHF reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor.

22. Applicable Law:

(a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Guwahati only.

(b) Any dispute arising out of this purchase shall be referred to the COO, AGIHF Guwahati, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties. The decision of such Arbitrator shall be final and binding on both the parties.

**Tender Inviting Authority,
Assam Government IITG Healthcare
Foundation (AGIHF)**

ANNEXURE – I**TECHNICAL SPECIFICATIONS**

RFB No: AGIHF/RFB/SUPPLY/2025-26/003

Dated 03.07.2025

Technical Specifications of components for a single low-field MRI unit.

1. Hardware – Front end

The front end includes B0 field generation, Gradient and RF coils and Shim system if applicable.

a. Permanent B0-field Magnet

Parameter	Specification
Type	Permanent Halbach Array
Field Strength	50 mT
Homogeneity	1000 ppm in FoV
Field of View	220 mm - 260 mm
Shielding Type	No shielding
Shimming	Passive Shimming
Applications	Head only

b. Gradient Coils (Generalized)

Parameter	Specification
Number of Axes	3 (Gx, Gy, Gz)
Gradient Efficiency	≥ 0.3 mT/m/A
Gradient Linearity	< 10% over 20 cm DSV
Inductance per Axis	$\leq 500 \mu\text{H}$
Resistance per Axis	$\leq 10 \text{ Ohm}$
Cooling Mechanism	Passive (air-cooled); optional forced air for continuous operation
Cross-Talk Between Axes	< -30 dB
Mounting Geometry	Cylindrical or open saddle-type
Thermal Monitoring	Min 1. integrated temperature sensors per gradient coil
Shielding	Not required or passive; eddy current minimized
Connector Type	LEMO or SMA industrial connectors

c. RF Coils (Generalized)

Parameter	Specification
Frequency	2.13 MHz
Impedance	50 Ohm
Q Ratio	> 10
Channels	Single TxRx
Applications	Head
Decoupling	Passive
RF shielding	Faraday cage shielding

2. Hardware – Backend

The backend includes all amplifiers, the spectrometer and all current sources and interfaces to execute an MR acquisition using the front-end components.

a. RF Amplifier

Parameter	Specification
Frequency of Operation	2.13 MHz \pm 0.05 MHz
Bandwidth	\pm 50 kHz minimum
Shape of RF Pulses	Rectangular (see spectrometer specifications), Sinc, Gaussian
Gain Variations (Flatness)	\pm 0.5 dB over the bandwidth
Output Power (Peak)	Min. 100 W
Desirable output power (Peak)	Up to 300 W
Duty Cycle	\leq 10%
Typical Gain	45-55 dB
Class of Operation	AB
Efficiency	\geq 40%
Nominal Input and Output Impedance	50 Ohm
Input VSWR	\leq 1.5:1
Output VSWR	\leq 2.0:1
Power AC supply mains input	230 V/50 Hz
Amplifier protection parameters	Temperature, current, reflected power

b. Gradient (Bi-polar programmable) Current Source

Parameter	Specification
Max Volt output per channel	200 V
Short circuit current	50 A
Current control	Closed loop
Max current channels	3 parallel
Others	Digital Interface for Synchronization with RF spectrometer
	Input for PulseSeq Files

c. RF spectrometer (Output & Input)

Parameter	Specification
Output	
Type of RF Pulses	Rect, Sinc, Gaussian
Frequency	2.13 MHz \pm 0.05 MHz
RF Pulse Width	Min 4 μ s, Max 3 ms
Output Power	5 dBm
Stability	Better than \pm 10 ppm
Input Impedance	50 Ohm
Harmonics	< -20 dBc
Output Noise	< -65 dBm/Hz unblanked

Spurious Noise	< -40 dBc
Input	
Signal Frequency	2.13 MHz
Number of Channels	1
Bandwidth	Programmable ± 100 kHz
Digitizer	14/16-bit ADC
Dynamic Range	80 dB
Minimum Detectable Signal	Better than -110 dBm
Noise Floor	-115 dBm
DDC Resolution	<1 Hz
Output	I/Q Digital Data
Interface	TCP/IP

3. Software Specifications

a. Software Features

Parameter	Specification
Reconstruction FOV	1 cm to 26 cm
Pulse Sequence Interface	Pulseq
Raw Data Interface	ISMRMRD
DICOM Compatibility	3.0
Viewers	Basic, DICOM, 3D
Imaging	GRE and SE, T1w, T2w and DWI
Scan Orientations	Axial, Sagittal, Coronal
Software Interface	Python
Accessibility	Raw Data as received by ADC
OS	Windows
Prescan	Standard routines included (Frequency adjustment, FA calibration)

Warranty: One (1) year from the date of receipt of materials.

ANNEXURE -II**COMPLIANCE CERTIFICATE**

RFB No: AGIHF/RFB/SUPPLY/2025-26/003

Dated 03.07.2025

Certify that we have carefully examined the RFB terms and fully understood its implications and do hereby agree to comply with all the terms, and hereby submit this compliance certificate.

Sl. No.	General Terms and Conditions	Yes / No
01	Details of the technical features of the offered equipment vis-à-vis RFB specification	
02	Rates quoted as per instruction	
03	Standard Technical literature on each of the items offered	
04	Warranty period agreed	
05	Valid ISO/equivalent certificate provided	
06	Validity period of quoted rate agreed	
07	EMD submitted (as applicable)	
08	PBG term agreed	
09	Delivery terms agreed	
10	Certificate of Up-to-date Sales Tax clearance, GST Registration Certificate provided	
11	Payment term agreed	
12	Penalty clause for delay agreed	
13	Literature- Printed Literature with highlight and tag on the quoted item provided	
14	Manufacturer/Authorization certificate submitted	
15	Quality certificate as claimed submitted	
16	After Sales Service term agreed and detail address & contact provided	
17	Not blacklisted by any Govt. Organizations/Institutions	

Sign.

Vendor M/s.....

Official seal of the vendor

Your Ref No.:

ANNEXURE-III
BIDDERS DETAIL

RFB No: AGIHF/RFB/SUPPLY/2025-26/003

Dated 03.07.2025

Sl. No.	Name of the company/Firm	To be filled by vendor (Documentary Proof must be attached as applicable)
01	Registered office Name & Address Details of contact person Name designation Telephone number e-mail	
02	Name & Address of service center in India Contact person/s Name designation Telephone number e-mail Details with contact no. of staff who will be involved in this project.	
03	Is the company/firm a registered company/firm? If yes, mention year and place of the establishment of the company and submit documentary proof.	
04	Is the company/firm registered for GST? If yes, submit valid registration certificate.	
05	List the major clients with whom your organization has been associated and submit documentary proof/PO.	

Note: Document/s if attached to the RFB compliance Certificate the same may be referred to in the remark column above.

Sign.....

Vendor: M/s.....

Official seal of the vendor

ANNEXURE-IV

PERFORMANCE BANK GUARANTEE

To:

The Chief Operating Officer
Assam Government IITG HealthCare Foundation (AGIHF)
Guwahati- 781039

WHEREAS (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No:, dated: 20... to supply
..... (Description of Goods and Services) hereinafter called "the order".

AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the order and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. This guarantee is valid until theday of 20.....

Signature and Seal of Guarantors

.....
.....
.....
Date.....20....
Address:.....
.....
.....

All correspondence with reference to this guarantee shall be made at the following address:

The Chief Operating Officer
Assam Government IITG HealthCare Foundation (AGIHF)
5th Floor, IIT Research Park, Indian Institute of Technology
Guwahati- 781 039, Assam

ANNEXURE-V

UNDERTAKING REGARDING BLACKLISTING / NON - DEBARMENT

[on the letter head of the Bidder]

Kind Attention:

[location, date]

Assam Government IITG Healthcare Foundation – AGIHF

RFP No.

We hereby confirm and declare that we, M/s -----, is not blacklisted/ De-registered/ debarred by any Government department/Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For -----

Authorized Signatory

Date