

Organization Name	Indian Institute of Geomagnetism, New Panvel
Tender No.	IIG/Tender-12/2025
Type of Organization	Central Autonomous Research Institute
Product Category	Fabrication of custom designed model of payload for sounding rocket experiment.
Tender Type	Limited Tender
EMD	Not Applicable
Performance Security	Not Applicable
Tender Value	Rs. 4,90,000.00 (Rs. Four Lakh Ninety Thousand Only)
Location	Indian Institute of Geomagnetism Plot No. 5, Sector – 18, Kalamboli Highway, New Panvel, Navi Mumbai –410 218
Last date for Submission	02/06/2025 up to 14:00 Hrs
Opening Date	02/06/2025 On 16.30 Hrs
Contact	In-Charge Purchase & Stores Section
Email	iig.pso.stores@iigm.res.in
Telephone	022-27484093
Fax	022-27480762



भारतीय भूचुम्बकत्व संस्थान

Indian Institute of Geomagnetism

(एक स्वायत्त अनुसंधान संस्थान, विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार)

(An Autonomous Research Institute, Department of Science and Technology,
Government of India)

Telephone : 022 – 2748 4000
FAX : 022 – 2748 0762

Address: Plot No. 5, Sector-18,
Kalamboli Highway, New Panvel,
Navi Mumbai 410218

Email : iig.pso.stores@iigm.res.in

Website: www.iigm.res.in

TENDER FOR

**Fabrication of custom designed model of payload for
sounding rocket**

Tender No. IIG/Tender No-12/2025

TENDER DOCUMENT

AT

INDIAN INSTITUTE OF GEOMAGNETISM (AN AUTONOMOUS RESEARCH INSTITUTE,
DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA)
PLOT NO.5, SECTOR-18, KALAMBOLI HIGHWAY,

INVITATION FOR TENDER FOR PCB DESIGN AND DEVELOPMENT

Limited tender is invited in single sealed covers (Technical and Commercial Offers) from experienced firms/vendors/ companies for fabrication of custom designed model of payload for Sounding Rocket project:

Payload Design

The validity of the bid should be at least Twelve months or more from the date of the opening of the tender. Please ensure that your quotation reaches not later than **02.05.2025 at 14 : 00 Hrs.** at the following address:

In Charge Purchase & Stores

Indian Institute of Geomagnetism,

Plot No. 5, Section 18 Kalamboli Highway,

New Panvel, Navi Mumbai 410218

Tender Reference	Tender No IIG/Tender No -12/2025
Last Date and Time for submission of tender document	02.06.2025 Time: 14: 00 Hrs
Time and Date of Opening of Bids	02.06.2025 Time 16 : 30 Hrs
Address of Communication/Opening of bid	Indian Institute of Geomagnetism Navi Mumbai
Contact for technical queries Email	+91-22-2748-4093 iig.pso.stores@iigm.res.in

Fabrication Contract Terms & Conditions

1. Design Compliance

All fabricated items shall strictly conform to the specifications outlined in the provided CAD design files. Deviations from the approved designs are prohibited without prior written authorization.

2. Scope of Work

The vendor shall bear full responsibility for all aspects of fabrication, including but not limited to:

- Procurement of raw materials
- Precision machining and assembly
- Timely delivery to the designated location
- Execution of ancillary tasks essential to project completion.

3. Technical Coordination

The vendor shall conduct on-site visits to IIG facilities as required for component-specific fabrication planning and coordination. All travel/logistical costs shall be borne by the vendor unless otherwise agreed in writing.

4. Design Verification Protocol

No fabrication activities may commence until the vendor obtains design verification approval from the intender. This includes formal confirmation of material specifications, tolerances, and functional requirements.

5. Modification & Re-fabrication Obligations

The vendor is required to incorporate all design modifications and undertake necessary re-fabrication of components as directed by the intender as and when required. Associated costs for revisions due to design changes shall be borne by the vendor\ or may be negotiated separately.

6. Payment Terms

- Payment shall be released in tranches tied to milestones against each invoice.
- Invoices must be submitted with supporting documentation (e.g., material receipts, inspection reports).

7. Intellectual Property (IP) Rights

- All CAD designs, technical data, and modifications remain the exclusive property of IIG.
- The vendor agrees not to reuse, replicate, or disclose IIG's designs to third parties without written consent

8. Confidentiality

The vendor shall sign a non-disclosure agreement (NDA) and safeguard all proprietary information shared during the contract term and [3years] thereafter.

9. Subcontracting Restrictions

Subcontracting any portion of the work requires prior written approval from IIG. The vendor remains liable for subcontractor performance.

10. Post-Delivery Support

The vendor shall provide [3 months] of technical support post-delivery for assembly, integration, or troubleshooting.

Pricing:

1. Please provide a detailed item-based pricing structure for each of the items mentioned in Annexure-II.
2. The financial bid must clearly include the detailed price breakdown and all costs incurred. Once the financial bid is submitted, no future negotiation on pricing shall be entertained.

Submission Guidelines:

Interested service providers are invited to submit a detailed proposal that includes the following:

1. Company profile highlighting relevant Experience at least for one year.
2. Provide an overview of expertise in fabricating similar items at least one PO copy from Govt. Department cost minimum 1.5 lakh to be submitted.
3. Clear breakdown of pricing, including any additional services offered in separate financial format.
4. Bidder profile in the format given as annexure 1 with supporting documents.
5. Technical and financial bids should be submitted in an envelope with tender for parole design and development.

Tender Details

Tenders are to be submitted in prescribed tender form in sealed envelope mentioning **“Fabrication of custom designed model of payload for sounding rocket”**

To,
The Director,
Indian Institute of Geomagnetism,
Kalamboli Highway, New Panvel,
Navi Mumbai : 410 218.

on or before the 02.06.2025 Time: 14 : 00 Hrs.

- 1) Interested firms those hiring any technical query, Please Contact
In-Charge Purchase & Stores Tele No. 022 – 2748 4093
between 10.00 a.m. to 5.00 p.m. for any clarification
- 2) The tender document may be downloaded from website <http://www.iigm.res.in>. The tender document shall not be issued by post.
- 3) The validity of the tender will be 90 days from the date of opening of Price bid.
- 4) Last date / Time and place for submission of sealed tender.
Last Date of submission :02.06.2025 upto 14: 00 Hrs
Opening of Tender :02.06.2025 by 16.30 Hrs

Tenders will be opened as indicated in the presence of the Tenderers or their authorized representatives, who wish to be present. If the date of opening of the tenders does not materialize due to the reasons beyond our control, the same will be opened on the next working day at the same time and place.

- 5) Any bid received by IIG New Panvel after the deadline for submission of bids prescribed by IIG New Panvel, will be summarily rejected and returned unopened to the Bidder. IIG New Panvel shall not be responsible for any postal delay or non-receipt / non-delivery of the documents. No further correspondence on this subject will be entertained.

Proforma for Tenderer's Profile

Information about Tenderer (To be submitted along with the Tender):

1. Name of the Firm:
2. Registered Address:
3. Contact Phone Number (s):
4. Telephone Number:
5. Whether the Firm a:
 - i) Central /State Government Undertaking:
 - ii) Sole Proprietary Company or Partnership Firm/(P) Ltd. Company:
6. Name of Sole Proprietor OR Names of Partners/Directors:
7. Name of person authorized to sign Tender Bid & negotiate and the capacity in which he is Authorized:
8. Permanent Account Number (PAN):
9. Engaged in the Business of Manufacture/Supply of the items since when:
10. Annual Turnover for last two years quantity of work-wise: + in number of executed Work Orders + the Bill Amounts.
11. A list (with full addresses) of prominent organizations where the bidding firm have undertaken similar supplies.
12. Vendor's last two years financial details (audited balance sheets/turn over etc.)
13. Tender documents signed and stamped on each page.

Sd/-

Annexure - II

To prepare 2 identical sets of the payload consisting following fabricated items in mentioned quantities are required.

Sr. No	Items	Material	Quantity	Compliance
01.	Telescopic Boom Set	Carbon Fiber/Glass Fiber	08	
02.	Boom Mounting C Clamp	Aluminium	08	
03.	Boom holding pivot Cup	Aluminium	08	
04.	OVM Mount	Aluminium	08	
05.	Payload Base Plate	Aluminium	02	
06.	Spherical Ball (Sensor)	Aluminium	08	
07.	Nut and Bolts	Titanium & Aluminium	100	
08.	Boom Locking Clip and Notch	Aluminium	08	
09.	Black Anodization of all aluminium parts	-	02	
10.	Additional Deck for the rotating Platform	Wood/Aluminium	01	
11.	High torque (40 Nm) closed loop stepper motor with controller (NEMA35)		01	
12.	Miscellaneous machining and Fabrication work		01	
13.	Rework/repair Of items listed above	Wood/Aluminium	05	