

संगठन का नाम	भारतीय भूचुंबकत्व संस्थान
निविदा क्र.	भाभूसं/निविदा/एलई/02/2023
संगठन की किस्म	अनुसंधान केंद्र
उत्पाद श्रेणी	प्रयोगशाला उपकरण
निविदा की किस्म	दो बोलियां
निविदा की लागत	रु. 8,50,000.00
इएमडी	रु. 25,500.00
निष्पादन सुरक्षा	निविदा की लागत का 3%
स्थान	भारतीय भूचुंबकत्व संस्थान प्लॉट क्रं.5, सेक्टर-18, कलंबोली हाइवे, न्यु पनवेल, नवी मुंबई – 410 218
प्रस्तुत करने की अंतिम तारीख	14 अगस्त 2023 को 15.00 बजे
निविदा खोलने की तारीख	14 अगस्त 2023 को 15.30 बजे
संपर्क	प्रभारी क्रय एवं भण्डार अनुभाग
ई-मेल	iig.pso.stores@iigm.res.in
दूरध्वनि	022-27484093

Organization Name	Indian Institute of Geomagnetism, New Panvel
Tender No.	IIG/Tender/LE/02/2023
Type of Organization	Research Centre
Product Category	Laboratory Equipment
Tender Type	Two BID
Tender Value	Rs. 8,50,000.00
EMD	Rs. 25,500.00
Performance Security	3% of the value of the order
Location	Indian Institute of Geomagnetism  Plot No.5, Sector-18, Kalamboli Highway,  New Panvel, Navi Mumbai – 410 218
Last date for Submission	14 August 2023 upto 15:00 PM
Opening Date	14 August 2023 on 15:30 PM
Contact	In-charge Purchase & Stores Section
Email	iig.pso.stores@iigm.res.in
Phone	022-27484093

# **TENDER DOCUMENT**

**TENDER No. IIG/TENDER/LE/02/2023**

**for**

**Purchase of BGO Scintillator Detector  
with Photomultiplier Tube  
for**

**Indian Institute of Geomagnetism**

**IIG**

**New Panvel**



**INDIAN INSTITUTE OF GEOMAGNETISM (IIG)**  
**(An Autonomous Organization of the Dept. of Science & Technology)**  
**Plot No. 5, Sector 18, New Panvel (w), Navi Mumbai 410218**  
**Tel : 022-27484000**

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## I. INVITATION FOR BID

**Indian Institute of Geomagnetism  
Plot No. 5, Sector 18, New Panvel (w),  
Navi Mumbai 410 218  
Tel : 022-27484000**

**Tender Notice No. IIG/TENDER/LE/02/2023**

**Dated: 14/07/2023**

Indian Institute of Geomagnetism, New Panvel, invites sealed tender bid in two parts bid system viz. Technical and Commercial bid separately, from eligible and reputed manufactures and / or their authorized dealers for supply of BGO Scintillator Detector with Photomultiplier Tube, as specified in Schedule of Requirement.

The above tender document is also available on our Institute web site [www.iigm.res.in](http://www.iigm.res.in) and [www.eprocure.gov.in](http://www.eprocure.gov.in)

The tender document shall not be issued by post. The details are given below:

Tender reference	
Earnest money deposit	Rs.25,500/- or equivalent to any currency to be submitted along with the tender, by a crossed Demand Draft/Bank Guarantee in favor of The Director, Indian Institute of Geomagnetism, New Panvel.
Closing date for submission of the tenders	14/08/2023 upto 15.00 hrs.
Opening of the technical bids	14/08/2023 at 15.30 hrs.
Preference to Make in India	DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and any amendments thereon and should also Comply with Make in India Order No.P-45021/112/2020-PP (BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.

The representatives attending the tender opening should bring an authorization letter from the respective tenderer. Technical specification, terms and conditions and format for submitting the tender bid are described in the tender document and its Annexures. It is mandatory to bid all items asked for, in the tender.

Technical bids will be opened in the presence of attending tenderers on the specified date and time. The tenderers attending the opening of the tenders will sign a register of attendance. Commercial bids will be opened only for those bidders, who qualifies evaluation of technical bids. Short-listed vendors will be invited to be present for opening of the commercial bids.

The Director, IIG reserves the right to reject any or all the tenders without assigning any reason.

**Registrar**

## II. INSTRUCTIONS TO VENDORS

### 1. Two Bid System Bid

There should be two separate bids (Technical and Commercial). Technical and Commercial bid must be separately sealed, super scribed, stamped and then submitted together in a big envelope. Failure in fulfilling this condition will disqualify the tender. The tender must be submitted on or before 15.00 hrs on 14/08/2023 at the address given below.

In-Charge Purchase & Stores Section  
Indian Institute of Geomagnetism  
Plot No. 5, Sector - 18  
Kalamboli Highway  
New Panvel  
Navi Mumbai – 410 218

**The envelopes must be super-scribed with the following information:**

- Type of Bid (Technical or Commercial)
- Tender Reference Number
- Due Date
- Name of Vendor

**Bids received after due date and time are liable to be rejected**

#### **ENVELOPE-I (Technical Bid): 1 set**

The Technical bid should be complete in all respects and contain all information asked for, **EXCEPT THE PRICES AND COMMERCIAL INFORMATION**. The technical bid should cover all items asked in Technical bid format. The Technical bid should be complete to indicate that all products and services asked for are quoted. For example, the Technical bid should mention that Extended warranty/AMC charges are included in the Commercial Bid, without mentioning the actual amount.

#### **ENVELOPE-II (Commercial Bid): 1 set**

The Commercial Bid should give complete price/cost information and should not, contradict the technical bid any manner. It should also contain the Extended warranty/AMC charges, if applicable.

Price break up for Local content (to be attached with Commercial bid in case of Two Bids) for Class-I or II Local suppliers (Make in India) in the form of Annexure-G, if applicable.

### 2. Earnest Money Deposit and security Deposit

- (a) The Vendor shall deposit along with the Tender Rs. 25,500/- (Rs. Twenty five thousand five hundred only) or equivalent to any currency by way of Demand Draft/Bank Guarantee, which would be retained by the Institute as Security Deposit for the due and faithful fulfillment of the contract by the successful Vendor. This Security Deposit shall be refunded to the Vendor, after submission of the Performance Bank Guarantee, on complete and satisfactory execution of the order.
- (b) The EMD/Security Deposit will not bear any interest.
- (c) The EMD paid by the unsuccessful Vendors will be refunded to them without bearing any interest, after finalization of the tender.
- (d) Firms registered with MSME/NSIC with valid certificate duly issued by GOI are exempted for submitting EMD. No other type of certificate is accepted.

3. **Non-transferable Tender**

This tender document is not transferable.

4. **No Commitment to Accept Lowest or Any Bid**

IIG, New Panvel, Navi Mumbai shall be under no obligation to accept the lowest or any of the bids received in response to this tender and reserves its right to reject any or all bids including incomplete bids without assigning any reason whatsoever. IIG, New Panvel, Navi Mumbai is not obliged to meet and have discussions with any vendor and / or to entertain any representations.

5. **Clarification of Bids**

To assist the scrutiny, evaluation and comparison of bids, IIG, New Panvel, Navi Mumbai may, at its discretion, ask some or all vendors for clarification on the bids submitted by them. The request for such clarifications and the vendor response shall necessarily be in writing only.

6. **Preliminary Scrutiny**

Bids not meeting the qualification criteria will be rejected.

IIG , New Panvel, Navi Mumbai will scrutinize the bids received to determine whether they are complete and as per the tender requirement. Whether the technical documentation as asked for and required to evaluate the bid has been submitted, whether the documents have been properly signed, and whether items are bidden as per the tender requirements. IIG, New Panvel, Navi Mumbai shall have the right, at its discretion, to waive any minor non-conformity or any minor irregularity in the bid if it is in the larger interest of the Institute. This waiver shall be binding on all the vendors and IIG, New Panvel, Navi Mumbai reserves right for such waivers.

7. **Modification and Withdrawal of Bids**

Vendors may modify or withdraw their bids any time before the last date and time specified for receipt of bids. No bid shall be allowed to be modified after the closing date and time for submission of bids.

8. **Order Cancellation**

IIG reserves its right to cancel the order in the event of one or more of the following conditions

1. Delay in delivery beyond the specified period for delivery.
2. Serious discrepancy in Hardware noticed during the delivery/installation.
3. If, performance of the equipment not found satisfactory by the Technical Committee.

In addition to the cancellation of the purchase order, IIG reserves the right to appropriate the damages from the vendor.

9. **Submission of Technical Details**

It is mandatory to provide the technical details in the exact format of **Annexure A** as given in this tender.

**The bid may not be evaluated by IIG, New Panvel, Navi Mumbai** in case of non-adherence to the format or partial submission of technical information.

**IIG, New Panvel, Navi Mumbai** shall not allow/permit changes in the technical specifications by the vendors once submissions are submitted and tenders opened. The relevant product information, brand and model number bidden, printed product brochure, technical specification sheets etc. should be submitted along with the bid. Failure to submit this information along with the bid could result in disqualification.

10. **Opening of Technical bid**

Technical bids received within the prescribed tender closing date and time will be opened in the presence of vendor's representatives who choose to attend the opening of the bid on the specified date and time in this tender document. The vendor's representatives present shall sign a register of attendance. The representative attending the tender opening should bring an authorization letter from the respective Tenderer.

11. **Erasures or Alterations**

The bids containing erasures or alterations are liable to be rejected. Technical details must be completely filled up. Correct technical information of the product being bidden must be provided. Filling up of the Technical Details Form (Annexure A) using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. IIG New Panvel, Navi Mumbai may treat bids as not adhering to these guidelines as unacceptable.

12. **Make, Models & Part numbers**

It is mandatory to provide make, model and part numbers of all items and their subcomponents as asked in the technical specification. The bid may not be evaluated and/or will be liable for rejection in case of non submission or partial submission of make, model and part numbers of the items bidden. **Please note that substituting required information by just brand name is not enough.**

13. **Documentation**

Brochures/Manuals/CD/Technical specifications etc. in support of the technical compliance must be submitted.

14. **Short-listing of Vendors**

IIG, New Panvel, Navi Mumbai will prepare a short-list of technically qualifying vendor and commercial bids of only these vendors will be opened. IIG New Panvel, Navi Mumbai will intimate the date and time of opening of commercial bids only to the vendors whose bid is technically acceptable.

15. **Commercial bid validity**

The bid should hold good for a period of 90 days from the date of the opening of the commercial bid.



16. **Fixed Price**

The bid shall be on a fixed price basis, inclusive of all taxes and levies. No price variation should be asked for relating to increase in customs duty, dollar price variation etc.

17. **Payment terms**

The payment of contract shall be made in the currency specified in the bid in the following manner:

1. Payment for imported items will be made by way of Wire Transfer or irrevocable Letter of Credit /sight draft.
2. The letter of credit will be valid upto delivery period.
3. Any amendments and consequent charges should be borne by the supplier.
4. The letter of credit will be allowed 21 days between shipment and negotiation dates for air freight shipment.
5. Payment 90% will be made on supply of material and 10% after installation and successful commissioning of the systems and submission of Performance Bank Guarantee.
6. Payment will be made on receipt of goods through Wire Transfer or LC/sight draft after commissioning, installation and satisfactory working report from the concerned scientist and receipt of Bank Guarantee for 3% of order value towards performance security to be valid for a period of 1 year beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
7. All Bank charges in connection with Letter of Credit/sight draft outside India will be to the supplier's account.

18. **Cost and Currency**

IIG is a scientific institute of the Department of Science & Technology, Government of India, and is exempted from payment of customs duty. The bid must be made in any currency on FOB basis and also in CIP Mumbai values by air-freight. The air-freight and insurance charges should be indicated separately in commercial Bid. The bid should be inclusive of the standard manufacturer warranty.

The shipment should be made to IIG, address. Vendors are required to provide IIG, New Panvel, Navi Mumbai with a Proforma Invoice, banker's details etc., once the purchase order is placed for the purpose of opening of Letter of Credit (LC).

19. **Support capability in India**

Bidder should provide detailed information regarding their after sales support infrastructure in India such as authorized dealer office address and contact details.

20. **Force Majeure**

The vendor shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that it's delay in performance or other failure to perform its obligations under the contract is the result of an event of force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Vendor and not involving the vendor's fault or negligence and not foreseeable. Such events may include, but are not limited to, Acts of God or of public enemy, acts of Government of India in their sovereign capacity, acts of war, either in fires, floods, strikes, lock-outs and freight embargoes.

If a Force Majeure situation arises, the Vendor shall promptly notify IIG in writing of such conditions and the cause thereof immediately. Unless otherwise directed by IIG in writing, the Vendor shall continue to perform his obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

In such a case, the time for performance shall be extended by a period(s) not less than duration of such delay. If the duration of delay continues beyond a period of three months, IIG and the vendor shall hold consultations with each other in an endeavor to find a solution to the problem. Notwithstanding the above, the decision of IIG shall be final and binding on the vendor.

21. **Format for Technical Bid**

The Technical bid should be made in an organized, structured and neat manner and should not contain any price information. Brochures/leaflets etc. should not be submitted in loose form. All the documents submitted for technical bid must be duly signed and stamped by the vendor.

The format for submission of technical bid is as follows:

1. Index of the documents enclosed.
2. Covering letter as per **Annexure C** on Vendor's letter head.
3. EMD of Rs. 25,500/- (Rs. Twenty five thousand five hundred only)
4. Technical compliance of the quoted model as per specifications given in **Annexure A**.
5. Details of the vendor, as per **Annexure D**.
6. Manufacturer's Authorization Form (if applicable) as per **Annexure E**.
7. Warranty details.
8. Technical Documentation (Product Brochures, leaflets, manuals etc.).
9. Software details.
10. Vendor's two years Financial Details (audited balance sheets/turn over etc.) and other supporting financial documents.
11. Details regarding support capability in India.
12. Client list with details, of the quoted model supplied to research organization in the last 3 years.
13. Tender documents including the above should be signed and stamped on each page.

22. **Format for Commercial Bid**

The commercial bid must not contradict the technical bid in any manner. The format for submission of Commercial bid is as follows:

1. Index of the documents enclosed
2. Commercial bid as per Annexure B. This must contain all price information.
3. Undertaking by the vendor on agreement of payment terms given in the tender.

23. **Purchase Preference**

Purchase preference to local suppliers as per Make in India procurement policies of Govt. of India shall be given as per provisions specified in III (Preference to Make in India) and as per DPIIT order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 of Ministry of Commerce and Industry, Government of India and any amendments thereon and should also Comply with Make in India Order No.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.

### **III. TERMS AND CONDITIONS**

1.

#### **Qualification Criteria**

- a. The bidder/manufacture should furnish the details of supplies made for similar BGO Scintillator Detector with Photomultiplier Tube in the last three years to the scientific organization along with certificate regarding satisfactory functioning of the instrument.
- b. The instrument specifications must be as per the Annexure-A

2.

#### **Country of origin**

- a. All Goods and service supplied under the contract shall have their origin in the member countries and territories eligible under the rule.
- b. For the purpose of this clause, "origin" means the place where the Goods are mined, grown and produced or from which services are supplied. Goods are produced when through manufacturing, processing or substantial and major assembling of components, commercially recognized new product results that is substantially different in basic characteristic or in purpose or utility from the components.
- c. The origin of Goods and service is distinct from the nationality of the supplier.

3.

#### **Manufacturer's Authorization form**

Vendors, other than the manufactures must submit a letter of authority from their principals that they have been authorized to quote on behalf of the manufacturer as per Annexure E.

4.

#### **Softwares and Manuals**

The vendor will supply all the related documentation and software. These will include but not restricted to user manual, operation manual, operating system, other relevant software, etc.

5.

#### **Warranty**

The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.

All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.

The warranty will commence from the date of installation of equipment and acceptance of the same by IIG, New Panvel, Navi Mumbai.

The Purchaser shall give notice to the Supplier stating the nature defects if any, together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

Upon receipt of such notice, the Supplier shall, within a reasonable period of time expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

If having been notified, the Supplier fails to remedy the defect within a reasonable period of time; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

**6. Performance Bank Guarantee**

Successful bidder is required to give a Performance Bank Guarantee to the tune 3% of order value valid for warranty period by way of Demand Draft.

**7. Spare parts**

The vendor will make the parts for the systems available to IIG for a further period of at least three years after completion of warranty period. If any of the peripherals / components is not available during/after the warranty period, the substitution shall be carried out with peripherals/components of equivalent or higher grade.

**8. Indemnity**

The vendor shall indemnify, protect and save IIG, New Panvel, Navi Mumbai against all claims, losses, cost, damages, expenses action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of BGO Scintillator Detector with Photomultiplier Tube supplied by him.

**9. Insurance**

The BGO Scintillator Detector with Photomultiplier Tube supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IIG, New Panvel, Navi Mumbai.

10. **Guarantees**

The vendor should guarantee that the BGO Scintillator Detector with Photomultiplier Tube delivered to IIG, New Panvel, Navi Mumbai is brand new, including all components. In the case of software, the vendor should guarantee that the software supplied to IIG, New Panvel, Navi Mumbai is licensed and legally obtained. All hardware and software must be supplied with original and complete printed documentation.

11. **Delivery**

The vendor should deliver BGO Scintillator Detector with PMT to IIG, New Panvel, Navi Mumbai

12. **Right to Alter Quantities**

IIG, New Panvel, Navi Mumbai, reserves the right to alter the hardware quantities specified in the tenders at the time of placing the order, based on the actual requirement under the same terms and conditions and at the approved tender rates without claiming any considerations whatsoever.

13. **Repeat Orders**

IIG, New Panvel, Navi Mumbai, reserves the right to place a repeat order on the vendor under the same terms and condition within a period of six months from the date of acceptance of installation by IIG.

14. **Installation**

Bidder shall be responsible for installation/ demonstration wherever applicable and for after sales service during the warranty and thereafter. Installation, demonstration has to be arranged by the supplier free of cost at user specified location in India, if demanded.

#### **IV Preference to Make in India**

Preference in procurement shall be given to “Make in India” as per DPIIT Order No. P- 45021/2/2017-PP (BE-II) dated 16th September 2020 and Order No. P-45021/102/2019-BE-II-Part(I) (E-50310) dated 16<sup>th</sup> November 2021 issued by Ministry of Commerce.

##### **1. Definitions for Make in India**

- 1.1 ‘Local Content’ - the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value in percent.
- 1.2 ‘L1’ - the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.
- 1.3 ‘Margin of purchase preference’ - the maximum extent to which the price quoted by a “Class-I local supplier” may be above the L1 for the purpose of purchase preference. The margin of purchase preference shall be 20%.
- 1.4 Class-I Local supplier – a supplier or service provider, whose goods, services or works offered for procurement has minimum local content equal to or more than 50%.
- 1.5 Class-II Local supplier – a supplier or service provider, whose goods, services or works offered for procurement, has minimum local content equal to or more than 20% but less than 50%.
- 1.6 For the item for which Nodal Ministry/Department has not prescribed higher minimum local content notification under the order, it shall be 50% and 20% for ‘Class-I local supplier’/‘Class-II local supplier’ respectively.
- 1.7 Non-Local Supplier – a supplier or services provider, whose goods, services or works offered for procurement, has minimum local content less than 20%.

##### **2. Purchase Preference**

- a) Tendered procurements that are divisible/splittable in nature, the ‘Class-I local supplier’ shall get purchase preference over ‘Class-II local supplier’, as well as ‘Non-local supplier’ as per the following procedure.
  - (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is ‘Class-I local supplier’, the contract for full quantity will be awarded to L1.
  - (ii) If L1 bid is not a ‘Class-I local supplier’, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the ‘Class-I local suppliers’, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier’s quoted price falling within the purchase preference margin of (L1 + 20%), and contract for that quantity shall be awarded to such ‘Class-I supplier’ subject to matching the L1 price. In case such lowest eligible ‘Class-I local supplier’ fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the purchase preference margin of (L1 + 20% ) shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on ‘Class-I local suppliers’, then such balance quantity may also be ordered on the L1 bidder.

- b) Tendered procurements that are not divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier' as per following procedure.
- (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
  - (ii) If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local suppliers', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the purchase preference margin of (L1 + 20%), and the contract shall be awarded to such 'Class I local supplier' subject to matching the L1 price.
  - (iii) In case such lowest eligible 'Class-I local' supplier fails to match the L1 price, the 'Class-II local supplier' with the next higher bid within the purchase preference margin of (L1+20%) shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local suppliers' within the purchase preference margin of (L1+20%) matches the L1 price, then the contract may be awarded to the L1 bidder.
- c) Class-II local suppliers will not get any purchase preference.

### **3. Multiple Bidder**

In tenders where contract is to be awarded to multiple bidders subject to matching of L1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- a) In case there is sufficient local capacity and competition for the items to be procured, as notified by the Nodal Ministry, only 'Class-I local supplier' shall be eligible to bid. As such, the multiple supplier who would be awarded the contract, should be all and only 'Class-I local suppliers'.
- b) In other cases, 'Class-II suppliers' and 'Non-Local suppliers' may also participate in the bidding process along with 'Class-I local supplier' as per provisions of this order.
- c) If 'Class-I local supplier' qualify for award of contract for at least 50% of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class-I local supplier' do not qualify for award of the contract for at least 50% of the tendered quantity, purchase preference should be given to the 'Class-I local supplier' over 'Class-II local supplier'/'Non-local suppliers' provided that their quoted rate falls within 20% margin or purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class-I local suppliers' taken in totality or considered for award of contract for at least 50% of the tendered quantity.
- d) First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20% margin of purchase preference subject to its meeting the prescribed criteria for award of contract as also the constraints of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher 'Class-I local supplier' falling within 20% margin of purchase preference, and so on.

#### **4. Verification of local content**

- a) The 'Class-I local supplier'/'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification (Ref. Annexure F) that the item offered meets the local content requirement for 'Class-I local supplier'/'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made. Annexure F must be enclosed with Technical Bid.
  - b) Bidder shall also give price break up and the location(s) at which the local value addition is made in the form of Annexure-G should be enclosed as part of Price bid. Bidder cannot claim the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition.
  - c) False declarations will be in breach of the Code of Integrity under Rule 175 (1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
  - d) A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph 9h with reference to Order dtd. 16<sup>th</sup> Sept. 2020.
5. Entities of countries which have been identified by the Nodal Ministry/Department as not allowing Indian companies to participate in their Government procurement for any item related to that Ministry/Department shall not be allowed to participate in procurement for all items related to the nodal Ministry/Department, except for the list of items published by the Ministry/Department permitting their participation. The term entity of a country shall have the same meaning as the FDI as amended from time to time.
6. Vide DPIIT OM No. P-45021/102/2019-BE-IIPart(1) (E-50310) dated 4.03.2021 services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. shall not be considered as local value addition. Bidders offering imported products will fall under the category of Non-local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.



## ANNEXURE - A

Specifications for BGO Scintillator Detector with Photomultiplier Tube is given below:

**BGO Scintillator Detector with Photomultiplier Tube : 1 No.**

<b>Model Number</b>	
---------------------	--

<b>Sr. No.</b>	<b>Description</b>	<b><u>Comply</u> Yes/No</b>	<b><u>Remarks</u></b>
1.	BGO Crystal Size: min 3"X3" Cylindrical		
2.	PHR : 13.5% OR better for Cs-137 END-ON		
3.	High Voltage : 800V Typical Detector and PMT fully sealed by Al/steel		

- 1) Bidder should specify the model number clearly and provide related document.
- 2) Standard manufacturer warranty: minimum one year

### Annexure C - Covering letter format

Date: \_\_\_\_\_

Bid Reference No.: \_\_\_\_\_

To:

In-charge Purchase & Stores Section  
Indian Institute of Geomagnetism,  
Plot No. 5, Sector 18, New Panvel (W),  
Navi Mumbai 410218

Dear Sir,

**Tender Ref:**

**Having examined the tender document including all Annexures the receipts of which is hereby duly acknowledged, we, the undersigned, bid to supply, deliver and commission the BGO Scintillator Detector with PMT, in conformity with the said tender in accordance with the Schedule of Prices indicated in the commercial bid and made part of this bid.**

We agree to abide by this bid till 90 days from the date of opening of the commercial bid by Indian Institute of Geomagnetism (IIG) Plot No. 5, Sector 18, New Panvel (W), Navi Mumbai - 410218.

If our bid is accepted, we undertake to ship the BGO Scintillator Detector with PMT within 4 weeks from the date of opening of LC.

**Until a formal Purchase Order is issued, this bid, together with IIG's return acceptance thereof shall constitute a binding contract between us.**

We understand that IIG is not bound to accept the lowest or any bid without assigning any reason whatsoever.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2023

Signature: \_\_\_\_\_

(in the Capacity of:) \_\_\_\_\_

Duly authorized to sign the bid for and on behalf of

\_\_\_\_\_

### Annexure D – Details of the Vendor

Details filled in this form must be accompanied by sufficient documentary evidence, in order to facilitate Indian Institute of Geomagnetism, Plot No. 5, Sector 18, New Panvel (W), Navi Mumbai 410218 to verify the correctness of the information.

S. No.	Item	Details
1	Name of Company	
2	Postal Address	
3	Telephone, mobile and Fax numbers	
4	Constitution of the Company	
5	Name and designation of the person authorized to make commitments to IIG Plot No. 5, Sector 18, New Panvel (W), Navi Mumbai 410218	
6	Email Address	
7	Year of commencement of Business	
8	GST Number	
9	Income Tax Number	
10	Whether direct manufacturer or authorized dealer/agent	
11	Name and Address of manufacturer	
12	Location of Manufacturing facility	
13	Brief description of facilities for manufacture, production, inspection, testing and quality assurance	
14	Brief description of after sales service facilities available with the vendor <b>(Please refer section 19 of Instructions to Vendors)</b>	

### **Annexure E – Manufacturer's Authorization Form (MAF)**

No. \_\_\_\_\_ dated \_\_\_\_\_

To,

In-charge Purchase & Stores Section  
Indian Institute of Geomagnetism,  
Plot No. 5, Sector 18, New Panvel (W),  
Navi Mumbai 410218

Dear Sir,

Tender Reference No. \_\_\_\_\_

We \_\_\_\_\_ who are  
established and reputed manufactures of \_\_\_\_\_ having  
factories at \_\_\_\_\_ and \_\_\_\_\_ do hereby authorize M/s  
\_\_\_\_\_ (Name and address of  
Agent/Dealer) to bid their quotation, negotiate and conclude the contract with you against the  
above tender.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender  
and the contract for the equipment and services bided against this tender by the above firm.

Yours faithfully,

(Name)

For and on behalf of

M/s \_\_\_\_\_  
(Name of manufactures)

Note: This letter of authority should be on the letterhead of the manufacturer(s) and should  
be signed by a competent person representing the manufacturer.

**ANNEXURE F -Certificate of Local Content**  
(on firms letterhead and is to be enclosed along with Technical Bid)

Ref: i) Clause II-23 of the Tender No. IIG/TENDER/LE/02/2023

ii) Make in India orders 16<sup>th</sup> September 2020, 16<sup>th</sup> November 2021 and amendment thereon

We M/s. \_\_\_\_\_ (Name of Bidder) hereby certify that we meet the minimum Local content for the Goods and services offered vide our offer/bid No. \_\_\_\_\_ dated \_\_\_\_\_ as specified below:

☐ Class-I Local Supplier with local content of 50% and above

OR

☐ Class-II Local Supplier with local content of 20% and above but less than 50%

(Tick appropriate category of Local Supplier)

We are not claiming the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition.

We are aware that the false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (Govt. of India) for which we or our successors can be debarred for up to two years as per Rule 151 (iii) of the General Finance Rules along with such other actions as may be permissible under law.

Signed with firms stamp : [insert signature of person whose name and capacity are shown]  
In the capacity of [insert legal capacity of person signing the Bid Submission Form]

Name : [insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder]

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ [insert date of signing]

**ANNEXURE G - Certificate of Price break up of Local Content**  
(to be enclosed along with Price Bid)

Ref: i) Clause II-23 of the Tender No. IIG/TENDER/LE/02/2023

ii) Make in India orders 16<sup>th</sup> September 2020, 16<sup>th</sup> November 2021 and amendment thereon

We M/s. \_\_\_\_\_ (Name of Bidder) hereby certify that we meet the minimum Local content for the Goods and services offered vide our offer/bid No. \_\_\_\_\_ dated \_\_\_\_\_ as specified below:

☐ Class-I Local Supplier with local content of 50% and above

OR

☐ Class-II Local Supplier with local content of 20% and above but less than 50%

(Tick appropriate category of Local Supplier)

Minimum Local content is \_\_\_\_\_ % as per Price break up given below:

Component of cost		Imported product		Domestic value addition to product	
		In Foreign currency US\$ or specify	In Rupees Exchange Rate @ 1 US\$ = Rs.	In Rupees	Location of value addition
	Goods				
I	Material				
II	Equipment				
III					
	Total quoted Price = (X + Y)		X=	Y=	

$$\% \text{ Local Content} = (Y/X+Y) \times 100$$

We are not claiming the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition. These costs should not be included in Y above.

We are aware that the false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules (Govt. of India) for which we or our successors can be debarred for up to two years as per Rule 151 (iii) of the General Finance Rules along with such other actions as may be permissible under law.

Signed with firms stamp: [insert signature of person whose name and capacity are shown]  
In the capacity of [insert legal capacity of person signing the Bid Submission Form]

Name : [insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder]

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ [insert date of signing]