



INDIAN INSTITUTE OF GEOMAGNETISM
(AN AUTONOMOUS ORGANISATION OF THE DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT OF INDIA)

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

Address : Plot No. 5, Sector-18,
Kalamboli Highway, New Panvel,
Navi Mumbai 410 218

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

Website : www.iigm.res.in

Enquiry No. IIG/STP/LTE/2025/15

Dated 24th Sept 2025

To,

As per List

Subject: Limited Tender Enquiry for supply of water chiller-reg.

Dear Sir/Madam,

You are requested to submit your sealed quotation for the supply of the following item(s) as per the details given below:

Srl No	Description	Qty
01	Water Chiller 5 TR capacity ECA1EPC1Y0005D03003-,3 PH+N-415V-50 Hz, R410A, 9106000104-Head with Fitting, 8690010001-installation 9003XX0002 with required spars 3 years comprehensive warranty	01 set
02	Spares	01 Set

Tender Details

- 1) Quotations are to be submitted in prescribed format as **Annexure –A & B** in sealed envelope mentioning “**Quotation for Supply of Water Chiller**” through Speed Post/ Courier only to following address :

To,

Incharge Purchase & Stores Section
Indian Institute of Geomagnetism,
Kalamboli Highway, New Panvel,
Navi Mumbai : 410 218

on or before the 01st Oct 2025 by 1200 Hrs

- 2) The tender enquiry document may be downloaded from website <http://www.iigm.res.in>. The tender document shall not be issued by post.
- 4) Last date / Time and place for submission of sealed quotations.
Last Date of submission : 01/10/2025 upto 1200 HRS
- 6) Any bid received 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.

Scope of work & Terms & Conditions for Supply, Installation & commissioning of the chiller suitable for Vibrating Sample Magnetometer supplied by OEM.

- 1) The system should be designed with required capacity to match the cooling requirements of VMS system supplied by OEM.
- 2) It should be able to deliver temperature ranging from 15 to 25 c.(non-condensing)
- 3) It should be able to deliver flow rate of 02 lpm to 50 lpm with maximum pressure of 4 bar
- 4) 5.7 L(1.5 gal) per minute at maximum 552 kPA (80 psi), pressure drop 207KPG (30 psi)
- 5) The system should adjust the capacity based on the load of parent system.
- 6) It should be compatible to keep it open to atmosphere.
- 7) The system should work even in ambient temperature of 50 c
- 8) Components used in the systems should be of reputed make like Danfoss, grundfoss, ebara.
- 9) System should have a PLC & HMI with provision of RS 485 system.
- 10) System should be delivered along with spares as per the recommendation of the OEM for the equipment.
- 11) There should be indication of flow leaving the system in hmi and flow should be controller with respect to requirement of machine.
- 12) Supplier should use refrigerants which is ecofriendly preferable R410.
- 13) Supplier should give extended warranty for 3 years and assure that the chiller should be checked and preventive maintenance is done on periodic basis and during three years of working from date of installation, component should be replaced on FOC basis during this period of three years.
- 14) Supplier should consider required connecting pipes & accessories which can be used to connect system with main equipment.
- 15) Thermometer and flow meter to measure the temperature and flow rate.
- 16) 5 TR Chiller is required.
- 17) Manufacturing Authorised Form (MAF) from OEM is mandatory.

Bid Format

- 1. Clearly mention Make and model of the quoted item along detail technical specifications.**
- 2. Bidder must provide point to point technical compliance as per tender requirement in the following format**

Sr. No.	Specification and make and model	Qty	Amount

Annexure - B

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. FAX 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 Income Tax A/C No:
9. Engaged in the Business of Manufacture/Supply of the items since when:
10. Company profile indicating level of Expertise available, with supporting reference (Extra Sheet/s may be attached):
11. A list (with full addresses) of prominent organizations where the bidding firm have undertaken similar supplies.

Sd/-

*****End of the Document*****