

Organization Name	Indian Institute of Geomagnetism, New Panvel
Tender No.	IIG/STP/HPC-AMC/2022/07 dated 23/12/2022
Type of Organization	Research Centre
Product Category	Computer
Tender Type	Two BID
Tender Fee	--
EMD	12,000/-
Tender Value	----
Performance Security	10% 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	16/01/2023 upto 1500 Hrs
Opening Date	16/01/2023 at 1530 Hrs
Contact	Incharge Purchase and Stores officer
Email	iig.pso.stores@iigm.res.in
Telephone	022-27484093
Fax	022-27480762

Registrar

**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, NewPanvel,
Navi Mumbai 410 218

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

Website : www.iigm.res.in

TENDER FOR

Non- comprehensive AMC of HPC Cluster System

Tender No. IIG/STP/HPC-AMC/07/2022

TENDER DOCUMENT

AT

INDIAN INSTITUTE OF GEOMAGNETISM
PLOT NO.5, SECTOR-18, KALAMBOLI HIGHWAY,
NEW PANVEL, NAVI MUMBAI 410 218

Subject: Non- comprehensive AMC of HPC Cluster System

The Non-Comprehensive AMC for HPC Cluster System at the following location of the Institute:

Sr. No.	Location	Quantity
01 to 27	INDIAN INSTITUTE OF GEOMAGNETISM PLOT NO.5, SECTOR-18, KALAMBOLI HIGHWAY, NEW PANVEL, NAVI MUMBAI 410 218	As per Annexure I

REQUIREMENTS AND SCOPE OF WORK

Annexure – I

For Technical Hardware and software Descriptions

The NON-Comprehensive AMC for IIG's existing HPC Solution Date of Purchase 2014				
A		Basic Hardware parts		
Sr. No.	Make	Product type	Description	Serial Number
1	Fujitsu	S26361-K1457-V101	RX300 S8 Server with 2 X E52630 V2 64 GB RAM- 2 x 600GB 15K RPM-DVD Writer QDR Port- 2 GigE Port- 1 Management Port- Redundant Power Supply - Master node	YLNT011180
2	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001874

3	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001875
4	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001876
5	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001877
6	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001878
7	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001879
8	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001880
9	Fujitsu	S26361-K1425-V200	RX500 S7 Server with 4 x E5-4650 256GB RAM- 2 x 500 GB NL SAS Drive- QDR Port- 2 GigE Ports- 1 Management Port- Redundant Power Supply - Compute node	YLJX001881

10	Fujitsu	S26361-K1455-V101	RX 200 S8 Server with 2 x E5-2620 V2 64GB RAM- 2 x450GB SAS Drive- QDR Port - 2 GigE Port- 1 Management Port- Redundant Power Supply.	YLNS006827
11	Fujitsu	FTS:ETEAD2CU	ET DX8090 S2 DriveEncl. 2.5 IO Mod. x2	4551338090
12	Fujitsu	DX8090 S2 DriveEncl	DX 8090 Storage with 900GB SAS Drives offering 10TB usable capacity	4511344562
13	Intel	12200-18 D	Intel 12200-18 18 port switch	CNVS101400057
14	D-link	DGS-1500-52	48 Port L2 Managed Gigabit Switch with required no of GigE Cables - 48 Ports 10/100/1000Mbps + 4 SFP Managed SmartPro L2+ Switch	QBHP1E3000004
15	D-link	DGS-1210-52	48 Port Gig Switch with required no of GigE Cables - 48 10/100/1000Base-T ports + 4 100/1000 SFP ports Web Smart Switch	QBUM1D6000219
16	ATEN	CL5716N	16-Port Slideaway LCD KVM Switch	Z8E2-052D0-0008

B				
Upgraded Hardware parts (in 2016)				
Sr. No.	Make	Product	Description	Serial No.
17	Fujitsu	S26361-K1492-V301	PY RX2530 M1 4x 2.5' expandable-NAS node	YLTS012124
18	Fujitsu	FTS:ETEAD2CU	ET DX8090 S2 Drive Encl. 2.5 IO Mod. x2	4551616005
19	Fujitsu	FTS:D01918G81H	ETSF16 SC Basic Tier1	
20	Fujitsu	FTS:ET103BU	DX100 S3 Base Encl 3.5' -CE- wo Cntrl.	4611549023
C				
Software and system support parts as follows				
Sr. No.	Make	Product	Description	
21	Intel	ICS999LSAE01	Intel® Parallel Studio XE Cluster Edition for Linux* - Upgrade Promotion - Floating Academic 2sts (ESD)	PCL999LFAU02X1P

22	Locuz	NA	Cluster management tools Locuz Ganana Cluster Toolkit Commercial Edition	
23	Locuz	NA	Job submission portal -GUI-	
24	Red Hat	RH0525573 F5	Centos/ Red Hat Enterprise Linux Server for HPC Head Node- Standard -1-2 sockets- - Up to1 guest-	
25	Red Hat	RH0635043 F5	Centos/ Red Hat Enterprise Linux Server for HPC Compute Node- Self-support -1-2 sockets--Up to 1 guest-	
26	UNIVA	NA	Scheduler UNIVA Grid Engine	
27		NA	On-Site System Support for entire HPC Cluster.	

(A) The Scope of AMC services is as.

1. Non-comprehensive AMC services to provide expert services, support, and maintenance for the period of 1 year IIG's HPC cluster system.
2. In this, installation and maintenance of all the user-based applications physically/remotely whenever required.
3. Resolve configuration, operating system and application-related issues as per different user environmental requirements.
4. During this activity, if there exists faulty hardware, the party should convey this to the IIG, and the same should be sourced/purchased from any vendor/OEM/through the party at actual cost.
5. Also during the AMC contract period, in case of any hardware failure the replacements should be provided on prior at actual cost.
6. AMC for one year, billing will be on a quarterly basis.

TERMS & CONDITIONS

General Conditions:

Tender to be submitted in two bid system and in two separate envelope i.e.

7. Technical Bid and (B) Financial Bid separately.

The envelop (A) Technical Bid should contain Tender Fee, EMD, NIT and Tender document duly signed and copies of (i) Current and valid Income Tax Certificate, GST Registration Certificate, Sales Tax Clearance Certificate dispensed with Sales Tax Registration no. (if any) and Valid Trade License, Permanent Income Tax A/c No., Company profile indicating level of expertise available, with supporting reference, Annual Turnover for last three years quantity of work-wise: + in number of executed work orders + the bill amounts., A list of prominent organizations where the bidding firm have undertaken similar HPC cluster AMC contracts, Vendor's last three years

financial details (audited balance sheets/turn over etc.).

8. Financial Bid should contain offer inclusive of all applicable taxes may be shown separately and levies duly signed and stamp

- (a) Throughout the Tender document the term “SUPPLIER” shall mean the successful Tenderer.
- (b) Institute reserves the right to accept or reject any tender offer without assigning any reason, whatsoever.
- (c) The Institute is not bound to accept the lowest price offer.
- (d) Current and valid Income Tax Certificate, GST Registration, Sales Tax Clearance Certificate dispensed with Sales Tax Registration no. (if any) and Valid Trade License Certificate should be submitted along with tender, otherwise the quotation is liable to be rejected.
- (e) The quoted rates should be inclusive of all taxes as applicable.
- (f) Tenders not conforming to the Terms and Conditions and specifications mentioned in the tender documents are liable to be rejected.
- (g) The price schedule should reflect all the taxes levied separately. Basic price and taxes to be quoted separately.
- (h) The Institute is exempted from payment of Custom/Excise duty.

EMD

- a. Earnest Money (non-interest bearing) in the form of Bank Draft/Banker’s Cheque for Rs.12,000/- (Rupees Twelve Thousand Only) drawn in favour of “Director, Indian Institute of Geomagnetism” payable at Panvel, Navi Mumbai must be attached with the tender bid.
- b. The bid without EMD shall be summarily rejected.
- c. Those who are registered with NSIC are exempted for submission of EMD.
- d. The Scope of AMC services is as.
- e. Non-comprehensive AMC services to provide expert services, support, and maintenance for the period of 1 year for IIG HPC cluster system.
- f. In this, install all the user-based applications physically/remotely whenever required.
- g. Resolve configuration and operating and application-related issues as per different user environmental requirements.
- h. During this activity, if there is already a fault or material failure, the party should intimate and the same should be sourced/purchased from any vendor/OEM/through the party at actual cost.
- i. Also during the AMC contract period in case of any hardware failure the replacements should be provided on prior approval by the party at actual cost.
- j. AMC for one year, billing will be quarterly basis.

Performance Security:

The successful Tenderer shall deposit a sum which is equal to the 10% of the value of the order to the Institute in the form of Bank Draft /Bank Guarantee on any Nationalized Bank drawn in favour of “Director, Indian Institute of Geomagnetism” payable at Panvel, Navi Mumbai towards Security Deposit.

- a) Within 14 days from the date of acceptance of tender (Security Deposit will not carry any interest)
- b) Security Deposit will be refunded after the successful completion of 12 month AMC period.
- c) Security Deposit will be forfeited for unsatisfactory performance by the supplier.

Price Validity:

Four months from the date of opening of the price bid.

Payment Schedule:

Payment will be released after submission of bills and completion of contract period.

Terms and Conditions for AMC tendering process

- The technical team from IIG may visit to the service centers of bidders towards the technical evaluation of bids.
- The party/company should have well established service and support facility within the city limits of Mumbai, Navi Mumbai and Pune.
- The party/company must have an experience of at least last three previous years in servicing and maintaining the HPC systems of reputed brands for similar capacity (5.5 TF CPU) or higher.
- The party/company with MAF certificate will be preferred.
- The party/company with annual turnover of Rs 50 Lakhs or above through AMC contract of similar HPC systems or higher configuration will be preferred.
- Successful bidder will be awarded with the AMC for one year. The AMC may be extendable by a year to a maximum of subsequent two years on satisfactory service/performance on the same terms and condition as per the tender document.

Tender Details

Tenders are to be submitted in prescribed tender form in sealed envelope mentioning “AMC For HPC Cluster”

To,

The Director,

Indian Institute of Geomagnetism,

Kalamboli Highway, New Panvel,

Navi Mumbai : 410 218.

on or before the 16/01/2023 by 1500 HRS

- 1) Interested firms may contact,
Incharge Purchase and Stores Officer 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>.
- 3) The tender document shall not be issued by post.
- 4) The validity of the tender will be 120 days from the date of opening of Price bid.
- 5) Last date / Time and place for submission of sealed tender.

Last Date of submission 16/01/2023 upto 1500 Hrs

Opening of Technical Bid : 16/01/2023 at 1530 Hrs

Opening of Financial Bid : For Technically qualified bidder

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.

- 6) 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. 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. Annual Turnover for last two years quantity of work-wise: + in number of executed Work Orders + the Bill Amounts.
12. A list (with full addresses) of prominent organizations where the bidding firm have undertaken similar supplies.
13. Vendor's last two years financial details (audited balance sheets/turn over etc.)
14. Tender documents signed and stamped on each page.

Signature & Seal

Annexure – II

FORMAT FOR MANUFACTURER'S AUTHORISATION LETTER TO AGENT
(on letter head)

Ref. No.

Date:

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

Sub.: Authorization Letter.

Dear Sir,

We, _____, who are established and reputed manufacturers of, having factory at, hereby authorize M/s. _____ (name & address of Indian distributor /agent) to bid, negotiate and conclude the order with you for the above goods manufactured by us. We shall remain responsible for the tender / contract / agreement negotiated by the said M/s. _____, jointly and severally.

We ensure that we would also support / facilitate the M/s _____ on regular basis with technology / product updates for up-gradation / maintains / repairing / servicing of the supplied goods manufactured by us, during the warranty period. In case duties of the Indian agent / distributor are changed or agent / distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent / distributor.

Yours faithfully,

[Name & Signature]

for and on behalf of M/s. _____ [Name of manufacturer]

Note: This letter of authorisation should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. A copy of notarized power of attorney should also be furnished.

Annexure – III

CERTIFICATE OF AMC (on letter head)

I / We certify that the AMC shall be given for a period of one (01) year starting from the date of the satisfactory commissioning and handing over of the all service agreement and AMC extension letter. During the AMC period, I / we shall provide the “service” and the replacement of defective / or any part(s) of the equipment or rectification of defects of work of the equipment will be as per actual cost of the new parts. We undertake that the above AMC shall begin only from the date of handing over of the documents.

During the AMC period, we shall provide at least **quarterly 1 preventive maintenance visit per**

Uptime Guarantee: During the AMC period, we will be responsible to maintain the equipment including all the accessories in the satisfactory faultless working conditions for a period 347 days (i.e. 95% uptime) in a block of 365 days.

- All complaints will be attended by us within next working day of receipt of the complaint in our office.
- In case there is delay of more than 24 hours in attending the complaint from our side, then the Institute will count the number of days in excess of the permissible response time in the downtime. The above said response time of next day for attending to a complaint by us will not be counted in the downtime.
- Penalty: We shall pay a penalty equivalent to 5% of the order value of the AMC for every week or part there of delay in rectifying the defect.

No deduction or advantage of any kind on account of Sundays, half days or Public / Govt. holidays observed by the Institute shall be allowed from the total down time permissible as defined above. The right to accept the reason(s) for delay and consider reduction or waive off the penalty for the same shall be at the sole discretion of the Institute.

I / We shall try to repair the equipment at Institute premises. However, in case it is not possible to repair the equipment at Institute premises, we will take out the equipment to our site on our own expenses. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the Institute after repair. If any loss of equipment occurred during our custody, we will restore it / compensate to Institute for such losses.

I / We guarantee that in case we fail to carry out the maintenance work within the stipulated period, the Institute reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs / maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of the Performance Bank Guarantee, the same shall be recoverable from us with / without interest in accordance with the circumstances.

I / We undertake to perform calibration after every major repair / breakdown / taking the equipment out for repair from the Institute premises.

I / We guarantee that we will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

I / We guarantee to the effect that before going out of production of the spare parts, we will give the adequate advance notice to Institute so that Institute may undertake to procure the balance of the life time requirements of the spare parts.

Authorized signatory of the company with seal

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

The Director
Indian Institute of Geomagnetism

WHEREAS..... (Name and address of the Supplier) (herein after called “the Supplier”) has undertaken, in pursuance of contract no..... dated (herein after called “the contract”) to supply

AND WHEREAS it has been stipulated by you in the said contract that the Supplier shall furnish you with a bank guarantee by a scheduled/nationalized bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with and due performance of the contract;

AND WHEREAS we have agreed to give the Supplier such a bank guarantee;

NOW 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 hereby irrevocably and absolutely undertake to pay you immediately, upon your first written demand declaring the Supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits 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.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

The Bank guarantee shall be interpreted in accordance with the laws of India. The Guarantor Bank represents that this Bank Guarantee has been established in such form and with such

content that is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

The Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank or the Supplier. The Bank further undertakes not to revoke this Guarantee during its currency except with the previous express consent of the Buyer in writing.

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for an on behalf of the Bank.

This guarantee shall be valid up to and including the day of, 20.....

.....
(Signature with date of the authorised officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

**FORMAT FOR THE SUBMISSION OF RATES –
PRICE BID**

(To be submitted on the letterhead of the company/firm)

Date:

Description	Amount in INR (including GST)
AMC charges for entire IIG HPC Cluster. (per year)	

1. I/We have gone through the entire terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

Signature & Seal of the Tenderer

Annexure -VI

FORMAT FOR NON BLACKLISTING OF SUPPLIER

I/ We _____Manufacturer/partner/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier)_____do hereby declare and solemnly affirm that the individual/firm/company is not black-listed by the Union/State Government/Autonomous body.

Deponent Address _

I/ We hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed.

Deponent Dated: _

(Note: To be furnished on non-judicial stamp paper duly attested by the Oath Commissioner.)

Form-7

Declaration by bidder

(Please specify Class of Supplier and Local Content percentage)

In accordance and manner as specified in Order No. DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 issued by DIPP, Ministry of Commerce and Industries, GoI.

To,

The Registrar,

Indian Institute of Geomagnetism (IIG)

Navi Mumbai -410218

Respected Sir,

In accordance with the order No. DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020, I hereby declare that

i) I am aware about all provision mentioned in Tender No. IIG/STP/HPC-AMC/2022/07 Dt 23/12/2022 as well as order DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 and abides by the same.

ii) I declare that for this tender, I am a **Class-I local supplier / Class-II local supplier / Non-local supplier** (Strike out whichever is not applicable) and classification is based on local content of goods/services/work offered by bidder in this tender.

iii) **Local content (in percentage) in offered** good/services/work is: _____ %

Whereas 'Local Content' means 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.

iv) The local content for all inputs which constitute the said goods/services/works has been verified and bidder is responsible for the correctness of the claims made therein.

Date:

Signature:

Name of Authorized Signatory:

Name of Bidder:

Seal of Bidder: