

# **TENDER DOCUMENTS**

## **Repair and Upgradation of Computers**



No. I&P/Repair/Upgradation/Computers/25-26

Pakistan Meteorological Department

Sector H-8/2,

Islamabad,

January, 2026

## **Tender Notice**

Sealed Tenders are invited on **F.O.R Islamabad basis Through PPRA EPADS** from reputed Suppliers / Authorized Dealers registered with Income Tax and Sales Tax Departments for supply of the following repair and upgradation of computers in R&D wing to enhance the capability of research and development in Pakistan Meteorological Department:

<b>S. No</b>	<b>Items Name</b>	<b>Closing Date &amp; Time</b>	<b>Bid Opening Date &amp; Time</b>
1.	Repair and Upgradation of Computers	22-01-2026 at 10:30PST	22-01-2026 at 11:00PST

### **Terms and Conditions:**

1. Bid Security (2% of the Offer) in shape of Bank Draft / Pay Order in favor of D.G. Met. Services, Islamabad should be submitted with the Bid.
2. The quantity of the items can be increased/ decreased subject to funds availability.
3. Incomplete or late received offer will not be considered, closing date and time of Bid is 22<sup>nd</sup> January, 2026. at 1030PST and opening date and time is 22<sup>nd</sup> January, 2026 at 1100PST.
4. The Procuring Agency reserves the right to cancel the bidding process at any stage without assigning any reason.
5. The successful bidders will furnish performance guarantee in the shape of CDR/Pay Order/Bank Draft @ 5% of his supply order in favour of D.G. Met. Services.
6. Method of Single Stage One Envelope Bidding Procedure under Rule 36(a) of Public Procurement Rules, 2004 will be used.
7. Bidding documents having detailed specifications are available free of cost at the website [www.pmd.gov.pk](http://www.pmd.gov.pk) PPRA EPADS [www.eprocure.gov.pk](http://www.eprocure.gov.pk) as well as [www.ppra.org.pk](http://www.ppra.org.pk)

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***Note: All Firms are directed to quote their Bids online through PPRA E-PADS as well as original Bids must be submitted in hard forms to I&P Section, PMD Headquarters office, Islamabad***

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# **Section 1**

## **Specifications**

## Repair and upgradation of Computers

### 1. Introduction: -

Pakistan Meteorological Department (PMD) is an Executive Department of Government of Pakistan, Ministry of Defence (Defence Division), Islamabad. PMD provides valuable meteorological & seismological services to different stakeholders in the country including private and public sector.

The Research & Development (R&D) Division plays a critical role in the analysis, modelling, and forecasting of meteorological events. Current computing resources are no longer sufficient for the increasing complexity of numerical weather prediction (NWP) models, data assimilation systems, and real-time monitoring tools.

To enhance research capacity, improve accuracy of forecasts, and ensure timely scientific outputs, it is necessary to upgrade the existing computer systems with high-performance, energy-efficient, and reliable units.

### 2. **Purpose**

This upgrade will:

- Improve processing speed for large datasets (climate models, satellite data).
- Enhance capability for real-time analytics and visualization.
- Support advanced modelling tools
- Increase operational reliability and reduce downtime.
- Provide adequate resources for future R&D requirements.

### 3. **Justification**

#### A. **Scientific Justification**

- Climate models require high-performance computing to run efficiently.
- Larger datasets (radar, satellite) need faster I/O and processing.
- Improved computing reduces model runtime from hours to minutes, increasing lead time for warnings.

#### B. **Operational Justification**

- Current systems experience slow performance and frequent crashes during modelling tasks.
- Upgraded systems support future integration with regional and global forecasting networks.

Sr. No.	Item	Specification/Model	Qty
1.	Repair and Upgradation of Lenovo Think Centre Neo5 Desktop Computers	<b>GPU:</b> 8GB DDR5 <b>RAM:</b> 16GB DDR4 <b>SSD:</b> M.2 SSD 1TB <b>HDD:</b> 2TB HDD 3.5 <b>Wi-Fi + Blue tooth Card:</b> Internal Wi-Fi Card only <b>Power Supply:</b> Replacement supply as per the requirement of the Graphics Card	25 Nos.
2.	Upgradation of GIS Server	<b>Processor:</b> AMD Ryzen 7, 7800X3D, Or Intel Core-i7-14700 <b>RAM:</b> 64GB (DDR5 32GBx2) Extendable to 128 GB <b>GPU:</b> NVIDIA RTX 4060/ 4060 Ti or RTX 4070 (12GB) <b>SSD Primary:</b> 1TB NVMe PCIe 4.0	02 Nos.

		<b>HDD (RAID):</b> 2TB NVMe <b>Display:</b> 27" QHD (2560x1440) <b>OS:</b> Windows 11 Pro (OEM) Software Support: ArcGIS Pro/ QGIS/ GRASS/ Open-Source image interpretation	
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#### Terms & Conditions:

1. **Earnest money/ Bid Security @ 2%** for each category in the shape of Bank Draft/Pay order in favour of D.G Met. Services must be submitted with the offer.
2. Bidders must submit copies of their registration of Sales Tax and Income Tax.
3. Eligibility Criteria: Participating firm must be, fully experienced and registered with Govt. Authorities (FBR etc.).
4. Bidder must submit on stamp paper
  - (i) That there are no pending liabilities in respect of the bidder/ firm against any government/semi-government department/ organization
  - (ii) That the bidder has not been black listed by any government/ semi-government department/ organization. Legal documents can be asked by the buyer, if required.
5. **BID VALIDITY:** Bids shall remain valid for a period of at least **120 days** after the date of opening of financial proposals.  
In exceptional circumstances, prior to expiry of the original bid validity period, the Buyer may request that the bidders extend the period of validity for a specified additional period. The request and the responses there to shall be made in writing or by electronic mode. A bidder will not be required or permitted to modify its bid, but will be required to extend the validity of its bid security for the period of the extension.
6. All bidders are advised to comply strictly with the document specifications/ terms & conditions and no deviation shall be allowed.
7. **Prices must be quoted in Pak Rupees only including all applicable Govt. of Pakistan taxes & GST.**
8. **The successful bidders will furnish performance guarantee in the shape of CDR/Pay Order/Bank Draft @ 5% of his supply order in favour of D.G. Met. Services.**
9. The last date for the submission of tender is 22<sup>nd</sup> January, 2026 at 10.30 Hours PST and will be opened on the same day at 1100 hours PST in the presence of bidders or their representatives.
10. Goods as per specifications would be **received within 60 days**, after the issuance of supply order, **and the supplier will be responsible for replacement of items**, if found defective during inspection / warranty period.
11. The quantity of the items can be increased/ decreased.
12. The Procuring Agency reserves the right to cancel the bidding process at any stage without assigning any reason.
13. Taxes will be deducted as per Government rules.
14. The payment against supply of items will be made through crossed cheque(s) in Pak Rupees by the Department to the supplier after satisfactory supply of goods and technical report submitted by the Technical Committee.
15. Any bid found in deviation / violation / without earnest money would liable to be rejected.
16. Bidding documents having detailed specifications are available free of cost at the website [www.pmd.gov.pk](http://www.pmd.gov.pk) PPRA EPADS [www.eprocure.gov.pk](http://www.eprocure.gov.pk) as well as [www.ppra.org.pk](http://www.ppra.org.pk)