



**TERMS OF REFERENCE**  
**FOR THE**  
**SUPPLY, DELIVERY, AND TESTING OF TWO (2) SETS**  
**HIGH PERFORMANCE DESKTOP TOWER WITH ACCESSORIES**

**I - INTRODUCTION**

1. The DOST through its GIA-funded project, “*Radar Applications on Data Assimilation and Rainfall NowCASTing (RADARCAST)*” Project, under the “MECO-TECO-VOTE III: Establishment of Seamless Prediction Capability on Typhoon, Marine Meteorology and Short-Range Climate” program provided to DOST-PAGASA the budget to purchase equipment outlay to cater to the computing needs of the two (2) project components for (1) data assimilation and (2) rainfall nowcasting.

2. The Approved Budget for the Contract (ABC) is distributed as follows:

The total ABC for the project is **One Million** pesos (*Php1,000,000.00*) inclusive of all government taxes and other applicable charges.

3. **Bid Validity** – The bid shall remain valid for a period of one hundred twenty (120) days from the date of opening of bids.
4. **Place and Delivery Period** - The winning bidder shall complete the supply and delivery of the goods / equipment at the **PAGASA, Science Garden Compound, Senator Miriam P. Defensor-Santiago Avenue, Barangay Central, Quezon City, Metro Manila, Philippines 1100**, within **30 calendar days** from the date of issuance of the Notice to Proceed.
5. **Warranty** – One (1) year warranty on hardware parts and service, 24x7 technical support, either by email or phone.
6. **Technical Specifications** - The winning bidder shall **supply, deliver, and test** the deliverable equipment with the following minimum specifications or higher or better:

**Supply, Delivery and Testing of 2 sets High Performance Desktop with Accessories**

CPU	: Intel Xeon w7, 20 cores, 40 threads, up to 4.8 GHz Turbo
GPU	: at least 20 GB VRAM GDDR6, with CUDA Support
RAM	: at least 64 GB DDR5, with ECC minimum on 32 GB on per slot
Boot Storage	: at least 512GB, M.2, PCIe NVMe, SSD, Class 40, Ultra-Speed Drive
Extra Storage	: at least 2 TB, 7200 RPM, SATA, HDD, AG-Enterprise Class
Extra NIC	: 1GbE NIC RJ45
Wireless	: WiFi and Bluetooth support
Accessories	: Keyboard, Mouse
Monitor	: At least 27 inches LED w/ compatible Display Cable
UPS	: 2400 VA
OS	: Latest long term support version of Open Source Linux

Environment: with Eco labels such as but not limited to Energy Star, EPEAT, TCO, 80 Plus, and CEC Environmental Protection. The supplier shall submit a copy of certification for this purpose.



**Notes:**

1. The end-user must be able to test the equipment without activating its software license to isolate hardware issues that might arise within 7 days after the delivery.
2. After testing the equipment for 7 days, the end-user must be able to activate the software licenses for Windows Operating System and Microsoft Office 2021.
3. Upon the completion of the abovementioned, the end-user will process the necessary documents for acceptance of the supply, delivery, and testing of the deliverables.

**Other Requirements:**

1. The Supplier shall have an authorized Certificate of Distributorship and shall have the authority to extend the warranty from the original equipment manufacturer or OEM of the computer and uninterruptible power supply (UPS).
2. The Supplier shall deliver any globally recognized brand of computer that has been marketed in the Philippines for the last ten (10) years.
3. The computers and its peripherals and the UPS shall be brand new and free from any defects.
4. The computers and UPS shall be a derived model that is readily available in the Philippine market and not a cloned unit or custom built.
5. The proposed solution must have available spare parts and components, both for the computer and UPS, for a period of five (5) years; thus, the equipment to be delivered shall not be an end-of-life (EOL) model at the time of the bidding.
6. The Supplier shall deliver equipment made with sustainable materials, energy-efficient power supply, and with recyclable packaging.

**Attachment 1. Proposed Location of Desktops**

Office	Location (Building, Floor, Office) <i>please describe specifically, if necessary</i>	Location Photo
1. RDTD	CAD Building, 1st Floor, CLIMPS Office  Workstation (wide desk & chair) located at the left side of the office equipped with Ethernet cable and power outlets.	
2. RDTD	Office of the Chief ETSD  Work station: Upon entrance, located at the left side area. Equipped with power outlets. Still needs Ethernet cable.	

**Distribution List**

Lot	Unit	Item Description	Qty	Distribution List
1	set	Supply, Delivery and Testing of 2 sets High Performance Desktop Computer with Accessories	1	<ul style="list-style-type: none"> <li>Project Personnel on component B and C.</li> </ul>