Dated: 01/June/2021

Quotations are sought for a server with the following configuration.

The technical specifications of this multi-socket server must meet or exceed the following:

GPU: 8x NVIDIA A100 SXM4 GPUs (40GB or more) connected via NVLinks
CPU: Intel Xeon Ice Lake or AMD EPYC Milan CPUs with a total of at least 128 cores..
DRAM: 1024 GB ECC Registered DRAM (in balanced configuration) with 16 or more extra DIMM slots for future expansion. DRAM Speed 3200 MHz.
Motherboard: Should support PCIe gen 4. Should support IMPI for remote boot/access to BIOS.
SSD storage: 2 X 2TB of NVMe SSD (e.g., Intel P4510 or equivalent)
HDD storage: 8TB of SATA HDD (6Gbps or more)
Networking: Dual 10GBpbs BASE-T LAN NIC (e.g., Intel X550 series or equivalent)
Power supply: Should meet at at gold or Platinum level.
Peripheral ports: USB 3.0 (2 or more ports) and VGA ports
Sofware: To be pre-loaded with Ubuntu or CentOS latest stable version, and tools such as GNU compilers, high-performance computing libraries (BLAS 1, 2, 3), Lapack, Scalapack, OpenMPI, MVAPICH, CUDA toolkit, CuDNN, TensorRT, CUDA-tuned BLAS, CuSPARSE, NCCL, and machine learning libraries such as Kubernetes Tensorflow, Caffe, PyTorch, Theano, Keras, Caffe2.
Installation: Rack-mounting kit
Warranty: Three-year on-site warranty is required.

The expected delivery schedule for the supply of the equipment is 6--8 weeks from the date of placing the order.

Terms & Conditions:

- The quotations should be on FOR-IISc Bangalore basis in INR only.
- The quotes should be submitted in sealed covers, the technical and commercial bids in separate sealed envelopes, as is standard with institute procedures.
- The deadline for submission of proposals quotes is **June 15 2021, 12:00 noon**.
- ISO certification of the product is required. Appropriate documentation is required to be included as part of the technical bid.
- GST As applicable.
- The sealed covers should be submitted to the following address: Department of Computer Science and Automation Indian Institute of Science, Bangalore 560012. Email: office.csa@iisc.ac.in
- Please mention reference number: CSA/VG/WF-Server-2021 on the envelopes

Questions may be directed to office.csa@iisc.ac.in