INVITATION FOR BIDS
OFFICE OF PROCUREMENT SERVICES

1. INSTRUCTIONS FOR BIDDERS

a. Sealed bids will be received in the Office of Procurement Services, Mississippi State University, for the purchase of the items listed herein.

b. All bids must be received in the Office of Procurement Services on or before the bid opening time and date listed herein. Delivery of bids must be during normal working hours, 8:00 a.m. to 5:00 p.m. CST, except on weekends and holidays when no delivery is possible.

c. Bidders shall submit their bids either electronically, in Bully Buy, or in a sealed envelope. Bids CANNOT be emailed
   a. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be mailed to : 405 Garrard Road E, Starkville, MS 39759.

d. All questions regarding this bid should be directed to the Office of Procurement Services at 662-325-2550.

2. TERMS AND CONDITIONS

a. All bids should be bid "FOB Destination"

b. Bidders must comply with all rules, regulations, and statutes relating to purchasing in the State of Mississippi, in addition to the requirements on this form. General Bid Terms and Conditions can be found here: https://www.procurement.msstate.edu/procurement/bids/Bid_General_Terms_May_2019_V2.pdf

c. Any contract resulting from this Invitation for Bid shall be in substantial compliance with Mississippi State University's Standard Contract Addendum: https://www.contracts.msstate.edu/resurces/standard-forms

Bid Number: MSU2026072
Opening Date: Thursday May 21, 2026 at 2:00 p.m.
Description: New computational systems utilizing CPU and GPU technology

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Email Address: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Item	Quantity	Description	Unit Price	Total Price
1	1	GPU Type 1 Rack		
1A	1	Additional GPU Type 1 Nodes (Priced in increments of 1 node)		
2	1	GPU Type 2 Rack		
2A	1	Additional GPU type 2 Nodes (Priced in increments of 1 node)		
		TOTAL		

The Mississippi State University High Performance Computing Collaboratory request bids for new computational systems utilizing CPU and GPU technology.

Pricing shall be per line item. MSU may purchase zero or multiple quantities for each line item.

Line Item 1: GPU Type 1 Rack
The GPU rack shall provide enhanced computational capabilities utilizing GPU's.
All cables of appropriate length, size and types shall be included. This includes but not limited to power and network.
All components shall be mounted in the racks.
All rackmount rails/kits and required hardware shall be provided.
All components must have redundant power supplies connected to different rPDUs.
All power supply and fan airflow must be of appropriate direction.
All components shall have a 3 year warranty, 8x5, NBD unless stated differently
It shall consist of the minimum components.

Qty 2 Rack - 52U, White, 6in set back, 750mm x 1200mm w/ Front, Rear door, side panels
Qty 8 Rack PDU - 480 volt, 3 phase, sized appropriately for rack load, PDU metered, networked for monitoring
Qty 1 Switch - TOR Switch - 48x25GbE SFP28, 4x100GbE QSFP28, 2x100GbE QSFP-DD, managed, PSU to IO air flow, 2xPSU, rack rails
Qty 2 Optics - 25GbE SFP28 SR, MMF, Duplex LC
Qty 8 Network Cables - SFP28 to SFP28, 25GbE, Passive Copper Twinax DAC, 3 Meter
Qty 4 SFP 1000BaseT
Qty 4 Network Cables - CAT 6, white 10 feet
Qty 1 Switch - IB switch NDR, 64x400G ports via 32 ports, 2xPSU, Unmanaged, PSU to IO airflow, rack rails, 5 year warranty
Qty 16 Optics - IB twin port XCVR,800GbE,2x400,O112, 2xMPO12 APC,850nm MMF,to 50m, finned for switches
Qty 16 Cables - Passive Fiber Cable, MMF , MPO12 APC to MPO12 APC, 15m
Qty 8 Cables IB - InfiniBand NDR OSFP to 2xOSFP 3m Splitter Direct Attach Copper Cable

Qty 4 GPU nodes - minimum specifications to include
chassis: 4U supporting, 8 GPU's, 8x E3.S NVMe drives, Front KVM access, air cooled
processor: 2x, 96 core/192 thread, Base Clock 2.6 GHz, Max Boost Clock 4.5GHz, All Core Boost 4.1GHz, 384MB L3 Cache, TPD 320-400W, 12 memory channels
memory: 768GB
disk: 1x 3.2TB Data Center NVMe mixed use
network: 1x Dual port 25GbE SFP28 adapter
network: 2x Singe Port NDR/400GbE OSFP Adapter
power: 277 volt, fully redundant power supplies across single pdu failure
gpus: 8x GPUs, 96GB GDDR7 with ECC, 24,064 parallel processing cores, 120 TFLOPS FP32, 355 TFLOPS RT cores, 1597GB/s memory bandwidth, support 4 multiple instances.
front kvm support
management: must support remote kvm, remote configuration, firmware updates, monitoring, configurable alerts by email, snmp, redfish, etc..., must support power monitoring/ consumption. Any licenses required must be perpetual. Firmware updates must be supplied without additional costs for the life of the system. Provide software and any perpetual licenses for automating/managing firmware updates.

Line Item 1A: Additional GPU Type 1 Nodes
Provide increment of 1 pricing for additional GPU nodes configured identical to above.

Line Item 2: GPU Type 2 Rack

The GPU rack shall provide enhanced computational capabilities utilizing GPU's.
All cables of appropriate length, size and types shall be included. This includes but not limited to power and network.
All components shall be mounted in the racks.
All rackmount rails/kits and required hardware shall be provided.
All components must have redundant power supplies connected to different rPDUs.
All power supply and fan airflow must be of appropriate direction.
All components shall have a 3 year warranty, 8x5, NBD unless stated differently
It shall consist of the minimum components.

Qty 1 Rack - 52U, White, 6in set back, 750mm x 1200mm w/ Front, Rear door, side panels
Qty 4 Rack PDU - 480 volt, 3 phase, sized appropriately for rack load, PDU metered, networked for monitoring
Qty 1 Switch - TOR Switch - 48x25GbE SFP28, 4x100GbE QSFP28, 2x100GbE QSFP-DD, managed, PSU to IO air flow, 2xPSU, rack rails
Qty 2 Optics - 25GbE SFP28 SR, MMF, Duplex LC
Qty 2 Network Cables - SFP28 to SFP28, 25GbE, Passive Copper Twinax DAC, 3 Meter
Qty 4 SFP 1000BaseT
Qty 4 Network Cables - CAT 6, white 10 feet
Qty 1 Switch - IB switch NDR, 64x400G ports via 32 ports, 2xPSU, Unmanaged, PSU to IO airflow, rack rails, 5 year warranty
Qty 16 Optics - IB twin port XCVR,800GbE,2x400,O112, 2xMPO12 APC,850nm MMF,to 50m, finned for switches
Qty 16 Cables - Passive Fiber Cable, MMF , MPO12 APC to MPO12 APC, 15m
Qty 2 Cables IB - InfiniBand NDR OSFP to 2xOSFP 3m Splitter Direct Attach Copper Cable

Qty 2 GPU nodes - minimum specifications to include
chassis: 4U supporting, 8 GPU's, 8x E3.S NVMe drives, Front KVM access, air cooled
processor: 2x, 96 core/192 thread, Base Clock 2.6 GHz, Max Boost Clock 4.5GHz, All Core Boost 4.1GHz, 384MB L3 Cache, TPD 320-400W, 12 memory channels
memory: 768GB
disk: 1x 3.2TB Data Center NVMe mixed use
network: 1x Dual port 25GbE SFP28 adapter
network: 2x Singe Port NDR/400GbE OSFP Adapter
power: 277 volt, fully redundant power supplies across single pdu failure
gpus: 4x GPUs connected in 4-way bridge, 141GB HBM3e memory, 4.8TB/s memory bandwidth, support 7 multiple instances, Native support for FP8, FP16, BF16, TF32, FP64, FP64 Tensor Core, FP32, provide FP64 performance 30TF, FP64 Tensor Core Performance 60TF
front kvm support
management: must support remote kvm, remote configuration, firmware updates, monitoring, configurable alerts by email, snmp, redfish, etc..., must support power monitoring/ consumption. Any licenses required must be perpetual. Firmware updates must be supplied without additional costs for the life of the system. Provide software and any perpetual licenses for automating/managing firmware updates.

Line Item 2A: Additional GPU Type 2 Nodes

Provide increment of 1 pricing for additional GPU nodes configured identical to above.

Pricing, Delivery, and Installation:

* Pricing shall be valid for 14 days post bid opening date.
* All shipping, delivery, and configuration costs shall be included.
* Estimated delivery times shall be included.

General:

* All compute systems shall run Rocky 9.x linux operating system.
* All Rack power shall be bottom fed
* The cpu model should be the same in the GPU systems.
* All equipment must be new, sold by authorized vendors of the manufacturers and include original manufacturer's warranty
* Vendors should have credible experience with large scale high performance systems
* Vendor must provide up to three references upon request of customers using these or similar products of the manufacturer.