



INVITATION FOR BIDS
OFFICE OF PROCUREMENT & CONTRACTS

1. INSTRUCTIONS FOR BIDDERS

- a. Sealed bids will be received in the Office of Procurement & Contracts, Mississippi State University, for the purchase of the items listed herein.
- b. All bids must be received in the Office of Procurement & Contracts 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 or in a sealed envelope. To submit electronically, follow the instructions below. Bids CANNOT be emailed.
 - i. 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: 245 Barr Avenue, 610 McArthur Hall, Mississippi State, MS 39762.
 - ii. At this time we only accept non-ITS bids electronically. For electronic submission of bids, go to: https://www.ms.gov/dfa/contract_bid_search and use the RFX number on the next page as your reference number.
- d. All questions regarding this bid should be directed to the Office of Procurement & Contracts 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.procurement.msstate.edu/contracts/standardaddendum.pdf>

ITS Bid Number: 22-07

Opening Date: January 12, 2022 @2:00 p.m.

Description: GPU Cluster System C

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Item	Quantity	Description	Unit Price	Total Price
1		Cooling unit, Data racks, Infiniband cables		
2		GPU Compute nodes		
3		Installation and Startup		
		Total		

The Mississippi State University High Performance Computing Collaborary request bids for a GPU based cluster system consisting of a cooling system, infrastructure racks, and GPU compute nodes.

All components must be new, sold by authorized vendors of the manufacturers and include original manufacturer's warranty.
All shipping costs should be included.

The GPU compute nodes should be priced per unit.
Based upon pricing, it is expected between 5 and 10 GPU compute nodes will be purchased.

The following are the minimum components required.

Qty 1 Cooling Unit consisting of
HPE (R8N93A) ARCS v2 Cooling Unit Rack
HPE (872174-B21) ARCS NEMA L22-20 4.5m NA Power Cord
HPE (P06116-B21) ARCS Auto Door Controller Kit
HPE (P00675-B21) ARCS Water Hookup Kit

Qty 2 Data Racks mating to cooling unit. Each rack consisting of
HPE (Q8L41A) ARCS 42U 600x1600mm Rack
HPE (Q8L41A#001) Factory Express Base Racking Service
HPE (P00674-B21) ARCS Auto Door Release Kit
HPE (P06116-B21) ARCS Auto Door Controller Kit
HPE (P9R83A) G2 Metered 3P 17.3kVA/C13-C19 NA/J PDU
HPE (P9R83A) G2 Metered 3P 17.3kVA/C13-C19 NA/J PDU
HPE (P04444-B21) ARCS 42U Air Rack Installation Kit

Infiniband cables

Qty 20 HPE (P06153-B25) 20M IB HDR QSFP56 Act Optical Cable

GPU compute nodes configured as

Qty Description

1 HPE (P19725-B21) ProLiant XL675d Gen10 Plus
2 HPE (P40593-B21) AMD EPYC 7713 Kit for Apollo 6500 Gen10+
16 HPE (P07650-H21) 64GB 2Rx4 PC4-3200AA-R Smart Kit
1 HPE (P25877-B21) A6500 G10+ 8SFF SAS/SATA Standard BP Kit
2 HPE (P18422-H21) 480GB SATA RI SFF SC MV SSD
1 HPE (P19919-H21) 6.4TB SAS MU SFF SC PM1645a SSD
1 HPE (P25668-B21) XL675d Gen10+ Mod GPU Tray
1 HPE (R7B94A) NVIDIA HGX A100 80GB 8GPU AIR FIO BS BRD
1 HPE (782961-B21) 12W Smart Storage Battery
1 HPE (804331-B21) Smart Array P408i-a SR Gen10 Controller
1 HPE (P23664-H21) IB HDR/EN 200Gb 1p QSFP56 Adapter
1 HPE (P28787-B21) INT X710 10Gb 2p SFP+ Adapter
2 HPE (P31662-B21) Apollo 6500 Gen10+ Mod GPU N PS Kit
6 HPE (P24678-B21) SDG300-C20 250V 16A Black 2m Jumper Cord
1 HPE (BD505A) iLO Advanced 1-svr License 3yr Support
1 HPE (P27764-B21) XL675d Gen10+ 8SFF SAS Cable Kit
1 HPE (P25872-B21) Apollo 6500 Gen10+ Mod GPU BP Kit
1 HPE (P06149-B24 or P06153-B23) HDR IB cable. Appropriate length as required.

Installation services and startup should include the following as required.

HPE (HA113A1#5VW) Apollo A6000 Install Service
HPE (HU4B2A3#ZQJ) Apollo xl675dGen10+ w/Chassis Support
HPE (HA124A1) Technical Installation Startup SVC
HPE (HA124A1#5N5) Startup ISS Additional 1 Day SVC
HPE (HA113A1) Installation SVC
HPE (HA113A1#5BW) Add On Options Install SVC
HPE (HA113A1#5CW) Adaptive Rack Cooling Install SVC
HPE (HU4B2A3) 3Y Tech Care Basic SVC
HPE (HU4B2A3#7FV) Adaptive Rack Cooling System Support