



Purchasing Services Office
801 Leroy Place
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Letter of Addendum

TO: All Offerors

FROM: Kimela Miller, CPO

DATE: 11/30/2023

RE: RFP Number: RFP# 2411019C, Amendment No. 2
Commodity: High-Performance Computer System

Please note:

This amendment is issued to provide a list of questions which have been received by NM Tech along with our response.

RFP Section	Question	Response
1.5	Please clarify that the Offer and “thumb drive” can be delivered to the address on page one in person or by common carrier (UPS, FedEx, etc.) and cannot not be emailed to the Chief Procurement Officer per section 1.1.	That is the correct address for receipt of offers. You can deliver by overnight services or hand deliver your offer in a sealed envelope with a thumb drive. Emailed offers will not be accepted.
15.1	The requested server nodes with the AMD or similar CPU and storage nodes may come close if not exceed the amount power available (assuming maximum operating conditions). Can additional PDUs or additional racks with PDUs be acquired?	Power requirements are relatively firm. Nodes already will be spread across multiple racks to address this.

15.1	Are there cabling ladder racks above the equipment racks?	There is limited top-of-rack tray and ladder racks above that. Limited space available in the top-of-rack tray which is why fiber InfiniBand is desired.
15.1	If there are cabling ladder racks, what is their distance above the racks?	Ladder Racks above the racks are about 36" above the racks
15.1	GPU nodes, especially A100s and H100s are constrained. If there is a significant delay on GPU availability, will the whole project be delayed, or can it proceed and GPUs are added when available to ship?	You can ship the GPUs when available.
15.1	Only one Mellanox switch and 29 cables were listed in table 1, while in top section of 15.1 the RFP states redundant network connections are required. <ul style="list-style-type: none"> - Should there be two Mellanox switches? - Should the servers have two network cards for server redundancy or at a minimum a dual ported network adapter? 	Redundant networking to the cluster is required. Within the cluster is desired. There is an A/B power system where either A or B may be taken down for maintenance at any time. If the Mellanox switch has redundant power supplies (can run on EITHER A or B), that is sufficient.
15.1	Is there or will there be sufficient cooling and air flow to properly cool the hardware?	There is enough hot/cold aisle cooling for the nodes given the power consumption used in the racks. If the power consumption is exceeded, so could the cooling capacity
15.1	Warranties for 3 and 5 years are listed in the table and are typically NBD (next business day) support. <ul style="list-style-type: none"> - Is NBD support adequate? - If NBD is not adequate, please state what is requested. 	NBD is adequate.
15.1	Metadata server 'BLOCK' – please clarify the connectivity / protocol method required for the devices connecting to this server and the associated storage – InfiniBand? FC? Other?	We may not understand the question, but the connectivity for the block devices is the InfiniBand. The protocol would be whatever filesystem protocols the respondent specifies in their design proposal.
15.1	Are respondents allowed to submit a partial response such as compute only or storage server only?	No
15.1	What type of InfiniBand connectivity is required? NDR/FDR/EDR...?	EDR 4-lane (4x) would be the minimum we would accept, but HDR or NDR would be appreciated.
15.1	Is encryption required for the storage components of the solution?	No

15.1	Is drive retention required for the storage in the servers or the storage components?	No
15.1	Are any performance metrics available for the Metadata NVMe and File Server – HDD elements of the solution?	We are unsure of what you are looking for. The RFP doesn't specify minimum metrics, but each response will be evaluated against other responses. The speed is most critical for the NVMe platform, but HDD needs to be as normally fast for an HDD solution.

All other terms and conditions of the RFP remain unchanged. All Offerors are required to confirm the receipt of this amendment in their RFP response. The proposal due date is December 12, 2023 at 2:00 p.m. local time.

Xc: File