Scope of Work

I.   Scope of Solicitation
II.   Instructions to Offerors
III. Scope of Work / Specifications
IV.   Terms and Conditions - Special
V.   Appendices to Scope of Work
VI.   Bidding Schedule

I. SCOPE OF SOLICITATION

Clemson University is seeking bids for high performance computing hardware as specified herein.

AWARD
Award will be made to one Offeror. Award will be made to lowest responsive and responsible bidder.

II. INSTRUCTIONS TO OFFERORS

INFORMATION FOR OFFERORS TO SUBMIT – In addition to information requested elsewhere in this solicitation, Offerors should submit the following for purposes of evaluation:

Regardless of specific requirements below or in this document, Offerors are required to submit their proposal electronically through the Clemson University Online bidding system. To do so you must login (and register) at https://clemson.ionwave.net/Login.aspx and follow specific instructions for this solicitation. You should register several days in advance of the bid closing date so you can be approved and login in time to submit a response.

Offerors must attach a file under the "Response Attachments" tab in the Clemson Online Bidding System a written quotation containing manufacturer name, model numbers and complete literature. Any deviation from specifications, and/or reference brand name, indicated herein, must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible. Any reference to brand names, trade names, model numbers or other descriptions to specific brand products are made to establish a required level of quality and functional capabilities; it is not intended to exclude other products at that level.

Supplier Registration in buyWays - Unless the successful Offeror is currently an active supplier in Clemson University's buyWays system, you will be invited to complete a new supplier registration. You must complete registration within three business days of receiving the email invitation. Registration will require the successful Offeror to provide information about its company and to receive electronic payment as outlined in the registration.

Questions shall be submitted, in writing, to Sam Young at scy@clemson.edu by date and time listed in the online bid event in the "Activities" tab. Answers will be submitted as an addendum to this bid. All

Offerors are charged with a duty to inquire. By submitting an Offer, the Offeror represents that submitter has read and understood the Solicitation and that the Offer is made in compliance with the Solicitation. Offerors are expected to examine the Solicitation thoroughly and should request an explanation of any ambiguities, discrepancies, errors, omissions or conflicting statements in the Solicitation. Failure to do so will be at the Offeror's risk.

III. SCOPE OF WORK / SPECIFICATIONS

Clemson University is seeking bids for high performance computing hardware with the following requirements:

Description
NVIDIA DGX-1 Deep Learning System with "Volta" V100 32GB GPUs   - Purpose-built by NVIDIA for Deep Learning   - Arrives with all hardware and software fully-integrated   - Two 20-core Intel Xeon E5-2698v4 CPUs   512GB DDR4 2133MHz System Memory   - Eight Tesla V100 32GB "Volta" GPU Accelerators   (a total of 40,960 NVIDIA CUDA cores; 5,120 Tensor cores)   - GPUs are connected in a hybrid cube mesh via NVLink 2.0   - Four 1.92TB SSD in RAID0 (High-Speed Storage Cache)   - Dual X540 10GbE Ethernet ports (10GBase-T RJ45 ports)   - Four Mellanox ConnectX-4 100Gbps EDR InfiniBand ports   - One Gigabit Ethernet management port   - Ubuntu Server Linux Operating System
Software stack includes: - DIGITS training system   - NVIDIA Deep Learning SDK with latest versions of CUDA & cuDNN   - NVIDIA Cluster Portal (cloud or onsite)   - Online application repository with the major deep learning frameworks   - NVDocker containerized app deployment   - Managed app container creation and deployment   - Multi-Node management with telemetry, monitoring and alerts
3U Rackmount Form Factor (for standard 19-inch rack)
Rackmount Rail Kit
Redundant, Hot-Swap Power Supplies   - four IEC C13 208V power connections on rear   3500W power consumption at full load
Support Services for NVIDIA DGX-1 "Volta" Deep Learning System   - Includes one year of 24x7 support and hardware warranty with 1-day SLA (replacement parts shipped next-day)   - Includes DGX-1 Software, Driver and Firmware Updates   - Direct communication with NVIDIA technical experts

IV. TERMS AND CONDITIONS – SPECIAL

Intentionally Omitted - Not Applicable

V. APPENDICES TO SCOPE OF WORK

Intentionally Omitted – Not Applicable

VI. BIDDING SCHEDULE

All offerors must complete pricing in online bidding system at
https://clemson.ionwave.net/Login.aspx.