AM02 - Texas A&M University

P.O. Date: 7/6/2016

Purchase Order

Purchase Order Number

AM02-16-P024436

SHOW THIS NUMBER ON ALL PACKAGES, INVOICES AND SHIPPING PAPERS.

VENDOR

Vendor Number: 00005375
Lenovo

Public Sector Central TX LA MS
1009 Think Pl Bldg 1-3N34
Morrisville, NC 27560

INVOICING VENDOR SHALL SUBMIT AN ITEMIZED INVOICE SHOWING PURCHASE ORDER NUMBER. IF YOUR INVOICE IS NOT PROCESSED AS INSTRUCTED, PAYMENT MAY BE DELAYED.

SHIP TO

High Performance Research Computing
Attn: CLYDE OBERG 979-845-1042 co@tamu.edu
Teague Bldg.
Room 104
3363 TAMU
COLLEGE STATION, TX 778433363
US
Email: kprilgrim@tamu.edu
Phone: (979) 845-4139

BILL TO

ATTN: FMO Accounts Payable
750 Agronomy Road - Suite 3101
6000 TAMU
Attn: Email invoices to invoices@tamu.edu
Attn: Do not mail invoice if sending via email
College Station, TX 778436000
USA
Email: invoices@tamu.edu
Phone: (979) 845-8362

Account Code:
02-BMEN-BLANK-241403-00000------N-AA-CD-EN-L--
02-CLGE-BLANK-290204-40005------N-AA-CD-GE-S--
02-URES-HPRC-240189-00000------N-AA-RG--L--
02-URES-HPRC-808843-00000------N-AA-RG--L--
02-VTAN-BLANK-290770-10019------N-AA-CD-VM-S--
06-VTAN-BLANK-203120-09149------N-DV-VM-VM-L--

Please login to Buy A&M to retrieve attachments associated with the Purchase Order.

Payment Terms: Net 30
Shipping Terms: F.O.B., Destination
Freight Terms: Freight Allowed
Delivery Calendar Day(s) A.R.O.: 0

Item # 1

High Performance Computing (HPC) Heterogeneous Cluster Omni-Path Architecture (OPA) interconnect per the attached SCOPE OF WORK and the Lenovo Response (Reference Page 28 of the ATTACHED Lenovo Response - ARCHITECTURE OMNIPATH)

Item # 2
Class-Item 204-53

STANDARD COMPUTE NODES - as defined and specified in Item #1 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
256.00	$ 4,266.77	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 1,092,293.12

LN/FY/Account Code	Dollar Amount
2/16/02-BMEN-BLANK-241403-00000-5787----578701-N-AA-CD-EN-L--	$ 5,201.40
2/16/02-CLGE-BLANK-290204-40005-5787----578701-N-AA-CD-GE-S--	$ 572,153.78
2/16/02-URES-HPRC-240189-00000-5787----578701-N-AA-RG--L--	$ 144,018.30
2/16/02-URES-HPRC-808843-00000-5787----578701-N-AA-RG--L--	$ 344,912.65
2/16/02-VTAN-BLANK-290770-10019-5787----578701-N-AA-CD-VM-S--	$ 13,003.50
2/16/06-VTAN-BLANK-203120-09149-5787----578701-N-DV-VM-VM-L--	$ 13,003.49

Item # 3
Class-Item 204-53

GPU COMPUTE NODES - - as defined and specified in Item #2 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
48.00	$ 8,732.50	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 419,160.00

LN/FY/Account Code	Dollar Amount
3/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 1,996.00
3/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 219,560.09
3/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 55,266.04
3/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 132,357.87
3/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 4,990.00
3/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 4,990.00

Item # 4
Class-Item 204-53

CLUSTER ETHERNET NETWORK - - as defined and specified in Item #3 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 16,342.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 16,342.00

LN/FY/Account Code	Dollar Amount
4/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 77.82
4/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 8,560.10
4/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 2,154.68
4/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 5,160.30
4/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 194.55
4/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 194.55

Item # 5
Class-Item 204-53

RACKING SOLUTION - - as defined and specified in Item #4 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 31,683.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 31,683.00

LN/FY/Account Code	Dollar Amount
5/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 150.87
5/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 16,595.86
5/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L-	$ 4,177.39
5/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L-	$ 10,004.52
5/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 377.18
5/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 377.18

Item # 6
Class-Item 204-53

HEAD NODES - as defined and specified in Item #5 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
2.00	$ 5,346.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 10,692.00

LN/FY/Account Code	Dollar Amount
6/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 50.91
6/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 5,600.57
6/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L-	$ 1,409.73
6/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L-	$ 3,376.21
6/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 127.29
6/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 127.29

Item # 7
Class-Item 204-53

GPU HEAD NODES - - as defined and specified in Item #6 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 8,476.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 8,476.00

LN/FY/Account Code	Dollar Amount
7/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 40.37
7/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 4,439.81
7/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L-	$ 1,117.56
7/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L-	$ 2,676.46
7/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 100.90
7/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 100.90

Item # 8
Class-Item 204-53

1U RACK-MOUNTED KVM CONSOLE - as defined and specified in Item #7 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 1,020.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 1,020.00

LN/FY/Account Code	Dollar Amount
8/16/02-BMEN-BLANK-241403-00000-5787----578701-N-AA-CD-EN-L--	$ 4.86
8/16/02-CLGE-BLANK-290204-40005-5787----578701-N-AA-CD-GE-S--	$ 534.29
8/16/02-URES-HPRC-240189-00000-5787----578701-N-AA-RG--L-	$ 134.49
8/16/02-URES-HPRC-808843-00000-5787----578701-N-AA-RG--L-	$ 322.08
8/16/02-VTAN-BLANK-290770-10019-5787----578701-N-AA-CD-VM-S--	$ 12.14
8/16/06-VTAN-BLANK-203120-09149-5787----578701-N-DV-VM-VM-L--	$ 12.14

Item # 9
Class-Item 204-53

MELLANOX INFINIBAND EDR OR INTEL OMNIPATH ARCHITECTURE NETWORK - as defined and specified in Item #8 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 152,085.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 152,085.00

LN/FY/Account Code	Dollar Amount
9/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 724.21
9/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 79,663.60
9/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L-	$ 20,052.33
9/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L-	$ 48,023.78
9/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 1,810.54
9/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 1,810.54

Item # 10
Class-Item 204-53

FACTORY AND ON-SITE INSTALLATION - as defined and specified in Item #9 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 72,500.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 72,500.00

LN/FY/Account Code	Dollar Amount
10/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 345.23
10/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 37,976.21
10/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 9,559.09
10/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 22,893.28
10/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 863.09
10/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 863.10

Item # 11
Class-Item 204-53

HIGH PERFORMANCE STORAGE SOLUTION - as defined and specified in Item #10 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 174,381.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 174,381.00

LN/FY/Account Code	Dollar Amount
11/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 830.38
11/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 91,342.47
11/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 22,992.05
11/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 55,064.17
11/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 2,075.96
11/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 2,075.97

Item # 12
Class-Item 204-53

CLUSTER MANAGEMENT NODE - - as defined and specified in Item #11 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 5,220.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 5,220.00

LN/FY/Account Code	Dollar Amount
12/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 24.86
12/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 2,734.29
12/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 688.25
12/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 1,648.32
12/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 62.14
12/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 62.14

Item # 13
Class-Item 204-53

HEAT REMOVAL SYSTEM FOR COMPUTE RACKS - - as defined and specified in Item #12 of the Scope of Work

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 18,398.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 18,398.00

LN/FY/Account Code	Dollar Amount
13/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 87.61
13/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 9,637.05
13/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 2,425.77
13/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 5,809.52
13/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 219.03
13/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 219.02

Item # 14
Class-Item 204-53

FOUR (4) YEAR HARDWARE AND SOFTWARE SUPPORT FOR LINE ITMS 1-12

Quantity	Unit Price	UOM	Discount %	Total Discount Amt.	Tax Rate	Tax Amount	Freight	Total Cost
1.00	$ 97,749.00	EA	0.00 %	$ 0.00		$ 0.00	$ 0.00	$ 97,749.00

LN/FY/Account Code	Dollar Amount
14/16/02-BMEN-BLANK-241403-00000-8435----843510-N-AA-CD-EN-L--	$ 465.48
14/16/02-CLGE-BLANK-290204-40005-8435----843510-N-AA-CD-GE-S--	$ 51,201.88
14/16/02-URES-HPRC-240189-00000-8435----843510-N-AA-RG--L--	$ 12,888.15
14/16/02-URES-HPRC-808843-00000-8435----843510-N-AA-RG--L--	$ 30,866.13
14/16/02-VTAN-BLANK-290770-10019-8435----843510-N-AA-CD-VM-S--	$ 1,163.68
14/16/06-VTAN-BLANK-203120-09149-8435----843510-N-DV-VM-VM-L--	$ 1,163.68

Item # 15

The Trade-In of Equipment listed on the Bid has been eliminated from this Purchase Order.

TAX:	$ 0.00
FREIGHT:	$ 0.00
TOTAL:	$ 2,099,999.12

ANY EXCEPTIONS TO PRICING OR DESCRIPTION CONTAINED HEREIN MUST BE APPROVED BY THE TEXAS A&M UNIVERSITY AGENCY PROCUREMENT OFFICE PRIOR TO SHIPPING.

The State of Texas is Exempt from all Federal Excise Taxes.
State and City Sales Tax Exemption Certificate: The A&M System claims an exemption from taxes under Chapter 20, Title 122A Revised Civil Statutes of Texas for purchase of tangible personal property described in this order, purchased from Vendor listed above as this property is being secured for the exclusive use of the State of Texas.

FAILURE TO DELIVER: If the Vendor fails to deliver these supplies by the promised delivery date or a reasonable time thereafter, without giving acceptable reasons for delay, or if supplies are rejected for failure to meet specifications, the State reserves the right to purchase specified supplies and equipment elsewhere, and charge the increase in price and cost of handling to the Vendor. No substitution or cancellations permitted without prior approval of The Texas A&M University System.

THE TEXAS A&M UNIVERSITY SYSTEM TERMS AND CONDITIONS APPLY.

APPROVED

By: Clyde Oberg

Email: co@tamu.edu

Phone#: (979) 845-1042

BUYER