

1. REQUEST NO. NO0173-14-Q-0032 2. DATE ISSUED 11-21-2013 3. REQUISITION/PURCHASE REQUEST NO. 55-7802-14 4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1 RATING

5a. ISSUED BY Naval Research Laboratory (Supply Officer) Code 3410 5b. FOR INFORMATION CALL (NO COLLECT CALLS) 6. DELIVER BY (Date) 12/27/2013

NAME Nicole Coleman TELEPHONE NUMBER AREA CODE 202 NUMBER 767-2474 7. DELIVERY FOB DESTINATION OTHER (See Schedule) 9. DESTINATION

8. TO: a. NAME All Quoters b. COMPANY c. STREET ADDRESS d. CITY Washington

a. NAME All Quoters b. COMPANY c. STREET ADDRESS 4555 Overlook Ave SW

c. STREET ADDRESS d. CITY Washington

d. CITY e. STATE DC f. ZIP CODE 20375

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date) 12/02/2013 IMPORTANT: This is a request for information, and quotations furnished are not officers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.

11. SCHEDULE (Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	See attached continuation sheets				

12. DISCOUNT FOR PROMPT PAYMENT a. 10 CALENDAR DAYS (%) b. 20 CALENDAR DAYS (%) c. 30 CALENDAR DAYS (%) d. CALENDAR DAYS NUMBER PERCENTAGE

NOTE: Additional provisions and representations are are not attached.

13. NAME AND ADDRESS OF QUOTER a. NAME OF QUOTER b. STREET ADDRESS c. COUNTY d. CITY e. STATE f. ZIP CODE

14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION 15. DATE OF QUOTATION

16. SIGNER a. NAME (Type or print) b. TELEPHONE AREA CODE c. TITLE (Type or print) NUMBER

STANDARD FORM 36 JULY 1966 GENERAL SERVICES ADMINISTRATION FED. PROC. REG. (41 CFR) 1-16.101	CONTINUATION SHEET	REF. NO. OF DOC. BEING CONT'D N00173-14-Q-0032	PAGE OF 2 11		
NAME OF OFFEROR CONTRACTOR All Quoters					
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
001	<p>SKU: RAX-QS4-1110 Servers Specifications:</p> <p>Power Estimate: Watts: 236, Volt-Amps: 241.9, BTU/h: 805.23, Amps (110V) : 2.15, Amps (208V): 1.13 -Sixteen-Core AMD (208V) Opteron Model 6376-2.3 Ghz, 32MB Cache (115W TDP) -AMD SR5650+SP5100 Chipset - Dual Intel Gigabet Ethernet-6x SATA-IPMI 2.0 w/LAN. -8x16 GB PC3-12800 1600 Mhz DDR3 ECC Registered DIM -THINKMATE RAX-1304-SH 1U Chassis-4x Hot-Swap 3.5" SATA/SAS-400W Redundant Power. -500 GB SATA 3.0 GB/s 7200 RPM-3.5" Western Digital RE4 WD5003ABYX -Slim 8x DVD-RW/24x CDR Combo (SATA) -Including Standard Rackmont Mounting Rails. -No Windows operating System (Hardware Warranty Only, No Software Support) Thinkmate 3 Year Warranty w/Advanced Parts Replacement & RSL.</p> <p>Processor: Product Line- Opteron 6300 Socket- G34 Clock Speed-2.30 GHz HyperTransport- 6.4 GT/s L3 Cache- 16MB L2 Cache- 8x 2MB Cores/Threads- 16C/16T AMD Turbo Core Technology-Yes Wattage-115W</p> <p>Memory: Technology- DDR3 Type- 240-pin RDIMM Speed- 1600 Mhz Error Checking- ECC Signal Processing- Registered</p> <p>Motherboard: North Bridge- AMD SR5650 Memory Technology- DDR3 ECC Registered Memory Slots-8 x 240-pin DIMMs Expansion Slots-1x PCI Express 2.0 x 16 or 2 x PCI Express, 2.0 x 8, 1 x PCI Express x4, 3x PCI</p>	12	EA		

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NAME OF OFFEROR CONTRACTOR							
All Quoters							
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT		
001	Graphics Controller- Matrox G200, 16MB DDR2 Network Controller- Intel 82574L Gigabet (2-port) On-Board Interfaces -6x SATA, 1x IDE, 2x USB USB 2.0 Ports - 6 (2 rear, 2 optional via header, 2 type A) LAN Ports- 3 (2 LAN, 1 IPMI) SATA 3 Gbps ACHI Ports- 6 PATA Ports- 1 VGA Ports- 1 Chassis: Product type- 1U Rackmount Color- Black Watts- 400W External Drive Bays- 4x 3.5 Hot- Swap SAS2 (6Gb/s) / SATA drive bays. Peripheral Drives- Slim Optical Drive (Optional) Front Ports- Front USB/COM access Cooling Fans- 4x4 cm 4-pin PWM fans, 2x additional fans opt, 6x fans total maximum Optical Drive: Product Type: DVD/RW Read Speed- 24x CD-ROM, 8x DVD-ROM Write Speed- 24x CD-R, 8xDVD+R/-R , 6x DVD+R/-R DL Re-Write Speed- 24 x CD-RW, 8x DVD+RW, 6x DVD-RW, 5x DVD-RAM Hard Drive: Rotational Speed-7200 RPM Cache- 64MB Part No: RAX QS4-1110	12	EA				
002	SKU XT4-2160-3GPU Power Estimate: Watts 1052.11, Volt-Amps: 1078.41, BTU/h: 3589.8, Amps: (110V): 9.56, Amps (208V): 5.06						

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ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT		
002	<p>-Intel C602 Chipset-Dual 1-Gigabit, Ethernet-1800 W Redundant Power Supply -2x Six-Core Interl Xeon processor E5-2620 2.00 GHz 15MB Cache (95w) -8x16GB PC3-12800 1600Mhz DDR3 ECC Registered DIMM -500 GB SATA 6.0GB/s 7200 RPM-2.5 Seagate Constellation.2 -3x NVIDIA Tesla K20X GPU Computing Accelerator-6 GB GDDR5-2688 CUDA Cores -We currently have no expansion card that fit within the length limitations . -Thinkmate 3 year Warranty w/Advanced Parts Replacement & RSL</p> <p>Barebone: Memory Technology-DDR3 1600 ECC Reg. North Bridge-Intel C602 Form Factor-1U Rackmount Color-Black Memory Slots-8x 240-pin DIMM Socket Graphics-G200 (Winbond WPCM450 BMC w/ graphic controller) Ethernet-Intel I350 Dual Port G-Bit LAN Serial ATA-Intel C602 Power- 1800W Redundant Platinum Level, High-efficiency power supply. External Bays-4x2.5" Hot-Swap SATA Drive Bays Expansion Slots-3x PCI Express 3.0x16 1x PCI Express 3.0x8 (in a16LP slot) Dimensions (WxHxD)-17.2" (437mm) x1.7" (43mm) x30.6"(777mm) Gross Weight-48 lbs SATA 3Gbps AHCI Ports-4 SATA 3Gbps AHCI RAID levels- 0, 1.5, 10 SATA 6Gbps AHCI Ports-2</p> <p>Processor: Product Line-Xeon E5-2600 Socket- LGA2011 Socket Clock Speed -2.0 Ghz QuickPath Interconnect- 7.2 GT/s Smart Cache- 15MB Cores/Thread-6C/12T Intel VT Technology-Yes Intel Hyper-Threading Technology-Yes Intel Turbo Boost Technology-Yes Wattage-95W</p>	1	EA				

CONTINUATION SHEET

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NAME OF OFFEROR CONTRACTOR

All Quoters

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
002	<p>New Category: Stream Cores- 2688 Max Memory Size- 6GB Max Memory Bandwidth- 250 (GB/sec) Peak Double Precision floating point 1.31 Tflops</p> <p>Memory: Technology -DDR3 Type- 240-pin RDIMM Speed- 160 Mhz Error Checking -ECC Signal Processing- Registered</p> <p>Hard Drive: Rotational Speed - 7200 RPM Cache - 64 MB</p> <p>Part No: GPX XT4-2160-3GP</p> <p>If available please include published price list or a cost breakdown and return RFQ package to the following fax number (202) 767-0685 or email nicole.coleman@nrl.navy.mil.</p> <p>Any questions concerning this Request for Quotation (RFQ) must be e-mailed to SolQnA@nrl.navy.mil at least five (5) days before the closing date shown in block 10 on page 1 of the RFQ.</p>	1	EA		