



June 19, 2002

Dear Prospective Bidder,

Thank you for your interest in the sale of a custom rack-mounted 260-node cluster of Compaq XP1000 computers with Myrinet System Interconnects. This is an excellent opportunity to purchase one of the 150 fastest computers in the world at auction!

Enclosed for your review are an Executive Summary, Asset Information, Complete Inventory, Bidding Instructions and the Equipment Purchase Contract.

The Super Computer is located in Boulder, Colorado at a secure government facility. If you are the high bidder, the Seller will professionally disassemble, package, and palletize the equipment. The equipment will be ready for pick-up on or before August 2, 2002. Since the equipment is currently in use by the United States Government and is scheduled to be replaced in early July 2002, removal cannot be finalized until the new system installation has been completed on or before August 2, 2002.

This is an extremely rare opportunity to buy some of the fastest computing power on the market today at auction prices. The Seller has committed to allowing all of the equipment to be sold to the highest bidder above \$325,000! There is no buyer's premium. If you are interested in buying all of the equipment, be sure to bid. If you are interested in buying a group of the assets, also be sure to bid so that if the sum of the bids exceeds \$325,000, you may be part of the final sale.

You may never see this much computing power offered at one time! Be sure to bid following the Sealed Bid Instructions. If you have any questions, please call Ms. Willow Lung at 202-588-8911 or via email at wlung@tranzon.com. You may also contact me directly at 703-927-6838 or via email at skarbelk@tranzon.com.

Sincerely,

Stephen Karbelk

Stephen Karbelk
Executive Vice President

SHORT NOTICE

SUPER COMPUTER AUCTION

**** Absolute Auction above \$325,000 ****

This is your chance to own one of the top 150 fastest computers in the world or to purchase individual, high-performance, Alpha workstations.

On June 27, 2002, Tranzon Fox will be conducting a Sealed Bid Auction for a custom rack-mounted 260-node cluster of Compaq XP1000 computers. Currently used to perform high speed, high reliability calculations for a government weather and forecasting research center located in Boulder, Colorado, this computer cluster has been excellently maintained and is still under manufacturer's warranty through at least December 31, 2002. Per a pre-determined schedule, the government is replacing the computer system with a newer version so the current system must be sold. Bids will be considered for the entire system as well as for multiple nodes.

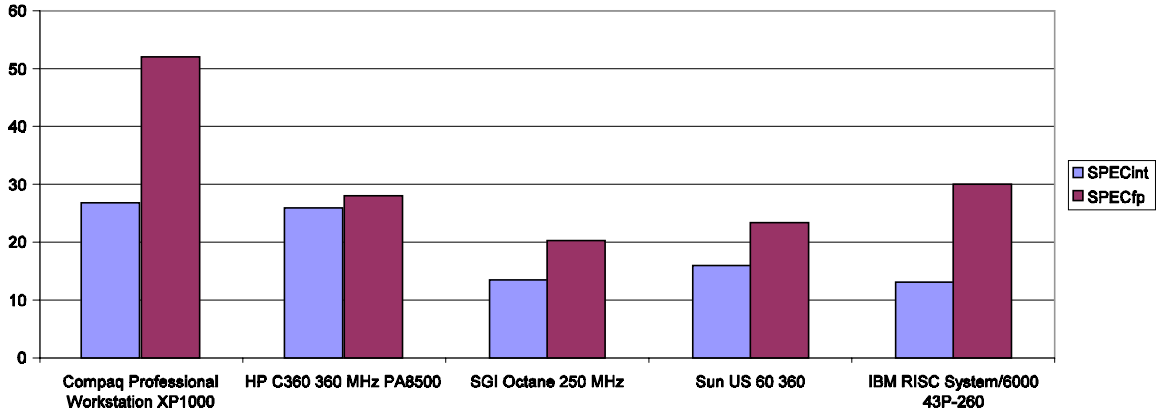
Node Features:

- Alpha 667 MHz / 4MB L2 cache processor
- 512 MB Memory (upgradeable to 2GB)
- Integrated 10/100 Ethernet
- 1x 9GB SCSI drive, 10K
- Myrinet- M2L-PCI64A-2, PCI card (DB style connector)
- Linux 2.4.14

Capable of executing over 200 Giga Floating point Operations per Second (FLOPS), the 64-bit Alpha processor is well suited for the high speed, high reliability environment in which it operates. This is one reason that, over the last decade, the Alpha processor has proven to be one of the fastest architectures on the market. Computations requiring large working sets of memory are handled effectively through the exceptional memory bandwidth of the XP1000. The graph below illustrates how the Compaq XP1000 compares against other leading machines.



CPU Performance – SPECint and SPECfp (Larger is Better)
(source: <http://www.compaq.com/alphaserver/download/benchmark.pdf>)



To meet the real-time processing requirements of this project the architecture was augmented with a Myricom Myrinet high performance interconnect. This provides for high bandwidth and low latency communications between nodes.

Myrinet System Interconnect - Features:

- 1.28Gb/s (each way) interconnect
- 5x M2LM-Clos64: 64 LAN ports, 32 SAN ports
- 4x M2M –SPINE: 64 port SAN ports
- Includes all LAN (DB style) and SAN cables (ribbon)

Technical Information:

For complete technical information, please visit:
www.compaq.com/alphaserver/workstations/xp1000

Inspection and Contact Information:

To schedule an inspection of these assets as well for more information about the Sealed Bid Auction, please visit www.tranzon.com or call Ms. Willow Lung, Tranzon Fox, 202-588-8911 or wlung@tranzon.com.

Location and Date of Sealed Bid:

Sealed Bids are to be delivered to Tranzon Fox, 9554-G Old Keene Mill Road, Burke, VA 22015 by Thursday, June 27, 2002 @ 4:00pm EST. Bids should be submitted on the Equipment Purchase Contract along with a deposit for 10% of the Bid Price. Additional terms of the Sealed Bid Auction are outlined in the Sealed Bid Instructions.

Inventory:

See attached

Removal:

The Seller will professionally disassemble, package, and palletize the equipment which will be ready to be received by the successful bidder(s) on or before August 2, 2002 from Boulder, Colorado. The date of pick-up shall be at the discretion of the Seller but no later than August 2, 2002. If you bid on less than an entirety purchase, the Seller reserves the right to select which equipment you will receive given the large number of units available.

INVENTORY AUCTION #FX6038

Compaq XP-1000 Nodes		
The 256 computational nodes are c0000 to c0256. The IO, Spares, Admin, and Front End machines are listed at the bottom of the list.		
Description	Rack Location	S/N
C0000	1	L945CQB10522
C0001	1	L945CQB10485
C0002	1	L946CQB10619
C0003	1	L945CQB10527
C0004	1	L946CQB10667
C0005	1	L945CQB10452
C0006	1	L946CQB10617
C0007	1	L945CQB10495
C0008	1	L946CQB10621
C0009	1	L946CQB10608
C0010	2	L945CQB10479
C0011	2	L945CQB10476
C0012	2	L945CQB10478
C0013	2	L945CQB10475
C0014	2	L945CQB10471
C0015	2	L946CQB10691
C0016	2	L945CQB10473
C0017	2	L945CQB10472
C0018	2	L945CQB10474
C0019	2	L945CQB10467
C0020	3	L946CQB10689
C0021	3	L946CQB10695
C0022	3	L946CQB10686
C0023	3	L946CQB10692
C0024	3	L946CQB10671
C0025	3	L946CQB10674
C0026	3	L946CQB10680
C0027	3	L946CQB10677
C0028	3	L946CQB10653
C0029	3	L946CQB10605
C0030	4	L946CQB10601
C0031	4	L946CQB10597
C0032	4	L946CQB10599
C0033	4	L946CQB10603
C0034	4	L946CQB10607
C0035	4	L946CQB10587
C0036	4	L946CQB10595
C0037	4	L946CQB10589
C0038	4	L946CQB10591
C0039	4	L946CQB10593
C0040	5	L946CQB10684
C0041	5	L946CQB10602
C0042	5	L946CQB10687
C0043	5	L946CQB10696
C0044	5	L946CQB10690
C0045	5	L946CQB10681
C0046	5	L946CQB10669
C0047	5	L946CQB10672
C0048	5	L946CQB10678
C0049	5	L946CQB10675
C0050	6	L946CQB10568
C0051	6	L946CQB10576
C0052	6	L946CQB10574

C0053	6	L946CQB10567
C0054	6	L946CQB10565
C0055	6	L946CQB10563
C0056	6	L946CQB10572
C0057	6	L946CQB10570
C0058	6	L946CQB10560
C0059	6	L946CQB10558
C0060	7	L946CQB10610
C0061	7	L946CQB10615
C0062	7	L946CQB10676
C0063	7	L946CQB10623
C0064	7	L946CQB10722
C0065	7	L946CQB10554
C0066	7	L946CQB10555
C0067	7	L946CQB10668
C0068	7	L946CQB10552
C0069	7	L946CQB10553
C0070	8	L946CQB10641
C0071	8	L946CQB10693
C0072	8	L946CQB10633
C0073	8	L946CQB10627
C0074	8	L946CQB10643
C0075	8	L946CQB10645
C0076	8	L946CQB10631
C0077	8	L946CQB10629
C0078	8	L946CQB10639
C0079	8	L946CQB10637
C0080	9	L946CQB10708
C0081	9	L946CQB10711
C0082	9	L946CQB10705
C0083	9	L946CQB10717
C0084	9	L946CQB10714
C0085	9	L946CQB10699
C0086	9	L946CQB10702
C0087	9	L946CQB10726
C0088	9	L946CQB10723
C0089	9	L946CQB10720
C0090	10	L946CQB10618
C0091	10	L945CQB10535
C0092	10	L945CQB10458
C0093	10	L946CQB10625
C0094	10	L946CQB10611
C0095	10	L946CQB10620
C0096	10	L946CQB10624
C0097	10	L946CQB10609
C0098	10	L946CQB10622
C0099	10	L946CQB10626
C0100	11	L946CQB10577
C0101	11	L946CQB10584
C0102	11	L946CQB10586
C0103	11	L946CQB10585
C0104	11	L946CQB10581
C0105	11	L946CQB10644
C0106	11	L946CQB10582
C0107	11	L946CQB10583
C0108	11	L946CQB10580
C0109	11	L946CQB10578
C0110	12	L946CQB10658
C0111	12	L946CQB10650

C0112	12	L946CQB10664
C0113	12	L946CQB10656
C0114	12	L945CQB10549
C0115	12	L946CQB10648
C0116	12	L946CQB10652
C0117	12	L946CQB10660
C0118	12	L946CQB10654
C0119	12	L946CQB10666
C0120	13	L945CQB10484
C0121	13	L945CQB10481
C0122	13	L945CQB10477
C0123	13	L945CQB10487
C0124	13	L945CQB10488
C0125	13	L945CQB10483
C0126	13	L945CQB10486
C0127	13	L945CQB10489
C0128	13	L945CQB10455
C0129	13	L945CQB10482
C0130	14	L946CQB10700
C0131	14	L946CQB10724
C0132	14	L946CQB10715
C0133	14	L946CQB10721
C0134	14	L946CQB10718
C0135	14	L946CQB10697
C0136	14	L946CQB10706
C0137	14	L945CQB10528
C0138	14	L946CQB10703
C0139	14	L946CQB10709
C0140	15	L945CQB10514
C0141	15	L945CQB10510
C0142	15	L945CQB10511
C0143	15	L945CQB10616
C0144	15	L945CQB10531
C0145	15	L945CQB10545
C0146	15	L945CQB10516
C0147	15	L945CQB10517
C0148	15	L945CQB10512
C0149	15	L945CQB10518
C0150	16	L945CQB10547
C0151	16	L945CQB10519
C0152	16	L945CQB10541
C0153	16	L945CQB10457
C0154	16	L945CQB10513
C0155	16	L945CQB10521
C0156	16	L945CQB10533
C0157	16	L945CQB10543
C0158	16	L945CQB10389
C0159	16	L945CQB10537
C0160	17	L945CQB10469
C0161	17	L945CQB10480
C0162	17	L945CQB10481
C0163	17	L945CQB10460
C0164	17	L945CQB10488
C0165	17	L945CQB10465
C0166	17	L945CQB10466
C0167	17	L945CQB10462
C0168	17	L945CQB10463
C0169	17	L945CQB10464
C0170	18	L946CQB10558

C0171	18	L946CQB10598
C0172	18	L946CQB10588
C0173	18	L946CQB10592
C0174	18	L946CQB10604
C0175	18	L946CQB10596
C0176	18	L946CQB10590
C0177	18	L946CQB10600
C0178	18	L946CQB10594
C0179	18	L946CQB10606
C0180	19	L945CQB10530
C0181	19	L945CQB10532
C0182	19	L945CQB10534
C0183	19	L945CQB10548
C0184	19	L945CQB10540
C0185	19	L945CQB10538
C0186	19	L945CQB10536
C0187	19	L945CQB10544
C0188	19	L945CQB10546
C0189	19	L945CQB10542
C0190	20	L946CQB10557
C0191	20	L946CQB10569
C0192	20	L946CQB10571
C0193	20	L946CQB10564
C0194	20	L946CQB10561
C0195	20	L946CQB10559
C0196	20	L946CQB10562
C0197	20	L946CQB10573
C0198	20	L946CQB10575
C0199	20	L946CQB10566
C0200	21	L946CQB10663
C0201	21	L946CQB10649
C0202	21	L946CQB10651
C0203	21	L946CQB10655
C0204	21	L946CQB10653
C0205	21	L946CQB10647
C0206	21	L946CQB10657
C0207	21	L946CQB10659
C0208	21	L946CQB10661
C0209	21	L946CQB10665
C0210	22	L946CQB10725
C0211	22	L946CQB10719
C0212	22	L946CQB10710
C0213	22	L946CQB10716
C0214	22	L945CQB10526
C0215	22	L946CQB10707
C0216	22	L946CQB10698
C0217	22	L946CQB10704
C0218	22	L946CQB10713
C0219	22	L946CQB10701
C0220	23	L945CQB10459
C0221	23	L945CQB10450
C0222	23	L946CQB10729
C0223	23	L945CQB10456
C0224	23	L946CQB10612
C0225	23	L945CQB10451
C0226	23	L945CQB10454
C0227	23	L945CQB10524
C0228	23	L945CQB10453
C0229	23	L946CQB10662

C0230	24	L945CQB10526
C0231	24	L946CQB10545
C0232	24	L946CQB10628
C0233	24	L946CQB10640
C0234	24	L946CQB10642
C0235	24	L946CQB10638
C0236	24	L946CQB10636
C0237	24	L946CQB10634
C0238	24	L946CQB10632
C0239	24	L946CQB10630
C0240	25	L946CQB10670
C0241	25	L946CQB10673
C0242	25	L945CQB10523
C0243	25	L946CQB10694
C0244	25	L945CQB10525
C0245	25	L946CQB10682
C0246	25	L946CQB10679
C0247	25	L946CQB10550
C0248	25	L946CQB10688
C0249	25	L946CQB10685
C0250	26	L945CQB10499
C0251	26	L946CQB10551
C0252	26	L945CQB10494
C0253	26	L945CQB10497
C0254	26	L945CQB10496
C0255	26	L945CQB10493
C0256 SPARE #1	26	L945CQB10491
C0257 SPARE #2	26	L945CQB10490
C0258 SPARE #3	26	L945CQB10498
C0259 SPARE #4	26	L945CQB10492
C0260 SPARE #5	11	L945CQB10509
C0261 SPARE #6	11	L945CQB10500
C0262 IO1	11	L945CQB10501
C0263 IO2	11	L945CQB10505
C0264 IO3	11	L945CQB10507
C0265 IO4	11	L945CQB10503
C0266 IO5	11	L945CQB10502
C0267 IO6	11	L945CQB10508
C0268 IO7	11	L945CQB10506
C0269 IO8	11	L945CQB10504
C0270 FE1	FE1	L948CQB10728
C0271 FE2	FE1	L948CQB10727
C0272 FE3	FE1	L948CQB10730
C0273 FE4	FE1	L945CQB10529
C0274 SPARE #7	FE1	L946CQB10579
C0275 SPARE #8	FE1	L946CQB10614
C0276 CADMIN	FE1	L946CQB10635
Myrinet 64-port CLOS Switches		
Model # M2M-CLOS64		
Description	Rack Location	S/N
#1	N3	41812
#2	N3	39707
#3	N3	39703
#4	N4	39704
#5	N4	39706

Myrinet SPINE Switch		
Model #: M2M-Spine		
Description	Rack Location	S/N
#1	N3	41929
#2	N4	42369
#3	N4	42371
#4	N4	42370
Cold Spare Myinet LAN Cards	n/a	M2L-PCI64A-2-38969
	n/a	M2L-PCI64A-2-40209
	n/a	M2L-PCI64A-2-38871
	n/a	M2L-PCI64A-2-38949

SEALED BID INSTRUCTIONS
*** Super Computer Assets * FX6038**

1. **Inspections** – You may arrange to inspect the assets by making an appointment through Ms. Willow Lung, Tranzon Fox at 202-588-8911. The assets are located at a secure facility in Boulder, Colorado. Given the short notice provided for this sale, we have included with the Equipment Purchase Contract a detailed list of equipment, including descriptions and serial numbers, to assist you with the preparation of your bid. The manufacturer’s maintenance support contract shall convey and remain in effect until at least December 31, 2002, as long as the equipment remains in North America.
2. **Equipment Purchase Contract** - To submit a bid, you must use the required Equipment Purchase Contract. Your bid may not be entertained without the signed Equipment Purchase Contract.
3. **Bid Delivery** - Complete the Equipment Purchase Contract and Exhibit A, attach a certified check (or arrange for a wire transfer with Tranzon Fox) for 10% of your bid price made payable to Tranzon Fox, and submit to Tranzon Fox, 9554-G Old Keene Mill Road, Burke, VA 22015. Your bid can be delivered via fax to Tranzon Fox at 703-912-6341.
4. **Deposit Requirement** - DO NOT SEND A CASH DEPOSIT. Your deposit must be in the form of a certified check, made payable to Tranzon Fox, or you may arrange for a wire transfer by contacting Tranzon Fox. The deposit is 10% of your bid price. If your bid is not accepted, your deposit will be returned to you promptly.
5. **Close of Bidding** - Bidding closes at 4:00 p.m. EST on Thursday, June 27, 2002. Tranzon Fox is not responsible for bids that are not received on time.
6. **Notification of Winning Bidder** - Notification of the high bidder will be on Friday, June 28, 2002 by 12:00 p.m. EST. Upon notification by Tranzon Fox that your bid has been accepted as the high bid and the ratified Equipment Purchase Contract has been faxed to you, you must pay the entire purchase price to Tranzon Fox, in full, within 1 business day, unless other arrangements with Tranzon Fox are made. TIME IS OF THE ESSENCE.
7. **Contract Changes** - While not encouraged, if you make any changes to the Equipment Purchase Contract, you MUST make the changes directly to the Equipment Purchase Contract with any deletions clearly lined out and any additions underlined.
8. **Partial Equipment Bid** – While an entirety bid is preferred by the Seller, the Seller will entertain bids on groups of assets. See Exhibit A of the Equipment Purchase Contract for instructions.
9. **Modifications to Bidding Instructions** – The Seller reserves the right to modify these Bidding Instructions. Any notice of modification will be sent via email.

If you have any questions, you may call Ms. Willow Lung, Tranzon Fox, 202-588-8911 or via email at wlung@tranzon.com.

EQUIPMENT PURCHASE CONTRACT

Deliver to: Stephen Karbelk, Executive Vice President
Tranzon Fox
9554-G Old Keene Mill Road
Burke, Virginia 22015
703-912-3308 (office)
703-912-6341 (fax)
Bids Due: Thursday, June 27, 2002 by 4:00pm EST

I, _____, HEREBY
OFFER THE BID AMOUNT INDICATED FOR:

❖ **Auction #FX6038 Exhibit A**

Enclosed is my deposit of \$ _____, which is 10% of my bid. My deposit is in the form of certified funds or cashier's check unless wire arrangements have been made with Tranzon Fox. I understand that if I am not the successful bidder, my deposit will be returned by Tranzon Fox, in full, via regular U.S. mail or wire, unless otherwise directed.

If my offer is accepted by the Seller as the high bid, I agree to purchase the Asset(s) "**AS IS, WHERE IS, AS INSPECTED**" and understand there are no guarantees or warranties of any nature, with the exception of the Compaq warranty, as to condition of the equipment, by the Seller or Tranzon Fox. The balance of the Purchase Price shall be delivered to Tranzon Fox within one business day of written acceptance of the bid by the Seller. Subject to consent of the United States Government, removal of the assets shall be on or before August 2, 2002. It is the responsibility of the Seller to professionally disassemble the cluster, package the assets, shrink wrap the assets on pallets, and have ready for pick-up by the successful bidder on or before August 2, 2002, subject to consent of the United States Government. Title shall be delivered free and clear of any and all liens and conveyed by a Bill of Sale. Any taxes, if applicable, shall be paid by the bidder. The Warranty on each asset shall be assigned and conveyed at closing. In case of a sale of less than the entirety of the assets, the Seller reserves the right to select which assets will be sold to the high bidder(s). Time is of the essence.

Purchase Price \$ _____
10 % Deposit Less \$ _____
Balance of Purchase Price Equals \$ _____

Bidder's Signature: _____ Date: _____

Bidder Printed Name: _____ Company: _____

Address: _____ City _____ State _____ Zip Code: _____

Seller: _____ Date: _____
Accepted: _____
Officer

NOTE: Exhibit A must be included with this contract.

Exhibit A

Auction: FX6038
 Bidder's Printed Name: _____

This Exhibit A is hereby made part of the Equipment Purchase Contract:

Entirety Bid: \$ _____ FOR ALL ASSETS LISTED BELOW.

If you are not bidding on the entirety, then please use the following:

<u>Bid Price per Unit</u>	<u># of Units Bid on</u>	
\$ _____	_____	Compaq XP1000 computers (Alpha 667 MHz / 4MD L2 cache processor, 512 MB Memory, Integrated 10/100 Ethernet, 1x 9GB SCSI Drive, 10K, Myrinet – M2L-PC164A-2, PCI card, and Linux 2.4.14). Serial numbers will range from C0000 – C0255. Max: 256 Units
\$ _____	_____	Compaq XP1000 computers (Alpha 667 MHz / 4MD L2 cache processor, 512 MB Memory, Integrated 10/100 Ethernet, 1x 9GB SCSI Drive, 10K, Myrinet – M2L-PC164A-2, PCI card, and Linux 2.4.14). Serial numbers will range from C0256 – C0261, C0-274 – C0275. Labeled “SPARE”. Max: 8 Units
\$ _____	_____	Compaq XP1000 computers (Alpha 667 MHz / 4MD L2 cache processor, 512 MB Memory, Integrated 10/100 Ethernet, 1x 9GB SCSI Drive, 10K, Myrinet – M2L-PC164A-2, PCI card, and Linux 2.4.14). Serial numbers will range from C0262 - C0273 and C0276. Labeled IO1 – IO08, FE1 – FE4, and CADMIN. Max: 13 Units
\$ _____	_____	Myrinet 64-port CLOS Switches, Model #M2M-CLOS64. Serial Numbers 41812, 39707, 39703, 39704, and 39706. Max: 5 Units
\$ _____	_____	Myrinet SPINE Switch, Model #M2M-Spine. Serial Numbers 41929, 42369, 42371, and 42370. Max: 4 Units
\$ _____	_____	Cold Spare Myrinet LAN Cards, Serial Numbers MSL-PCI64A-2-38969, M2L-PCI64A-2-40209, M2L-PCI64A-2-38871, and M2L-PCI64A-2-38949. Max: 4 Units

Please calculate the total Purchase Price and write next to “Purchase Price” on the Equipment Purchase Contract.