

**UNIVERSITY OF
MASSACHUSETTS
AMHERST**

REQUEST FOR BID

**32 SERVERS FOR A COMPUTER CLUSTER
IN THE ASTRONOMY DEPARTMENT
PER THE ATTACHED SPECIFICATIONS OF APPROVED EQUAL**



AA09-RH-2822

SUBMITTED BY THE AMHERST PROCUREMENT DEPARTMENT

SECTION 1 – GENERAL INFORMATION

1.1 INVITATION

The University of Massachusetts at Amherst, hereafter referred to as the UNIVERSITY, invites interested vendors to submit bids to supply 32 servers for a computer cluster for the Astronomy Department per the following specification or approved equal. The following document contains the specific requirements for bid as well as information that the successful vendor will find helpful in the preparation of the bid.

1.2 ACCEPTANCE/ REJECTION OF BIDS

Only bids that are received by the bid opening date and time will be considered. The UNIVERSITY reserves the right to reject any or all bids, wholly or in part and to make an award in a manner deemed by the Director of Procurement at the Amherst campus to be in the University's best interest. The UNIVERSITY reserves the right to make a partial award for the services requested, or to make an award to more than one vendor.

1.3 PROPOSED IMPLEMENTATION SCHEDULE

RFB Release date to vendors:	June 11, 2008
Deadline for submission of questions:	June 24, 2008 at 3:00 pm
Deadline for University responses:	June 27, 2008 at 5:00 pm
Deadline for submission of bids:	July 3, 2008 at 1:00 pm
Anticipated contract award date:	July 10, 2008
Installation to be completed by:	August 1, 2008

Note: All times are Eastern Standard Time.

1.4 BID OPENING DATE/TIME

Bidders shall deliver their bid response to the following address by **Thursday, July 3, 2008 at 1:00pm, at which time the bids will be opened and publicly read.** Bids shall be clearly marked and addressed to:

**University of Massachusetts
Procurement Department
407 Goodell Bldg.
140 Hicks Way
Amherst, MA 01003
Fax 413-545-1643**

Attention: RFB AA09-RH-2822

It is the sole responsibility of the bidder to insure that its bid is delivered to the Procurement Department in its entirety by the due date and time. Late bids will not be considered, and will be placed, unopened, in the bid file. Faxed bids will be accepted, provided the original is received within 5 working days after bid deadline submission date.

All questions from prospective vendors regarding this Request for Bid shall be referred to the Purchasing Manager in the Procurement Department by email or fax only, by Thursday, June 19, 2008 at 3:00 PM. No telephone calls will be entertained. Inquiries received after the specified date and time will not be accepted. The University will E-Mail its response to all questions to all bidders of record by formal addendum by 5:00 pm on Friday, June 27, 2008.

The contact information for this individual is:

<p style="text-align: center;">University of Massachusetts Amherst Rosemary A. Hassay, Purchasing Manager Fax: (413) 545-1643 Email: rhassay@admin.umass.edu</p>
--

The University will extend the due date by written addendum if such information significantly amends this request for bid or makes compliance with the original proposed due date impractical.

1.5 PUBLIC INFORMATION

All bids and related documents submitted in response to this RFB are subject to the Massachusetts Freedom of Information Law, M.G.L. Chapter 66, and Section 10 and to M.G.L. Chapter 4, Section 7, Subsection 26, regarding public access to such documents. Statements in the bid response that are inconsistent with those statutes will be disregarded.

1.6 COST TO SUBMIT/PRESENT BID

The University is not responsible for any expenses that may be incurred by any bidder to prepare, submit, or present bids.

1.7 COMPENSATION

Invoices submitted to the University by the successful bidder for services provided under the contract will be itemized and priced out by the successful bidder in accordance with the figures contained in the bidder's response to this RFB, Part 2, and Specifications/Bid Response. Therefore, bids must be all inclusive. All payments shall be made in arrears, after equipment has been received, installed, and configured to the satisfaction of the University.

1.8 ALTERATIONS TO BID

The bidder may not materially alter its bid response after the bids have been opened. Only the Director of Procurement may deem what constitutes a material alteration to a bid.

1.9 TERMINATION

The University of Massachusetts reserves the right to terminate this contract if the successful bidder fails to comply with the provisions of the contract. The University of Massachusetts reserves the right to terminate any and all parts of this contract specification due to lack of or reduction in financial appropriations that fund this contract.

SECTION 2 – SPECIFICATIONS / BID RESPONSE SHEET

Listed below are the specifications for each server (for a total of 32 servers).
All 32 servers will be ordered with only one processor type.

Special Note: Two processor types are listed; pricing may be given on either or preferably on both processor types.

Request for Bid # AA09-RH-2822

Quantity	<u>EACH PROCESSOR WILL CONSIST OF THE FOLLOWING COMPONENTS</u> Description	
1 Each	Supermicro - AS 1041 M-T T2B (Black)	
1 Each	Supermicro - AOC-SIMSO IPMI card.	
4 Each	2.0 GHz Quad-Core AMD Opteron Processor 8350	
4 Each	OR 1.9 GHz Quad-Core AMD Opteron Processor 8347 HE	
4 Each	SuperMicro Processor Heatsink - SNK-P0022	
16 Each	2048mb DDR2 667 MHz Registered RAM DIMMS (Apacer or approved equal) * - Correctly and evenly populated. * - Special Note: must be recommended by SuperMicro for the H8QME-2 + Motherboard	
2 Each	320 GB SATAII Hard Drive * - Model ST3320620AS or approved equal	
1 Each	Mellanox ConnectX Infiniband HCA 10 Gb/s * - Model MHEH28-XTC	
1 Each	PCI-Express x 16 Riser card (SuperMicro CSE-RR1U-E16 - included with AS1041M-T2B)	
1 Each	Power supply suitable for AS1041M-T2B Server. * - SuperMicro Model PWS-1K01-1R	
1 Each	Slim DVD Drive	

No monitor, keyboard or mouse - No operating system

All parts listed by Supermicro as included with the AS1041M-T2B system need to be included with servers.

Vendor must fill in max delivery lead-time after receipt of order _____

2.1 PRICING

Bidders shall provide pricing on a per server basis, with a sum total for 32 servers. Separate pricing must be given for each processor type, with details on which processor type is being priced. Failure to follow this protocol may result in disqualification.

Bidders shall agree to hold their pricing for a minimum of sixty (60) days after the bid deadline date.

2.2 ENVIRONMENTAL SPECIFICATIONS

Servers must be capable of operating within the Environmental Specifications outlined by Supermicro for the AS1041M-T2B systems. Operating temperature 50F to 95F (10C to 30C), and humidity 8% to 90% (non-condensing).

2.3 WARRANTY

Minimum three-year warranty on all parts, labor and shipping to the University of Massachusetts.

2.4 OPERATING MANUALS

Included within each server will be full operating manuals. Total operating manuals needed are 32.

2.5 SERVERS MUST BE RACK MOUNTABLE.

2.6 MUST BE DELIVERED FULLY ASSEMBLED, TESTED AND READY FOR INSTALLATION

2.7 DELIVERY

Requested delivery date: On or before August 1, 2008.

Delivery Lead-time after receipt of order: _____

Delivery: FOB, Amherst, MA

Delivery Location:

University of Massachusetts
Attn: Craig West
Astronomy Department
LGRT 619 E
710 N Pleasant Street
Amherst, MA 01003
Phone: 413-545-3014

Reference : RFB# AA09-RH-2822

2.7 BIDDERS EXCEPTION TO CONTRACT TERMS & CONDITIONS

If bidder takes exception to any of the contract terms and conditions contained herein, it must be so noted in the bid. Such an exception may be grounds for rejection of the bid, at the option of the University.

2.8 REFERENCES

At least three references (past and present clients with similar requirements), including the company name, address, telephone number, contact person and E-mail address. Supporting documentation must be included with the bid, either in the form of a list of clients with contact information, and/or letters of recommendation on client letterhead. By submitting this information, bidder authorizes the UNIVERSITY to contact these or other clients for purposes consistent with the review of this proposal.

2.9 BID EVALUATION CRITERIA / AWARD OF THE CONTRACT

The University reserves the right to award this contract in a manner that is deemed in the best interest of the University.

The award will be made to the Bidder who, in the opinion of the selection committee, offers the best package based on a point system. The evaluation will include, but not be limited to, the following (in rank order of importance to the University):

- 1. Bidder's ability to meet the qualifications listed in this RFB
- 2. Cost to the University
- 3. Bidder's references
- 4. Bidder's ability to meet the University's delivery schedule

A complete set of criteria is sealed and placed in the RFB folder for future use in case of any bid protests. The committee will read the bids and score them based on values assigned to each criterion. The points assigned to each criterion are not made public until after the bid is awarded to preserve the integrity of the bid process. Please note that some criteria may be assigned values equal to other criteria.

Company Name: _____	
Bid Submitted By: _____ Signature and Title	
Print Name: _____	
Bidder's Contact Person's Name Title for Questions or Points of Clarification: _____	
Telephone No. (toll free number, if available) _____	
Fax No. _____	E-Mail Address: _____