



Request for Proposal Number 233950

Issued by: Battelle Battelle Boulevard, K7-84 P.O. Box 999 RICHLAND, WA 99352-0999 USA	Ship To address: PO#: XXXXXX Battelle for US DOE 790 6th Street Richland, WA 99354 United States
Contracts Specialist: Name: Andrea Fernandez Telephone Number: 509/375-6534 Fax Number: 509/375-3818 Email: andrea.fernandez@pnnl.gov	Anticipated Freight Terms: DOM FOB-Destination Prepaid. Equipment shall be delivered FOB Richland, WA – Battelle Site (Destination); all shipping charges shall be included in the price. Note: If Foreign Shipped Item - FOB Point shall be Richland, WA – Battelle Site (Delivered Duty Paid); all freight, duties, customs fees, freight forwarder fees, and other taxes shall be included (door-to-door to Richland, WA – Battelle Site) in Offeror's total price.
Proposal Due Date: February 20, 2013	Required Delivery Date: State Best but not later than March 15, 2013
Payment Terms: Net 30 days	Anticipated Contract Type: Fixed Price

Offer We offer to sell the items (or alternate items as specified) at the prices indicated, on the terms and conditions stated and the referenced General Provisions which will be a part of any resulting Contract.		
Offeror shall sign and return with the submitted response		
Firm Name	Telephone Number	Fax Number
Offer Date	Email Address	
Name	Title	
Signature		

This is a Request for Proposal for a Compute Node Cluster titled "PIC Intel Phi testbed" as provided in the Line Items below.

Proposals should be initially submitted on the most favorable price and technical terms which can be offered because of the possibility that award will be made without discussion of proposal received.

In response to this request, a proposal with all information requested shall be provided. Proposals shall include total prices for meeting the stated delivery date. If unable to meet stated date, offer best delivery date.

Battelle intends to award a firm-fixed price contract.

Each proposal submitted shall include a statement of acceptance of Battelle's Fixed Price General Provisions and Special Provisions as provided below.

Offerors shall submit proposals on a firm-fixed price basis in accordance with the provisions described below. Proposals that include estimates, budgetary pricing, or cost-reimbursement sections imbedded in the fixed price may be considered non-responsive. The list of line items below is for Offeror completion and certification to the fixed price requirements for any resulting contract.

Line Items

Item	Material/Description	Qty	Unit of Measure	Unit Price	Total Price
1	Compute Nodes in accordance with the following Technical Specifications: 1) Dual socket Intel Xeon Sandy Bridge E5-2670 8-core 2.6Hz 2) 64GB of DDR3 1600MHz ECC Registered memory 3) Intel Xeon Phi Accelerator 7110P with 8GB GDDR5 memory. Intel Phi 5110P may be considered as a replacement if 7110P not available. 4) Mellanox FDR Infiniband connection either built-in on the motherboard or provided as an HCA. 5) At least 1 Terabyte of local disk storage 6) Capable of running Centos Linux 6.3 or later 7) Dual gigabit Ethernet interfaces with the first interface set to PXE boot 8) IPMI or other management capabilities on one of the Ethernet interfaces or as a separate interface 9) Rail kits to fit APC AR3100 rack with square holes 10) Power cables to connect to APC AP8881 PDUs (C13 receptacles). Power cables not to exceed 2 feet in length.	16	EA		

2	Administrative Nodes in accordance with the following Technical Specifications: 1) Dual socket Intel Xeon Sandy Bridge E5-2670 8-core 2.6Hz 2) 64GB of DDR3 1600MHz ECC Registered memory 3) Mellanox FDR Infiniband connection either built-in on the motherboard or provided as an HCA. 4) At least 1 Terabyte of local disk storage 5) Capable of running Centos Linux 6.3 or later 6) Dual gigabit Ethernet interfaces with the first interface set to PXE boot 7) IPMI or other management capabilities on one of the Ethernet interfaces or as a separate interface 8) Rail kits to fit APC AR3100 rack with square holes 9) Power cables to connect to APC AP8881 PDUs (C13 receptacles). Power cables not to exceed 2 feet in length.	2	EA		
3	FDR Infiniband Network in accordance with the following Technical Specifications: 1) 1 36 port FDR Infiniband switch. No subnet management required. 2) FDR rated cables to connect 16 compute and 2 administrative nodes to Infiniband switch 3) Rail kit to fit APC AR3100 rack with square holes	1	EA		

Environmental specifications:

The cluster will occupy no more than 1 existing APC AR3100 computer rack and be fed by no more than two APC AP8881 PDUs.

Items to be provided by Battelle:

- 1) APC AR3100 computer rack
- 2) APC AP8881 PDUs
- 3) Ethernet cables for both Ethernet and IPMI network
- 4) Ethernet switches for both Ethernet and IPMI network
- 5) Hardware installation
- 6) Operating system

Battelle Contracts Representative

The Battelle Contracts Representative, Andrea Fernandez, is the sole point of contact for any communications or questions regarding this acquisition/solicitation.

Solicitation Provisions

In addition to the requirements outlined herein, the Solicitation Provisions, Form A-609-SP (December 2012), available at <http://www.pnnl.gov/contracts/documents/solicitations.asp> apply to this Request for Proposal.

Contract Contents

Each proposal submitted shall include a statement of acceptance for the following General Provisions: The Fixed Price General Provisions for Commercial Items - Supplies/Services, Form A-409.9-CI dated November 2012, apply and may be viewed at <http://www.pnl.gov/contracts/documents/generalprovisions.asp>. OR GSA contract provisions if applicable.

Submission of Proposals

Battelle is pursuing the acquisition of this Compute Node Cluster as a commercial item.

Proposals should be prepared simply and economically, and provide a straightforward, concise delineation of the information required to be furnished. Emphasis should be on completeness and clarity. Elaborate brochures or other presentations are neither required nor desired.

Battelle is not obligated to pay any cost incurred in the preparation and submission of a proposal, nor to enter into a Contract or any other arrangement with any Offeror.

Each proposal submitted shall include:

- A. Completed Representations and Certifications - Commercial Items Form included with this Request for Proposal. The form may also be viewed at: <http://www.pnl.gov/contracts/documents/solicitations.asp>
 - The NAICS code for the Small Business Program Representations part A.1. is **334111**.
 - The size standard for the Small Business Program Representations part A.2. is 1000 employees.
- B. A price offer with all information requested herein including the completed Certificate of Established Catalog of Market Price Form, as applicable. The form may also be viewed at: <http://www.pnl.gov/contracts/documents/solicitations.asp>
- C. Acceptance statement – Each Proposal submitted shall include an Affirmative Statement of Acceptance to any Scope, General Provisions, and Terms and Conditions presented in this Request for Proposal.
- D. W-9 Form
- E. Proposals should be submitted electronically to andrea.fernandez@pnnl.gov by a representative of the Offeror authorized to enter into legally binding commitments. The subject line should include the statement **"Proposal to RFP 233950."**

Proposal Due Date

Proposals shall be delivered to Battelle by **4:00 PM Pacific Time on or before February 20, 2013**.

Proposal Validity Period

Proposals shall be valid for a minimum of **60 days**.

Contract Award (cl 600 -- Aug 2012)

Battelle may evaluate proposals received in response to this solicitation without discussion (initial proposals should contain the offeror's best price and technical terms). Contract award, if any, will be made to the responsive, responsible offeror whose evaluated proposal provides the lowest price after satisfying all the technical requirements of this solicitation.

Battelle may:

- A. reject any or all proposals;
- B. request clarification of minor irregularities, informalities or apparent clerical mistakes;

- C. waive minor irregularities, informalities or apparent clerical mistakes in offers received
- D. accept any item or combination of items, unless doing so is precluded by a restrictive limitation in the solicitation or the proposal;
- E. award multiple contracts as a result of this solicitation;
- F. reject a proposal as non-responsive if the prices proposed are materially unbalanced between line items or sub-line items. A proposal is materially unbalanced when it is based on prices significantly less than prices for some items and prices which are significantly overstated in relation to prices for other items, and if there is a reasonable doubt that the proposal will result in the lowest overall price to Battelle even though it may be the lowest evaluated proposal, or if it is so unbalanced as to be tantamount to allowing an advance payment;
- G. conduct site visits to the home or field offices of offerors determined to be in the competitive range (offerors will be notified with the date and time of arrival, an outline of the duration of the visit and any assistant/information required);
- H. require oral presentations from any or all offerors, determined to be in the competitive range (offerors will be notified of the time and place for such presentation);
- I. request oral and/or written discussions;
- J. determine a competitive range, including all proposals that are judged to have a reasonable chance of being selected for award, and negotiate with all offerors within it. (In the event a competitive range is determined, it will be based solely on Battelle's judgment, and Best and Final Offers will be requested at the conclusion of negotiations); or
- K. negotiate only with a single offeror to further reduce the price paid if, in the judgment of Battelle after a review of the technical and price offers, only one offeror has a reasonable chance of being selected for award.