

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Old PWD Rest House, Second Floor, Mandi – 175001(HP)

TENDER FOR HIGH PERFORMANCE COMPUTING (HPC) SYSTEM
Tender Enquiry No. IITM/TEN/HPC/2010-12/01
DATED: 30th December 2010

DUE DATE FOR SUBMISSION OF TENDER VIA POST: **4:00 P.M. ON 21st JANUARY 2011**

1. **Background:** IIT Mandi is one among the new set of IITs announced by the Govt. of India. It is currently operating at its transit campus located at Vallabh Degree College, Mandi town. The institute is planning to purchase a High Performance Computing System to be installed in its HPC Centre. This will facilitate the faculty and students of IIT Mandi to carry out high end computation and related research activities. Sealed quotations are invited from the prospective vendors as per the details given in Annexure-I to Annexure-IV.
2. **Eligibility Criteria of Bidders:**
 - I. Bidder should be OEM/Authorized Partner /service provider of the OEM and a Letter of Authorization from OEM on the same and specific to the tender should be enclosed.
 - II. The bidder shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number allotted by the concerned authorities.
 - III. The bidder must have experience of executing similar orders of HPC with at least 64 cores. The bidder must enclose documentary evidence of supplying and integrating minimum of 2 orders of HPC systems of their own or of an OEM with at least 64 cores within the last 3 financial years for any organization.
 - IV. The company must not have been blacklisted anywhere in India or abroad by any organization whatsoever. A certificate or undertaking to this effect must be submitted.
 - V. All the submitted certificates must be valid for the entire duration of the project including the warranty period of the HPC system.

An undertaking, stating the compliance of the conditions as in 2 should be attached.

3. **Submission of Proposals:**
 - I. The bidder shall go through the entire document and must comply with all the terms and conditions. A Compliance statement in the form of "Complied" or "Not Complied" shall be given against each item and specification of the tender document (Annexure - II). The compliance statements should be supported by authentic documentation. Failure to comply with this requirement may result in the bid being rejected. The bid should be printed and there should not have any cuttings / corrections at any page of it. Failure to comply with this requirement may result in the bid being rejected.
 - II. The proposals shall be submitted in two parts and should be super-scribed as "PART – I: COVER FOR TECHNICAL BIDS" and "PART-II: COVER FOR COMMERCIAL BIDS" (**due date 21.01.2011, up to 4:00 PM**) and the vendor name/address on the two envelopes. The envelope cover must carry the "Tender Enquiry No." reference and the vendor name and address. All the two sealed envelopes shall be submitted in a larger envelope with the "Tender Enquiry No." reference and vendor name and address. This envelope should be duly signed by an authorized signatory and should bear the inscription as under:

“Tender for High Performance Computing (HPC) System”
“Tender Enquiry No.”: IITM/TEN/HPC/2010-12/01
“Dated December 30, 2010

- III. Part-I shall be a Company Profile covering all the documents specified in the “Eligibility Criteria of Bidders” under clause 2 above, as well as a Technical Proposal with full details including description of product so as to enable technical assessment of the proposal and categorical clause wise compliance statement as per Annexure - I to Annexure II.
- IV. The Technical bid must be submitted in an organized and structured manner. No brochures/leaflets etc. should be submitted in loose form. The Technical Offer should comprise of the following:
 - 1) A letter of authority duly signed by an authorized signatory.
 - 2) Complete Information of Commercial bid with Product Name, Specification, and Manufacturer quoted for.
 - 3) Columns related to commercials must not be filled up.
 - 4) Technical Documentation, Product Brochures, leaflets, manuals etc.
 - 5) Delivery and implementation schedule.
 - 6) Compliance of terms with any deviation clearly indicated in remarks & brought in separate deviation sheets.
 - 7) Warranty details.
- V. Part – II should contain The Commercial Bids for the entire proposal with breakup of the prices. The bidders are requested to quote
 - 1) Product Name, Specification, Manufacturer with charges for installation, configuration and support for solution in INR.
 - 2) Prices quoted shall be inclusive of all escalation of any description. The rates must be quoted including the following:
 - a) All costs should be given in Figures and Words.
 - b) Prices should be inclusive of all taxes and duties.
- VI. Bids Acceptance: The Bids must reach the office of the Director, IIT Mandi, on or before the due date, i.e., on **21st January, 2011 by 4.00 P.M.** Bids will not be accepted after the due date and time.
- VII. Validity of bids: Bids should be valid for a minimum period of 90 days after the due date.

4. Rejection of Bids:

- I. IIT Mandi reserves the right to accept or reject any bid or cancel the tender proceedings without assigning any reason whatsoever.
- II. IIT Mandi at its sole discretion reserves the right to award/reject the contract in one or more parts to one or more bidders. Incomplete quotations are liable to be rejected.
- III. Canvassing in any form in connection with the tenders is strictly prohibited and the bids submitted by the bidders who resort to canvassing are liable for rejection.
- IV. IIT Mandi shall not pay any costs incurred towards preparation and submission of the bid or any other expenditure in this regard.
- V. Unsigned tenders, unattested corrections and over writings by bidders are also liable for rejection.
- VI. Conditional bids will be summarily rejected.
- VII. The schedule for accepting the tenders shall be strictly followed- late tenders shall not be accepted.

5. Evaluation Process:

For the bidders satisfying the Qualifying Criteria and Technical Specifications, the price comparisons shall be made over the total cost of the solution in INR (including all taxes and duties) with three years of on-site warranty that includes shifting of the HPC system from the current Vallabh Degree College campus to the new IIT Mandi campus in Kamand. The bidder with the lowest total price will normally be selected from the bidders satisfying the Qualifying Criteria & Technical Specifications.

6. Earnest Money Deposit:

The tenderer shall deposit a Demand Draft of Rs. 50, 000 /- (Rupees Fifty thousand Only) as earnest money and another separate demand draft of Rs. 1000/- towards non refundable tender fee, in favour of "Registrar, IIT Mandi" payable at Mandi. The earnest money deposit will be refunded to the tenderers whose offers have not been accepted within 30 days of opening of tenders. Earnest money deposit of the successful bidder will be adjusted against invoice.

7. Prices & Payment Terms:

- I. The bidders are requested to quote on F.O.R. Destination basis by road inclusive of all Packing, Forwarding, Freight charges, Transit Insurance and any other charges as applicable, as per Annexure - II in INR with 3 year Comprehensive Warranty.
- II. IIT Mandi is registered with DSIR, Govt. of India and is, therefore, likely to be exempted from excise/custom duties as per limits and terms of Govt. Of India. Exemption certificate for the same shall be issued by IIT Mandi, as and when required/requested for.
- III. Bidders must quote the comprehensive price in the following format explicitly.
 - a. Base unit Price
 - b. Excise Duty/ Custom Duty
 - c. Sales Tax/ VAT
 - d. Entry Tax
 - e. Octroi
 - f. Other Levies/ Taxes
 - g. **Total price inclusive of all taxes and duties FOR, IIT Mandi, Mandi.**
- IV. Payment will be made after the successful commissioning (delivery, installation, testing and training) of the project.

8. Clarifications:

In case the bidder requires any clarification regarding the tender documents, they are advised to send their queries through email (Dr. Prasanth P. Jose, email: prasanth@iitmandi.ac.in or Dr. Manoj Thakur email: manoj@iitmandi.ac.in) by **7th of January 2011**.

9. System Variations:

The proposed system is subject to change depending on IIT Mandi's priority vis-à-vis financial constraints, if any.

10. Warranty:

Three (3) years onsite warranty for the equipments from the date of acceptance of installation (including the shifting of the HPC system from the current Vallabh College campus to the proposed new IIT campus at Kamand, Mandi). In case the order exceeds INR 25 lakhs a performance bank guarantee of 5% of the equipment cost for the duration of the warranty period will be taken from the successful bidder.

11. Service:

The successful bidder OEM/authorized partner of the OEM should provide an on-site service at IIT Mandi within 2 working days after the reporting of issues with the HPC system to the bidder.

12. Delivery period:

Within 8 weeks from the date of receiving the purchase order.

13. Liquidated Damages:

If the supplier fails to deliver any or all of the goods within the period specified in the purchase order, IIT Mandi shall without prejudice to its other remedies, deduct as liquidated damage 1% of the price of the delayed goods for every week or part thereof subject to a maximum of 10% of the order value. The amount towards Liquidated Damage would be recovered while making the initial payment itself.

14. Penalty Clause:

In case of non-supply of goods or inability to execute the work within a stipulated time (8 weeks after the acceptance of purchase order), the supply order shall be placed with the next bidder which has quoted the next lowest rates at the risk and cost of the defaulting bidder and difference, if any, between the total cost of the materials shall be chargeable to the defaulting bidder. In case the defaulting bidder fails to pay the differential cost, the legal action shall be taken against the defaulting bidder.

15. Force Majeure:

Any delay due to Force Majeure will not be attributable to the bidder.

16. Arbitration and Laws:

Except where otherwise provided for in the contract, all questions and disputes relating to interpretation and application of the provisions of the contract shall be settled mutually within thirty (30 only) days (or such longer period as may be mutually agreed upon) from the date that either party notifies in writing that such dispute or disagreement exists, under the Rules of Indian Arbitration and Conciliation Act, 1996. The venue of Arbitration shall be Mandi, Himachal Pradesh, India. The arbitration resolution shall be final and binding upon the parties and judgment may be entered thereon, upon the application of either party, by Mandi court having jurisdiction. The Indian laws shall govern this contract.

ANNEXURE – I

GENERAL TERMS AND CONDITIONS:

1. Bidder OEM/authorized partner of the OEM/service provider of the OEM must satisfy the qualifying criteria as per 'Eligibility criteria of bidders' clause 2.
2. IIT Mandi is registered with DSIR, Govt. of India and is, therefore, likely to be exempted from excise/custom duties as per limits and terms of Govt. of India. Exemption certificate for the same shall be issued by IIT Mandi, as and when required/requested for.
3. Prices: Vendor should quote prices in INR for IIT Mandi.
4. Taxes: The rates quoted for must be for IIT Mandi and all taxes should be mentioned clearly. Total bid value including all taxes and duties must be mentioned clearly. The bids will be compared on this total value.
5. Project Completion Period: 8 weeks from the date of receiving purchase order.
6. Consignee or Bill to be sent to: The Director, IIT Mandi
7. Terms of Payment: As per 'Prices & Payment Terms' clause 7.
8. Institute's Rights: IIT Mandi reserves the right to accept or reject any or all the bids without assigning any reason thereof.
9. Last date of bid submission: 21nd January 2011, 4.00 pm.
10. Technical bid opening : 25th January 2011, 10:00 am.
11. Price bid opening: 27th January 2011, 10:00 am. Venue: IIT Mandi, Mandi (HP)
12. Queries related to this tender can be made through email on or before 7th of January 2011. Queries after this date will not be entertained.

ANNEXURE – II

Technical Specifications for the HPC

- 1. ~128 cores Intel® Xeon® Processor E5620 processors with 8 cores/node, 12 MB L3 cache, Support memory speed 1066 Ghz.**
- 2. 1 GB DDR3 1066 Ghz. memory per core (optional 2 GB / Core).**
- 3. 5 TB SATA, 7200 RPM installed on the master node.**
- 4. 1 TB SATA, 7200 RPM installed on the computing nodes.**
- 5. Optical DVD R/W Drive on each node.**
- 6. Dual Gigabit (10/100/1000 Mbps Ethernet) interface on board on each node.**
- 7. 24 Port Gigabit switch with cables**
- 8. Operating System: Open Source Linux (Centos/Fedora/Debian/RHEL)**
- 9. 16 port KVM switches with cables / Individual node monitoring facilities with monitor, keyboard, and mouse**
- 10. Rack Mountable Chassis with Rack. Including all required accessories for Mounting the equipment quoted.**
- 11. Job Scheduler (Open PBS / optional PBS Pro / Sun Grid Engine).**
- 12. Installation of softwares (available at IIT Mandi) in the HPC system.**

The quote should include all necessary accessories such as Mother Board, Power supplies *etc.* to run the cluster with above specified hardware configuration. All accessories should be compatible with the operating system installed.

ANNEXURE – III

We (The Bidder) undertake and confirm that:

1. We hereby offer to supply the goods detailed in schedule thereof as you specify in the purchase order at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of bid.
2. Rates quoted are FOR at site (Indian Institute of Technology Mandi) located at Mandi, Himachal Pradesh.
3. The product quoted has warranty as specified in the Annexure II of this tender document.
4. The Bidder/OEM/authorized partner of the OEM/service partner of the OEM shall provide its service to IIT Mandi at Mandi within 2 working days after the reporting of issues with the HPC system.
5. The product names for the total solution are mentioned and also enclosed the data sheets for the same.
6. The warranty in respect of the product ordered shall remain valid for three year from the date of acceptance of installation.
7. Any delay by the supplier in the performance or delivery of items shall render the supplier liable to cancellation of the purchase order for default. The Bidder would ensure installation/commissioning/testing of the HPC system and its functionality within 8 weeks of the release of purchase order.
8. The bid/quotation is submitted for the complete Solution and strictly as per the tender specifications.
9. During warranty services will be provided directly on site.
10. Every page of the submitted bid has been numbered and signed.

It is hereby confirmed that we have understood the terms and conditions of the tender and have thoroughly examined specifications and are thoroughly aware of the nature of goods required and our offer is to supply goods strictly in accordance with the requirement and terms and conditions of the tender. We agree to abide by the terms and conditions of the tender if the contract is awarded to us.

“Bid Form” as specified in Annexure - IV has been included.

Place:

(Signature and seal of Bidder)

Date:

ANNEXURE – IV

BID FORM

To
The Director,
IIT Mandi.

Dear Sir,

1. Having examined the terms & conditions of the contract and specifications, the receipt of which is hereby duly acknowledged, we, undersigned, offer to supply and deliver the goods, in conformity with the said drawing, conditions of contract and specifications and services as per the terms & conditions of the contract, for the sums shown in the schedules of price attached herewith and made part of this bid.
2. We undertake, if our Bid is accepted, to execute the work within 8 weeks from the date of issue of your purchase order.
3. We agree to abide by this Bid for a period of 90 days from the date fixed for Bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. Until a formal Purchase Order of Contract is prepared and executed this Bid together with you
5. Written acceptance thereof in your notification of award shall constitute a binding contract between us.
6. Bid submitted by us is properly wax sealed and prepared so as to prevent any subsequent alteration and replacement.

We understand that IIT Mandi is not bound to accept the lowest or any bid that it may receive.

Dated this _____ day of _____

Signature of _____

In capacity of _____

Duly authorized to sign the bid for and on behalf of _____

Witness _____

Address _____

Signature & Seal