

**Doctor Harisingh Gour Vishwavidyalaya, Sagar (M.P.), INDIA
(A Central University)**



TENDER DOCUMENT

DHSGU/PUR./DORD/2011-12/03

Date: 30-03-2012

**Supply, Installation and Commissioning of
Super Computing System
under UGC (Plan grant)**

**Central Instrumentation Lab
Research & Development
Dr. Harisingh Gour Vishwavidyalaya,
Sagar (M.P.)**

Doctor Harisingh Gour Vishwavidyalaya, Sagar (M.P.), INDIA
(A Central University)



No.DHSGU/PUR./DORD/2011-12/03

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SHORT TENDER NOTICE

"Supply, Installation and Commissioning of Super Computing System under UGC (Plan grant)"

Sealed tenders under two bid systems (Technical and Commercial) are invited from OEM/their authorized dealers for purchase of Super Computing System for Central Instrumentation Laboratory of the University. Complete details of the equipment can be downloaded from the University website www.dhsgsu.ac.in. The **last date** for submission of the tender is **16-04-2012 (5.00pm)**.

-sd-
Dean
(Research & Development)

Requirement

Supply, Installation and Commissioning of Super Computing System under UGC (Plan grant) as per specifications given below:

Super Computing System: Compute Node 6 nos with 4 x 8 Cores Power 7 Processor @ 3.6GHz speed, atleast 4MB L3 Cache per CPU core, 2 x 300 GB 10 K RPM SAS, 128 GB DDR3 RAM @ 4GB per core, Dual port Infiniband HCA, 4 port 10/100/1000 Ethernet PCI Adapter

Head Node of 4 core Power 7 Processor @ 3Ghz speed, 3 X 146 GB 10 K RPM SFF SAS, Optical Drive, 16 GB DDR3 RAM, Dual port Infiniband HCA, 4 port 10/100/1000 Ethernet PCI Adapter, 2x SAS Adaptor for Storage connection. **Storage System** with Dual Controller active-active with 6Gbps SAS Ports, Hardware RAID support, With NL SATA Disk only delivering 50TB Storage Capacity post RAID 6 x 5 nos High Speed Switch Standard Infiniband Switch for MPI Communication and IO Operations with storage. **Cluster Management Network** of 24 Port 1Gb Ethernet Rack Switch with cables Keyboard, Mouse and LCD Monitor, 3 nos of 42U Rack.

Software Component of the Solution Linux for Compute and Head Nodes , commercial or OEM supplied and supported, C & Fortran Compiler for RISC or EPIC System, commercial or OEM supplied and supported, Engineering & Scientific Libraries, commercial or OEM supplied and supported, Cluster Management & Monitoring Suit, commercial or OEM supplied and supported, Cluster Job Scheduler , commercial or OEM supplied and supported, Parallel environment software (MPI) , commercial or OEM supplied and supported, Parallel File System for Compute nodes for better storage throughput, commercial or OEM supplied and supported, Parallel File System for Master Node for better storage throughput, commercial or OEM supplied and supported.

Data Center : UPS and PAC cooling for proposed Super Computer Solution Data Center work (Excluding Masonry work) which includes Precision Air Conditional cooling Unit, False flooring and False ceiling built-in DC, Power routing from main distribution unit within DC, UPS with some headroom, Fire Alarm system, Fire suppression system, Rodent Repellant system, CCTV system. Minimum DC size should be 12ft x15ft for current solution with possibility to expand in future. Power requirement 22000 watt, rack space 79U in the room to be provided by the University.

I. Terms, Conditions and General Information:

1. Last date and time of receipt of Tenders: **Monday, 16.04.2012 (5.00 p.m.)**
2. Date & Time of opening of Tender: **Tuesday, 17.04.2012 (1.00 p.m.)**
3. **Tender Document Fee: Rs. 2500/- and Processing Fee: Rs 5000/- (Non refundable) Earnest Money Deposit: 2% of the price quoted** in favour of Registrar, Dr. Hari Singh Gour University, Sagar (M.P.)
4. **Purchase of Tender Document:** Tender document may be downloaded from the University website www.dhsgsu.ac.in or can be purchased on or before **16.04.2012 (3.00pm)** from the Office of Dean, Research & Development, Admn. Building, Dr. H S Gour University, Sagar on payment of fee as specified above. Tender document downloaded from the website should be accompanied with the tender document fee, in the form of Demand Draft, failing which bid will be rejected.
5. 'Two-Bid-Systems' have to be strictly followed. (one for Technical Bid and another for Commercial Bid *in separate covers*).
6. The University shall not be responsible for any delay/loss or non-receipt of tenders by post / courier service.
7. No unsolicited correspondence shall be entertained after submission of the offer.
8. **Bidder must sign and stamp all the pages of tender document and supporting documents towards acceptance of the terms and conditions.**
9. Tender Document Fee and Processing fee must be enclosed with the Technical Bid and EMD with the Commercial Bid.
10. **Quoting merely the lowest price does not confirm any right to any bidder for award of supply order. The University's Purchase Committee, reserves the right to select the equipment from any bid under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support, additional warranty, offer of additional/special features, compatibility with existing system, training, etc.**
11. Tender is not transferable.
12. Bids complete in all respects superscribing the envelope '**Tender for Super Computing System**' must reach the **Dean, Research & Development, Dr. Harisingh Gour University, Sagar-470003(M.P.)** on or before 16-04-2012 (5.00pm). Bids received late shall not be entertained.
13. **Price Schedule:** Price should include the Delivery, installation, commissioning, training charges (if any), etc. at the University. The prices quoted shall remain final until equipment is supplied to the University.
14. **Quoting the Core price & Tax, Duties, Discount etc.;** Taxes / duties /discounts, if applicable, are to be explicitly and separately shown in the bid.
15. **Eligibility:** The OEM must have the requisite domain expertise with regard to supply, installation and post-sale service of the equipment. The OEM should have been in existence for at least six years as on the date of this tender and must have executed at least three orders for this kind of equipment during the last three years.
16. **Warranty:** Equipment covered under this tender, when purchased and installed, shall be warranted for the quality, workmanship, trouble free operation and performance for a period of at least **36 (Three years) months from the date of putting the system into operation at the University,** or at least 42 months from the date of receipt of the last lot of the consignment in India. If any item

warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways. (A signed Bidder's Warranty as per **ANNEXURE-IV** has to be submitted along with the Bid Document). However, it shall be obligatory on the part of the OEM/Bidder to extend the support for atleast next five years after the warranty period.

17. The information pertaining to infra-structural, power and any other requirement for satisfactory installation and commissioning of the whole system must be provided by the bidder, at least 120 days in advance of the installation to be commenced if purchase order is issued. All drawings for electrical connections, electrical safety items piping work etc. must be provided in detail.
18. Complete technical specifications and literature, including process flow, to be included with the quotation. Manufacturers of various major parts/equipment must be mentioned explicitly.
19. A clear statement regarding availability of after-sales service and availability of spare parts for next 5 to 10 years should be included.
20. A recent customer list (within last five years) with contact details including email address is to be submitted with technical bid.
21. If the bidder is an authorized representative in India, they are required to inform their technical ability to take care of the problems in the system, if developed later within the warranty and outside the warranty period. **The responsibility of the Indian agent must be clearly specified.**
22. Bidder from abroad shall obtain, if required, export permission from the appropriate authorities in his country or the country of origin for items to be shipped to India in case of items to be imported. The University shall provide necessary information if required for this purpose.
23. Equipment must operate at 230V/50 Hz single phase and / or equivalent three phase electrical power.
24. The validity of the quotation should be at least 180 days from the closing date of bid.
25. If an order is placed with the firm, the purchase shall be governed by an agreement as per the University rules in force at the time.
26. To safe guard the interests of the University, additional terms & conditions will be incorporated in the purchase order, if needed.
27. **Dispute:** In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.
28. **Power to reject the offer:** The University reserves the right to accept /reject any offer in full or in part or accept any offer other than the lowest offer at any stage without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.
29. **Liquidated damages:** Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In case of failure to supply within the time specified in the Purchase order, a penalty/LD of 0.5% of the total value per week or a part thereof shall be levied subject to a max. of 7.5% in respect of items which are not supplied. The decision of the University shall be final in this regard.
30. **Training:** Training shall be provided by the supplying companies on the specimen and operation of the equipments for a minimum period of two weeks from the date of installation with an expert team.
31. **Deadline:** Bids received after the deadline will be rejected or returned unopened. However, the university may extend deadline by amending the Tender Document, duly notified on the University website.

32. **Clarification:** For any clarification with respect to technical specifications, please contact the Dean, Research & Development.

III. Specific Condition for Imported equipments:

1. The bid must contain genuine **tender specific Authorization Certificate from the OEM** failing which bid will be rejected, inter alia stating that all needed support shall be provided by the OEM/their authorized partner for the period specified in the tender.
2. **Payment of EMD:** Tender must be accompanied with EMD (**Two per cent** by way of Demand Draft) **in sealed envelope** in favour of Registrar, Dr. Harisingh Gour University, Sagar, 470003 payable at Sagar separately. EMD shall be returned after placing the order on the successful bidder. No interest shall be payable.
3. **Payments Terms:** On receipt of acceptance letter and proforma invoice from supplier, a Letter of Credit of 100% value of PO shall be opened on a nationalized bank. However, 90% payment shall be made after shipment and balance 10% on installation and submission of Performance Bank Guarantee issued from a nationalized bank valid for 1 (One) year from the date of installation or 15 months whichever is later. No interest shall be payable on PBG. Bank charges in India shall be borne by the University and outside India shall be borne by the Supplier.
4. The offer must be in English. The rates should be indicated both in figures and words against item specified in the given table. The price be quoted in **Indian Rupees** also (in case it is in US Dollars/major foreign currency, taking the exchange rate on the date of bidding).
5. The total cost should be quoted for FCA as well as CIP Indian airport – Dr H. S. Gaur University, Sagar.
6. However, the price quoted under FOB should also include the following cost if they are required during the initial stage:
 - a. Local freight/insurance to the University laboratory, at Sagar;
 - b. Installation cost, if any; and
 - c. Cost of consumables which are required for the equipment for initial operation up to a reasonable time.
7. The fee of local agent should be paid by the bidder in INR.
8. The bidder from within India shall obtain the requisite approval for Imports etc., if required.

IV. Specific Condition for Indigenous Equipments: (Not applicable to this tender)

1. **Price Schedule:** The FOR price quotes on Indian Rupees should also include the expected installation cost in the University and also cost of consumables which are required for the main equipment for initial operation up to a reasonable period.
2. **Time Limit for supply:** The Successful bidder should supply the item within one month after receipt of the purchase order.
3. **Payments terms:** Out of total contract/purchase price, 90% amount will be paid on satisfactory installations and balance 10% shall be retained as Security Deposit, towards satisfactory performance of the equipment, and shall be released on furnishing the performance Bank Guarantee(format enclosed in ANNEXURE -III) (obtained from any Nationalized Bank in India) valid for the Warranty period.

V. Specific Conditions for supply of software: (Single Vendor/Multiple Software Distributor)

1. The Bidder(s) must be authorized business partners of Global/National service providers of the respective Software Packages.
2. The Bidder(s) must enclose authorization letter from the respective global/ national service providers of the above said Software particularly mentioning an undertaking that in case of default by the Bidder, they (Global Service Provider) shall take over all the responsibilities of the Bidder.
3. The Bidder(s) should not be involved in any Bankruptcy filing for protection from it.
4. The necessary service support should be provided by Bidder(s) during the agreement period.

-Sd-
(Prof. N. K. Jain)
Dean, Research & Development

30/03/2012

Note: This is a computer generated document and does not require signature.

The Tender Document Contains:

1. Specifications & Allied technical Details
2. General Information;
3. Common Conditions Import or Indigenous items
4. Specific Condition for Imported equipments;
5. Specific Condition for Indigenous Equipments
6. Specific Conditions for the supply of software;
7. Tender Form (Techno Commercial Unpriced Bid)

ANNEXURE-I

8. Tender Form (Priced Bid) **ANNEXURE-II**; 10. Format of the Bank Guarantee (BG) Form.
9. Bank Guarantee **ANNEXURE-III**; 12. Bidders Guarantee **ANNEXURE-IV**

TENDER FORM
(Techno Commercial Unpriced Bid)
(On the letter head of the firm submitting the bid)
Tender No.....

To,
Dr. Harisingh Gour Vishwavidyalaya,
Sagar, 470003, MP

Dear Sir,

1. I/We hereby offer to supply the item Super Computing System as per specifications given in this tender. I/we shall be bound by a communication of acceptance issued by you.
2. I/We have understood the Instruction to bidders and Conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
3. A crossed Demand Draft in favour of Registrar, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.), payable at Sagar for Rs..... (Rupees..... only) as Earnest Money is enclosed. The Draft is drawn onBank payable at Sagar.
4. The following have been added to form part of this tender.
 - (a) Schedule of requirements, quoting the make only duly signed and stamped.(without indicating price)
 - (b) Income Tax clearance certificate.
 - (c) Copy of last audited balance sheet.
 - (d) Copy of Valid Central/State sales tax registration certificate.
 - (e) Copy of relevant major purchase orders valuing more than Rs. 200000/- executed during last two years for Govt. Depts., PSUs & Central Autonomous bodies.
 - (f) Proof of manufacturing Unit, dealership certificate/general order suppliers.
 - (g) Statement of deviations from financial terms & conditions, if any.
 - (h) Any other enclosure. (Please give details)

We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.

Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/
constituted attorney of the sole proprietor,

Or

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

Or

A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariable be duly attested by the person authorized to sign the bid document).

We do hereby undertake, that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.

Yours faithfully,

(Signature of bidder)

Dated this day of _____

Address:.....

.....

.....

Telephone:_____

FAX_____

E-mail_____

Company Seal

Tender Form
(Priced Bid)

(On the letter head of the firm submitting the bid document)

To
Dr. Hari Singh Gour Vishwavidyalaya,
Sagar, 470003, MP

Ref: Tender No Dated-----

Sir,

1. Having examined the bidding document and having submitted the techno commercial unpriced bid for the same, we, the undersigned, hereby submit the priced bid for supply of goods and services as per the requirements and in conformity with the said bidding document.
2. We hereby offer to supply the Goods/Services at the prices and rates mentioned in the enclosed schedule of requirement.
3. We do hereby undertake, that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule of requirement and that we shall perform all the incidental services.
4. The prices quoted are inclusive of all charges net F.O.R University. We enclose herewith the complete Financial Bid as required by you. This includes:
5. Price Schedule as per requirement of the tender.
6. Statement of deviations from financial terms and conditions.
7. We agree to abide by our offer for a period of 90 days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.
8. We have carefully read and understood the terms and conditions of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.
9. Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/ constituted attorney of sole proprietor,

Or

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/ by virtue of general power of attorney,

Or

A company and the person signing the bid document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorised to sign the bid document.)

10. We do hereby undertake, that, until a formal notification of award, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Dated this day of _____

Signature of Bidder
Details of enclosures
Full Address:
Telephone No.
Fax No. E-mail:
Company Seal

Format of the Bank Guarantee (BG) Form

1. This Performance Bank Guarantee (PBG) should be furnished from a Nationalized Bank.
2. The PBG should be furnished on the stamp paper of Rs. 100/-
3. The stamp-paper would be purchased in the name of the bank Executing the Guarantee.
4. In case of foreign bidder the PBG shall be furnished by an international reputed bank acceptable to the PURCHASER countersigned by any Nationalized Bank.

BANK GUARANTEE

To
 Dr. Hari Singh Gour Vishwavidyalaya,
 Sagar, 470003, MP

1. This guarantee made this-----day of-----200_ by-
 -----Bank having its Registered Office at-----and one of its-----
 ----- branches at----- (hereinafter referred to as
 "the Guarantor" which expression shall, unless it be repugnant to the subject,
 meaning or context thereof, be deemed to mean and include its successors and
 assigns) in favour of the Dr. Harisingh Gour Vishwavidyalaya 470003 represented by
 its Registrar, having his office at the University hereinafter referred to as the
 "University" which expression shall include his successors in office for an amount not
 exceeding Rs.------(Rupees ----- only) at
 the request of M/s.----- (more fully described hereunder)
2. Whereas the University has placed Work Order No: *PU*/----- dated for-----

 ----- with M/s.-----having
 its office at -----and hereinafter referred to as the "Contractor"
 which expression shall include their successors and assigns.
3. And whereas the Contractor has accepted and agreed to execute the work as per the
 work order as per undertaking / agreement dated -----within the time
 stipulated and in the----- manner specified therein.
4. And whereas the University has called upon the Contractor to furnish Bank Guarantee
 for the sum of Rs.------(Rupees-----only) for
 fulfillment of the said work as specified in the work order and as agreed to by the
 Contractor.
5. And whereas the Contractor has requested the Guarantor herein to furnish an
 irrevocable and unconditional Bank Guarantee in favour of the University for an
 amount of Rs.-----as guarantee towards execution of the work as agreed to by
 the contractor to the University.
6. Now, therefore, we -----Bank, the Guarantor herein, do hereby----
 ----- irrevocably and unconditionally Guarantee the payment to the University the
 sum not exceeding Rs. ----- (Rupees -----only) in
 the event of any breach, failure, neglect or inability on the part of the Contractor in
 the execution of the said work, on demand without reference of the matter to the
 Contractor and without any prior consent of the Contractor, at all times throughout
 the period of execution of the work, without demur, cavil or argument or delay.
7. The Guarantor agrees and undertakes that the decision of the University as to whether
 the contractor has committed any breach of the obligation with respect to the wok to
 be executed, and the quantum of amount therefore payable by the Contactor to the
 University in that regard, shall be final, binding and conclusive as against the
 Guarantor and the Guarantor shall make payment accordingly, on demand by the
 University.
8. The Guarantor further agrees and undertakes to pay to the University the amount
 demanded by the University irrespective of and notwithstanding any dispute raised
 by the Contractor in any suit or proceeding before any judicial forum relating to the
 Contracted work and the Guarantor's liability under this Guarantee shall be absolute
 and unequivocal.

9. This Guarantee is issued subject to the condition that the liability of this Guarantor under this guarantee is limited to the maximum of Rs----- (Rupees-----only) and the guarantee shall remain in full force up to----- and----- cannot be invoked otherwise than by a written demand or claim by the University for the payment of the said amount by the Guarantor on or before ----- or any extended date as decided by the University.
10. This University shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the contracted work or to extend time for performance of the work by the Contractor_ Any change to the contracted work shall not in any way release the Bank (Guarantor) from liability under this Guarantee and we waive notice of any such change. The University shall have full liberty to forbear or enforce any of the terms and conditions of the contracted work.
11. This Guarantee shall not be affected by any legal limitation, disability or other circumstances relating to the Contractor or the Guarantor.
12. This Guarantee shall be valid for the period up to ----- and shall extend further and Beyond ----- for such period as determined by the University.
13. The Guarantor undertakes not to revoke this guarantee except with the previous consent of the University in writing.
14. Notwithstanding anything contained herein:
- Our liability under this guarantee shall be limited to Rs. ----- (Rupees only)
 - This guarantee shall be valid up to and for such further period as determined by the University for fulfillment of the contract.
 - We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before -----or such extended period/date.
- In witness whereof, this Guarantee has been executed by ----- for an on behalf of the Bank (Guarantor) on the day, month and year first above written.

SIGNATURE AND SEAL
NAME OF THE BANK (GUARANTOR)
ADDRESS:

BIDDER'S WARRANTY

The Registrar, Dr. Hari Singh Gour Vishwavidyalaya, Sagar invited Bid Document for supply and installation of the equipment(s) namely,----- at-----
-----, Dr. Harisingh Gour University, Sagar

AND

M/s.-----

Thereinafter referred to as "The Bidder" having carefully studied all the bid documents, Specifications, etc. accompanying the tender for supply of the above mentioned Equipment and desirous to submit the bids as per the Tender Document advertised vide Notification No.:DHSGU/PURCHASE/DORD/2011-12/02 dated 15.12.2011.

DO HEREBY WARRANTY THAT:

1. The bidder is familiar with all the requirements of the bid documents.
2. The bidder has investigated the site and satisfied, he regarding the character and scope of the work and local conditions that may affect the supply or its Performance.
3. The bidder is satisfied that the supply can be performed and completed as required in the contract.
4. The bidder accepts all risk directly or indirectly connected with the performance of the contract.
5. The bidder has had no collusion with other contractors, with any of the men of the University, Sagar or with any other person in preparation of the bid.
6. The bidder has not been influenced by any statement or promise of the Officials of the University but only by the bid documents.
7. The bidder is financially solvent.
8. The bidder is experienced and competent to perform the contract to the satisfaction of the Dean, Research and Development of the University.
9. The statements submitted with the bid are true.
10. The contractor is familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
11. All the terms & conditions of the Supply Order will bind the bidder once his quote is accepted and supply order issued.

Signature of the Bidder