

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A & B, RAJA S.C. MULLICK ROAD
JADAVPUR, KOLKATA-700032

Tender Notice No. RCAMOS/AP/DST-FST/13/41 dated 31.10.2013

Sealed tender in two bids system (Technical Bid & Price Bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for a "COMPUTER SERVER SYSTEM".

Part-I (Technical Bid) of the tender should contain technical details and commercial terms and conditions and **Part-II** (Price Bid) should indicate group-wise price where applicable as mentioned in the Technical Bid. The Technical Bid and Price bid are to be submitted in two separately sealed envelopes distinctly marked accordingly and both to be put inside another envelope, which should be sealed and super scribed with **Tender Notice No. and due date**. The bidders may submit bids duly signed in their own letter heads.

Complete tender bids should be reach the office of **RCAMOS (Raman Centre for Atomic, Molecular & Optical Sciences)**, Indian Association for the Cultivation of Science, 2A & B, Raja S.C.Mullick Road, Jadavpur, Kolkata-700032 on or before the Scheduled date & time Specified below.

Tender Notice No.	RCAMOS/AP/DST-FST/13/41 dated 31.10.2013
Last date and time of submitting tender	November 25, 2013 at 5.00 p.m.
Pre-bid meeting to discuss technical specifications	November 8, 2013 at 3.00 p.m.
Date and time of opening technical bids	November 26, 2013 at 3.00 p.m.
Date and time of opening price bids	November 29, 2013 at 3.00 p.m.
Place of Pre-bid meeting/opening or tender	At J.C. Bose Meeting Room, I.A.C.S., Kolkata
Contact	Email: rcap@iacs.res.in Tel: 033-2473-4971 (Ext: 1779)

The technical bids will be opened first to evaluate technical specifications of the equipment and thereafter, the price bids of only technically qualified bidders will be opened. The date of opening the Price Bids will be intimated to the short- listed bidders at their contact address. The rest of the bids will be rejected.

(1) TECHNICAL BID:

The Technical Bid should contain technical specifications and kept in a separate envelope duly super scribed as "Technical Bid" on the outer side of the envelope as detailed above.

Technical Specifications for High-End CPU-GPU Workstation**Quantity 1:**

1. **2x Intel Xeon E5-2690V2 Ten-Core 3.0GHz (130 W) processors**
2. **6x 8GB DDR3 Reg. ECC 1600MHz memory (support for up to expanding up to 128 GB of RAM)**
3. **1x 3TB SATA Enterprise class hard drive (support for up to 8 HDD bays)**
4. **A standard on board 2GB Graphics Card**
5. **4x PCI-E 3.0 (x16) support for 4x K20GPU cards/TITAN-GTX cards**
6. **Dual-Port Gigabit LAN Controller**
7. **Redundant Power Supplies (Adequate and Sufficient for including 4 K20 GPU/ Titan-GTX cards, Graphics Card and other components mentioned above)**
8. **1x Internal DVD Writer**
9. **Tower Model and it must have adequate cooling features for using 4 GPU cards simultaneously along with proper cooling of CPU**
10. **Software Capabilities and GPU cards installation:** It is the vendor's responsibility to install a free Linux OS (preferable CENTOS). The vendor should install GPU (K20 series or Titan-GTX series) cards as and when needed to populate four the PCI-E 3.0 slots within the warranty period of the machine (i.e. 3 years from the proper installation date) at free of cost along with necessary software and drivers for NVIDIA, like CUDA, SDK and others and show it is working with programs like Terachem, a GPU -based quantum chemistry program. The vendor should provide assistance at free of cost in installing programs like GPU based GAMESS-US, CP2K and GROMACS. The installations of these programs can be done remotely and this is required only within the warranty period.

Note: No GPU cards to populate the PCI-E 3.0 slots are being bought right now, but would be purchased later on during the warranty period of the machine subject to availability of funds.

Service Terms and Warranty: On-site, three years from the date of installation on all parts and labor. Also installation of new GPU cards, RAM and hard-drives purchased during the warranty period should be done at free of cost.

Acceptable Brands/ OEMs: SUPER MICRO/ IBM / DELL / BOSTON/ HP ONLY

(2) PRICE BID/ FINANCIAL BID

The financial bid indicating item-wise price for the items mentioned in the technical bid should be kept in a separate sealed envelope duly super scribed as "**PRICE BID**" on the outer cover of the envelope as already detailed above. The price bid of only technically qualified bidders will be opened and they will be intimated the date and time of opening at their email id-s. Rest of the bids will stand rejected.

(3) PRICE: Price to be quoted only on CIF basis in dollars.

(4) ADDITIONAL PRICE ESTIMATE: Please note this should be provided separately and would not be part of the CIF price of the workstation. Price estimate in dollars (CIF basis) are needed for upgrades like: Nvidia K20M card, Geforce Titan-GTX card and 8 GB 1600 MHz DDR3 RAM module are to be provided separately and would not part of the tendered price of the workstation.

(5) BID SECURITY (EMD)

1. An Account Payee Demand Draft/ Pay Order for Rs. 9,000/- (Rupees Nine Thousand only) drawn in favor of "**Indian Association for the Cultivation of Science**" is to be furnished along with Technical Bid as Bid Security money (or EMD). Bidders registered with the Central Purchase Organizations, National Small Industries Corporation etc. may be exempted from paying EMD subject to their submission of a copy of valid registration certificate with their Technical Bids, failing which their bids will be rejected.

2. The Demand Draft/ Pay Order for the Bid-Security money should have at least 45 (forty five) days validity period after opening of the Bids.

3. The Bid Security of unsuccessful bidders will be returned.

(6) PERFORMANCE SECURITY:

An account payee demand draft OR Bank Guarantee of an amount of 10 % of the order value in the name of "Indian Association for the Cultivation of Science" is to be furnished by the successful bidder as performance security money. Performance security money should remain valid for a period of 60 days beyond the date of completion of all contractual obligations. Bid security money would be refunded to the successful bidder on receipt of the performance security money.

(7) GENERAL INSTRUCTIONS:

1. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof. "**CPU-GPU high performance workstation**" should clearly be written on the envelope.
2. At any time prior to the bid due date, IACS may, for any reason, whether at its own initiative or in response for a clarification requested by a prospective bidder during pre-bid meeting, modify the bidding documents. The amendment(s) will be notified on the Institute website. Prospective bidders are advised to occasionally visit the website (www.iacs.res.in/tender) for any amendment. Prospective bidders are advised to occasionally visit the aforementioned website.
3. **Payment:** 100% against delivery and successful installation subject to submission of performance guarantee.
4. **Warranty:** On-site, minimum three years from the date of installation on all parts, labor and maintenance. Also **installation** of new GPU cards, RAM and hard-drives purchased (basic components bought separately as and when needed) during the warranty period should be done at free of cost.
5. **Installation/Commissioning/Demonstration/Application Training at site:** Free of cost by the supplier. The vendors are required to give an estimate of the time required for installation, fine-tuning of the machine and hand-holding/training of the principal users in the technical bid. Free basic training on operation, maintenance and troubleshooting of the whole HPCC Solution should be imparted to at least a person for a period of two days at the site of installation.
6. **Service facility:** Suppliers should mention their details of service setup and Manpower in Kolkata who are responsible for after sales support. Response time should be within 24 hours.
7. **Validity of tender:** Tender submitted shall remain valid at least for three months from the date of opening the tender. Validity beyond three months from the date of opening the tender shall be by mutual consent.
8. The tender should accompany a compliance chart.
9. The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate.

10. The model number, make, and a printed literature of the product shall be submitted positively.
11. Proposed delivery schedule should be mentioned clearly.
12. Manufacturers exclusive distributors/vendors should have history of supplying this type of instrument to this or other Scientific Organizations.
13. Adequate and legitimate authorized Dealership Certificate is a must in the case of principal manufacturing company/brand owner is not quoting directly. **The technical Committee's decision is final in this respect.**
14. Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
15. In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of technical bids will be the following working day at the appointed time.
16. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
17. For any clarification regarding technical specifications, etc. please send your queries to Dr. Ankan Paul (rcap@iacs.res.in).
18. The Institute reserves the right to reject any or all of the tenders received without assigning any reason thereof.
19. Acceptance of Tender: IACS authority does not bond itself to accept the lowest tender and reserves the right to reject any or all the tenders received without any reason thereof.

IMPORTANT INFORMATION

1. Decision of the technical committee is final and incontrovertible regarding the qualification of technical bids.

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