



DEPARTMENT OF BIOTECHNOLOGY
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Dr. D. KARUNAGARAN

Professor and Head

Date: 24.10.2017

Ref: BT/KRAM/2017/007/SPL

Dt. 24.10.17

Due Dt. 14.11.17

1. Quotations are invited in duplicate for the various items shown below/overleaf/ enclosed list.
2. The quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for should be submitted free of charges and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai. If F.O.R. Consigner stationer freight charges by passenger train/lorry transport must be indicated. If Ex-Godown, Packing, forwarding and freight charges must be indicated.
8. The rates of Sales/General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales/General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to non-government educational institutions run with no profit motive for which a Concession. Sales tax certificates will be issued at the time of final settlement of the bill.**
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

List of Items Required

(A) High Performance Storage + Compute Server – 1 number

1. Processors: 4x Intel Xeon 16-core E7-4850V4 2.1GHz 40M GT/s
2. Memory: 1TB DDR4 1866MHz ECC LRDIMM RAM (expandable up to 2TB at least)
3. Solid State Drive: 2 x 1.2TB Intel S3520 MLC SATA SSD
4. Hard Disk Drive: 16 x 6.0TB Enterprise Class 3.5” 7200 rpm SATA Hard Disk drive
5. Expansion slots: At least 24x3.5” Hot-swap SAS3/SATA Drive bays
6. RAID Controller: 1x 24-Port RAID Card supporting RAID 0, 1, 5 & 6
7. GPU Expansion slots: 4 PCI-e 3.0 x16 slots for adding latest P100 GPUs
8. Dual-Port Gigabit Ethernet, 1x Dedicated LAN for system management
9. Chassis & Power Supply: Rack-mountable 4U Chassis with at least 1600 watts Redundant Power Supply 94% efficiency
10. Rack mount rail kit
11. Warranty: Three years (comprehensive on-site)

General Conditions

1. The bidder must have supplied, installed and integrated at least five similar systems across India, preferably in IIT Madras/other IITs/ R&D labs. Please provide a list of your installations.
2. Delivery time for the workstations, from the date of issue of PO, should be indicated by the vendor.
3. The period of warranty will be for **three years (comprehensive on-site)** from the date of acceptance.
4. Quotations supplied must have a validity period of at least 60 days.
5. Two-bid system: separate technical and financial bids.

I may be contacted at kraman@iitm.ac.in or +91-44-2257-4139, if there are any questions.
Sincerely,

Karthik Raman
Assistant Professor
Department of Biotechnology
IIT Madras