

**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
KARACHI-75270**

RETENDER NOTICE NO. TWC/HEC-180412 (3RD TIME)

Sealed tenders are invited from the sales tax registered with Sindh Board of Revenue and income tax registered suppliers for supply of One (01) No. each of “**2 U Rack Mount Server**” for **HEC Project entitled “Theoretical and Computational Studies of Zinc Metallopeptides”** and “**Leishmania Project**” respectively.

The tender documents can be collected from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m. except Friday, from the date of notification of this advertisement on the websites, on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, or downloaded from the websites www.iccs.edu www.pprasindh.gov.pk. The last date of issuing tender is **16-04-2012**. The tenders can be submitted with 2% of the bid value as earnest money in shape of a pay order in favor of the Director of the Center, latest by 10.30 a.m. on **18-04-2012**. The tenders will be opened in Purchase Office of the Center at 11.00 a.m. on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to the relevant provision of SPPRules.

PRINCIPAL INVESTIGATOR

MATERIAL SPECIFICATION SHEET	
2U Rack Mount Server (01 No.)	
“THEORITICAL & COMPUTATIONAL STUDIES OF ZINC METALLOPEPTIDES”	
Components	Required Specification
Server Scalability	Server should be scalable up to 10 core Processor
Processor	Xeon 8C E7-2820 105W 2.00GHz/18MB L3
Cache per Processor	18 MB L3 Cache
Processor Installed	2
Chassis	2 U Rack Mountable
RAM	16 GB PC3-10600 DDR3
Internal Disks	2 X 300 GB 2.5in SFF HS 10K 6Gbps SAS HDD
Internal Disk Scalability	internal Disk Capacity expandable up to 8TB
Raid Controller	Integrated Raid Controller with 512MB Battery backed up or Flash Backed cache
DVD Drive	DVD R/W Multi Burner
Network Adapter	Integrated dual Gigabit Ethernet with TCP-IP off-load engine
Power Supply	Should support Up to 2 – Redundant Power Supplies 675 W 220 V
Raid Support	Integrated RAID-0, -1, optional RAID-5, -6Alert
FC Adapters	Must have support for 4Gb & 8GB FC HBA
OS Support	64-bit Red Hat Enterprise Linux and SUSE Enterprise Linux
Warranty/ Support	Five Years Warranty / Support comprehensive parts replacement warranty on all equipment (Hardware) Onsite with Local Backup support of Principal Company (IBM/HP/Fujitsu/Dell, etc)

MATERIAL SPECIFICATION SHEET	
2U Rack Mount Server (01 No.)	
“LEISHMANIA PROJECT”	
Components	Required Specification
Server Scalability	Server should be scalable up to 10 core Processor
Processor	Xeon 8C E7-2820 105W 2.00GHz/18MB L3
Cache per Processor	18 MB L3 Cache
Processor Installed	2
Chassis	2 U Rack Mountable
RAM	16 GB PC3-10600 DDR3
Internal Disks	2 X 300 GB 2.5in SFF HS 10K 6Gbps SAS HDD
Internal Disk Scalability	internal Disk Capacity expandable up to 8TB
Raid Controller	Integrated Raid Controller with 512MB Battery backed up or Flash Backed cache
DVD Drive	DVD R/W Multi Burner
Network Adapter	Integrated dual Gigabit Ethernet with TCP-IP off-load engine
Power Supply	Should support Up to 2 – Redundant Power Supplies 675 W 220 V
Raid Support	Integrated RAID-0, -1, optional RAID-5, -6Alert
FC Adapters	Must have support for 4Gb & 8GB FC HBA
OS Support	64-bit Red Hat Enterprise Linux and SUSE Enterprise Linux
Warranty/ Support	Five Years Warranty / Support comprehensive parts replacement warranty on all equipment (Hardware) Onsite with Local Backup support of Principal Company (IBM/HP/Fujitsu/Dell, etc)