

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

**TENDER NOTICE NO. TWC/HEC-280312**

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](http://www.iccs.edu) [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk). The last date of issuing tender is **26-03-2012**. 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 **28-03-2012**. 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 Servers (01 No.)

“LEISHMANIA PROJECT”

<b>Components</b>	<b>Required Specification</b>
<b>Server Scalability</b>	Server should be scalable up to 10 core Processor
<b>Processor</b>	Xeon 8C E7-2820 105W 2.00GHz/18MB L3
<b>Cache per Processor</b>	18 MB L3 Cache
<b>Processor Installed</b>	2
<b>Chassis</b>	2 U Rack Mountable
<b>RAM</b>	16 GB PC3-10600 DDR3
<b>Internal Disks</b>	2 X 300 GB 2.5in SFF HS 10K 6Gbps SAS HDD
<b>Internal Disk Scalability</b>	internal Disk Capacity expandable up to 8TB
<b>Raid Controller</b>	Integrated Raid Controller with 512MB Battery backed up or Flash Backed cache
<b>DVD Drive</b>	DVD R/W Multi Burner
<b>Network Adapter</b>	Integrated dual Gigabit Ethernet with TCP-IP off-load engine
<b>Power Supply</b>	Should support Up to 2 – Redundant Power Supplies 675 W 220 V
<b>Raid Support</b>	Integrated RAID-0, -1, optional RAID-5, -6Alert
<b>FC Adapters</b>	Must have support for 4Gb & 8GB FC HBA
<b>OS Support</b>	64-bit Red Hat Enterprise Linux and SUSE Enterprise Linux
<b>Warranty/ Support</b>	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 Servers (01 No.)

RE-TENDER OF TENDER NOTICE NO. TWC/HEC-101011, SPPRA ID NO. 5352/2011

“THEORITICAL &amp; COMPUTATIONAL STUDIES OF ZINC METALLOPEPTIDES”

<b>Components</b>	<b>Required Specification</b>
<b>Server Scalability</b>	Server should be scalable up to 10 core Processor
<b>Processor</b>	Xeon 8C E7-2820 105W 2.00GHz/18MB L3
<b>Cache per Processor</b>	18 MB L3 Cache
<b>Processor Installed</b>	2
<b>Chassis</b>	2 U Rack Mountable
<b>RAM</b>	16 GB PC3-10600 DDR3
<b>Internal Disks</b>	2 X 300 GB 2.5in SFF HS 10K 6Gbps SAS HDD
<b>Internal Disk Scalability</b>	internal Disk Capacity expandable up to 8TB
<b>Raid Controller</b>	Integrated Raid Controller with 512MB Battery backed up or Flash Backed cache
<b>DVD Drive</b>	DVD R/W Multi Burner
<b>Network Adapter</b>	Integrated dual Gigabit Ethernet with TCP-IP off-load engine
<b>Power Supply</b>	Should support Up to 2 – Redundant Power Supplies 675 W 220 V
<b>Raid Support</b>	Integrated RAID-0, -1, optional RAID-5, -6Alert
<b>FC Adapters</b>	Must have support for 4Gb & 8GB FC HBA
<b>OS Support</b>	64-bit Red Hat Enterprise Linux and SUSE Enterprise Linux
<b>Warranty/ Support</b>	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)