No. **364**/PGCH   Date: 28.01.2019

ADVERTISEMENT FOR RESEARCH FELLOW
&
QUOTATION CALL NOTICE

1. Sealed quotations are invited from intending manufacturers/dealers/suppliers/firms/ service providers having valid GSTIN, for supply of Computer Servers, 5 KVA Online UPS, MATLAB Software, TURBOMOLE Software on or before 13.02.2019 up to 3.00 PM.

2. Applications are invited from qualified candidates for temporary position of a "Junior Research Fellow" for the DST-SERB project title, "Application and Development of -----Conformational Analysis and Protein Modeling" (EMR/2017/002412) awarded to Dr. Prabhat K. Sahu, Principal Investigator, Reader, School of Chemistry.

NB: The details of the requirement can be obtained from the undersigned during office hour or may visit Sambalpur University website (www.suniv.ac.in). The authority reserves the right to cancel the quotation without assigning any reason thereof.

Sd/-

Head, School of Chemistry

Memo No. **365**/PGCH   Date: 28.01.2019

Copy to:

1) Copy to the Editor of 'The Times of India' and 'The Samaj' with a request to publish this notification in their *Odisha circulation in minimum* size latest by 30.01.2019 and submit bill-in duplicate in favour of **Dr. Prabhat K. Sahu, PI, DST-SERB Project, School of Chemistry, Sambalpur University, Jyoti Vihar-768019, Odisha** as per Government approved concessional rate applicable to educational institutions along with full sheet of publication for payment.

2) Director, E-Governance, Sambalpur University to upload in the Sambalpur University website (www.suniv.ac.in).

Head

School of Chemistry

Head
School of Chemistry
Sambalpur University
Jyoti Vihar-768019

Approved

Director-SRIC
Sambalpur University

Applications are invited for a "Junior Research Fellow for DST Project

Applications are invited from qualified candidates for temporary position of a "Junior Research Fellow" for the DST-SERB project (EMR/2017/002412) title, "Application and Development of Gradient Gravitational Search Algorithm towards Conformational Analysis and Protein Modeling" awarded to Dr. Prabhat K. Sahu, Principal Investigator, Reader, School of Chemistry.
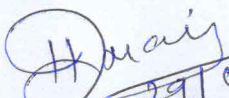
Junior Research Fellow:

Essential Qualification: M.Sc. in Chemistry / Bio-informatics with at least 55% marks with NET/GATE qualified. Monthly consolidated emoluments of Rs. 25,000/- + HRA (if applicable) and Rs. 16,000/- + HRA (if applicable) for Non-NET/GATE candidate.

The appointment will be initially for one year and then can be extended up to 3 years subject to the availability of funds and based on mutual academic satisfaction.

Candidates with requisite qualifications may apply with complete Bio-data (including Email Id) and attested copies of relevant documents to Dr. Prabhat K. Sahu, Principal Investigator, DST-SERB Project, School of Chemistry, Sambalpur University, Jyoti Vihar, Burla, Odisha 768 019 on or before 13.02.2019. Email ID: prabhat@suniv.ac.in **Short listed candidates will be called for interview by email. No TA/DA will be paid for attending the interview.**

Sd/-
Head, School of Chemistry

Approved

Director-SRIC
Sambalpur University
29/01/19
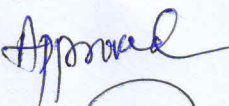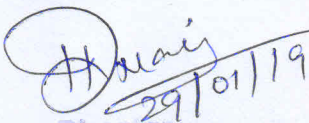
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DETAILED SPECIFICATION OF COMPUTER SERVERS

Processor	2 x Intel® Xeon® Silver 4110 Scalable Processor (8C, 2.1GHz,11MB)
RAM	64GB ECC DDR4-2666 MHz RAM (Max 512GB, 8RDIMMs)
Controller	Hard ware RAID controller (Supports RAID 0, 1, 5, 6, 10, 50 & 60)
HDD(s)	4 x 2TB SATA 7200 RPM Enterprise Hot Swap 3.5" HD
Network	2 x RJ45 Gigabit Ethernet LAN ports
Power Supply	600W Redundant Platinum Level Certified High Efficiency Power Supply
Optical Drive	DVD RW
OS	Red Hat Linux
Monitor	24" LED Monitor
Peripherals	USB Keyboard & Optical Mouse
Networking	Structured Networking of 8 PCs with the server. Each PC with Intel® 8th Generation Core i5 Processor, 3.0 GHz, 8 GB DDR4 RAM or higher (expandable to 32GB), 1 TB SATA HDD or higher 7200 RPM, 10/100/1000 On Board Integrated Gigabit Port, Intel® Wireless-AC Dual-band Wi-fi & Bluetooth, Port: USB(at least 4 USB V3.0), 1 Ethernet(RJ 45), 1 VGA / 1, USB Keyboard and USB mouse, 19.5" inches LED monitor, Windows 10 and RHL
Other Accessories	a) 16 port unmanaged gigabit ethernet switch -1 b) Rack installation kit
Cooling	All the 8 PCS and integrated server should be efficiently cooled by 2 ton split A/C located inside the server room.
Warranty	3 years Comprehensive Warranty (onsite/labour/parts)
Cluster management software	Open source cluster management: Ganglia should be installed
Misc	The licensed software including MATLAB, CHARMM, TURBOMOLE, AUTODOCK, ORCA, AMBER, NAMD, GROMACS etc will be installed. Separate quotations are required from intending dealers/firms/suppliers/service providers for the above mentioned software.

DETAILED SPECIFICATION OF 5KVA ONLINE UPS

Supply, installation and commissioning of 5KVA online UPS system (1ph – 1ph) with Inbuilt ISOLATION TRANSFORMER, with 12Volt, 65AH-16 nos. SMF batteries, with MS Rack for battery housing and suitable for 120 minutes back up at full load. Make : Exide

Sd/-
Head, School of Chemistry

Approved

29/01/19

Director
Sambalpur University

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DETAILED SPECIFICATION OF MATLAB SOFTWARE

Quotation for Supply and installation of MATLAB and SIMULINK family of Software (Academic Version, Perpetual Concurrent Network License) MATLAB R2018a : Windows/ Linux/ Mac Platform for SINGLE USER including **MATLAB, Statistics and Machine Learning, Curve Fitting Toolbox, Optimization Toolbox, Global Optimization Toolbox, Neural Network Toolbox, Bioinformatics Toolbox**

DETAILED SPECIFICATION OF TURBOMOLE SOFTWARE

Quotation for Supply and installation of Turbomole Software (Academic Version), Single User – Perpetual License, Linux Turbomole binaries serial/parallel.

Sd/-
Head, School of Chemistry

Approved

29/01/19

Director-SRIC
Sambalpur University