

Minutes of the Pre-Bid Conference held on 10.03.2017 at Conference Hall, Administrative Block, Room No.F1-02 (First Floor), CUTN in connection with our Tender Enquiry No.44/2016-17 for supply and installation of Computer Cluster and Workstation for SCANMAT Centre and Department of Materials Science.

The following members of the Committee were present:

- (1) Prof. P. Ravindran, Head, Department of Materials Science
- (2) Dr. S. Beer Mohammed, Associate Professor, Department of Materials Science
- (3) Dr.K.R.S. Preethi Meher, Assistant Professor, Department of Materials Science
- (4) Dr. Srinivasan Sampath, Assistant Professor, Department of Materials Science
- (5) Dr. V. Gunasekaran, Assistant Professor, Department of Materials Science

Open Advertisement for the aforesaid tender was floated on 10.03.2017.

The representatives of following prospective bidders attended the Pre Bid Conference:-

- 1. Shri L. Sivaraja, Customer Support, M/s. S.S. Information Systems Private Ltd., Chennai
- 2. Shri.S. Senthil Kumar, Sales Support, M/s. Integrated Technologies, Trichy
- 3. Shri.S. Saravanan, Sr. Sales Executive, M/s. USAM Technology, Trichy

An email communication received from following prospective bidders with regard to pre-bid queries has been addressed by the Committee:

- 1. Shri. M.S.Balaji, Regional Manager - (South) Sales & Support (HPC), M/s. Brain Grid Technologies Pvt. Ltd, Bangalore.
- 2. Shri. N.Rajkumar, Director, M/s. SS Information Systems Pvt Ltd., Chennai
- 3. Shri. Krishna Kumar. J, M/s. Fujitsu India Private Limited.
- 4. Shri. Parthiban Jayaraman, M/s. Integrated Technologies, Trichy

The attendance sheet is enclosed herewith.

Opening Remarks:

- (i) Prof. P. Ravindran, Head, Department of Materials Science at the beginning welcomed the participating members and after introduction, he briefed all participants about the tender.
- (ii) It was explained that purpose of Pre-Bid Conference is to explain the various important provisions of the bidding documents to the prospective bidders and to clarify the queries that the bidders may have in the subject, bidding documents.

The technical queries and clarification sought by the prospective bidders and reply to the query is enclosed in **Annexure I**.

The techno-commercial queries and clarification sought by the prospective bidders are given as under:-

Sl. No	Query/ Clarification Sought	Amendment
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P. Ravindran
23/3/17

U. Sreedhara
23/3/2017

S. Senthil Kumar
22/3/17

S. Srinivasan
21-3-2017

V. Gunasekaran
20/3/17

1.	As per Tender Clause No.11, the bid currency is mentioned in INR. If quotation obtained from Principal supplier in foreign currency then University may be benefited monetarily. Hence requested to include option of Quote in foreign currency also in the tender condition	Agreed to include the option of foreign currency quote also in the tender condition, subject to the condition that the bidder has to take care of customs clearance, onward transmission with transit insurance on door delivery basis.
2.	As per conditions mentioned under who can bid, the tenderer should be dealing with the supply of similar equipment at least FIVE years as on 01-01-2017. Kindly relax the experience period to three years.	Agreed to relax the experience period to three years.
3.	Whether MSME certification firm is exempted from tender fees and security deposit ?	Yes - Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) are exempted from application fee and Earnest Money Deposit.

The bidders were informed to ensure that all mandatory documents / certificates / undertakings are enclosed with the bids, as specified in the tender document.

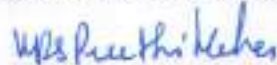
The bidders were informed that the minutes of the pre-bid conference and amendment of the bidding forms shall be published on the website of Central University of Tamil Nadu. The bidders were also informed that they should also regularly visit the CUTN website for any amendments issued.

In case of any further information/clarification, they were asked to contact over phone, to the Purchase Section at 04366-277359 (or) send email on purchase@cutn.ac.in; Individual visits are not entertained.


The meeting ended with a vote of thanks to the representatives of the prospective bidders.


22/3/17

Dr. V. Gunasekaran
Assistant Professor,
Department of Materials Science



Dr. K.R.S. Preethi Meher
Assistant Professor,
Department of Materials Science


22-3-2017

Dr. Srinivasan Sampath
Assistant Professor,
Department of Materials Science


22/3/17

Dr. S. Beer Mohammed
Associate Professor,
Department of Materials Science


20/3/17

Prof. P. Ravindran
Head, Department of Materials Science

ANNEXURE - I

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The various technical queries we received from the following firms were considered by the committee and the modified technical specification as follows:

- 1) M/s. S.S. Information Systems Private Ltd., Chennai
- 2) M/s. Integrated Technologies, Trichy
- 3) M/s. USAM Technology, Trichy
- 4) M/s. Fujitsu

Item No.1: MODULAR CHASSIS

Sl. No	Description	Qty.
1	Chassis Attributes: 2U Hybrid Modular Chassis capable of accommodating minimum 4 numbers of 2-socket servers	2 Nos.
2	I/O slots: Interfaces to accommodate minimum 4 Half-width server nodes	
3	Inter Connect: Redundant 1Gbe Pass Through Module or Internal 8 ports to External 8 ports	
4	Management: <ul style="list-style-type: none"> • Management Controller shall manage all resources (server nodes and shared infrastructure) in a single web console • Common Management console from Server OEM should support local and remote management, consistent with other products from the same OEM • Server nodes must contain proven Management processor and Remote Management controller for agent-free, automated systems management 	
5	Cooling: Minimum 6 hot-swappable fans to provide enough cooling to the components in the chassis	
6	Power Supplies: Hot-plug PSUs of at least 1600W 1+1 PRS mode OR at least 1200W 2+1 PRS mode	
7	Blade Server support: The chassis should support intermixing of both Intel Xeon processor based 2-socket, 4 socket servers, as well as storage blade	
8	Warranty: 3 years, 24x7 Onsite Warranty	

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22/3/17

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22/3/17

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22-3-2017

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22/3/17

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22/3/2017

PURCHASE SECTION	
Inward No	390(12-00PM) / 325(01-20PM)
Date	23-03-2017 / 23-03-2017
Department	Habitat Science Habitat Science

Item No.2: SERVER NODES

Sl. No	Description	Qty.
1	Processor: 2x Intel Xeon E5-2630 v4 2.2GHz, 25M Cache, 8.0GT/s QPI, Turbo, HT, 10C.	6 Nos.
2	Chipset: Latest OEM chipset supporting an optimized for the above processor	
3	Memory: RAM (min/max): 96 GB expandable up to 512 GB DDR-4 ECC RDIMM 2133 Mhz RAM	
4	Hard Disk drives: 2 x 600GB Hot Plug 12Gbps 10K RPM SAS Hard Disk Drives configured in RAID 1	
5	I/O slots: Access to 2 x PCIe 3.0 (x8) expansion slots	
6	Graphics: Integrated Graphics with atleast 16MB Video Memory	
7	Network: Integrated Quad Port 1G adapter	
8	Server Management: OEM embedded controller with IPMI 2.0 compliance and Server Management Tool from same OEM	
9	Industry Standard Certifications & Benchmarks: The quoted server models should have the following Certifications: The quoted server models should have the following Certifications: Microsoft® Windows Server® 2008 R2 SP1, (includes Hyper-V®), Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2 (includes Hyper-V), Novell® SUSE® Linux Enterprise Server, Red Hat® Enterprise Linux®. FCC, UL, ROHS Certification.	
10	Warranty: 3 years, 24x7 Onsite Warranty.	

Note: Quantities of Half-width server nodes with chassis are limited to the total estimated cost.

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22/3/17

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22-3-2017

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22/3/17

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22/3/2017



Central University of Tamil Nadu
தமிழ்நாடுகேந்திரியவிஸ்வவித்யாலய
School of Technology

Prof. P. Ravindran
Head
DEPARTMENT OF MATERIALS SCIENCE
Thiruvavur, Tamil Nadu – 610004
India

Email: raviphy@cutn.ac.in
Phone work ☎: +91 9489054267
Mobile: +91 8300178007
Fax: ☎: +91 4366 - 225312

Thiruvavur, 12 April 2017
Ref.No: CUTN/SCANMAT/HPC/12042017

To
The Assistant Registrar (Purchase)
Central University of Tamil Nadu
Thiruvavur


Sub: - Revised minutes of the prebid meeting for supply and installation of computer cluster and workstation for SCANMAT center and Department of Materials Science -reg

Dear Sir,

With reference to your email dated 11.04.2017, the additional requirement has been recorded in the pre-bid minutes and the departmental purchase committee has endorsed the same. I am enclosing herewith the Annexure -1 of minutes of the meeting and the revised specification. Hence, I request you to update the revised tender available in our University website.

Thanking you.

With regards,


12/4/17.
Prof. P. Ravindran

Mr. Ramesh
R.S.
12/04/17

Annexure -1

The technical queries and clarification sought by the prospective bidders are given as under:

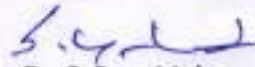
Sl. No.	Query/ Clarification Sought	Amendment
1	S.No.1 we ask for 6U chassis instead of 2U Chassis	It remains same
2	S.No.2 we ask for 4 blade interconnect module instead of 8 PCIe expansion slot	Interface to accommodate minimum 4 Half-width server nodes
3	S.No.5 we ask for 5-6 hot swappable fans instead of 8 hot swappable fans	Minimum 6 hot-swappable fans to provide enough cooling to the components in the chassis
4	S.No.6 we ask for at least 1200W power supply instead of 1600W power supply	Hot-plug PSUs of at least 1600W 1+1 PRS mode OR at least 1200W 2+1 PRS mode
5	We recommend you to look at 1U Rack server, 2U Rack server, 2U dench Rack server would accommodate 4 no's of 2 socket E5-v4 processors instead of Blade chassis.	It remains same

In addition to that we were informed by the bidders that 5 server nodes will not fit into 1 no. of 2U modular chassis. So, instead of 1 no. we now want to go for 2 no's chassis that can fit 4 nodes each (instead of 5 nodes each). This amendment was agreed by all the bidders.

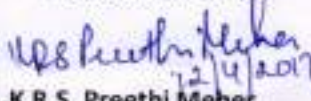
Also, during the prebid meeting the bidders mentioned that the current odd number configuration (5 node) is not common so we should change the server nodes configuration to even numbers i.e. 6 no's here. Also, during the meeting the bidders informed that the 2 chassis with even number of nodes are very common and also all bidders can able to participate. Further, the price involve in such configuration will be equal or lower than the 1 chassis with odd number of nodes that need special efforts. So, the committee decided to go for the 2 number of chassis with even number of nodes so that without any additional cost we can get good configuration suitable for future expansion. The revised configuration based on the prebid meeting is as follows



Prof. P. Ravindran
Professor and Head

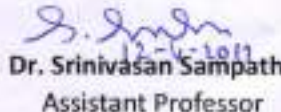


Dr. S. Beer Mohamed
Associate Professor



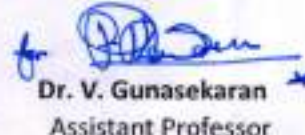
12/14/2017

Dr. K.R.S. Preethi Meher
Assistant Professor



12-16-2017

Dr. Srinivasan Sampath
Assistant Professor



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Dr. V. Gunasekaran
Assistant Professor

Out of station.

Item No.1: MODULAR CHASSIS

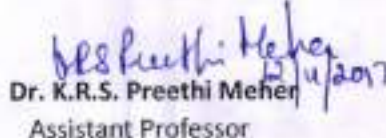
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8	Warranty: 3 years, 24x7 Onsite Warranty	



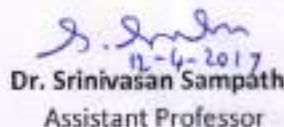
Prof. P. Ravindran
Professor and Head



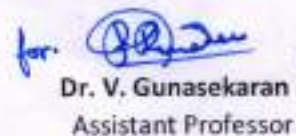
Dr. S. Beer Mohamed
Associate Professor



Dr. K.R.S. Preethi Meher
Assistant Professor



Dr. Srinivasan Sampath
Assistant Professor



Dr. V. Gunasekaran
Assistant Professor

→ He is out of station for refreshment

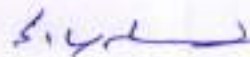
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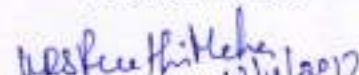
Note: Quantities of Half-width server nodes with chassis are limited to the total estimated cost.



Prof. P. Ravindran
Professor and Head



Dr. S. Beer Mohamed
Associate Professor



12/4/2017
Dr. K.R.S. Preethi Meher
Assistant Professor



12-4-2017
Dr. Srinivasan Sampath
Assistant Professor



Dr. V. Gunasekaran *out of office
Assistant Professor