

BID DOCUMENT

Open Competitive Bid (OCB)

For

Procurement of Servers

For

**Campuses at Constituent Institutes of
Rajiv Gandhi University of Knowledge
Technologies**

Proprietary & Confidential

**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE
TECHNOLOGIES**

Ground floor, Vindhya C4 building,
IIIT-H Campus, Gachibowli,
Hyderabad- 500 032

Phone: 040-23001830

Proprietary & Confidential

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Contents

Description	Page No.
Newspaper advertisement	4
Time call notice	5-6
Statement of important limits and values of bid	7
Technical specifications	8-12
Note	13

News paper advertisement

Tender Notice



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE
TECHNOLOGIES**

Ground Floor, Vindhya C4 Building, IIIT-H Campus,

Gachibowli, HYDERABAD- 500 032

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Sealed Tenders are hereby invited for Supply & Installation and Commencing of Servers for three RGUKT IIITs located at Basara in Adilabad , Nuzvid in Krishna dist and R.K.Valley in YSR dist

Last date of submission of tender document along with EMD as specified in the bid document is on 07-04-2011 before 04.00 pm.

Interested parties can collect the Tender document from the office of the RGUKT from 22-03-2011 to 06-04-2011 against payment of Rs. 5,000/- towards the cost of Tender document fee (non-refundable) through D.D. payable to REGISTRAR, RGUKT at Hyderabad. Further details visit our website www.rgukt.in

Date: 22-03-2011

**/Sd/
Registrar,
RGUKT**

Section A
Tender call notice
(Servers)

Time schedule of various tender related events

Bid calling date	22-03-2011
Bid Document fee	Rs. 5000/-
Last date for bid purchase	06-04-2011 at 05:00 P.M.
Bid closing date/time	07-04-2011 at 4:00 P.M.
Technical Bid opening date/time	07-04-2011 at 04:30 P.M.
Price Bid opening date/time	11-04-2011 at 04:30 P.M.
Contact person	Registrar, RGUKT
Reference No	RGUKT/Tender/Servers/P1/004/2011

A. The solution, service or material required:

A.1. Supply, Installation and commissioning of Servers for three constituent institutions IIIT under Rajiv Gandhi University of Knowledge Technologies (RGUKT), AP.

A.2. Scope of incidental services:

1. Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods.
2. Warranty Period services

A.3.Maintenance:

Bidder should indicate Annual maintenance cost for the indicated years after expiry of warranty period of three years and five years.

A.4. Delivery and Installation period

- a) Bidder shall deliver, install and commission the goods/services within **four (4) weeks** from the date of contract signing. The delivery locations are IIIT at Basar in Adilabad District, Nuzvid in Krishna District and R.K, Valley in Kadapa District, A.P.

Section B

B.1 Pre-Qualification criteria:

1. The bidder should be a manufacturer/authorized representative of a manufacturer/whole sale dealer and should be in business of manufacture and or supply and maintenance of the offered items for a minimum period of Three years in AP as on bid calling date.
2. A. For Schedule-I:- The bidder should have at least one service venter in each of the district (own/authorized) with at least three service support personnel at each of this service center as on bid calling date. Details of the service center details should be enclose in Form P2.
3. The bidder/OEM should have minimum annual turnover for the items/product mentioned (irrespective of brand/model) and for the brand offered, during the period of any two financial years of 2008-09, 2009-10 as follows:

S.No	Item Name	Financial years	Total sales (No's)	Brand offered sales (No's)
1.	Servers	2008-09	60	30
		2009-10	60	30

4. The bidder should furnish the information on major past supplies under the relevant product/services and satisfactory performance for the last three financial years.

Note: Relevant documents in support of above should be furnished.

Section C

C1. Statement of important limits/ values related to bid

Item	Description
EMD Schedule-I	1 .50 Lakhs
Bid Validity Period	90 days from the date of opening of bid
EMD Validity Period	45 days beyond bid validity period
Maintenance Period	3 Years Comprehensive onsite warranty
Variation in quantities	+/- 40%
Period for furnishing Performance security	Within 7 days from date of receipt of notification of award
Performance security value for schedule	10% of contract value for Schedule-I in favor of the Registrar Rajiv Gandhi University of Knowledge Technologies, Hyderabad, A.P from nationalized bank only.
Performance security validity period	60 days beyond warranty period for Schedule-I
Period for signing contract	Within 10 days from date of receipt of notification of award.
Warranty period	36 months from the date of successful installation of all goods of schedule-I
Up time %	97% calculated over 3 calendar months period. For the purpose of up time calculation, day will be counted of 12 hours duration -8:00 AM to 8:00 PM on all days.
Payment terms	
On delivery	50% of contract value
On acceptance & successful installation	Balance 50% of the contract value
LD for late deliveries	1% of the late delivered or deemed late delivered goods for one week or part there of 1.5% for 2 weeks or part there of 2% for 3 weeks or part thereof and so on.
Maximum LD for late deliveries	10% of value of late delivered of deemed late delivered goods
Penalty for failure to maintain during warranty or AMC	For every 1% reduction in up time from 97%, penalty will be 10% of AMC amount. For this purpose AMC will be assumed as 10% of PO value during warranty period the amount will be deducted from performance Bank guarantee (PBG). After warranty period AMC will be 12 of AMC indicated by bidder.
Options for the required equipment	If the bidder wants to give option, he may submit it as separate bids along with separate EMD. This will be treated as separate bid for evaluation.
Conditional bids	Not acceptable and liable for rejection.
Placing work order	<ul style="list-style-type: none"> ➤ RGUKT will place order on identified successful bidder. ➤ All the payments shall be made directly by RGUKT to the successful bidder as per the terms and conditions of RFP.

Section -D

Technical Specifications:-

Content Video Streaming Server Specifications

S. No	Parameter	Specification
1	CPU Speed	5.86 GT/s or Higher
2	No Of Cores	6 or Higher
3	CPU Frequency	Intel 2.66 GHz / AMD 2.0 GHz or Higher
4	L3 Cache	12MB or Higher
5	No of CPU-Min	Machine to be supplied with 2 Processors(Total 12 Cores) or Higher
6	No of CPU/Sockets-Max	2 or Higher
7	Chipset	Suitable Intel 5500 / AMD 5000 Chipset from OEM or Higher
8	DIMM Slots	8 or Higher
9	Memory Configuration	The System has to be supplied with 16 GB RDIMM operating @1333 MHz using 4GB DDR3 Modules or Higher
10	Memory Maximum	The System has to support a maximum Memory of 128 GB or Higher
11	RAID Controller	RAID Controller with 512 MB battery backed Cache to Support RAID Levels 0,1,5,10,6
12	HDD	The system should support at least 8 Nos of 2.5 inch/3.5 inch Hot Plug Hard Disks or Higher
13	HDD Required	The System Should be Supplied with 4 Nos of SAS 6G 15K RPM 600GB HDD to be configured in RAID-5 with Hot spare or Higher
14	I/O Expansion Slots	3 PCI-Express Slots or Higher
15	Network	2 Nos of 10/100/1000 Dual Ethernet Ports(4 Ports) and 1 No of 10Gbps Ethernet Port or Higher
16	Video Controller	On Board Video Controller
17	Optical Drive	DVD Read Write Drive
18	Form Factor	Rack
19	Remote Management Hardware	Controller for Management of Lights Out Environment / iLO Remote Management port
20	Management	Standard BMC with IPMI 2.0 support and Remote Management Hardware to be offered , Power Monitoring Feature Using Industry Standard PMBus 1.1
21	Remote Management Features	Virtual KVM Support
		Remote Virtual Floppy/CD/Disk
		Remote Virtual Serial Support
		Optional Dedicated 10/100 Mbps Port

		Server reset, reboot, power on/off cycle
		Viewing Post Logs, Hardware Error Logs, Blue Screens
		Viewing hardware sensors like temperature, voltage, error sensors
		Alerting Due to errors with e-mail
23	OS Certification	Windows Server 2003 Enterprise, Windows 2008 Enterprise, SUSE 10 Enterprise, RHEL AS 5, VMWARE ESX Server latest edition
24	Security	Trusted Performance Module should be part of the system
25	Operating System	RedHat Enterprise Linux 5 A.P standard version with 5 Years Support
26	Warranty	Five Years Onsite for Both Hardware and Software (24/7)
27	Redundancy	The System should be supplied with Redundant Fans and Power Supplies.
28	System Driver & Utilities	The drivers for the system supplied on a Flash Card/CD/DVD Media internal to the server
29	Accessories	The System should be supplied with Sliding Rail Kit with Cable Management Arm. Accessories to connect to IP KVM switch should be supplied

Mail server Specifications

S.No	Parameter	Specification
1	CPU Speed	5.86 GT/s or Higher
2	No Of Cores	6 or Higher
3	CPU Frequency	Intel 2.66 GHz / AMD 2.0 GHz or Higher
4	L3 Cache	12MB or Higher
5	No of CPU-Min	Machine to be supplied with 2 Processors(Total 12 Cores) or Higher
6	No of CPU/Sockets-Max	2 or Higher
7	Chipset	Suitable Intel 5500 / AMD 5000 chipset from OEM or Higher
8	DIMM Slots	8 or Higher
9	Memory Configuration	The System has to be supplied with 24 GB RDIMM operating @1333 MHz using 4GB DDR3 Modules or Higher
10	Memory Maximum	The System has to support a maximum Memory of 128 GB or Higher
11	RAID Controller	RAID Controller with 512MB Battery Backed Cache to Support RAID Levels 0,1,5,10,6
12	HDD	The system should support at least 8 Nos of 2.5 inch/3.5 inch Hot Plug Hard Disks or Higher

13	HDD Required	The System Should be Supplied with 6 Nos of SAS 6G 15K RPM 600GB HDD to be configured in RAID-5 with Hot spare or Higher
14	I/O Expansion Slots	3 PCI-Express Slots or Higher
15	Network	2 Nos of 10/100/1000 Dual Ethernet Ports(4 Ports) and 1 No of 10Gbps Ethernet Port or Higher
16	Video Controller	On Board Video Controller
17	Optical Drive	DVD Read Write Drive
18	Form Factor	Rack
19	Remote Management Hardware	Controller for Management of Lights Out Environment / iLO remote management port
20	Management	Standard BMC with IPMI 2.0 support and Remote Management Hardware to be offered , Power Monitoring Feature Using Industry Standard PMBus 1.1
21	Remote Management Features	Virtual KVM Support
		Remote Virtual Floppy/CD/Disk
		Remote Virtual Serial Support
		Optional Dedicated 10/100 Mbps Port
		Server reset, reboot, power on/off cycle
		Viewing Post Logs, Hardware Error Logs, Blue Screens
		Viewing hardware sensors like temperature, voltage, error sensors
		Alerting Due to errors with e-mail
22	OS Certification	Windows Server 2003 Enterprise, Windows 2008 Enterprise, SUSE 10 Enterprise, RHEL AS 5, VMWARE ESX Server latest edition
23	Security	Trusted Performance Module should be part of the system
24	Operating System	RedHat Enterprise Linux 5 A.P standard version with 5 Years Support
25	Warranty	Five Years Onsite for Both Hardware and Software (24/7)
26	Redundancy	The System should be supplied with Redundant Fans and Power Supplies.
27	System Driver & Utilities	The drivers for the system supplied on a Flash Card/CD/DVD Media internal to the server
28	Accessories	The System should be supplied with Sliding Rail Kit with Cable Management Arm. Accessories to connect to IP KVM switch should be supplied

DB Server Specifications:-

S.No	Parameter	Specification
1	CPU Speed	5.86 GT/s or Higher
2	No Of Cores	6 or Higher
3	CPU Frequency	Intel 2.66 GHz / AMD 2.0 GHz or Higher
4	L3 Cache	12MB or Higher
5	No of CPU-Min	Machine to be supplied with 2 Processors(Total 12 Cores) or Higher
6	No of CPU/Sockets-Max	2 or Higher
7	Chipset	Suitable Intel 5500 / AMD 5000 chipset from OEM or Higher
8	DIMM Slots	8 or Higher
9	Memory Configuration	The System has to be supplied with 24 GB RDIMM operating @1333 MHz using 4GB DDR3 Modules
10	Memory Maximum	The System has to support a maximum Memory of 128GB or Higher
11	RAID Controller	RAID Controller with 512MB Battery Backed Cache to Support RAID Levels 0,1,5,10,6
12	HDD	The system should support at least 8 Nos of 2.5 / 3.5 inch Hot Plug Hard Disks or Higher
13	HDD Required	The System Should be Supplied with 5 Nos of SAS 6G 15K RPM 300GB HDD to be configured in RAID-5 with Hot Spare or Higher
14	I/O Expansion Slots	3 PCI-Express Slots or Higher
15	Network	2 Nos of 10/100/1000 Dual Ethernet Ports(4 Ports) and 1 No of 10Gbps Ethernet Port or Higher
16	Video Controller	On Board Video Controller
17	Optical Drive	DVD Read Write Drive
18	Form Factor	Rack 2U
19	Remote Management Hardware	Controller for Management of Lights Out Environment / iLO remote Management port
20	Management	Standard BMC with IPMI 2.0 support and Remote Management Hardware to be offered , Power Monitoring Feature Using Industry Standard PMBus 1.1
21	Remote Management Features	Virtual KVM Support
		Remote Virtual Floppy/CD/Disk

		Remote Virtual Serial Support
		Optional Dedicated 10/100 Mbps Port
		Server reset, reboot, power on/off cycle
		Viewing Post Logs, Hardware Error Logs, Blue Screens
		Viewing hardware sensors like temperature, voltage, error sensors
		Alerting Due to errors with e-mail
22	OS Certification	Windows Server 2003 Enterprise, Windows 2008 Enterprise, SUSE 10 Enterprise, RHEL AS 5, VMWARE ESX Server latest edition
23	Security	Trusted Performance Module should be part of the system
24	Operating System	RedHat Enterprise Linux 5 A.P standard version with 5 Years Support
25	Warranty	Five Years Onsite for Both Hardware and Software (24/7)
26	Redundancy	The System should be supplied with Redundant Fans and Power Supplies.
27	System Driver & Utilities	The drivers for the system supplied on a Flash Card/CD/DVD Media
28	Accessories	The system has to be supplied with Rack Mount Kit & Cable Management ARM. Accessories to connect to IP-KVM Switch should be supplied

Tape Driver Specifications:-

S.No	Parameter	Specification
1	Interface	6Gb SAS
2	Recording format	LTO Ultrium Generation 5
3	Media	LTO Ultrium
4	Capacity	1500 GB (native) 3000 GB (compressed, assuming 2:1 compression)
5	Data transfer rate	140 MB/sec Native
6	(maximum)	
7	Burst transfer rate	up to 600 MB/sec
8	Warranty	5 Years
9	OS Support	OS Support for UNIX, VMWARE 4.0, Solaris, RedHat ASS, SUSE Linux, Windows 7 Windows 2003, windows 2008
10	Tape Cartridge	5 Nos of LTO-5
11	Cleaning Cartridge	1 No of Cleaning Cartridge

Others:-

S.NO	ITEM NAME
1	16 port LCD KVM Switch(USB) with 19 inch LCD Display
2	Standard USB Keyboard & Mouse
3	President Make 42U Rack Enclosure with minimum 24 power sockets and cooling Fans

NOTE

A complete set of bidding documents may be purchased by interested bidders from the RGUKT contact person upon payment of the bid document price which is non-refundable. Payment of bid document price should be by demand draft / cashier's cheque or certified cheque drawn in favor of "Registrar , Rajiv Gandhi University of Knowledge Technologies " and payable at Hyderabad (India).