

BID DOCUMENT

Open Competitive Bid (OCB)

For

**Providing of IT Infrastructure facilities to the Class
Rooms at the three campuses 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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News paper advertisement

Tender Notice

	<p>RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES Ground Floor, Vindhya C4 Building, IIIT-H Campus, Gachibowli, HYDERABAD- 500 032 Phone: 040-23001830</p>
<p>Sealed Tenders are invited for providing of IT Infrastructure facilities to 25 class rooms at the three campuses of RGUKT located at Basar (Adilabad Dist.), Nuzvid (Krishna Dist) and RK Valley (YSR Kadapa Dist.).</p>	
<p>The last date of submission of Tender for the above item is 25.06.2012 at 04.00 PM and along with EMD as specified in the bid document.</p>	
<p>Interested parties can collect the Tender documents from the office of the RGUKT from 11.06.2012 to 23.06.2012 against payment of Rs. 5,000/- for each item towards the cost of Tender document (non-refundable) through D.D. payable to REGISTRAR, RGUKT at Hyderabad. Further details visit our website www.rgukt.in</p>	
<p>Date: 11.06.2012</p>	<p>Sd/- Registrar</p>

Section A

Tender call notice.

Rajiv Gandhi University of Knowledge Technologies
Vindhya-C4 Building, Ground Floor, IIIT Campus, Gachibowli, Hyderabad-32.
Phones :Tel Fax : 040-23001830

Tender call

for Providing IT Infrastructure facilities for 3 campuses & Classrooms of

Rajiv Gandhi University of Knowledge Technologies

Time schedule of various tender related events.

Bid calling date	11.06.2012
Pre-bid meeting date/time	18.06.2012 at 04.00PM
Last date for Sale of Bid document	23.06.2012 at 5.00PM
Bid closing date/time	25 .06.2012 at 04.00 PM
Bid opening date/time	25.06.2012 at 05:00 PM
Commercial bid opening date/time	26.06.2012 at 05:00 PM
Bid Document Fee	Rs. 5,000/-
RGUKT Contact person	Registrar, RGUKT
RGUKT Reference No.	RGUKT/Proc/IT Infra/T 07/2012

Introduction:

The **Rajiv Gandhi University of Knowledge Technologies** has identified 3 campuses in the state of Andhra Pradesh for imparting technical knowledge.

The campus will be imparting education through the state of the art of the methods to enable the students graduating from these institutions to take the challenges and exceed the demands of the industry.

The 3 Campuses located at Basara, Idupulapaya and Nuzvid are with sprawling areas of 100 Acres approximately.

The University is providing the students with the latest infrastructure in the campus. The access to internet will be available on 24 hours basis with enough bandwidth.

The infrastructure in the class rooms will be with the most modern

- Modular Computer Work Stations
- High Quality Audio & Video System with LCD Projector
- High Bandwidth – Campus Network

- Fiber Optic Back Bone to provide Gigabit Uplinks
- Video Learning Methods
- Un-interrupted Stabilized Power Supply

The students enrolling into these institutions will be equipped with the laptops. Each class room will be accommodating 70 students. Each class room will have 2 mentors.

The learning methodology conceived under this program is “Learning by Doing” and implemented by e-learning technology.

This methodology of imparting education demands excellent high quality infrastructure and hence this tender for providing the above is being invited by The Registrar, Rajiv Gandhi University of Knowledge Technologies, RGUKT Hyderabad.

A. The solution, service or material required:

A.1. Supply, installation and commissioning of following equipment on Turnkey basis:

Sl. No.	Description
1	Audio Visual Equipment
2	Modular Computer Workstations
3	Student Computer work station chairs
4	Electrification of Workstations
5	Campus Networking
	Active Components Building Core Switches Distribution Switches Access Switches
	Passive Components +Copper,Fiber & IntegrationComponents & Integration Charges
6	Uninterrupted Power Supply

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, Three years for all the components and UPS (for cabling labour and UPS batteries it is 1 year).

A.3. Maintenance :

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

A.4. Delivery and Installation period

Bidder shall deliver the goods/services in phases as required by RGUKT and install and commission the same as per the project milestones of the University. The delivery locations are IIIT at Basar in Adilabad District, Nuzivid in Krishna District and R.K.Valley in Kadapa District, A.P.

Section B

B.Pre-Qualification criteria :

Bidder means: Individual Bidder (or) Principle consortium bidder (or) Either of the JV company partners.

- B.1 The Bidder must have been in the business of providing IT-related infrastructure facilities for Education Institutions or industries of the same scale for a minimum period of 3 years.
- B.2 The Bidder must have the competency of catering to all the domains in the tender.
- B.3 The Bidder bidding for part of the tender will be rejected.
- B.4 The bidders are entitled to bid jointly as a Joint Venture / Consortium with another agency or individually for the entire scope of the work. In case of the Joint Venture or Consortium documentary evidence should be produced. In case of consortium the Principal Consortium Bidder is responsible for the entire scope of work.
- B.5 The bidder/ Joint Venture or Joint Venture partners / Consortium or Consortium partners individually or jointly should have an Annual turnover of **Rs.5.00 Crores** per year for the past 3 years (2009-10, 2010-11 and 2011-12) and a proof to this effect should be enclosed in the form of Balance Sheets/ Auditors Certificates.
- B.6 The existing campus network (approximately 4500 Nodes at each location) is integrated using Cisco Switches (Core, Distribution and Access), CISCO Routers, Cisco Firewalls, Cisco Application Control Engine and Cisco Network Management Software. Any equipment being proposed must be 100% compatible with the existing Network Devices and the Protocols like VTP (VLAN Trunking Protocol), PVST+ & Rapid PVST+, UDLD, SPAN & RSPAN and Private VLANs and Cisco Network Management Software.

In case a bidder offers active components which are different from the existing active components, the bidder should have the previous experience of having executed a Campus Network of similar size with the proposed Active Components and also having integrated the proposed active components with Cisco Components at all levels of the campus network (Core, Distribution and Access) without interoperability problems. The bidder shall submit purchase orders and performance certificates from client as proof. RGUKT can verify such claims by inspection if needed.

B7. The bidder must demonstrate capability of establishing, operating and maintaining a large scale network of at least similar size on turnkey basis. (A proof to this extent should be enclosed in the form of Purchase orders along with installation report and/or Performance Certificate from client)

B.8 The prequalification criteria for the bidders to establish the campus network will have to comply with the additional clauses as below.

1. The bidder should be an Authorized Integrator / Business Partner / Reseller of the Brand of switches that are proposed for the supplies for a minimum period of 3 years in Andhra Pradesh as on bid calling date. A proof towards this status should be enclosed along with the bid.
2. All the Active Components proposed should be from a single Manufacturer only and the past experience of the bidders for the same make of network actives which the bidder is quoting for these tender are essential.
3. The Active Components Proposed should be supported by the Principal Manufacturer for Technical Assistance on 24 x 7 basis thru a TAC Centre.
4. The Original Equipment Manufacturer of Active Components should be an ISO 9001 & ISO 14001 Certified.
5. Service Support should be available directly from the Principals. Quoted OEM Products should have spares depot in Andhra Pradesh or should maintain adequate spares at each of the site as follows.
 - a. L3 Core & distribution switches :10% of the L3 Core & Distribution Switches with all Active Cards / Modules of the same make and model at Each Location..
 - b. Access switches: Maintain 20% of Switches for Access Connectivity of the same make and model at Each of the Site.
6. The Bidder should submit the Manufacturers authorization for the proposed Product on OEM's letter head to participate for this tender mentioning the bid reference.
7. The Bidder should be an Authorized Partner for the Proposed Active Components for the last 3 years - A certificate to this extent to be enclosed.
8. The bidder should have sold and installed at least 50% of the Total Quantity of the switches being proposed against or this equivalent tender of the same brand in the last financial year (2011-12) in the state of Andhra Pradesh, a proof to this

- extent should be attached in the form of purchase orders & Installation certificates.
9. The Active components proposed should have at least 20% market share in Switching & Routing in India.
 10. The products quoted should not be declared End of Life at the time of delivery and OEM should support the products quoted for at least 5 years and a letter to this extent be attached as a proof.
 11. The Bidder should have an average turnover of **Rs.3.00 Crores** per annum for the last 3 years (2009-10, 2010-11 and 2011-12) and 90% of the above turnover should constitute towards the sale and implementation of Networks.
 12. The Passive Components proposed should be from the Single Manufacturer for both Fiber and Copper Components.
 13. The Passive installation should be backed by 'Extended Product and Application warranty' for a period of 20 years or more from the date of Installation by the OEM.
 14. The bidder must have a full-fledged support centre in Andhra Pradesh to support the installation & should have qualified engineers to attend to the support as & when required by the college with in 24 hours.
 - a. The Bidder should have at least 10 certified engineers for Proposed Active Components and (Certificates to be attached along with the Technical Bid).
 - b. Should have 10 certified cabling installers whom the OEM has qualified for the Proposed Brand. (Certificates of the Cabling Installers to be attached along with the Technical Bid).
 15. The Bidder should have installed at least 3 campus networks (Educational/ Industrial) and should have been in the business of providing Turnkey Solutions for Campus Networking for the last 3 years (a Proof to this extent should be provided by way of Photocopies of Installation Reports or Performance Certificates or Purchase orders)
 16. The bidder, as authorized representative, should have supplied, installed and commissioned campus networks for Educational Institutions or industries of same scale satisfactorily with at least 250 Node Network and about (2) Two Kilo metres of Fiber Optic cable similar to the type specified in the Schedule of Requirements. The bidder must have executed projects either against a single order or in the phased manner for the same campus.

17. The successful bidder should be able to provide an on-site support for a period of Three years from the date of handing over of the site.
18. The Passive Components OEM should be in the Global Structured Cabling Market for a Minimum period of 5 years. A Proof to this extent should be enclosed. The Original Equipment Manufacturer of Passive Components should be an ISO 9001 & ISO 14001 Certified.
19. The Passive Components OEM should produce the Third Party Test certificate (UL/ETL).
20. The Passive Components OEM should be backed by strong R&D Facilities and a certificate to this extent should be attached.

B.9 The prequalification criteria for the bidders to establish the Audio Visual Equipment with LCD Projector will have to comply with the additional clauses as below.

1. The manufacturer authorization letter to participate in the said tender giving the bid reference details.
2. The bidder should have supplied and installed a minimum of 10 Projectors and AV Equipment at a single campus in a single order or in a phased order for the last 2 years. A Proof to this extent should be submitted in the form of Purchase Orders and or Installation Reports.

B.10 The prequalification criteria for the bidders to supply & Install Modular workstations and chairs will have to comply with the additional clauses as below.

1. The bidder should have a minimum of 3 years experience in executing specialized large/medium scale (Approx. 50 modular workstations in a single campus and a total of 250 modular work stations) modular works which includes supply, installation and maintenance of modular workstations and Chairs in coordination with networking and electrical works. A proof to this extent should be submitted in the form of purchase orders.

B.11 The prequalification criteria for the bidders to establish the Uninterrupted Power Supply system (UPS) will have to comply with the additional clauses as below.

1. The OEM should have minimum 5 Years of experience in manufacturing, servicing of UPS Systems with ratings of 30KVA and more than 30 KVA in India. Also vendor should have full manufacturing & servicing facility certified by agencies like DNV / ETDC etc.
2. The OEM should have ISO 9001 & 14001 certification.

3. The OEM should have supplied & installed minimum 100 Nos 30 KVA & above UPS system ratings in last two years.
4. The manufacturer authorization letter on OEM's letterhead to participate in the said tender giving the bid reference details and also general authorization.
5. The OEM shall provide minimum 5 Nos of performance certificates from the end users for 5 Nos 30 KVA & above UPS system ratings in the state of Andhra Pradesh.
6. OEM should give an undertaking that they shall provide services for a period of 5 years after completion warranty period.
7. All break down calls shall be attended with in 24 hours from receipt of complaint over phone/fax/email etc. Adequate service spares to be stocked in their nearest service centre and the same are to be made available to customer in the event of break down.

Note: Relevant documents in support of above should be furnished

Section C

C1. Statement of important limits/values related to bid

Item	Description
Ernest Money Deposit (EMD)	Rs.4.00 lakhs
Bid Validity Period	60 days from the date of opening of bid
EMD validity Period	45 days beyond bid validity period
Maintenance Period	a) 5 years for Active network components and UPS including warranty period b) 3 Years for other equipment
Warranty Period	Audio Visual Equipment 3 years for Electronic Components 500 Hours / 90 Days for Projector Lamp which ever is earlier. Modular Computer Workstations & Chairs 3 years for workstations & Chairs Electrification of Work Stations 3 Years Active Network Components 3 Years Passive Network Components 1 year for Cabling labour, 20 years for manufacturing Defects. Uninterrupted Power System (UPS) 3 year on UPS 1 year for Batteries
Variation in quantities	+/- 30%
Period for furnishing performance security	Within 7 days from date of receipt of notification of award.
Performance security value	3% of order value redeemable @ 1% of the order value at the end of each years warranty period.
Performance security validity period	60 days beyond warranty period.
Period for signing the Order Acceptance	Within 7 days from date of receipt of notification of award
Up time %	97% calculated over 3 months period
Delivery & Installation	Within 4 weeks from the date of purchase order.

Payment terms	
On delivery at respective sites	80% of contract Value
On Installation	10% of contract Value
On Acceptance test	10% of contract Value
LD for late deliveries	1.0% of the late delivered goods per week or part there of.
Maximum LD for late deliveries	10% of value of late delivered goods.
Penalty for failure to maintain during warranty or AMC	For every 1% reduction in uptime from 97%, penalty will be 10% of AMC amount. For this purpose AMC will be assumed as 1.50% of PO value during warranty period. After warranty period AMC will be 1/4th of AMC indicated by bidder.
Conditional bids	Not acceptable and liable for rejection
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.

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).