

Open Competitive Bid (OCB)

For

Procurement of Computer Hardware

For School Education Department

under

Rajiv Vidya Mission - (RVM)

In all the 23 Districts of Andhra Pradesh

Proprietary & Confidential

July 2010

**Andhra Pradesh Technology Services Limited,
Boorgula Ramakrishna Rao Bhavan, B-block, 4th floor,
Tankbund road,**

Hyderabad, AP 500 063, India.

Telephones: 91 (40) 23224289, (40) 23223865

Fax: 91 (40) 23227458

Email: apts@apts.gov.in

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News paper advertisement.

**Procurement of Computer Hardware for School Education Department under
Rajiv Vidya Mission (RVM),**

Tender call for

Supply of Hardware - N-Computing - PC Host connected to 4 terminals, Printers, and UPS

Time schedule of various tender related events:

Bid calling date	21-07-2010
Last date/time for clarification	26-07-2010, 05:00 PM
Pre-bid conference date/time	27-07-2010, 11:00 AM
Bid closing date/time	02-08-2010, 03:00 PM
Bid opening date/time	02-08-2010, 03:30 PM
Bid Document Fee	Rs.10,000/-
APTS Contact person	Manager (HWP)
Reference No.	APTS/HWP/SPD-RVM-SSA/2010

For further details regarding detailed tender Notification, specifications and digital certificate please visit <http://www.apts.gov.in> and www.eprocurement.gov.in. The bid document fee is payable only when you indent full copy of the bid document and for participation. The quantities mentioned above are only indicative and may vary depending on actual requirement. Note: Uploading of the documents, the correctness/authenticity is the responsibility of the bidder only

Managing Director

**Andhra Pradesh Technology Services Limited (APTS),
Boorgula Rama Krishna Rao Bhavan, B-block, 4th floor, Tank Bund Road,
Hyderabad, AP 500 063, India
Phones:(40) 23224289; (40) 23223865; Fax: (40) 23227458**

Section A

Tender call notice.

**Andhra Pradesh Technology Services Limited (APTS),
Boorgula Rama Krishna Rao Bhavan, B- Block, 4th floor,
Tank Bund Road, Hyderabad, AP 500 063, India.
Phones : (40) 23224289; (40) 23223865; Fax: (40) 23227458.**

Tender call for

Supply of Hardware - N-Computing - PC Host connected to 4 terminals, Printers, UPS and MS-Office Software

Time schedule of various tender related events.

Bid calling date	21-07-2010
Last date/time for clarification	26-07-2010, 05:00 PM
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APTS Contact person	Manager (HWP)
Reference No.	APTS/HWP/SPD-RVM-SSA/2010

A. The solution, service or material required:

This tender call is issued on e-procurement market place at www.eprocurement.gov.in. All the terms and conditions are to be read jointly as mentioned in the e-procurement market website and in this document.

A.1. Supply and commissioning of computers for implementing the program in the Government Schools under Innovative Activity of Rajiv Vidya Mission (RVM), Sarva Siksha Abhiyan (SSA) covering all the 23 Districts in AP and this intends for improvement of education system, the prospective bidders may take advantage of Academic discount while bidding as detailed below.

Schedule	Qty
D.1.1 PC : PC Host connected to 4 terminals	805 Nos
D.1.2 SD : Shared Computing Device for 4 Access Points	3220 Nos
D.1.3 TR : PC Terminals connected to Monitors, Keyboard, Mouse and External Speaker set(2Nos)	4025 Nos
D.1.4 LJ : LaserJet Printers	805 Nos
D.1.5 UPS : UPS – 600VA Line Interactive UPS System	1610 Nos

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 are for three years for all the items(including batteries).

A.3. Maintenance :

Successful bidder has to supply & maintain the all the items including re-installation of Operating system and MS Office software incase gets corrupted.

If the Host systems or any Terminal, UPS or Printer is/are down and not working, same need to be repaired and restored for normal functioning.

Bidder should indicate Annual maintenance cost for the indicated years after expiry of warranty period of 3 years

A.4. Delivery and Installation period

Bidder shall deliver the goods/services with in **Four weeks** and install and commission the same with in **Six weeks** from the date of contract signing. The delivery locations are the schools spread across the districts and mostly remote areas.

A.5. Warranty

Warranty period is for 3years comprehensive(3/3/3). During warranty period the bidders should conduct preventive maintenance once in a quarter besides attending the calls.

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: - Minimum **One Service centre** Authorised or own in each of the District in A.P. and with at least **Three Service Support personnel in each of the service centre** as on bid calling date.

3. The bidder should have minimum **Annual Turnover** for the items/product mentioned (irrespective of brand/model) and for the brand offered, during 2007-08, 2008-09 & 2009-10 as follows:

SI No.	Item name	Financial year	Total Sales (Nos.)	Brand offered sales(Nos.)
1	N-Computing unit (setup : A Host & Min. of 4 Terminals)	2007-08	800	400
		2008-09	800	400
		2009-10	800	400
2	LaserJet Printers	2007-08	800	400
		2008-09	800	400
		2009-10	800	400
3	UPS	2007-08	1600	800
		2008-09	1600	800
		2009-10	1600	800

The bidder should have supplied and installed as per the requirement of Total number of units sold of the offered items, mentioned in the table above in any two financial years in respect of total sales and Brand offered.

4. The bidder should furnish the information on major past supplies under the relevant product/services and satisfactory performance for the **financial years** of 2007-08, 2008-09 & 2009-10.

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

Section C

C1. Statement of important limits/values related to bid

Sl No.	Item	Description						
1	EMD Schedule – I	Schedule-I Rs. 14.00 Lakhs						
2	Bid Validity Period	90 days from the date of opening of bid						
3	EMD validity Period	45 days beyond bid validity period						
4	Maintenance Period	3 years including warranty period for Schedule-I						
5	Variation in quantities	+/- 25%						
6	Period for furnishing performance security	Within 7 days from data of receipt of Notification of Award						
7	Performance security value	10% of Contract value for all Schedule in favour of “ The Managing Director, APTS, Hyderabad “						
8	Performance security validity period	60 days beyond warranty period						
9	Period for signing contract	Within 10 days from date of receipt of notification of award						
10	Warranty period	36 months from the date of successful installation of all goods of Schedule-I						
11	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.						
12	Payment terms	Cumulative payment						
13	On delivery & successful installation.	90% of contract value						
14	On Acceptance	100% of contract value						
15	LD for late deliveries	1% of the late delivered or deemed late delivered goods for 1st week or part there of, 1.5% for 2nd week or part there of, 2% for 3 rd week or part there of and so on.						
16	Maximum LD for late deliveries	10% of value of late delivered or deemed late delivered goods						
17	Penalty for failure to maintain during warranty or AMC for Schedule I	<p>If down time is more than the permissible down time following penalties shall apply(For every 1hour beyond permissible window time penalty shall be imposed as mentioned below in the table)</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Penalty beyond permissible downtime for every hour or part thereof and soon</th> </tr> </thead> <tbody> <tr> <td>Host Computer and any of the Terminal</td> <td>0.5% of the total equipment cost at that site subject to a maximum of total equipment cost at that site.</td> </tr> <tr> <td>Printer or UPS</td> <td>0.3% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.</td> </tr> </tbody> </table>	Item	Penalty beyond permissible downtime for every hour or part thereof and soon	Host Computer and any of the Terminal	0.5% of the total equipment cost at that site subject to a maximum of total equipment cost at that site.	Printer or UPS	0.3% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.
Item	Penalty beyond permissible downtime for every hour or part thereof and soon							
Host Computer and any of the Terminal	0.5% of the total equipment cost at that site subject to a maximum of total equipment cost at that site.							
Printer or UPS	0.3% of the total cost of the equipment at that site subject to a maximum of total equipment cost at that site.							
18	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.						
19	Conditional bids	Not acceptable and liable for rejection						
20	Transaction Fee	<p>Transaction fee: All the participating bidders who submit the bids have to pay an amount @ 0.03% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase upto Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores & service tax applicable @ 10.30% as levied by Govt. of India on transaction fee through online in favour of M/s. C1 India Pvt. Ltd. The amount payable to M/s.C1 India is non refundable.</p> <p>Corpus Fund: Successful bidder has to pay an amount of 0.04% on quoted value through demand draft in favour of Managing Director, APTS, Hyderabad towards corpus fund at the time of concluding agreement.</p>						
21	Transaction Fee Payable to	C1 India Pvt Ltd, Hyderabad						
22	Bid submission	<p>On Line.</p> <p>Bidders are requested to submit the bids after issue of minutes of the pre bid meeting duly considering the changes made, if any during the pre bid meeting. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any during pre bid meeting in their bid.</p>						

23	Eligibility Criteria	As per Section B
24	Procedure for Bid Submission	<p>Bids shall be submitted online on www.eprocurement.gov.in platform</p> <ol style="list-style-type: none"> 1. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website www.eprocurement.gov.in. 2. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates. 3. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place. 4. The bidders should scan and upload the respective documents in Pre Qualification and Technical bid documentation as detailed at Section E & G of the RFP including EMD. The bidders shall sign on all the statements, documents certificates uploaded by him, owning responsibility for their correctness/authenticity. 5. The rates should be quoted in online only
25	Other conditions	<ol style="list-style-type: none"> 1. After uploading the documents, the copies of the uploaded statements, certificates, documents, original Demand Drafts in respect of Bid Security (except the Price bid/offer/break-up of taxes) are to be submitted by the bidder to the O/o The Managing Director, APTS so as to reach before the date and time of Bid closing. Failure to furnish any of the uploaded documents, certificates, before the date and time of opening of Pre-Qualification bid will entail in rejection of the bid. The Department shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited. 2. APTS will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents. 3. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation. 4. Important Notice to Contractors, Suppliers and Department users <ol style="list-style-type: none"> (i) In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 5.7.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.

Section -D

D Technical specification:

D.1.1 PC : Host PC – 805 Nos

Make	_____
Model	_____
Processor	Intel Pentium Core 2 Duo CPU @2.8GHz or Equivalent
Cache	2MB L2 Advanced Transfer Cache or higher
Chipset	Compatible Intel Chipset
RAM	3 GB DDR3 RAM (1066/1333 MHz) expandable to 8GB
Memory Slots	4 DIMM Slots
HDD	320GB SATA3.0Gb/s NCQ hard drives (7200RPM) (Provision of Total of 2x Internal hard drive support)
Network Interface	Integrated NIC 10/100/1000Mbps
Graphics	Graphics Integrated Intel GMAx3100 or equivalent
Audio	Integrated High Definition Audio with an Internal PC Speaker
Combo Drive	DVD Writer (16x Dual - R/W) – Internal
I/O Ports	Front I/O includes : 2Nos of USB 2.0, dedicated headphone output Microphone jack Rear I/O includes : 6 USB2.0, Serial port, 2Nos. for Keyboard & 1 Parallel port, RJ-45 Network Interface, DVI-D & VGA video interfaces, Microphone jack & audio in/out jacks
PCI Slots & Bays	i) Minimum 4 PCI Slots of which 2Nos of full height PCI 2.3 Slots, 1Nos. PCI e x1, a PCI Express x16 slot ii) And Number of Bays -05Nos.
Compliance & Certification to be submitted.	OEM: 14001:2008 Certificate, PC: UL/CSA, RoHS Compliance and MS Windows & Suse/RedHatLinux Certifications
Antivirus	Pre-Installed Latest version of Licensed Antivirus Software: McAfee/ Norton/E-Trust/ QUICK HEAL / NOD 32 with support/updates upto 3years. (Product key sticker)
Power Supply	300W, 85% Energy efficient Power supply with Active Power factor Correction
Dust cover	Dust Cover for Host PC, Monitor and Terminals
Warranty	3 years Comprehensive on-site warranty (3/3/3 modal warranty support)
Note :	The Successful will collect the Licensed Microsoft Windows7 downgradeable to VISTA Home edition with Media kit for factory installation before pre-dispatch.

D. 1.2 : TR : PC Terminals connected to Monitor, Keyboard & Mouse – 3220Nos

Monitor Make	
Monitor Model	
Monitor Size	Access Terminal: Allow 4 users to share a single host PC through a shared Computing PC-Sharing kit (which includes one Full Height PCI Card, Virtualization software, 4 access devices with Speaker Output, PS/2 Mouse and PS/2 Keyboard Output. Monitor output and RJ 45 Connection Port. Each access device should be standalone equipment and not integrated with any peripherals like keyboard, mouse, monitor etc.
Monitor	Each user should have independent 15" TFT monitor, PS/2 keyboard and PS/2 mouse. The access device should be integrated with host PC via UTP cable. Latest TCO Certification compliant for Monitor.
	Each user should have independent desktop environment
Log-in & Log-out	Login Experience, Responsiveness (mouse, keyboard, application start - up and execution). Graphics/Multimedia, Logout.
Power consumption	Power consumption of each access device should not exceed more than 1-2 watts.
Following O/s and other software to be Supported	MS Windows OS(XP/Vista/7 & Server 2003/2008) and Linux. (Ubuntu) Office Suite (MS), Internet and other software's viz., Flash based Multimedia applications
Peripheral Ports	VGA, PS/2 Mouse, PS/2 Keyboard and Speakers
Connection overview	1) Speaker Jack (2) PS/2 Keyboard Port (3) PC/2 Mouse Port (4) VGA Monitor Port (5) RJ-45 PCI Card Connection Port
Distance from Host PC	Maximum 5m (or) 16 feet
Cable Length	Standard Category 5e or 6 UTP Cable : upto 5 meters (16 feet), 6 STP Cable : upto 10 meters (33 feet)
Audio	16 bit stereo output via speaker port
No. of Users per Kit	4 users to one Kit
Certifications	ISO 9001, FCC Class B, MIC, RoHS Compliant
Connection Type	Direct UTP Cable
Cat6 UTP Patch cords	Factory Crimped with RJ 45 jacks on both the ends of Cat6 UTP Cable of 5Mtrs length
Optional Software	N-Control (Remote Control and Management), NShield (Hard Drive Partition Recovery)
External Speakers	Pair of external Speakers
Warranty	3 years Comprehensive on-site warranty (3/3/3 modal warranty support)

D. 1.3 : LJ : Laserjet Printers –805Nos.

Printer Make	_____
Printer Model	_____
Print Speed	14 PPM in (A4) or higher
Memory	2 MB or higher
Resolution	600 dpi x 600 dpi output
Duty Cycle monthly	Up to 5,000 Pages and above
Input Capacity	150 sheets
Output Capacity	100 sheets or above
Interface	Compatible with USB 2.0
Consumables	Integrated Drum and Toner (Single Cartridge Technology)
OS Compatibility	MS Windows 2000/XP/2003 Server/Vista Business/ Windows 7
Accessories	With required cables and CDs
Warranty	3 years Comprehensive on-site warranty (3/3/3 modal warranty support)

D.1.4 UPS: UPS – 600 VA Line Interactive UPS System – 1610Nos.

UPS Make	_____
UPS Model	_____
Model	Line Interactive
Capacity	600 VA
Technology	Microprocessor controller design, PWM technology with MOSFETs/IGBT
Input voltage	140-300V
Input frequency	50Hz±3
Output voltage	190-253VAC
Inverter Mode:	
Output wave form	Quasi sine wave
Output voltage	230 ± 10%
Transfer time	Maximum – 4ms
Battery (Total AH)	In-built batteries of 14AH SMF (Makes : Exide Power safe / Panasonic/ Hitachi/ Maharaja Orchid/ Rocket/ Base)
Certifications	Valid ETDC/SAMEER certificate for the UPS model proposed to submitted along with the Technical bid.
Indicators	Mains ON, Inverter ON
Audible Alarms	Mains Failure Alarm, Low battery Alarm, Overload, Built-in Protection
Protections & other features	Built-in protection against surges, over load and short circuit. Circuit breaker/fuse assembly for input supply, output supply and DC input. UPS should be compatible to generator output. Full time EMI / RFI Suppression Cold Start Capability
Cabling & Accessories	Vendor should supply the required accessories I/O cables with (Required length and Nos) for complete installation of UPS
Warranty	3 years Comprehensive on-site warranty (3/3/3 modal warranty support) including Batteries

Section E

E.1 Bidding procedure - Separate bid for each schedule :

E.1. Offers should be made in three parts namely, “Pre-qualification bid”, “Technical bid” and “Financial bid” and in the format given in bid document. Each offer should be placed separately in the e-procurement market place

- 1.) EMD details should be given in the “Pre-qualification bid”.
- 2.) Tenders will be accepted only from those who have paid the tender document fee.
- 4.) All correspondence should be with APTS contact person.
- 5.) A complete set of bidding documents may be purchased by interested bidders from the APTS 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 favour of "The Managing Director, Andhra Pradesh Technology Services Ltd." and payable at Hyderabad (India) not later than 1 hour before submission of the bid.

E.2. Pre-qualification bid:

It shall include the following information about the firm and/or its proposal.

1. General information on the bidder's company in Form P-1
2. Turn over details in relevant field in Form P-2A for Schedule-I.
3. Turn over details of the product (Brand) offered in Form P-2B for Schedule- I.
4. List of major customers in support of turnover in Form P-3
6. Details of service centers in AP in Form P-4
7. Certificates like ISO, Microsoft etc. in Form P-5 (Bidder's format)
8. Manufacturer's authorization to participate in bidding process apart from such other documents like authorization certificate for dealing in the products for which bid is submitted.(However this will not apply to Manufacturers) in Form P-6 (Bidder's format)

E.3. Technical Bid:

1. Deviation(s) to technical specification, if any in Form T-1
2. Check list in Form T-2
3. Detailed technical documentation, reference to various industry standards to which the products/ services included in vendor's offer conform, and literature concerning the proposed solution in Form T-3 (Bidder's format)
4. Other information, if any required in the bid document in Form T-4 (Bidder's format)
5. AMC% for 4th year and 5th year to be quoted

E.4. Financial bid:

The financial bid should provide cost calculations corresponding to unit price of each item of the schedule in Form F-1.

E.5. Pre-bid Meeting:

All those bidders who had purchased bid document can participate in the meeting to seek clarifications on the bid, if any.

Section F

Bid evaluation procedure:

Bids would be evaluated for each Schedule separately. Bidders should offer prices for all the items of Schedule and for the full quantity of an item of Schedule failing which such bid will not be considered. Technical bid documentation should be in the prescribed format. If a vendor has any comment to offer about the procedural aspects of this tender, it should be intimated to APTS during the pre-bid meeting. In case the schedule or procedure of tender processing is revised, the same shall be communicated through e-procurement website or by e-mail/Fax to all vendors who have paid the tender document fee

F.1. Opening of bids:

Immediately after the closing time, the APTS contact person shall open the Pre-qualification bids' list them for further evaluation. The Technical bids' of only those bidders who qualify in the Pre-qualification bid will be opened and list them for further evaluation. The Financial bids of only those bidders who qualify in the pre-qualification bid and Technical bid will be opened.

F.2. Pre-qualification bid documentation:

The Pre-qualification bid documentation shall be evaluated in two sub-steps. Firstly, the documentation furnished by the vendor shall be examined prima facie to see if the technical skill base and financial capacity and other vendor attributes claimed therein are consistent with the needs of this project. In the second step, APTS may ask vendor(s) for additional information, visit to vendors site and/or arrange discussions with their professional, technical faculties to verify claims made in Pre-qualification bid documentation.

F.3. Technical bid documentation:

Technical bid documentation shall be evaluated in two sub-steps. Firstly, the documentation furnished by the vendor shall be examined prima facie to see if the product /services offered, technical skill base and financial capacity and other vendor attributes claimed therein are consistent with the needs of this project. In the second step, APTS may ask vendor(s) for additional information, visit to vendors site and/or arrange discussions with their professional, technical faculties to verify claims made in technical bid documentation.

F.4. Award Criterion:

Final choice of firm to execute the project shall be made on the basis of conformity to technical specifications, appropriateness of the product offered, capability of bidder to execute and service the project and appropriateness of financial offer from the point of view of cost-effectiveness over the entire maintenance period for the product/services.