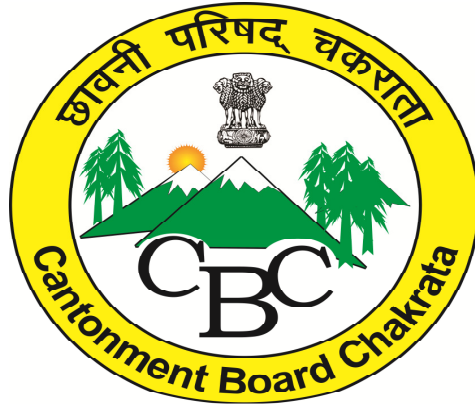


MINISTRY OF DEFENCE

CANTONMENT BOARD CHAKRATA



TENDER FOR SMART CLASSES

TENDER DOCUMENT

*Cantonment Board, Chakrata, Distt- Dehradun,
Uttarakhand-248123*

*Phone No:-01360-272220, Fax: - 01360-272502
E-mail: cbchakrata@yahoo.com*

Price: Rs.1000/-(One Thousand+ Taxes 13.5% Only)

(Note:- Last date of deposit cost of this tender document is 11/11/2013 upto 1700 hours by DD or cash)

CANTONMENT BOARD CHAKRATA

(Terms and conditions)

Invitation of tenders for Setup of 05 Smart Classes Cantt High School Chakrata, Distt-Dehradun, Uttarakhand-248123.

The Smart Classes will be setup should cover the syllabus of Uttarakhand Board of Secondary Education, Ramnagar & the complete content should be in Hindi & should have Hindi – English voice over.

Definitions:

For the purpose of this Contract, unless otherwise specified or repugnant to the subject or context, the terms used shall be deemed to have the following meanings:

1.1 “CBC” shall mean Cantonment Board Chakrata.

1.2 “CEO” shall mean Chief Executive Officer of Cantonment Board Chakrata.

1.3 “Agency/ Firm/Company” shall mean the Agency/ Firm/Company, player in the field of Education providing Smart class solution.

1.4 “Representative” shall mean the representatives of “CBC” and/ or “Agency/ Firm/Company” as the case may be, who are duly empowered and authorized by their respective organizations to act for and on their behalf.

1.5 “Parties” shall mean CBC & Firm, selected through tender process each one individually referred to as Party.

1.6 “Work” shall mean “Setup of Smart Classes” as described in scope of work.

1.7 “Site” shall mean school premises of Cantt High School, Chakrata Cantt.

1.8 “Applicable Law” means the laws and any other instruments having the force of law in India (or in such other country as may be specified MOU) as they may be issued and in force from time to time.

1.9 “Price” means the price to be paid for the performance of the Services, in accordance with clause.

A. Eligibility Criteria :

1. Only the reputed and experienced companies who have adequate and sound

knowledge of setup of Smart Classes & have installed their products in Govt. & Govt. Aided schools & private institutes. A self-certificate to this effect need to be submitted along with the tender.

2. All bidding companies must provide a detailed profile of their firm. The profile will also indicate the experience and list of schools/ institutions in which their product is installed. The companies should be registered in India and the registration number of the companies along with the VAT/TIN/CST/LST No. allotted by the concerned Authorities should invariably be indicated in the tenders(s).
3. A list of the clients/organization(s) where similar nature of work has been conducted should be furnished indicating the name, address of the organization and the name of the contact person. The number of years of relation with the client(s)/organization(s) may also be attached. The technical committee/ representatives will be free to visit any of the mentioned schools mentioned in work order to physically verify the claims of the bidding company(s).

B (I): Technical Requirements (Multimedia Based Educational Content):

The bidder shall develop the multimedia educational content having following features. The related activities include:-

- Understanding the requirement for developing and installation of customized Computer aided teaching and Computer Aided Learning product.
- Conceptualizing the multimedia content based on story lines, minimum 2D animation, interactive games, live coverage, real life examples, music and riddles having good voice over etc.
- The multimedia educational content should be categorized classwise and subjectwise folders on the CDs/DVDs/Hard Disk/Pen Drive.
- The bidder will also provide multimedia educational content usage utility software in order to access the exact usage of content in each smart class room.
The utility should generate subjectwise, classwise and teacherwise usage report of each topic taught in the smart class room.
- Support Manual (to include Installation academic content, Administration Manual and operational, instructional User Reference etc) in English/Hindi.

B (II): Technical Requirements (IT Infrastructure Requirements):

The bidder shall provide IT infrastructure (Client-Server model) having following accessories:-

I. Computers:

- The Bidder is required to provide desktop computers for teacher's training & lecture preparation purpose as well as in the each Smart Classroom. Bidder may note that the scope of work includes all services (AMC /insurance /repair /maintenance /spares /instant replacement in case of break down/ failure etc.).
- In case of 5 Smart classes, the bidder will have to provide 10 desktop computers & shared computing solution to connect with resource centre (server).
- See table-'A' for specification.

II. Interactive white board:

- The bidder has to provide an Interactive White Board in each of the Smart Class room.
- See table-'A' for specification.

III. Projector:

- The Bidder has to provide a DLP/Promethean, wall mounted Projector in each of the smart class rooms in all the Smart Class rooms.
- See table-'A' for specification.

VI. Sound System:

- The Bidder has to provide Sound System/ sound box in each of the smart class rooms as well as with all computers provided for teacher's training purpose.
- See table-'A' for specification.

V. Server/ Resource Centre & its networking to the classrooms:

- The company should set up a server/ resource centre, in which all the content will be downloaded by the company to be later used for teaching & reference purpose by teacher.
- The provision of network would be for the following purpose:
 - a) To connect smart classes to the server.
 - b) To connect computers to server, to be used by teachers for lecture preparation.
 - c) The cost of all the necessary hardware for networking i.e. CAT5/6 cables, switches/ hubs etc. would be borne by the bidder.
 - d) No assistance would be provided by the Cantonment Board, Chakrata, in case of any technical difficulty arises in the installation & operation of network.
- See table-'A' for specification.

C. Training of Teachers and other Staff

The bidder will train teachers on usage and integration of multimedia educational content in the lesson plans. Due attention should be given to the following aspects:-

- Proper proposal including curriculum for the training will be designed and submitted by the company at the time of signing of agreement and duly approved by the CEO, Cantonment Board, Chakrata.
- There should be special emphasis on practical training (operating computers for the use of multimedia educational content).
- The cost of training & all expenses of training will be incurred by the company, Cantonment Board, Chakrata will not bear the training cost.

D. General conditions of the contract:

1. The site will be Cantt High School Chakrata, Distt- Dehradun(UK)-248123.
2. The companies should start the job of preparation of classrooms, setting up of Smart Board, projector, sound system, resource centre within 30 days from the date of signing of the Agreement.
3. The rate quoted will have the validity of **60** months from the date of signing of the contract and no escalation to the rates quoted shall be permitted.
4. The company should deploy one full time / shift coordinator at school, who will provide technical assistance to operate the Smart classes to the teachers & for attending hardware requirements. No emoluments will be given to the coordinator(s) by the Cantonment Board, Chakrata.

E. CPG & Placement of Companies Work Order:

The successful Bidder shall be required to furnish the Contract Performance Guarantee (CPG) for an amount equal to 5% of its approved Price bid, within 7 days from the date of issue of the Companies Work Order.

1. The Earnest Money deposited at the time of tender will be adjusted towards Contract Performance Guarantee.
2. CPG should be initially valid for a period of 60 months and will not carry any interest.
3. CPG may be submitted either in form of a crossed Bank Draft / Pay Order in favour of *CEO, Cantonment Board, Chakrata* payable at Chakrata or an irrevocable Bank Guarantee issued by any Nationalized bank / Scheduled bank.
4. The CPG will be released to the companies upon issue of Certificate of Acceptance by the *CEO, Cantonment Board, Chakrata*.
5. The CPG shall be invoked by *CEO, Cantonment Board, Chakrata* in case of deficiency in services provided by the companies.

F. Work Completion and Liquidated Damages:

If any part of the service in respect of the work assigned and undertaken by the

Successful companies for which this contract is being entered into is not rendered or delivered in time, *Cantonment Board, Chakrata* shall be entitled to levy and recover Liquidated damages / penalty at 1% per week or part thereof of the delay subject to 5% maximum, on the payment due to the companies for the particular stage. Any delay beyond five weeks will attract higher penalty to be decided by the *CEO, Cantonment Board, Chakrata*.

Liquidated damages will be recovered from the CPG or from any sum that may become due to the companies out of this contract or any other contract with *CEO, Cantonment Board, Chakrata*.

G. Force Majeure:

1. If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract be prevented or delayed by reason of:
 - any war or hostility
 - Acts of public enemy, civil commotion, sabotage, explosions
 - effects of flood, epidemics, quarantine restrictions, freight embargoes general strikes, bandhs
 - acts of God

hereinafter referred to as EVENT, neither party shall, by reason of such EVENT, be entitled to terminate this contract, nor shall any party have any claim to the damages against the other in respect of such nonperformance or delay in performance, provided that notice of happening, of any such EVENT is given by either party to the other within 7(Seven) days from the date of occurrence of the EVENT.

2. Unless otherwise directed by the *CEO, Cantonment Board, Chakrata* in writing, the companies shall continue to perform its obligations under the contract as far as reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force majeure EVENT.
3. Expected work and deliveries under this contract shall resume as soon as practicable after such EVENT comes to an end or ceases to exist.
4. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such EVENT for a period exceeding 90 (ninety) days, the *CEO, Cantonment Board, Chakrata* may at its option, terminate this contract.
5. In Case of termination of contract due to force majeure event, *Cantonment Board, Chakrata* would pay the reasonable amount to the companies for the portion of

work already completed till date.

H. Disputes and Arbitration

In case of any dispute or differences, breach and violation relating to the terms of this agreement, the said dispute or difference shall be referred to the sole arbitration of the President, CBC under whose jurisdiction the CBC falls. The award of the arbitrator shall be final and binding on both the parties.

I. Liability

In case of a default on contractor's part or other liability, *Cantonment Board, Chakrata* shall be entitled to recover damages from contractor. In each such instance, regardless of the basis on which *Cantonment Board, Chakrata* is entitled to claim damages from contractor (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), the companies shall be liable for no more than:

Payments referred to in the Patents and Copyrights section below:

- i) Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that caused by contractor's negligence; and
- ii) As to any other actual damage arising in any situation involving non performance by contractor pursuant to or in any way related to the subject of this Agreement, the charge paid by *Cantonment Board, Chakrata* for the individual product or service that is the subject of the claim.

It is the maximum for which Agencies collectively responsible.

J. Penalty and Termination due to Non-Fulfillment of Contract

1. In the event of the companies not starting the job of preparing the rooms & installing the Hardware of Smart classes within 30 days of signing the agreement, the EMI deposited by the companies shall be forfeited and work shall be got executed from other companies at the risk and cost of *Cantonment Board, Chakrata*.
2. Penalty for delay in execution of scheme: If the installation and commissioning of the system is not completed in full within the stipulated period as prescribed in the implementation schedule, a penalty at the rate of 2% per week of the total value for the amount of contract will be levied for a maximum period of 8 weeks. If the installation and commissioning is not completed even within this 8 weeks period, the Contract may be terminated in part or whole at the discretion of implementation *and* at the risk and cost of the companies.
3. In case of loss or damage to the products & non-replacement of the same the security money deposited by the companies will be forfeited by *CEO, Cantonment Board, Chakrata*.

K. Termination of contract for default

The *Cantonment Board, Chakrata* without prejudice to any other remedy available for breach of contract, may terminate the contract in whole by a 30 (thirty) days notice in writing to the companies in the event of any one or all of the following:

1. If the company fails to implement the scheme within the time period stipulated in the bid and within time period extended with or without liquidated damages.
2. If the firm fails to provide any one or all services as per this Contract, and fails to set right the disruption in service within the 30(thirty) days notice period or show a valid reason to the *Cantonment Board, Chakrata* for the lapse.
3. If the firm has engaged in corrupt or fraudulent practices in executing the Contract.
4. In the event of termination of the contract in part or in whole for default of the firm, *Cantonment Board, Chakrata* is entitled to forfeit the proportionate amount from the amounts of the firm which are in the hands of *Cantonment Board, Chakrata*.

L. Provisions for Unsatisfactory Services

If services of bidder are not found satisfactory, at any stage during the period of contract, in such situations the firm shall be bound to remove the deficiencies at its own cost within the time period fixed by the *Cantonment Board, Chakrata*. In case the firm is not able to remove and rectify the deficiencies within the given time period, the *Cantonment Board, Chakrata* will be competent to make alternative arrangements of the services at the risk and cost of the firm and the costs so incurred shall be deducted from the due amount payable to the firm.

M. Clarification to the Tender Document

1. All Bidders are requested to carefully go through the provisions laid down in this tender and seek all clarifications in writing to following address.

Cantonment Board, Chakrata
Distt- Dehradun, Uttarakhand-248123

Or by email : cbchakrata@yahoo.com

The cutoff date for receipt of queries would be 11-11-2012 till 17: 00 hrs.

- 2 . Cantonment Board, Chakrata shall consolidate all clarification sought for by various Bidders and clarify the same within 2 days prior to the Submission of

Bids. No clarifications shall be entertained thereafter.

3. At any time before the scheduled submission of bid, the Cantonment Board, Chakrata may, for any reasons, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document, by amendment. The amendment / response to clarification(s) if any will be sent in writing to all prospective Bidders or publish in a website and will be binding on them. Cantonment Board, Chakrata may, at its discretion, extend the date for submission and/or opening of the bid.

N. Bid Requirements

1. The Service bureau/companies will be required to submit the tenders in two parts viz. 'Technical bid' and 'Financial Bid' separately in two separate sealed envelopes and should be superscribed accordingly. Both the envelopes should, then, be kept in another sealed cover and superscribed as **'TENDER FOR SMART CLASSES'**.
2. The 'Technical Bid' should contain all the supporting documents specified in the ANNEXURE- 'A'.
3. Earnest Money Deposit/Security Deposit.

All tenders should be accompanied with an earnest money of Rs. 32,000/-in the form of Bank Draft of a scheduled bank guaranteed by Reserve Bank of India in favor of the *CEO, Cantonment Board, Chakrata*.

Preparation and opening of Tender Document

a) First Cover

(Documents to be attached)

1. Technical Bid along with documentary proof as mentioned in Annexure- 'A'.
2. Earnest Money Deposit
3. Experience and self-certificates of the service bureau/agencies
4. Detailed firm profile along with registration number of the firm with VAT/CST/TIN/LST no.
5. A list of the client(s) organization(s), where similar nature of work has been conducted, may be furnished indicating the name, address of the organization and the name of the contact person. The number of years of relation with the client(s)/organization(s) should also be mentioned.
6. Acceptance certificate on printed letter head to the effect that the service bureau/agencies agree to abide by the conditions of the tender document.

b) Second Cover

(Documents to be attached)

1. Financial Bid

c) Last date of submission of Tender

1. The tenders should be sent to the office of Cantonment Board, Chakrata latest by 13-11-2013 before 16:00 hrs. No tenders will be accepted after the stipulated date and time.

d) Opening of Tenders

1. The tenders will be opened in the Cantonment Board office at 16:30 hrs. on 13-11-2013 in presence of all representatives of the firm/ companies, who are desirous to be present at the time of opening the sealed tenders.
2. The 'Financial bid' will be opened only after the scrutiny of the 'Technical Bid' has been done and short listed, by the competent Authority.

O. Payment Terms

1. To be paid quarterly basis, from the date of successful installation.
2. One installment on one month of date of successful installation.

Table A- SPECIFICATIONS

1.	Multimedia Education Content
Description	<ul style="list-style-type: none"> As provided under technical requirement B(I)
Qualifying Criteria	<ul style="list-style-type: none"> The content developer/ company should have annual turnover of more than Rs, 1 Crores for multimedia educational content development in last 3 financial years
2.	Desktop Computers for Resource Centre
	<p>The System with</p> <ul style="list-style-type: none"> Motherboard branded for OEM or the Computer Manufacturer 4 PCI Slots (including minimum 1*PCIx16 slot) Intel Core i5-2400 g3.1 Gliz or higher Processor/ AMD Quad Core Phenom-II X4-965 (3.4 Ghz) or higher Processor 6 MB L3 cache 4 GT/s System Bus Intel H6x Series Express Chipset or better/ AMD 7850/ NVIDIA or higher 4 GB DDR3 RAM *1333 MHz Non ECC (Expandable up to 8 GB) 500 GB SATA Hard Disk Drive (7200 rpm) SMART 16X or higher(SATA based) DVD-RW Integrated on M/B High Definition Sound AC97/ 20-bit audio (or equivalent) Integrated Intel extreme graphics on M/B/ Integrated onboard graphics Integrated Serial ATA (3 Gbps) controller with 4 ports Integrated on M/B 10/100/1000 Mbps Ethernet controller with full duplex & WOL support Ports - 1xSerial, Rear: 6xUSB, Front: 2xUSB, 1xVGA 1xRJ45,2xPS/ 2 18.5' LED backlit display colour monitor with maximum 0.3 mm dot pitch, TC0-05,1366x768, 1000:1 contrast ratio, 250 cd/m2, 5ms response time,160/160 degree view angle, VGA connectivity, EMI/FCC (or ETDC Report for meeting FCC norms)compliance, Energy star compliance same brand as that of PC. 104 Keys OEM English Keyboard (it must have soft keys), same brand as that of PC Optical Mouse of same brand as that of PC. Antivirus Software in media to take care of all and latest viruses ATX/BTX/Micro ATX/SFF Chassis with 1 x 3.5" 86 2 x 5.25" front accessible bays , 2 x3.5" internal drive bays and adequate power supply
	Manageability Features:
	<ul style="list-style-type: none"> Asset Management: Gives summary of computer: BIOS, Disk Drives, Installed Applications, Memory, Motherboard, Slots, Multimedia, OS Information, USB Ports, Processor, System Resources, asset tag. Health Monitoring: Log entry for critical changes in Drive (Space), CPU Fan (Speed), CPU voltage, CPU Temperature. Automatic shutdown can be set when CPU temperature exceeds threshold limit. Security: Removable media boot control, serial, parallel and USB interface control, power on and setup

	<p>password. Provision for external lock and Kensington slot (Desirable)</p> <ul style="list-style-type: none"> • Remote Management: Remote shutdown, Reboot <p>Certifications:</p> <ul style="list-style-type: none"> • Designed for Windows 7. Linux Ready Energy Star 5.0/BEE Star for the quoted model UL, FCC (EMI EMC) certified PCI 2.3 compliant ACPI 1.0 compliant IPV6 compatible
Warranty	<ul style="list-style-type: none"> • 5 years comprehensive onsite warranty
Quantity	<ul style="list-style-type: none"> • 5 (Five)
Qualifying Brands	<ul style="list-style-type: none"> • Reputed OEM having annual turnover more than 1000 Crores in India in last financial year. • ISO 9001: 2000 certification for design, manufacturing and services. • ISO 14001: 1996 certification for environmental standard • The OEM should rank in top 5 brands by IDC in India
3.	Desktop Computers (Without TFT/Monitor) for Smart Classrooms
	<p>The System with</p> <ul style="list-style-type: none"> • Motherboard branded for OEM or the Computer Manufacturer • 3 PCI Slots (Including minimum 1*PCIx16 slot) • The desktop should have processor SPEC CPU2006 benchmarked with SPEC Rating in the range of at least 75 with 8GB (60% of SPECint_rate_base2006 plus 40% of SPECfp_rate base2006 score) • 3 MB Intel Smart L3 Cache • 4 GT/s System Bus • Intel H6X Series Express Chipset or better/ AMD 785G or NVIDIA or better • Total Memory should be DDR3 1333 MHz 4GB Expandable upto 8GB • 500 GB SATA HDD (7200 rpm with SMART). • 12X or higher (SATA based) DVD+/-RW • Integrated on M/B High Definition audio • Intel extreme graphics on mother board • Integrated Serial ATA (3 Gbps) controller with 4 ports • Integrated on M/B 10/100/1000Mbps Ethernet controller with full duplex &, WOL support • Ports -1xSerial, Rear: 6xUSB, Front:2 USB, 1xVGA 86 1xRJ45, 2xPS/2 • 104 Keys OEM English Keyboard (it must have soft keys) , same brand as that of PC • Optical Mouse of same brand as that of PC. • Antivirus Software pre-loaded to take care of all and latest viruses • MicroATX/SFF Chassis with 1 x 3.5" 86 2 x 5.25" accessible bays

	<p>Manageability Features:</p> <ul style="list-style-type: none"> • Asset Management: Gives summary of computer: BIOS, Disk Drives, Installed Applications, Memory, Motherboard, Slots, Multimedia, OS Information, USBPorts, Processor, System Resources, asset tag. • Health Monitoring: Log entry for critical changes in Drive (Space), CPU Fan (Speed), CPU voltage, CPU Temperature. Automatic shutdown can be set when CPU temperature exceeds threshold limit. • Security: Removable media boot control, serial, parallel and USB interface control, power on and setup password. Provision for external lock and Kensington slot (Desirable). • Remote Management: Remote shutdown, Reboot <p>Certifications</p> <ul style="list-style-type: none"> • Designed for Windows 7 Professional or latest. • Linux Ready • Energy Star 5.0/BEE Star for the quoted model • UL, FCC (EMI EMC) certified • ACPI 1.0 compliant • IPV6 compatible
Warranty	<ul style="list-style-type: none"> • 5 years comprehensive onsite warranty
Quantity	5 (Five)
5	Networking Specification
LAN Equipment	8 Port Switch, 24 x 1 CAT6 Patch Panel, Necessary cables to connect access device/terminal to desktop computer.
Qualifying Brands	D-Link/DAX/Cisco/HP/HCL
6	Sound System
Description	Digital Surround Sound System (wall mounted)
Qualifying Brands	Intex/ i-ball etc.
Quantity	05 (Five) for each smart class room+ 05(Five) for each desktop computer for resource centre

7	PROJECTOR SYSTEM	
Projection System	DLP	
Native Resolution	XGA(1024 x 768)	
Brightness	2700 ANSI lumens	
Contrast Ratio	13000 : 1	
Display Color	1.07 Billion Colors	
Lens	F=2.6, f=6.9mm	
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)	
Throw Ratio	0.61 (78" @0.96m)	
Image Size (Diagonal)	40~300"	
Zoom Ratio	Fixed	
Lamp Type	210W	
Lamp (Normal/Eco/SmartEco)*	4000/5000/6500 hours	
Keystone Adjustment	1D, Vertical ± 40 degrees	
Projection Offset	130% $\pm 5\%$	
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)	
Horizontal Frequency	31K~102KHz	
Vertical Scan Rate	23~120Hz	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility	PC: 120Hz Frame Sequential 3D for resolutions up to WXGA, PC: 60Hz Top-bottom 3D for resolutions up to SXGA+ Video: 60Hz Frame Sequential 3D for resolutions up to 480i
Interface	Computer in (D-sub 15pin)	x 2 (Share with component video)
	Monitor out (D-sub 15pin)	x 1
	Audio in (Mini Jack)	x 2

	Audio out (Mini Jack)	x 1
	Speaker	10W x 1
	LAN (RJ45)	x 1
	USB (Mini B)	x1 (Download & page up/down)
	RS232 (DB-9pin)	x 1
	IR Receiver	x2
Dimensions	Dimensions(W x H x D)	287.3x114.4x232.6mm
	Weight	2.8kg (6.2lbs)
Power	Power Supply	AC 100 to 240 V, 50/60 Hz
	Power Consumption	270W, Standby<1W
Audible Noise	34/27 dBA (Normal/Economic mode)	
Picture Modes	Dynamic/Presentation/sRGB/Cinema/User 1/User 2	
Accessories	Standard	Optional
	Remote Control w/ Battery	Carry Bag
	Power Cord (by region)	Spare Lamp Kit
	User Manual CD/Quick Start Guide	3D Glasses
	Warranty Card (by region)	Ceiling Mount
	VGA(D-sub 15pin) Cable	Wall Mount 0.6 T/R
Qualifying Brands	BENQ/ ACER/ In-Focus/ SONY/ EPSON	
Quantity	05 (one each Smart Class room) with 5 years warranty	

8	INTERACTIVE WHITE BOARD
Active Size	Minimum 77/78" diagonal
Board surface	Scratch resistant surface; maintenance free
Aspect Ratio	16:9
Writing Tools	Pen/ stylus/ finger
Active Area	Minimum active diagonal length of 2000 mm
Resolution	4096*4096
Power Options	≤100mA
Quantity	05 (one each Smart Class room) with 5 years warranty
Qualifying brands	Promethean / SMART Technologies/ Polyvision
9	SERVER
Description/ Specification	Intel 3420 Chipset , Intel Xeon X3450 [Quad Core, 2.66 GHz, 8MB, LGA1156] 2 GB x 1 DDR 3 1333 MHz with ECC expandable to 16 GB, 2 x 1 TB Non Hot Swap SATA 7200 RPM HDDs Server Class Three PCI Express and PCI expansion slots Two PS/2 ports Two Gigabit Ethernet (RJ-45) ports Serial port Fast Ethernet (RJ-45) port dedicated for BMC management Six USB 2.0 ports (two front-accessible) VGA port DVD+CDRW Combo Drive Multimedia PS/2 Keyboard USB Optical Scroll Mouse with Pad 15" Wide TFT Monitor
Quantity	One with 5 years warranty.
Qualifying brands	HP/HCL/Acer/ Wipro/

Technical Bid

Firm /Agency/ Company to have the following technical Qualification:

S.No.	Technical Qualification
1.	Multimedia content mapped as per UTTARAKHAND BOARD syllabus in Hindi, voice over: Hindi-English
2.	Server (Specifications as per Table- 'A')
3.	Interactive white Board (Specifications as per Table- 'A')
4.	Projector (Specifications as per Table- 'A')
5.	Desktop Computers for Resource Centre (Specifications as per Table- 'A')
6.	Desktop Computers (Without TFT/Monitor) for Smart Classrooms (Specifications as per Table- 'A')
7.	Sound System (Specifications as per Table- 'A')
8.	Teacher's training
9.	Deployment of Resource Coordinator.
10.	Availability of local service centre.
11.	Experience in the field of Smart Classes
12.	Any Complementary (Free of cost) package/ Service

Note:

1. All qualifications must be provided with documentary proofs.
2. The decision of Committee for the same shall be final & binding.
3. No escalation shall be given to the bidder for any type of delay in execution of the work & during the given time frame.
4. Earnest Money Details:-
5. Details of the Firm/Company:-
 - a) Name:
 - b) Regd. Address:
 - c) Copies of returned(IT)
Of last 3 years wef 1/4/2011:

DATE :

NAME, DESIGNATION &
SIGNATURE OF THE AUTHORISED
REPRESENTATIVE OF THE BIDDER

CANTONMENT BOARD, CHAKRATA

FINANCIAL BID

Name of the work: Setup of Smart Classrooms in Cantt High School Chakrata.

S.No.	Description	Rate	Total Amount for 5 years	Remarks
1.	Cost of 05 class room (inclusive of all accessories)			
2.	Cost of each additional classroom			

Details of the Firm/ Agency/ Company:

Name:

Address:

Annual Return of last three financial years:

Earnest money details

IMPORTANT INFORMATION FOR SMART CLASS TENDER

All Firm/Agency informed that the last date of deposit cost of Tender document through cash/DD is 11/11/2013 1700 hours. Kind pay attention for various dates published in News Paper and our website. In case tender document cost deposited through Demand draft it should be favour of “Chief Executive Officer ,Cantt Board Chakrata” payable at Chakrata.

Sd-
Chief Executive Officer
Cantonment Board Chakrata