

Corrigendum in RFP NO.:GIL\CoS\Smart Education\2017

1. Please read in ELIGIBILITY AND PRE-QUALIFICATION CRITERIA as follows:

The bidder should have experience of executing at least one single project of 750 smart classrooms / e-learning of minimum value of Rs. 7.5 Crore in any one of the last three years. Please submit the copies of purchase orders / completion certificate / customer references for the same.

Such a bidder should be a System Integrator who has the experience of supply, install and maintain various hardware components and E-content required for running a smart classroom project as per the scope of this RFP. Smart Classrooms are the amalgamation of technology used at teacher’s desk in front of the classroom and e-learning is successful use of ICT and E-Content to enhance the learning process within classroom environment. E-learning is the method of education in a classroom with e-content & necessary hardware.

In place of

The bidder should have experience of executing at least one single project of eLearning / virtual class room of minimum value of 5 Crore in last 3 years.

AND

Should have experience of supply and installation of Laptops / Desktops / Projectors hardware in single project of minimum 10 Crore in last 3 years **OR** System Integration experience of setting up Cloud enabled / Data Center Hosted / eLearning / Tele Medicine / Similar (multi location system integration project) of minimum Rs. 5 Crore in last 3 years. Please submit the copies of purchase orders / completion certificate / customer references for the same.

2. Additional Eligibility Criteria

- a) The Bidder should be a profit making unit in each of the last three financial years. Please submit the supporting documents like Audited and Certified Balance Sheet and Profit/Loss Account of last 3 Financial Years & CA certificate mentioning net profit of the bidder.
- b) The bidder should have a Service Maintenance Team of 66 (i.e. 2 per district) hardware engineers. Kindly provide the undertaking for the same confirming that, if the order placed to bidder, then they will deploy the required manpower for Service Maintenance Team of minimum 66 (i.e. 2 per district) hardware engineers for the contract period.

3. Revised Technical Specifications

➤ **Laptop**

Processor – 7 th generation Intel® Core™ i5 Processor (3M Cache, 2.4 GHz)
Motherboard with Integrated Chipset with Processor or better
4 GB DDR3 SDRAM 1333 MHz / DDR4 @ 1866 MHz (1 slot should be free)
1TB SATA HDD with 5400 RPM or better
Screen: 13.3"/14"/15.6" or higher LED B/L Display with 1366*768 resolution, contrast ratio: 300:1, Brightness 200nits

Graphics with minimum 1 GB memory
Wired Communication: Integrated 10/100/1000 Mbps Gigabit Ethernet.
Wireless Communication: Integrated Wireless LAN 802.11 b/g/n & Blue tooth
Optical Drive: DVD +/- RW (Internal/External)
Inbuilt Web Camera
Mandatory Ports: 3 USB (including 1 USB 3.0 port), 1 Head Phone jack & Micro Phone jack / Headphone & Microphone Combo jack, 1 RJ-45, Card Reader, 1 HDMI port
Optional Ports: 1 PC card slot- PCI Express, 1 S-video, 1 RJ-11
Pre-loaded licensed Microsoft Windows 10 Pro. National Academic edition (under shape the future program) Operating System with Latest service pack.
Certifications: RoHS, Latest Energy Star Compliant
3 or more Cell Lithium-Ion / Lithium-Ion Polymer battery with minimum 4 Hours of battery back-up time
OEM carry case
Weight of the laptop : less than 2.5 kg

Bidder will have to supply Pre-loaded licensed Microsoft Windows 10 Pro. National Academic Edition (under shape the future program) Operating System with Latest service pack. Please see the uploaded Microsoft STF approval letter for this project.

Licensed Antivirus will be given to the successful bidder which should be pre-installed from factory site.

➤ **Projector**

Features	Specifications
Resolution	WXGA (1280 x 800) or better
Brightness	3500 lumens at ANSI level or higher
Contrast Ratio	2000:1 or above
Technology	LCD / DLP
Lamp life hours in Standard mode	Minimum 4000 hours or better
Zoom Facility/Focus	Required
Key stone	One way must
Video Compatibility	Required
Mounting	Front, Rear, Ceiling, Desktop/Laptop
Remote	Full function remote with battery
Power supply	240V AC, 50 Hz
Input	Computer, Video (Optional), HDMI, Audio In, USB (preferred)

Accessories	<ul style="list-style-type: none"> • Ceiling Mount Kit - Ceiling mount kit for Projector • Power cable, VGA Cable, HDMI Cable, Audio Cable & Video Cable with required length • Manual & CD, Professional Laser Pointer, Guide, Lamp kit
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Note:

1. **Bidder will have to install the projector on ceiling and provide necessary cables & other accessories for mounting the projector on ceiling.**
2. **Projector should be fit at a distance where projection screen should cover the white board.**

➤ **IR Camera**

Particulars	Specifications
Simultaneous Touch points	4 or higher
Connectivity Interface	USB / HDMI
Calibration	Automatic as well as Manual
Interactive response	Real time interaction and writing speed with response time less than 50 ms
Features	
Interactive Area	Tracking Active Area/active screen area must be Minimum 80 inches diagonal or higher with Interactive size of minimum 80 inches or more.
Calibration	Should be enabled with auto-calibration as well as manual calibration features.
External light source disturbance	Should be able to cut-off any stray light disturbance on the interactivity
Aspect-Ratio Independent	can use a 4:3, 16:9, or any other aspect ratio as required
Pen/Stylus	Minimum 3 hrs continuously work after full charging (Pen/Stylus should be having non-removable battery & have capacitor based charging and can be charged in minimum time during school timing.)
Writing Performance	Smooth and rounded writing experience
IR Camera Stand	Metal Body

Note:

Successful bidder will have to replace the equipments free of cost against the stolen equipments without waiting for NTR. Respective School will file the FIR and NTR will be given to successful bidder once get from Police. In this case, the replaced material will be the property of Cos / Respective school and the recovered theft material will be the property of successful bidder.

The bidder will have to replace the stolen material within 7 school working days from the date of incident reporting by respective school / CoS, failing to which the penalty clause D.1 as per Penalty Schedule may apply.

Purchasing department reserves the rights to divide the work order and may split the order among L1 & L2 subject to L2 matching with the L1 price.

All other RFP terms & conditions and technical specifications remain unchanged.