

Project

Dt. 06.08.18

**SMART CLASSROOMS (AP 25.1)**

**CLARIFICATIONS**

To

**PRE-BID QUERIES**

SI	QUERY	REPLIES
1.	The First Point In Clause 1.4.5 for Pre-Qualification Criteria which says "The Sole Bidder or the <u>members</u> of the consortium should be.... .. on date of submission of the bid."	It shall be read as " The sole bidder or lead bidder member of the consortium should be registered in India"
2.	More Detailed Specifications for DLP Projector: Specifications (In addition to the current Specifications mentioned in the RFP, please find below a more detailed specification sheet)	Please find below more detailed specifications of the Projector to further elaborate on the specifications given in the RFP: <b>Brightness:</b> 3300 ANSI Lumens or better <b>Contrast Ratio:</b> 20000:1 or better <b>Native Resolution:</b> WXGA (1280 x 800) or higher <b>Throw:</b> Short Throw <b>Keystone:</b> Projector should have both vertical and horizontal keystone correction of minimum $\pm 30$ degrees each and provision for corner correction <b>Minimum Lamp Life:</b> 10000 Hrs in Normal Mode <b>Input Ports:</b> HDMI -1 ,VGA - 2, Audio IN, RCA x 1, S-Video x 1 <b>Other Ports:</b> USB, RS 232, LAN(RJ 45) <b>Output:</b> VGA, Audio Out <b>Throw Ratio:</b> 0.50 or better <b>Digital Zoom:</b> 0.8X-2.0X <b>Aspect Ratio:</b> 16:10 <b>In-Built Speaker:</b> Minimum 20 Watts rms to deliver full range sound 20Hz-20KHz <b>Input Power Supply:</b> As per Indian standard with compatible power cable & connector <b>Accessories:</b> All device driver and cables for connecting with computer <b>Remote:</b> Projector should be supplied with full function remote control having a laser pointer inbuilt in the remote control <b>Cable Management:</b> Projector should come with Cable Management Hood on the back of the projector to eliminate Cables clutter

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		<b>Other Accessories:</b> Wall mount kit and Cables (of 5 meter length HDMI, Power) should be supplied along with projector
3.	<b>More Detailed Specifications for UPS: Specifications (In addition to the current Specifications mentioned in the RFP, please find below a more detailed specification sheet)</b>	Please find below more detailed specifications of the UPS to further elaborate on the specifications given in the RFP: 2 KVA Line Interactive Dual Battery Power Back Up: 1 Hr minimum
4.	<b>More Detailed Specifications for IP CAMERA and its ACCESSORIES: Specifications (In addition to the current Specifications mentioned in the RFP, please find below a more detailed specification sheet)</b>	<b>Please find below more detailed specifications of the IP CAMERA and its ACCESSORIES to further elaborate on the specifications given in the RFP:</b> IR Night Vision Dome CCTV Cameras 16 Channel (6) HD NVR Kit 2MP (Megapixels)/4TB HDD or more 1920X1080/25FPS Recording System Required Connectors POE switch Networking + Wiring Provision to Store Recordings  Camera should be of a reputed brand like CP Plus, HIKVISION, PRO ELITE, or any other reputed brand with similar or better specifications. <b>The camera being proposed should have globally accepted certificate. (Eg. UL, FC, CE, etc)</b>
5.	<b>UHF/ RFID TAGS for Students: Please provide clarity on the technology that needs to be used as UHF and RFID are both different technologies.</b>	RFID or any higher Technology is Acceptable.
6.	<b>Kindly clarify the term "Operation and Maintenance" for 3 years in context of the project</b>	The Term "Operation and Maintenance" for 3 years refers to all the required Repair, Maintenance and Replacement of any part/s during the 3 years after the issuance of the Completion Certificate of the Project to ensure smooth running and functioning of all items mentioned under the scope of work.
7.	<b>Is exemption in EMD and Tender Fee there for MSME/ NSIC firms as per GFR 2017. Can EMD be reduced from 2% to 1%.</b>	Organizations registered under Ministry of MSME NSIC (AS PER GFR 2017) will get exemption in (Earnest Money Deposit) EMD only. There is <b>NO EXEMPTION</b> for the Tender Document Fee.  No, the EMD amount will not be reduced.

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8.	<p>Kindly elaborate more on the requirements of the Green Board and White Screen. Kindly clarify whether a Green and White board are required only in a single frame or both of them separately can be considered and also more detailed specifications of the White Board</p>	<p>For the Green Board and White Board not being provided in a single frame, we would request for a POC demonstration for approval.</p> <p>Please find below more detailed specifications of the GREEN and WHITE BOARD to further elaborate on the specifications given in the RFP:</p> <p><b>Green Board and Interactive Touch Panel White Board:</b> 78" or bigger (diagonal), Matt Interactive Touch Panel White Board with Extended Green Board in a Single Frame.</p> <p><b>Green Board:</b> Green Board 4' x 4' or above Green Board should be steel Ceramic Green Board</p> <p><b>Interactive White Board:</b> White Board: 6' x 4' or above with IR (Infrared) Multi Touch Technology USB Ports either on the side or on the front. Remote Control Operated Board should be Scratch resistant with 100% Erasability Should support use of hotkeys Should be Marker Pen Enabled (Input Finger, Stylus and Pen)</p> <p><b>Minimum</b> Calibration 8 points; Curser Speed 12 m/s; Transmission Speed 180 dot/s; Multitouch 10 points</p> <p>The Boards need to be of a reputed brand like, BRIO, EAPL or VAMAA or any other reputed brand with similar or better specifications.</p>
9.	<p>In Clause 2.3.2.2 for the requirement of Other Available Resources, please elaborate more on the requirement.</p>	<p>This has been kept open for the bidder to come up with suggestions on any online resources or any other kind of resource available in the market in addition to the Digital Content for Class I-XII.</p> <p>We have given an example of 'Bharat Ek Khoj', which is a useful resource for students of History and is an interesting series for students to understand certain aspects of History covered in their curriculum. There may be many other such or different resources useful for the students. Some other examples may be content on Skill Development, Moral Values, Robotics, Encyclopedias, Documentaries, etc.</p> <p>The bidder is bound to provide whatever presented during the presentation during the technical presentation and is deemed to be included in BoQ.</p>
10.	<p>Will an ADVANCE of 10% be provided against PBG. If Not, then will there be a provision for an advance as the hardware is being procured upfront.</p>	<p>No there will not be any advance against PBG.</p> <p>A Provision of 10 % advance payment shall be made within 15 days of signing the contract against an additional bank guarantee equal to the amount of advance. The advance amount shall be recovered at 20% of the certified amount of subsequent monthly invoices. The advance guarantee will be returned on full recovery of the advance amount.</p>
11.	<p>For Electrical Works in 2.3.7.5, kindly elaborate more on the specifications</p>	<p>Please find below more detailed specifications of the ELECTRICAL WORKS to further elaborate on the specifications given in the RFP:</p> <p>Electrical power supply from specified DB existing network 3 points each of 15 Amp &amp; 6 Amp Switch Socket in each classroom</p>

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		<p>4 tube lights for each classroom  Necessary Electrical Wiring &amp; switchgears  Operation and Maintenance for 3 years.  DB Ways (12)  MCB (65)  Wiring of 1.5mm (Minimum 400 m)  Wiring of 4mm (Minimum 300 m)  Provision for Earthing</p>
12.	In Section 2.3.7.1 for Classroom Furniture, please elaborate more on the requirement. Also please specify the significance of hook arrangement.	SAMPLE to be APPROVED by the authority
13.	In Section 2.3.7.2 for Vitrified Tiled Flooring, please specify the Brand, Quality and Type of Tiles.	SAMPLE to be APPROVED by the authority
14.	In Section 2.3.1.2 for the Smart Podium, please elaborate more on the requirement as Podiums are of various types in the market.	<p>We need the ALL in ONE CONSOLE (Customized Wall Mountable Lockable Metal Enclosure) with SAFETY LOCK including:  System: Intel core i7 8<sup>th</sup> Generation Computer System having 16GB RAM and 2TB HDD, Laptop style Key Board and Mouse with pad  Visualizer (Inbuilt): Image resolution of 1600 x 1200 and should capture A4 size page, with USB 2.0 interface, an Optical Zoom of 6X and Digital Zoom of 8X  Should support Microphone with built in Amplifier and Mixer  50 PMPO Dual Speakers</p>
15.	In Section 2.3.7.3 for Painting Classroom, please elaborate more on whether POP is required on the wall and also on the minor repair works.	POP is not required.
16.	As per section 2.3.5 and section 2.3.6, will B Tech Electronics/ Computer Science be considered	Yes the required qualification may be any of the following: BCA/ MCA, BTech/ MTech Electronics/ Computer Science
17.	As per clause 1.3.2 for Bid Submission Instructions, Does the bidder need to submit the Financial Bid Hard copy also, as it is mentioned under Financial Proposal, "Financial Proposal should be submitted through online bid submission process only"	Yes, the Financial Proposal should be submitted through Online Bid Submission Process as well as a printout of the downloaded Copy of financial proposed is required in a sealed envelope.
18.	Kindly include ERP/ LMS/ SMS in the scope of work of the RFP Document	Not Mandatory. However, the bidder is free to provide these items free of cost
19.	Will Lanyards being used with the RFID Tags be Uniform Across all schools or will it be customized for each school	Yes, It will be Uniform Across all school
20.	Will PBG be returned after the issuance of the Completion Certificate of the Project	PBG (10% of contract value) shall be valid upto 90 days beyond the installation and commissioning date which will be returned on replacing it with a PBG for an amount 20 % of the remaining payable amount which will be revised every <u>year</u> .

Raw  
For communication Expert

CO  
GM(PAC)  
DCCL