



Government Women Engineering College, Ajmer, Makhapura, Nasirabad  
Road, Ajmer -305002

## INVITATION LETTER

Package Code: TEQIP-III/2019/RJ/gwec/131

Current Date: 14-Aug-2019

Package Name: GWECA/EEE/Smartclassroom

Method: Shopping Goods

To,

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**Sub: INVITATION LETTER FOR GWECA/EEE/Smartclassroom**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Integrated Smart Podium	4	EE, GWEC Ajmer	Yes
2	Interactive White Board 85"	4	EE, GWEC Ajmer	Yes
3	Short Throw Projector	5	EE, GWEC Ajmer	Yes
4	Digital Visualiser	4	EE, GWEC Ajmer	Yes
5	Computer System	4	EE, GWEC Ajmer	Yes
6	Writing Pad	4	EE, GWEC Ajmer	Yes
7	HD video camera with Virtual Classroom software	1	EE, GWEC Ajmer	Yes
8	Wireless Presenter	4	EE, GWEC Ajmer	Yes

9	UPS System	4	EE, GWEC Ajmer	Yes
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2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Quotation**

3.1 The contract shall be for the full quantity as described above.

3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation and the bidder shall submit the **Technical Bid and Financial Bids in separate sealed covers**, clearly super-scribing “**Technical bid for Smart Classroom**” and “**Financial bid for providing Smart Classroom**”, respectively. ***These two sealed covers shall be put in another cover which should also be sealed, signed and duly super-scribed “Tender for providing Smart Classroom with Package Code”.***

5. Quotation shall remain valid for a period not less than **90**days after the last date of quotation submission.

6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which

6.1 are properly signed; and

6.2 Confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.

8.2 *The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.*

9. Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Acceptance	30	10
Satisfactory Delivery & Installation	30	90

10. Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min %:0.10

Liquidated Damages Max %:10

11. All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is .

12. You are requested to provide your offer latest by **14:00** hours on **28-Aug-2019**.

13. Detailed specifications of the items are at Annexure I.

14. Training Clause (if any) **Yes**

15. Testing/Installation Clause (if any) **Yes**

16. Performance Security shall be applicable: **5%**

17. **Original Information brochures/ Product catalogue**, if any must be accompanied with the quotation clearly indicating the model quoted for.

18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Government Women Engineering College, Ajmer, Makhupura, Nasirabad Road, Ajmer -305002**

19. The bidder must submit the company details viz. **Firm Registration Certificate, GST Registration Certificate** and any other necessary documents duly certified by **Chartered**

**Accountant / Notary Public** (Audited balance sheets including profit and loss accounts for the three financial years viz. 2015-16, 2016-17 & 2017-2018) along with their bid.

20. The quotation would be opened on **28-Aug-2019 at 15:00 hrs** at **TEQIP-III Office, Govt. Women Engineering College Ajmer, Rajasthan – 305002, India** in the presence of bidder representative who choose to attend the opening. The bidder representative who is present shall sign an Attendance Sheet evidencing their attendance.
21. **Only authorized dealer/ agency of Original Equipment Manufacturer (OEM)** or OEM should apply against this invitation for bid. In the case of the bidder, offering to supply goods under the bid, which the bidder does not manufacture or otherwise produce, the bidder has to provide Manufacturer's Authorization Certificate strictly as per format at **Annexure A**. Bids submitted without authorization certificate as per **Annexure A** will be summarily rejected.
22. Notwithstanding the above, the Institute reserves the right to accept or reject any quotation(s) and to cancel the process and reject all quotation(s) at any time.
23. Dispute if any shall be subjected to the jurisdiction of Rajasthan in Ajmer/Jaipur.
24. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

## Annexure I

<b>1. Integrated Smart Podium</b>
<b>a. Podium Body</b>
<ul style="list-style-type: none"><li>• Metallic Podium made of minimum 1.2-1.6 mm thick metal sheets, powder coated with two cooling fans and four caster wheels with brakes for mobility.</li></ul>
<ul style="list-style-type: none"><li>• Audience side height: 44-48 Inches with 4-5 Inches slop towards presenter side</li></ul>
<ul style="list-style-type: none"><li>• Provision for 22" interactive monitor display with adjustability against light source</li></ul>
<ul style="list-style-type: none"><li>• Connectivity Options on top: 2 x USB, 1 x XLR, switching for 4 displays and Connectivity options On Bottom: 2 USB, VGA in/Out, Audio in/Out, Gigabit LAN, HDMI, splitting into 2 devices and Power socket with on/off switch</li></ul>
<ul style="list-style-type: none"><li>• Drawer for document camera minimum size (L X W X H) 22" X 15" X 8"</li></ul>
<ul style="list-style-type: none"><li>• Single metallic top tray for placing document, laptop etc minimum size 24" x 24"</li></ul>
<ul style="list-style-type: none"><li>• Security- All drawers, sliding trays and doors should be lockable</li></ul>
<ul style="list-style-type: none"><li>• Monitor should have min 60 deg adjustable tilt against ambience light</li></ul>
<ul style="list-style-type: none"><li>• Minimum 5 power sockets for devices connectivity with central power control</li></ul>
<ul style="list-style-type: none"><li>• Provision to fix Logo on podium front with flexibility to change</li></ul>
<ul style="list-style-type: none"><li>• Provision of 19" Rack inside podium to fit in international standard equipments</li></ul>
<ul style="list-style-type: none"><li>• Provision to mount speech prompter with adjustable beam splitting mirror</li></ul>
<ul style="list-style-type: none"><li>• Provision to mount Controller in 19" rack &amp; 7" touch panel in a built in top slot</li></ul>
<ul style="list-style-type: none"><li>• Full length access doors for servicing both from and back sides of the podium</li></ul>
<ul style="list-style-type: none"><li>• Wire managers on left, right sides and at bottom for flexibility of managing additional wires/wiring</li></ul>
<ul style="list-style-type: none"><li>• Full HD Multi (Dual) optical touch 22" Monitor with USB, DVI &amp; VGA, brightness minimum 200 cd/m<sup>2</sup>, Static Contrast Ratio 1000:1, Dynamic Contrast Ratio 20,000,000:1, 5ms response time, Panel Surface : 8H Hardness, Inbuilt speakers</li></ul>
<b>b. Integrated Audio System for Seminar Rooms</b>
<ul style="list-style-type: none"><li>• 120 Watts Mixer Amplifier having Power Output: 160W Max., 120W RMS at 10% THD, 105W RMS at 5% THD, 95W RMS at 2% THD, Output Regulation: ≤ 2 dB, no load to full load at 1kHz, Input Channels: 5 × Mic 0.65mV/4.7kΩ, 2 × Aux 100mV/470 kΩ, Frequency Response: 50-15,000Hz ±3dB, Signal to Noise Ratio: 60dB, Tone Controls: Bass: ±8dB at 100Hz, Treble: ±8dB at 10kHz, Output: Preamp 200mV/600Ω, Line 1V/1kΩ, Speaker Outputs: 4Ω, 8Ω, 16Ω, 70V &amp; 100V</li></ul>
<ul style="list-style-type: none"><li>• 4 x 30 Watt speakers having Input Power: 30W RMS, Power Taps: 30w, 30/15/7.5W, Impedance/Voltage: 8Ω, 100V, Frequency Response: 80-20,000Hz, SPL at 1kHz (1W/1m): 86dB, Speakers: Woofer 100mm (4"), Tweeter 25mm (1")</li></ul>
<ul style="list-style-type: none"><li>• Dual Channel Microphone Receiver: Dual Channel Non-Diversity, Frequency response: 50Hz-16KHz, Polar Pattern (Hand mic): Cardioid, Output: Individual Channel: XLR, Mix out: ¼" Jack</li></ul>
<ul style="list-style-type: none"><li>• Microphone Gooseneck having Frequency Response: 50-16,000Hz, Sensitivity: 5.5mV/Pa, Impedance: 200Ω ± 30%, Power Req'd.: 9V-52V Phantom Supply, overall Length: 508mm (20")</li></ul>
<b>2. Interactive White Board 85"</b>

<ul style="list-style-type: none"> <li>• Ceramic Surface</li> </ul>
<ul style="list-style-type: none"> <li>• Infrared Sensor Technology</li> </ul>
<ul style="list-style-type: none"> <li>• 10 point touch with 4 point Calibration</li> </ul>
<ul style="list-style-type: none"> <li>• Board size – 85inch; Active area – 82inch</li> </ul>
<ul style="list-style-type: none"> <li>• Operating System Win XP, 7 &amp; 8</li> </ul>
<ul style="list-style-type: none"> <li>• Support Screen record and playing back</li> </ul>
<ul style="list-style-type: none"> <li>• Accessories - Wall mounting Bracket 2 Pen, 1 Teaching Pointer Software CD/USB Cable</li> </ul>
<b>3. Short Throw Projector</b>
<ul style="list-style-type: none"> <li>• Technology: DLP/3LCD</li> </ul>
<ul style="list-style-type: none"> <li>• Resolution: Full HD (1920 x 1080) or WXGA (1280 x 800) or WUXGA (1920 x 1200),</li> </ul>
<ul style="list-style-type: none"> <li>• Aspect ratio: 4:3/16:9/16:10, compatible</li> </ul>
<ul style="list-style-type: none"> <li>• Brightness: 3500-5000 lumens</li> </ul>
<ul style="list-style-type: none"> <li>• Contrast Ratio: 2000:1 or better</li> </ul>
<ul style="list-style-type: none"> <li>• Projection size: Between 30" to 300"</li> </ul>
<ul style="list-style-type: none"> <li>• Lamp life: 2000 to 10,000 Hrs</li> </ul>
<ul style="list-style-type: none"> <li>• Zoom :- 1.1:1 or higher</li> </ul>
<ul style="list-style-type: none"> <li>• Connections/Terminals: HDMI ports, VGA ports, USB ports, Video Output, Audio In/Out, Monitor and other necessary ports</li> </ul>
<ul style="list-style-type: none"> <li>• Accessories: Power cord, Projector remote control, Wall Mount Kit, Computer Cable and necessary accessories required for proper functioning</li> </ul>
<b>4. Digital Visualiser</b>
<ul style="list-style-type: none"> <li>• Zoom: 2x pixel zoom, Digital zoom: 12x, Mechanical zoom: 9x</li> </ul>
<ul style="list-style-type: none"> <li>• Output Resolution: XGA, SXGA(1280x960), WXGA, 1080p</li> </ul>
<ul style="list-style-type: none"> <li>• High Color Reproduction: <math>\Delta E^*_{ab}</math> 9.05 (mean) 1600x1200; 1024x768</li> </ul>
<ul style="list-style-type: none"> <li>• SNR: 51dB</li> </ul>
<ul style="list-style-type: none"> <li>• Sharpness: MTF 1023 lines</li> </ul>
<ul style="list-style-type: none"> <li>• Frame Rate: 30fps</li> </ul>
<ul style="list-style-type: none"> <li>• Shooting Area Max.: 442 x 331 mm (17.4" x 13") &gt; A3 size</li> </ul>
<ul style="list-style-type: none"> <li>• Close-up: 40 mm (1.6")</li> </ul>
<ul style="list-style-type: none"> <li>• Lamp: LED side lamp supported by gooseneck and Built-in LED on camera head</li> </ul>
<ul style="list-style-type: none"> <li>• USB Image Transmission: USB 2.0 (480 Mbps) high speed transmission</li> </ul>
<ul style="list-style-type: none"> <li>• Video/Audio Recording: One-touch records image and sound synchronously</li> </ul>
<ul style="list-style-type: none"> <li>• Built-in Microphone</li> </ul>
<ul style="list-style-type: none"> <li>• Image Capture: Single or continuous capturing</li> </ul>
<ul style="list-style-type: none"> <li>• Auto Tune: Yes, one button for image optimization</li> </ul>
<ul style="list-style-type: none"> <li>• Image Rotation: 0°, 180°, flip, mirror</li> </ul>

<ul style="list-style-type: none"> <li>• Anti-Theft: Kensington anti-theft lock device</li> </ul>
<ul style="list-style-type: none"> <li>• Free Lumens Software: Support PC Windows 10, 8, 7, XP, Vista, Mac OS X, Chrome OS, iOS and Android App; WIA and TWAIN interface</li> </ul>
<b>5. Computer System</b>
<ul style="list-style-type: none"> <li>• Processor Type:-Intel Core i5 (8<sup>th</sup> Generation)</li> </ul>
<ul style="list-style-type: none"> <li>• RAM:-DDR-4</li> </ul>
<ul style="list-style-type: none"> <li>• Hard Disk Drive:-1 TB</li> </ul>
<ul style="list-style-type: none"> <li>• Operating System:- Win 10 Home</li> </ul>
<ul style="list-style-type: none"> <li>• LAN Connectivity:-100/1000 MBPS</li> </ul>
<ul style="list-style-type: none"> <li>• Ports: USB minimum 6 and VGA (1 port) /HDMI (1 port)</li> </ul>
<b>6. Writing Pad</b>
<ul style="list-style-type: none"> <li>• Active Area: 254 mm (Diagonal)</li> </ul>
<ul style="list-style-type: none"> <li>• Display: Built-in Color LCD to display Battery life, connection status and Pen use</li> </ul>
<ul style="list-style-type: none"> <li>• Resolution: 4000 lines/inch</li> </ul>
<ul style="list-style-type: none"> <li>• Touch Input: Electronic Pen (Battery operated) with two buttons</li> </ul>
<ul style="list-style-type: none"> <li>• Pen Charging: Housed within the Pad's body</li> </ul>
<ul style="list-style-type: none"> <li>• Annotation Features: Available</li> </ul>
<ul style="list-style-type: none"> <li>• Battery: USB rechargeable Lithium-ion Batteries</li> </ul>
<ul style="list-style-type: none"> <li>• Hardware Interface: RF, USB</li> </ul>
<ul style="list-style-type: none"> <li>• Wireless Medium: RF</li> </ul>
<b>7. HD video camera with virtual classroom software</b>
<ul style="list-style-type: none"> <li>• Sensor: 1/2.8" 2MP CMOS</li> </ul>
<ul style="list-style-type: none"> <li>• Video Output: USB:YUV2 and MJPEG format, 1080p 30 / 25 fps, 720p 30 / 25 fps HDMI: 1080p 60 / 50 HZ, 720p 60 / 50 HZ</li> </ul>
<ul style="list-style-type: none"> <li>• Optical Zoom: 12x</li> </ul>
<ul style="list-style-type: none"> <li>• Digital Zoom: 12x (HDMI Out)</li> </ul>
<ul style="list-style-type: none"> <li>• Panning Angle: -100° ~ +100°</li> </ul>
<ul style="list-style-type: none"> <li>• Tilting Angle: -30° ~ +30°</li> </ul>
<ul style="list-style-type: none"> <li>• Preset Positions: 128</li> </ul>
<ul style="list-style-type: none"> <li>• Video Output(HD) Interface: USB 2.0 / 3.0 and HDMI</li> </ul>
<ul style="list-style-type: none"> <li>• Camera Control Interface/Protocol: USB, RS-232 In / Out</li> </ul>
<ul style="list-style-type: none"> <li>• Video S/N Ratio: &gt; 50dB</li> </ul>
<ul style="list-style-type: none"> <li>• Shutter Speed: 1/1 ~ 1/10,000 sec</li> </ul>
<ul style="list-style-type: none"> <li>• Focal Length: f = 3.92 mm ~ 47.32 mm</li> </ul>
<ul style="list-style-type: none"> <li>• Horizontal Viewing Angle: 72°</li> </ul>
<ul style="list-style-type: none"> <li>• Aperture: F1.8 ~ 2.8</li> </ul>
<ul style="list-style-type: none"> <li>• Minimum Illumination: 1.6lux (F1.8, 50IRE, 60fps)</li> </ul>

<ul style="list-style-type: none"> <li>• Minimum Object Distance: 500 mm (Wide) ~ 1200 mm (Tele)</li> </ul>
<ul style="list-style-type: none"> <li>• Gain Control: Auto, Manual</li> </ul>
<ul style="list-style-type: none"> <li>• White Balance: Auto, One-Push, Manual</li> </ul>
<ul style="list-style-type: none"> <li>• Exposure Control: Auto, Manual</li> </ul>
<ul style="list-style-type: none"> <li>• Focus System: Auto, Manual</li> </ul>
<b>Virtual Classroom Software</b>
<ul style="list-style-type: none"> <li>• 100 Participants can join the session with one host</li> </ul>
<ul style="list-style-type: none"> <li>• Unlimited meeting duration for all meeting sizes</li> </ul>
<ul style="list-style-type: none"> <li>• User Management allows account owners and admins to manage their users such as Add, Delete and assign roles and add on features</li> </ul>
<ul style="list-style-type: none"> <li>• Admin must have advanced meeting controls such as enabling and disabling recording, encryptions, chat and notifications</li> </ul>
<ul style="list-style-type: none"> <li>• Run usage reports to learn how many meetings are taking place in your organization, which days, number of participants, number of meeting minutes and more</li> </ul>
<ul style="list-style-type: none"> <li>• Custom Personal Meeting ID</li> </ul>
<ul style="list-style-type: none"> <li>• Allows you to assign someone else to set up your meetings for you</li> </ul>
<ul style="list-style-type: none"> <li>• Record meetings in the Cloud, where the file can then be downloaded and/or streamed from a browser. Available formats include MP4 (video), M4A (audio) and txt (chat).</li> </ul>
<b>8. Wireless Presenter</b>
<ul style="list-style-type: none"> <li>• Interface - USB</li> </ul>
<ul style="list-style-type: none"> <li>• Buttons - 6 Buttons</li> </ul>
<ul style="list-style-type: none"> <li>• Cordless Technology - 2.4GHz Wireless Technology</li> </ul>
<ul style="list-style-type: none"> <li>• Effective Range - Up to 30 meters</li> </ul>
<ul style="list-style-type: none"> <li>• OS Supported - Windows / Mac / Linux / Android compatible</li> </ul>
<ul style="list-style-type: none"> <li>• Switch Life - 1 million life cycle</li> </ul>
<ul style="list-style-type: none"> <li>• Dimensions - 2 (H) x 1.9 (W) x 13.9 (D) cm</li> </ul>
<ul style="list-style-type: none"> <li>• Weight - 20 grams</li> </ul>
<ul style="list-style-type: none"> <li>• Power source - 1 x AAA size Alkaline battery</li> </ul>
<ul style="list-style-type: none"> <li>• Laser Light range - Up to 100 Meter</li> </ul>
<b>9. UPS System 1 KVA (double Battery of 7 mAh)</b>
Installation with complete cabling /fitting/fabricating
Console Cabinet wooden / metallic to keep all equipments
OEM tender specific authorization must be attached for Digital Podium, Interactive Board, Projectors, Visualizer and HD Video Camera to ensure OEM support during warranty and AMC
Please indicate the brand and model number of quoted items otherwise bid will be summarily rejected
Approved makes have been mentioned above against each item. So bidders are requested to bid approved makes only. Unapproved makes will be summarily rejected
The above specifications are the minimum acceptable specifications. Bidder may offer better or latest specifications but not the lower one otherwise bids will be summarily rejected

**MANUFACTURER AUTHORIZATION FORM**

No. \_\_\_\_\_ dated \_\_\_\_\_

To

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir:

Package No. \_\_\_\_\_

We----- (Name of the OEM) who are established and reputed manufacturer of \_\_\_\_\_ (*name and description of goods offered*) having factories at \_\_\_\_\_ (*address of factory*) with factory registration no. ----- do hereby authorize M/s \_\_\_\_\_ (*Name and address of Agent*) to submit a bid, and sign the contract with you for the goods manufactured by us against the above bid.

We hereby extend our full warranty as per your invitation letter, for the goods and services offered for supply by the above firm against this Invitation for Bid.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer or OEM and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

### FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To: \_\_\_\_\_

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No. \_\_\_\_\_