



March 3, 2023

**Dr. Beatriz S. Belonias**  
Vice President for Academic Affairs  
Visayas State University

**Dear Dr. Belonias,**

The Department of Biological Sciences faculty would like to request five (5) units of television sets and five (5) units of projectors. These television sets will be placed in our lecture and laboratory rooms while the faculty members will use the projectors to conduct their classes in other departments. Of the eight (8) units of projectors that we presently have, two (2) are already defective. Hence, we badly need additional teaching equipment to deliver our several classes effectively.

The following are the specifications of the projectors and television sets:

Quantity	Item	Specifications	Amount
1	Smart TV (for DBS 101 lecture room)	<ul style="list-style-type: none"> <li>Picture Engine: <b>Crystal Processor 4K</b></li> <li>Color: <b>Dynamic Crystal Color</b></li> <li>Contrast: <b>Mega Contrast</b></li> <li>Sound: <b>Q-Symphony</b></li> <li>Smart: <b>Tap-View</b></li> <li>Design: <b>AirSlim</b></li> </ul> <b>Specifications Detail</b> <b>Product Type: LED</b> <b>Series: 8</b>  <b>Display</b> <ul style="list-style-type: none"> <li><b>Screen Size: 75"</b></li> <li><b>Resolution: 3,840 x 2,160</b></li> <li><b>Screen Curvature: N/A</b></li> </ul> <b>Video</b> <ul style="list-style-type: none"> <li><b>Picture Engine: Crystal Processor 4K</b></li> <li><b>PQI (Picture Quality Index): 2200</b></li> <li><b>HDR (High Dynamic Range): HDR</b></li> <li><b>HDR 10+: Support</b></li> <li><b>HLG (Hybrid Log Gamma): Yes</b></li> <li><b>Contrast: Mega Contrast</b></li> <li><b>Viewing Angle: N/A</b></li> <li><b>Color: Dynamic Crystal Color</b></li> <li><b>Micro Dimming: UHD Dimming</b></li> <li><b>Auto Depth Enhancer: N/A</b></li> <li><b>Contrast Enhancer: Yes</b></li> <li><b>Auto Motion Plus: Yes</b></li> <li><b>Film Mode: Yes</b></li> </ul>	111,000.00

		<ul style="list-style-type: none"> <li>• <b>Natural Mode Support:</b> Yes</li> </ul> <p><b>Audio</b></p> <ul style="list-style-type: none"> <li>• <b>Dolby Digital Plus:</b> Yes</li> <li>• <b>Dolby 5.1 Decoder:</b> N/A</li> <li>• <b>Object Tracking Sound:</b> N/A</li> <li>• <b>Q-Symphony:</b> Q-Symphony</li> <li>• <b>Audio Pre-selection Descriptor:</b> N/A</li> <li>• <b>Hole Array Speaker:</b> N/A</li> <li>• <b>Sound Output (RMS):</b> 20W</li> <li>• <b>Speaker Type:</b> 2CH</li> <li>• <b>Woofer:</b> N/A</li> <li>• <b>Multiroom Link:</b> Yes</li> <li>• <b>Bluetooth Audio:</b> Yes</li> </ul> <p><b>Smart Service</b></p> <ul style="list-style-type: none"> <li>• <b>SMART TV:</b> Smart</li> <li>• <b>Operating System:</b> Tizen™</li> <li>• <b>Bixby:</b> US English, UK English, India English, Korean, French, German, Italian, Spanish, Portuguese (features vary by language)</li> <li>• <b>Voice Interaction:</b> N/A</li> <li>• <b>Far-Field Voice Interaction:</b> N/A</li> <li>• <b>Alexa Built-in:</b> N/A</li> <li>• <b>Google Assistant Built-in:</b> N/A</li> <li>• <b>Works with Google Assistant:</b> N/A</li> <li>• <b>Works With Alexa:</b> N/A</li> <li>• <b>TV Plus:</b> N/A</li> <li>• <b>Web Browser:</b> Yes</li> <li>• <b>Gallery:</b> Yes</li> </ul> <p><b>Convergence</b></p> <ul style="list-style-type: none"> <li>• <b>TV to Mobile – Mirroring:</b> N/A</li> <li>• <b>Mobile to TV - Mirroring, DLNA:</b> Yes</li> <li>• <b>NFC on TV:</b> N/A</li> <li>• <b>Tap View:</b> Yes</li> <li>• <b>Digital Butler:</b> N/A</li> <li>• <b>Multi-View:</b> N/A</li> <li>• <b>Sound Wall:</b> Yes</li> <li>• <b>Remote Access:</b> Basic</li> <li>• <b>360 Video Player:</b> N/A</li> <li>• <b>360 Camera Support:</b> N/A</li> <li>• <b>Bluetooth Low Energy:</b> Yes</li> <li>• <b>WiFi Direct:</b> Yes</li> <li>• <b>TV Sound to Mobile:</b> Yes</li> </ul>	
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4	Smart TVs (for laboratory rooms: DBS 103, 104, 105 & 106)	<ul style="list-style-type: none"> <li>• <b>Display Size:</b> 50"</li> <li>• <b>Ports Input:</b> OTHERS, HDMI, USB, Component in (Y/PB/Pr), RF in (Terrestrial/Cable Input), Digital Audio Out (Optical), Audio Out (Mini Jack), Ethernet (LAN), Composite in (AV)</li> <li>• <b>TV Features:</b> Netflix, HDR, Cinema 3D ,Wireless Connectivity, Web</li> </ul>	25,000.00 each

		Browser, Mobile Screen Mirroring, Youtube, DTS Audio, Bluetooth Connectivity <ul style="list-style-type: none"> <li>• TV Resolution: 4K UHD</li> <li>• Smart TV OS: Android OS</li> </ul>	
<b>Sub Total for TV</b>		<b>211,000.00</b>	
5	Projectors	<ul style="list-style-type: none"> <li>• Projection System Technology: RGB liquid crystal shutter projection system (3LCD), 3-chip technology</li> <li>• White Light Output (Normal/Eco):3,600 lm</li> <li>• Colour Light Output:3,600 lm</li> <li>• Resolution XGA, at least 1024 x 768,</li> <li>• Analog Input: D-Sub 15pin: 1</li> <li>• Digital Input: HDMI: 1</li> <li>• LCD: Native Resolution: XGA (1024 x 768)</li> <li>• Size: 0.55" (C2fine)</li> <li>• Light source: Type: 210W UHE</li> <li>• Life (Normal / Eco): 6,000 / 12,000 hours</li> <li>• Aspect Ratio:4:3</li> <li>• USB Interface: USB Type B: 1 (For Firmware Update, Copy OSD Settings)</li> <li>• Analog Input: D-Sub 15pin: 1</li> <li>• Digital Input: HDMI: 1</li> </ul>	25,000.00 each
<b>Sub Total for projector</b>		<b>125,000.00</b>	
<b>TOTAL</b>			<b>336,000.00</b>

Thank you for your time and I look forward to your positive response to this request.

Truly yours,

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**ANALYN M. MAZO**  
 Department Head

Endorsed:

*mtplncto*  
**MA. THERESA P. LORETO**  
 Dean, CAS

Approved:

*KG*  
**BEATRIZ S. BELONIAS**  
 Vice President for Academic Affairs



March 3, 2023

**Dr. Beatriz S. Belonias**  
Vice President for Academic Affairs  
Visayas State University

**Dear Dr. Belonias,**

Please allow us to request funds from your good office to repair the much-needed oven in the department that malfunctioned last year. This oven is used both for research and instruction purposes. The technician that examined the equipment informed us that the mainboard controller has to be replaced. Please find herewith the attached quotation for the controller amounting to 41,680.00 pesos.

I look forward to your positive response to this request.

Truly yours,

*man*  
**ANALYN M. MAZO**  
Department Head

Endorsed:

*mtplncto*  
**MA. THERESA P. LORETO**  
Dean, CAS

Approved:

*KB*  
**BEATRIZ S. BELONIAS**  
Vice President for Academic Affairs