

**Project Title** : **Establishment of iLab as an Innovation Laboratory for Global Education and Digital Citizenship**

**Project Type** : **Upgrading of Facilities (Education/Technology)**

**Project Proponent** : **Cavite State University**

**Funding Requirement** : **Four Million Eight Hundred Fifty Thousand Pesos (4,850,000)**

	ITEM DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
LOT	<b>Delivery, Installation, Configuration, Commissioning of Network and with Software Training of I.T. Equipment for iLab</b>	1		
UNIT	<b>"Laptop Computer"</b> <ul style="list-style-type: none"> <li>• 13" Display</li> <li>• 2.3GHz quad-core 10th generation Intel Core i7 processor, Turbo Boost up to 4.1GHz</li> <li>• Intel Irish Plus Graphics</li> <li>• 16GB 3733Mhz RAM</li> <li>• 1TB SSD</li> <li>• Multi-Touch trackpad, Backlit Keyboard (US)</li> <li>• Operating System: MacOS</li> <li>• What's in the box: laptop with retina display, 61W USB-C Power Adapter and USB-C Charge cable 2m</li> <li>• Included mini Display port to VGA Adapter</li> <li>• Included USB Mono Headset w/ noise cancelling mic</li> <li>• Targus Slipcase TSS656AP 14"</li> <li>• Microsoft Office 2019 or higher version</li> <li>• CMS Software with Certification/MAF</li> <li>• Certification of Certified Partner of Manufacturer/MAF for this project</li> </ul>	2	160,000.00	<b>320,000.00</b>
UNIT	<b>"Desktop Computer "</b> <ul style="list-style-type: none"> <li>• 27" Display</li> <li>• 3.3GHz 5-core Intel Core i5 10th gen, Turbo Boost up to 4.8GHz</li> <li>• Radeon Pro 5300 with 4GB video memory</li> <li>• 8GB 2666MHz DDR4 SDRAM</li> <li>• 1TB SSD</li> <li>• Operating System: MacOS</li> <li>• In the box: AIO with Retina 5K display, Magic Keyboard, Magic Mouse 2, Power cord, Lightning to USB Cable, User's Guide (English)</li> <li>• Included USB Mono Headset w/ noise cancelling mic</li> <li>• Microsoft Office 2019 or higher version</li> <li>• CMS Software with Certification/MAF</li> <li>• Certification of Certified Partner of Manufacturer/MAF for this project</li> </ul>	1	180,000.00	<b>180,000.00</b>

UNIT	<p><b>"Desktop Computer"</b></p> <ul style="list-style-type: none"> <li>• 21.5" Display</li> <li>• 2.3GHz dual-core Intel Core i5, Turbo Boost up to 3.6GHz</li> <li>• Intel Iris Plus Graphics 640</li> <li>• 8GB 2133MHz DDR4</li> <li>• 256 SSD</li> <li>• Operating System: MacOS</li> <li>• In the box: AIO with Retina 5K display, Magic Keyboard, Magic Mouse 2, Power cord, Lightning to USB Cable, User's Guide (English)</li> <li>• Included USB Mono Headset w/ noise cancelling mic</li> <li>• Microsoft Office 2019 or higher version</li> <li>• CMS software with Certification/MAF</li> </ul> <p>Certification of Certified Partner of Manufacturer/MAF for this project</p>	30	90,000.00	<b>2,700,000.00</b>
LOT	<p><b>"Installation, Configuration &amp; Commissioning of Network"</b></p> <ul style="list-style-type: none"> <li>• Labor installation of UTP CAT 6 Cables.</li> <li>• Termination of Cables for 35 nodes.</li> <li>• Testing and Commissioning of cables using special tools.</li> <li>• Cleaning and Restoration of affected areas.</li> <li>• Mobilization &amp; Demobilization of materials, tools and equipment.</li> <li>• UTP CAT6 Cables</li> <li>• Patch Cable CAT6</li> <li>• Face Plate with I/O</li> <li>• Misc. Materials</li> <li>• 1 x TV 32GB 4th Generation</li> <li>• 1 x Customized Standard Wall Mounted Cabinet</li> </ul> <p>2Feet</p> <ul style="list-style-type: none"> <li>▪ bare structure w 4 standard square hole vertical mounting rails,</li> <li>2-vented detachable side panels with lock and louvers,</li> <li>detachable flexi glass front door w lock, 550mmW x 600mmD x</li> <li>2ftH, power strip w 6-pcs outlets and power cord, 6-pcs rear</li> </ul>	1	620,000.00	620,000.00

	<p>vertical ring at the back, 2-pcs exhaust fans on top frame w</p> <p>cable access hole, color is black, powder coated finished w/ 16-</p> <p>pcs cage nuts</p> <ul style="list-style-type: none"> <li>▪ 1 x Cantilever Tray</li> <li>• 2 x 24 port Gigabit Switch</li> <li>• 1 x 4iPnet Wireless Hot Spot Gateway HSG326</li> <li>• 1 x 1000VA UPS 230V AVR</li> <li>• 1 x 60" x 80" Motorized Screen (100D) Steel Matte White</li> <li>• 1 x 3600 Lumens LCD Projector</li> <li>• 31 x Ergonomic Chair</li> <li>• 16 x Freestanding Executive Table <ul style="list-style-type: none"> <li>▪ *high pressured laminated MDF Board TOP w/ plastic edging</li> <li>▪ *2pcs thermometer hole</li> <li>▪ *1 ½ G.I. Tubular Steel Frame Epoxy Acrylic Painted</li> <li>▪ *scratch, stain and fire resistant</li> <li>▪ *wooden grain finished</li> <li>▪ *size: 1800L x 600W x 750H mm</li> </ul> </li> </ul>			
<p>LOT</p>	<p><b>"LEARNING MANAGEMENT SYSTEM"</b></p> <ul style="list-style-type: none"> <li>➤ Annual subscription for at least 250 users. Additional per user subscription fee shall apply for more than 250 users on the first and succeeding years.</li> <li>➤ Includes initial configuration such as upload of users, definition of user roles and persons, and setup of email notification recipients.</li> <li>➤ One major version upgrade per year.</li> <li>➤ LMS training materials and user manuals available in the LMS.</li> <li>➤ Knowledge transfer</li> <li>➤ Client care provision for off-site annual support post-live.</li> </ul> <p><b>SOFTWARE AND TRAINING</b></p> <ul style="list-style-type: none"> <li>➤ <b>Basic and Advance Trainings for Computers</b></li> </ul> <p>Course Outline:</p> <ul style="list-style-type: none"> <li>• OS Features</li> <li>• OS Update</li> <li>• Administration and Troubleshooting</li> <li>• PC Integration Basic</li> </ul>	<p>1</p>	<p>1,030,000.00</p>	<p>1,030,000.00</p>

- Built-in Productivity Apps

➤ **Computer Teacher Program**

- Brands Teacher is a professional learning program designed to support and celebrate teachers. It empowers all educators-new to the profession or experienced faculty-to feel more confident using Branded (tablet, laptop, desktop) products for teaching and learning. The Brands Teacher Learning Center (BTLC) is an online portal for self-paced learning by teachers. The Brands Teacher Learning Center has everything teachers need to build a strong foundation for using UNIT and Brands apps like Productivity Tools (Pages, Keynote, Numbers, GarageBand, and iMovie) in the classroom. After completing a set of lessons, teachers can take an interactive quiz. The quizzes are designed for self-paced learning, so they can take them as many times as they need to. Once they passed all eight quizzes for UNIT, they earn recognition as a Brands Teacher

- Learn Skills for Tablet
- Learn Skills for Laptop/Desktop

➤ **Computer in Education**

Computer in Education enables educators to understand what is possible when UNIT (tablet, laptop, desktop) is used to support, enhance, and extend learning. This session is designed for educators, curriculum leads, and school leadership to learn more foundational workflows to the leveraging the potential of the core Brands apps. This session is delivered by the Brands education team and guest education leaders.

Topics include:

- Brand's beliefs in education
- Elements for successful implementation of technology in learning

Teaching and Learning with UNIT (tablet, laptop, desktop)

➤ **Computer Professional Learning**

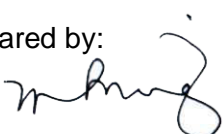
- Brands Learning Series for UNIT (laptop, desktop, tablet) enables educators to understand more possibilities of teaching with PC in a blended learning environment leveraging specific apps to support workflows and lesson design combining both online and face-to-face pedagogical approaches to learning. This hands-on workshop is designed for educators, curriculum leads and anyone wanting to get hands-on and learn ways to support more blended learning approaches to teaching with PC. This workshop is run by certified Brands Professional Learning consultants.

Topics include:

- Basic PC operations
- Personalization and Accessibility features
- Productivity and Research with PC

	<ul style="list-style-type: none"> <li>▪ Content Creation with PC Collaboration with PC</li> <li>• Classroom Management Software</li> <li>▪ Console familiarization</li> <li>▪ Student live monitoring</li> <li>▪ Teacher presentation</li> <li>▪ Control Student device</li> <li>▪ Provide student test/questionnaire</li> <li>▪ Sending student private message "</li> </ul> <p>➤ <b>LMS Training</b></p> <ul style="list-style-type: none"> <li>• A three (3)-day virtual basic training workshop for a maximum of eight (8) Teachers and two (2) School Administrators will be provided as part of implementation</li> </ul> <ul style="list-style-type: none"> <li>▪ LMS Course Management - Teacher – 16 hours</li> </ul> <ul style="list-style-type: none"> <li>o Creation of course pages and activities</li> <li>o Upload of reference materials and linking of web articles and videos</li> <li>o Creation of lessons and assignments</li> <li>o Creation of quiz and management of course question banks</li> <li>o Monitoring of student attendance in F2F/Virtual classes</li> <li>o Creation of custom certificates and badges</li> <li>o Creation of course evaluation forms</li> <li>o Enrolments of students</li> <li>o Set-up of grade books</li> <li>o Generation of course reports</li> </ul> <ul style="list-style-type: none"> <li>▪ LMS Reports Management - School Admin - 8 hours</li> </ul> <ul style="list-style-type: none"> <li>o Generation and monitoring of school wide learner progress and completion .</li> </ul>			
			<b>TOTAL</b>	<b>4,850,000.00</b>

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Reviewed and Certified Correct:



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