



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
 MAIN CAMPUS  
 INDANG, CAVITE

**SUPPLY, DELIVERY AND INSTALLATION OF LOCAL AREA NETWORK FOR COLLEGE OF VETERINARY MEDICINE, ANIMAL SCIENCE, AGRI-ECO TOURISM, BRITE CENTER AND HOSTEL TROPICANA**

ABC: ₱3,387,252.00 / F101

Local Area Network for CVMBS, AnSci and Agri-Eco				
Item No.	Quantity	Specification	Unit Price	Total
1	1	<p><b>(1900meters)</b> Fiber Optic Cable, 8score Outdoor, Singlemode, armored, with messenger wire</p> <p><b>(3pcs)</b> Fiber Optic Patch panel, 1U, 12 LC/UPC, with splice tray</p> <p><b>(16pcs)</b> LC/UPC Pigtails, Singlemode 900um, simplex 1mtr</p> <p><b>(8pcs)</b> Fiber Optic Patch Cord, LC/UPC-LC/UPC/2mtr</p> <p><b>(4rolls)</b> SM Duplex Yellow</p> <p><b>(4pcs)</b> Category 6 UTP cable 4-pair</p> <p><b>(20pcs)</b> Category 6 24 port Patch panel</p> <p><b>(15pcs)</b> Category 6 Information outlet Faceplate</p> <p><b>(23pcs)</b> Stranded Category 6 UTP patch cord 2 meter</p> <p><b>(15pcs)</b> Stranded Category 6 UTP patch cord 3 meter</p> <p><b>(3sets)</b> 12RU Network Rack</p> <p><b>(4sets)</b> Managed 24-port GE, 4X1G SFP CONSNT SNTC-8X5XNBD MANAGED 24- PORT GE, 4X1G SFP, Layer 3 switch</p> <p><b>(6sets)</b> GLC-LH-SMD= 1000BASE-LX/LH SFP TRANSCEIVER MODULE</p> <p><b>(2sets)</b> GLC-TE 1000BASE-T SFP TRANSCEIVER MODULE FOR CATEGORY</p> <p><b>(4unit)</b> 24-PORT DATA,4X1G DISTRIBUTION SWITCH</p> <p><b>(1lot)</b> Labor &amp; rough-ins</p> <ul style="list-style-type: none"> <li>- PVC pipes and fittings</li> <li>- Pole attachments</li> <li>- Cable termination and consumables</li> </ul>	2,894,000.00	2,894,000.00
		Sub-Total		2,894,000.00

Local Area Network for BRITE Center and Hostel Tropicana				
2	1	<p><b>(1pc)</b> Access Switch 24 Port Managed 24-port GE, 4X1G SFP CON-SNT SNTC-8X5XNBD MANAGED 24- PORT GE, 4X1G SFP, Layer 3 switch</p> <p><b>(8pcs)</b> Access Point (POE) with power injector and power cord.</p> <p><b>(1pc)</b> 4u Network Cabinet Box</p> <p><b>(1unit)</b> 24 Port Patch Panel Cat5E</p> <p><b>(15box)</b> Cat5e Wall Surface Mount Compact Box RJ45</p> <p><b>(8pcs)</b> Wifi Extender / Repeater</p> <p><b>(15pcs)</b> Stranded Category 5E UTP patch cord 2 meter</p> <p><b>(200mtrs)</b> Fiber Optic Cable, 8score Outdoor, Singlemode, armored, with messenger wire</p> <p><b>(1unit)</b> Fiber Optic Patch panel, 1U, 12 LC/UPC, with splice tray</p> <p><b>(4mtrs)</b> LC/UPC Pigtails, Singlemode 900um, simplex 1mtr</p> <p><b>(2mtrs)</b> Fiber Optic Patch Cord, LC/UPC-LC/UPC/2mtr SM Duplex Yellow</p>	493,252.00	493,252.00
<b>Grand Total</b>				<b>3,387,252.00</b>

### Scope of Work


- A. Structured cabling design services
- B. Project Management Services
- C. Supply and installation of PVC pipes and fittings, pole attachments, and messenger wires for fiber and UTP cable pathways
- D. Supply and installation of Single mode fiber cable from Data Center location to Agri-Eco Tourism Main Building; Agri-Eco Tourism Main Building to Extension Hall; from Data Center to College of Vet Medicine; from Vet Medicine to Ansi Building and from Hostel Tropicana to Brite Center.
- E. Supply of network racks for Agri-Eco Tourism Main Building; Extension Hall; Vet Med; Vet Med Center; Brite Center
- F. Supply, installation, and configuration of Access points in different locations in Hostel Tropicana.
- G. Supply and installation of UTP cable and connecting hardware for the following:
 

Agri-Eco Tourism Main Building Training Rm	8 nodes
Agri-Eco Tourism Main Building	1 node
Extension office	2 nodes
Vet Med Main Bldg.	4 nodes
Vet Med Hospital	5 nodes
Hostel Wifi	10 nodes
Brite Center	5 nodes

**35 data/UTP nodes**


- G. Fiber termination and labeling
- H. As-built plan upon completion of the project

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