



**University Bids and Awards Committee**  
**Resolution No. 042, S. 2025**

**DECLARING FAILURE OF REQUEST FOR QUOTATION AND RECOMMENDING NEGOTIATED PROCUREMENT FOR THE SUPPLY AND DELIVERY OF SEMI-EXPENDABLE ICT EQUIPMENT AND OTHER SUPPLIES AND MATERIALS FOR THE MIS OFFICE OF MINSU MAIN CAMPUS WITH AN APPROVED BUDGET FOR THE CONTRACT (ABC) OF TWO HUNDRED NINETY-SIX THOUSAND SIX HUNDRED SIXTY-FOUR PESOS (PHP296,664.00)**

**WHEREAS**, the Mindoro State University (MinSU), through the Bids and Awards Committee (BAC) has advertised in the PhilGEPS and MinSU Website the **Request for Quotation (RFQ) No. 2025-033** for the project **"Supply and Delivery of Semi-Expendable ICT Equipment and Other Supplies and Materials for the MIS Office of MinSU Main Campus"** with an Approved Budget for the Contract (ABC) amounting to **Two Hundred Ninety-Six Thousand Six Hundred Sixty-Four Pesos (Php296,664.00);**

**WHEREAS**, in response to the advertisement on March 06,2025, four (4) suppliers were found in the document request list and no supplier submitted price quotation before the deadline;

**WHEREAS**, based on the declared failure, the BAC recommended for the second publication of the project on March 12,2025; three (3) suppliers were found in the document request list however, no supplier submitted RFQ for the second time;

**NOW, THEREFORE, BE IT RESOLVED** that the BAC hereby recommends to the Head of Procuring Entity involving the project, **"Supply and Delivery of Semi-Expendable ICT Equipment and Other Supplies and Materials for the MIS Office of MinSU Main Campus"** as follows:

- a. The approval of resorting to Alternative Method of Procurement through Negotiated Procurement under Section 53 "Annex-H" of the R.A. 9184

**RESOLVED**, this 18<sup>th</sup> day of March, 2025 at MinSU Main Campus, Alcate, Victoria, Oriental Mindoro.

  
**CIEDELLE P. SALAZAR, J.D., Ph.D.**  
BAC Chairperson

  
**Engr. MARK LESTER A. MAGPANTAY**  
BAC Vice-Chairperson

  
**FRANIE M. AFABLE, DBMHM**  
BAC Member

  
**ATTY. SHERLYN A. LAYESA**  
BAC Member

  
**MELGAR G. FADRIQUELAN**  
BAC Member

Approved/Disapproved

  
**ENYA MARIE D. APOSTOL, Ph.D.**  
SUC President III

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





**PhilGEPS**

Philippine Government Electronic Procurement System

Central Portal for  
Philippine Government  
Procurement Opportunities

**Bid Notice Abstract**

**Request for Quotation (RFQ)**

**Reference Number** 11869636  
**Procuring Entity** MINDORO STATE UNIVERSITY  
**Title** SUPPLY AND DELIVERY OF SEMI-EXPENDABLE ICT EQUIPMENT AND OTHER SUPPLIES AND MATERIALS FOR THE MIS OFFICE OF MINSU MAIN CAMPUS  
**Area of Delivery** Oriental Mindoro

<b>Solicitation Number:</b>	RFQ No. 2025-033A	<b>Status</b>	<b>Closed</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations		
<b>Procurement Mode:</b>	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Associated Components</b>	1
<b>Classification:</b>	Goods	<b>Bid Supplements</b>	0
<b>Category:</b>	Electronic Parts and Components		
<b>Approved Budget for the Contract:</b>	PHP 296,664.00	<b>Document Request List</b>	3
<b>Delivery Period:</b>	30 Day/s		
<b>Client Agency:</b>		<b>Date Published</b>	12/03/2025
<b>Contact Person:</b>	Christian B. Apostol BAC Secretariat Head Alcate Victoria Oriental Mindoro Philippines 5205 63-43-2862368  cbapotel21@gmail.com	<b>Last Updated / Time</b>	12/03/2025 00:00 AM
		<b>Closing Date / Time</b>	17/03/2025 01:00 AM

**Description**

Please quote your lowest price on the items / listed below, subject to the General Condition on the last page, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than \_\_\_\_\_ in the address stated in the last page.

CIEDELLE PIOL-SALAZAR, J.D., Ph.D.

BAC Chairperson

Note: 1. All entries must be typewritten.

2. Delivery Period within \_\_\_\_ calendar days.

3. Warranty shall be for a period of six (6) months for supplies and materials, one (1) year for Equipment, from date of acceptance by the procuring entity.

4. Price validity shall be a period of 30 calendar days.

5. G-EPS Registration Certificate shall be attached upon submission of the Quotation.

6. Bidders shall submit Original Brochures showing certification of the product being offered (optional).

7. Mode of delivery: [ ] Pick-up (Schedule) [ ] Door to Door Delivery

Item No. Unit ITEM AND DESCRIPTION QTY. UNIT PRICE TOTAL AMOUNT

LOT 1- SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES

1 unit UNINTERRUPTIBLE POWER SUPPLY 6

Input Voltage 230VAC

Frequency 50hz - 60hz (auto sensing)

Voltage Range 140 - 300VAC

Capacity VA/Wattage 4KVA/2800W

Transfer Time 4 - 8 ms (typical)

Power Cord Length 1.2meter

Outlet Socket back-up x8, total of 8 sockets

Back up time 6 – 30mins depending on computer load  
2 unit WIRELESS ROUTER 5  
Wireless Protocol  
Wi-Fi 6, 2976Mbps  
Antenna  
5 External 5 dBi Antennas  
Max/Recommended Clients (Wi-Fi)  
160/80  
Recommended Total Clients (LAN+Wi-Fi)  
160  
MIMO  
2x2 @2.4 GHz, 2x2 @5 GHz  
Network Interface  
5 x 10/100/1000 Base-T  
Max. WAN Ports  
4, 10/100/1000 Base-T  
CPU  
Dual Cores, 1.3GHz  
RAM  
512MB  
Recommended Bandwidth from ISP  
1.2Gbps  
Dimension  
283 mm x 172 mm x 46 mm (without antennas)  
Power Supply  
100V~240V AC, 50/60Hz  
3 unit POINT TO POINT ANTENNA 10  
Mechanical:  
Dimensions: 358 x 271.95 x 272.5 mm  
Material: Reflector (SGCC 0.6T), Plastic  
Mounting: Pole-mounting kit included  
Wind Survivability: 200 km/h (125 mph)  
Hardware:  
Networking: 1x Gigabit Ethernet port  
Power: Passive PoE (adapter included)  
Power Consumption: Max 7W  
Gain: 23 dBi  
Processor: MIPS 74Kc  
Memory: 64 MB DDR2  
Channel Sizes:  
PtP: 10/20/30/40/50/60/80 MHz  
PtMP: 10/20/30/40 MHz  
4 unit FUSION MACHINE 1  
Fiber alignment: Core/cladding alignment / Manual alignment  
Splicing time: 5S  
Heating time: 15S Automatic heating(Preheating)  
Construction Lighting: Built in high brightness, wide range of lights, easy to operate at night  
Screen: 5 inch TFT Display  
Focus mode: Six motors Auto focus  
Splice Loss:  
0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)  
Power:  
Input AC100-240V 50 / 60HZ, Output DC13.5V / 4.8A  
Applicable Fibers:  
SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.655)  
sub-TOTAL Lot 1  
LOT 2- OTHER SUPPLIES AND MATERIALS EXPENSES  
1 pcs THERMAL PASTE 6  
Arctic Mx-4 Thermal Paste  
2 pcs WIFI DONGLE 30  
150Mbps Wireless N Nano USB Adapter  
3 pcs CABLE MANAGER 8  
Rack Mounted 19 inches  
4 box INDOOR UTP CABLE 4  
CAT6 UTP  
Ethernet LAN Network Cable 305M/Box  
5 roll OUTDOOR UTP LAN CABLE 3  
Category: Cat 6 Ethernet cable  
Cable Type: Unshielded Twisted Pair  
Color: Black  
Length: 305 meters (per roll).  
Physical and Technical Details:  
Conductor Size: 24 AWG  
Jacket Material: Durable PVC  
Data Transfer Speed: Up to 1 Gbps.  
Bandwidth Support: Up to 250 MHz.  
6 unit DATA CABINET 5  
Wallmounted Data Cabinet  
Size: 6U/ 6-Layer/ 1FT Height  
Dimension: W600 x D450mm x H=1FT



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**Created by** Annabelle Quinto Madrigal

**Date Created** 11/03/2025

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**PhilGEPS**

Philippine Government Electronic Procurement System

Central Portal for  
Philippine Government  
Procurement Opportunities

**Bid Notice Abstract**

**Request for Quotation (RFQ)**

**Reference Number** 11843623  
**Procuring Entity** MINDORO STATE UNIVERSITY  
**Title** SUPPLY AND DELIVERY OF SEMI-EXPENDABLE ICT EQUIPMENT AND OTHER SUPPLIES AND MATERIALS FOR THE MIS OFFICE OF MINSU MAIN CAMPUS  
**Area of Delivery** Oriental Mindoro

<b>Solicitation Number:</b>	RFQ No. 2025-033	<b>Status</b>	<b>Closed</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations		
<b>Procurement Mode:</b>	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Associated Components</b>	1
<b>Classification:</b>	Goods	<b>Bid Supplements</b>	0
<b>Category:</b>	Electronic Parts and Components		
<b>Approved Budget for the Contract:</b>	PHP 296,664.00	<b>Document Request List</b>	4
<b>Delivery Period:</b>	30 Day/s		
<b>Client Agency:</b>		<b>Date Published</b>	06/03/2025
<b>Contact Person:</b>	Christian B. Apostol BAC Secretariat Head Alcate Victoria Oriental Mindoro Philippines 5205 63-43-2862368  cbapotel21@gmail.com	<b>Last Updated / Time</b>	06/03/2025 00:00 AM
		<b>Closing Date / Time</b>	10/03/2025 01:00 AM

**Description**

Please quote your lowest price on the items / listed below, subject to the General Condition on the last page, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than \_\_\_\_\_ in the address stated in the last page.

CIEDELLE PIOL-SALAZAR, J.D., Ph.D.

BAC Chairperson

Note: 1. All entries must be typewritten.

2. Delivery Period within \_\_\_\_ calendar days.

3. Warranty shall be for a period of six (6) months for supplies and materials, one (1) year for Equipment, from date of acceptance by the procuring entity.

4. Price validity shall be a period of 30 calendar days.

5. G-EPS Registration Certificate shall be attached upon submission of the Quotation.

6. Bidders shall submit Original Brochures showing certification of the product being offered (optional).

7. Mode of delivery: [ ] Pick-up (Schedule) [ ] Door to Door Delivery

Item

No. Unit ITEM AND DESCRIPTION QTY. UNIT

PRICE TOTAL AMOUNT

LOT 1- SEMI-EXPENDABLE ICT EQUIPMENT

EXPENSES

1 unit UNINTERRUPTIBLE POWER SUPPLY 6

Input Voltage 230VAC

Frequency 50hz - 60hz (auto sensing)

Voltage Range 140 - 300VAC

Capacity VA/Wattage 4KVA/2800W

Transfer Time 4 - 8 ms (typical)

Power Cord Length 1.2meter  
Outlet Socket back-up x8, total of 8 sockets  
Back up time 6 – 30mins depending on computer load  
2 unit WIRELESS ROUTER 5  
Wireless Protocol  
Wi-Fi 6, 2976Mbps  
Antenna  
5 External 5 dBi Antennas  
Max/Recommended Clients (Wi-Fi)  
160/80  
Recommended Total Clients (LAN+Wi-Fi)  
160  
MIMO  
2x2 @2.4 GHz, 2x2 @5 GHz  
Network Interface  
5 x 10/100/1000 Base-T  
Max. WAN Ports  
4, 10/100/1000 Base-T  
CPU  
Dual Cores, 1.3GHz  
MSU-BAC-FR-05.01  
RAM  
512MB  
Recommended Bandwidth from ISP  
1.2Gbps  
Dimension  
283 mm x 172 mm x 46 mm (without antennas)  
Power Supply  
100V~240V AC, 50/60Hz  
3 unit POINT TO POINT ANTENNA 10  
Mechanical:  
Dimensions: 358 x 271.95 x 272.5 mm  
Material: Reflector (SGCC 0.6T), Plastic  
Mounting: Pole-mounting kit included  
Wind Survivability: 200 km/h (125 mph)  
Hardware:  
Networking: 1x Gigabit Ethernet port  
Power: Passive PoE (adapter included)  
Power Consumption: Max 7W  
Gain: 23 dBi  
Processor: MIPS 74Kc  
Memory: 64 MB DDR2  
Channel Sizes:  
PtP: 10/20/30/40/50/60/80 MHz  
PtMP: 10/20/30/40 MHz  
4 unit FUSION MACHINE 1  
Fiber alignment: Core/cladding alignment /  
Manual alignment  
Splicing time: 5S  
Heating time: 15S Automatic heating(Preheating)  
Construction Lighting: Built in high brightness,  
wide range of lights, easy to operate at night  
Screen: 5 inch TFT Display  
Focus mode: Six motors Auto focus  
Splice Loss:  
0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)  
Power:  
Input AC100-240V 50 / 60HZ, Output DC13.5V /  
4.8A  
Applicable Fibers:  
SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.  
.655)  
sub-TOTAL Lot 1  
LOT 2- OTHER SUPPLIES AND MATERIALS  
EXPENSES  
1 pcs THERMAL PASTE 6  
Arctic Mx-4 Thermal Paste  
2 pcs WIFI DONGLE 30  
150Mbps Wireless N Nano USB Adapter  
3 pcs CABLE MANAGER 8  
Rack Mounted 19 inches  
4 box INDOOR UTP CABLE 4  
CAT6 UTP  
Ethernet LAN Network Cable 305M/Box  
5 roll OUTDOOR UTP LAN CABLE 3  
Category: Cat 6 Ethernet cable  
Cable Type: Unshielded Twisted Pair  
Color: Black  
Length: 305 meters (per roll).



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<b>Created by</b>	Annabelle Quinto Madrigal
<b>Date Created</b>	05/03/2025

The PhilGEPS team is not responsible for any typographical errors or misinformation presented in the system. PhilGEPS only displays information provided for by its clients, and any queries regarding the postings should be directed to the contact person/s of the concerned party.

Standard Form Number: SF-GOOD-01  
Revised on: May 24, 2004

**APPROVED BUDGET FOR THE CONTRACT (ABC)**  
**SUPPLY AND DELIVERY OF SEMI-EXPENDABLE ICT EQUIPMENT AND OTHER SUPPLIES AND MATERIALS FOR THE MIS OFFICE OF MINSU MAIN CAMPUS**  
Alcate, Victoria, Oriental Mindoro

Project Name and Location

Stations: Mindoro State University

Length:

Length:																		
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	CURRENT MARKET PRICE	TOTAL COST	VAT, OTHER TAXES AND/OR DUTIES APPLICABLE	FREIGHT & INSURANCE	OTHER INDIRECT COSTS	Contract Duration:					TOTAL COST	UNIT COST			
									OTHER COST FACTORS			INFLATION, CURRENCY	VALUE			%	INFLATION, CURRENCY	VALUE
									%	INFLATION, CURRENCY								
										(10)	(11)							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)				
	LOT 1- SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES																	
1	UNINTERRUPTIBLE POWER SUPPLY	6	unit	8,700.00	52,200.00													
	Input Voltage 230VAC																	
	Frequency 50hz – 60hz (auto sensing)																	
	Voltage Range 140 - 300VAC																	
	Capacity VA/Wattage 4KVA/2800W																	
	Transfer Time 4 – 8 ms (typical)																	
	Power Cord Length 1.2meter																	
	Outlet Socket back-up x8, total of 8 sockets																	
	Back up time 6 – 30mins depending on computer load																	
2	WIRELESS ROUTER	5	unit	9,000.00	45,000.00													
	Wireless Protocol																	
	Wi-Fi 6, 2976Mbps																	
	Antenna																	
	5 External 5 dBi Antennas																	
	Max/Recommended Clients (Wi-Fi)																	
	160/80																	
	Recommended Total Clients (LAN+Wi-Fi)																	
	160																	
	MIMO																	
	2x2 @2.4 GHz, 2x2 @5 GHz																	
	Network Interface																	
	5 x 10/100/1000 Base-T																	
	Max. WAN Ports																	
	4, 10/100/1000 Base-T																	
	CPU																	








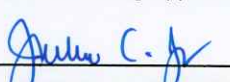
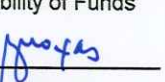
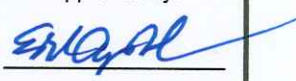






PURCHASE REQUEST

Fund Cluster:

Office/Section : MIS Office		PR No.: PR25 - 0035 Responsibility Center Code :		Date: February 12, 2025	
Stock/ Property No.	Unit	Item Description	Qty	Unit Cost	Total Cost
		SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES			
	unit	UNINTERRUPTIBLE POWER SUPPLY	6	8,700.00	52,200.00
		Input Voltage 230VAC			
		Frequency 50hz – 60hz (auto sensing)			
		Voltage Range 140 - 300VAC			
		Capacity VA/Wattage 4KVA/2800W			
		Transfer Time 4 – 8 ms (typical)			
		Power Cord Length 1.2meter			
		Outlet Socket back-up x8, total of 8 sockets			
		Back up time 6 – 30mins depending on computer load			
	unit	WIRELESS ROUTER	5	9,000.00	45,000.00
		Wireless Protocol			
		Wi-Fi 6, 2976Mbps			
		Antenna			
		5 External 5 dBi Antennas			
		Max/Recommended Clients (Wi-Fi)			
		160/80			
		Recommended Total Clients (LAN+Wi-Fi)			
		160			
		MIMO			
		2x2 @2.4 GHz, 2x2 @5 GHz			
		Network Interface			
		5 x 10/100/1000 Base-T			
		Max. WAN Ports			
		4, 10/100/1000 Base-T			
		CPU			
		Dual Cores, 1.3GHz			
		RAM			
		512MB			
		Recommended Bandwidth from ISP			
		1.2Gbps			
		Dimension			
		283 mm x 172 mm x 46 mm (without antennas)			
		Power Supply			
		100V~240V AC, 50/60Hz			
		continued on page 2			
				SUBTOTAL 1	97,200.00
Purpose: For network maintenance of the Mindoro State University- Main Campus					
STF - 1071 164 -200 02 - 00041					
Requested by:		Recommending Approval:		Approved as to Availability of Funds	
Signature : 		Signature : 		Signature : 	
Printed Name : ERIC JOHN D. FORTU		JOELENE C. LEYNES		ROVELYN P. ROXAS	
Designation : IT Officer I		VR for Administration and Finance		SAO/ Acting Budget Officer III	
				Approved by:	
				Signature : 	
				ENYA MARIE D. APOSTOL	
				University President	
Page 1 of 3					

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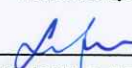
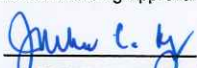
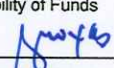
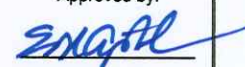
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PURCHASE REQUEST

Fund Cluster:

Office/Section : MIS Office		PR No.: PR25 0035		Date: February 12, 2025	
		Responsibility Center Code :			
Stock/ Property No.	Unit	Item Description	Qty	Unit Cost	Total Cost
		continuation from page 1			
	unit	POINT TO POINT ANTENNA	10	5,040.00	50,400.00
		Mechanical:			
		Dimensions: 358 x 271.95 x 272.5 mm			
		Material: Reflector (SGCC 0.6T), Plastic			
		Mounting: Pole-mounting kit included			
		Wind Survivability: 200 km/h (125 mph)			
		Hardware:			
		Networking: 1x Gigabit Ethernet port			
		Power: Passive PoE (adapter included)			
		Power Consumption: Max 7W			
		Gain: 23 dBi			
		Processor: MIPS 74Kc			
		Memory: 64 MB DDR2			
		Channel Sizes:			
		PtP: 10/20/30/40/50/60/80 MHz			
		PdMP: 10/20/30/40 MHz			
	unit	FUSION MACHINE	1	43,080.00	43,080.00
		Fiber alignment: Core/cladding alignment / Manual alignment			
		Splicing time: 5S			
		Heating time: 15S Automatic heating(Preheating)			
		Construction Lighting: Built in high brightness, wide range of lights, easy to operate at night			
		Screen: 5 inch TFT Display			
		Focus mode: Six motors Auto focus			
		Splice Loss:			
		0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)			
		Power:			
		Input AC100-240V 50 / 60HZ, Output DC13.5V / 4.8A			
		Applicable Fibers:			
		SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.655)			
		OTHER SUPPLIES AND MATERIALS EXPENSES			
	pcs	THERMAL PASTE	6	850.00	5,100.00
		Arctic Mx-4 Thermal Paste			
	pcs	WIFI DONGLE	30	300.00	
		150Mbps Wireless N Nano USB Adapter			9,000.00
	pcs	CABLE MANAGER	8	240.00	1,920.00
		Rack Mounted 19 inches			
	box	INDOOR UTP CABLE	4	6,000.00	24,000.00
		CAT6 UTP			
		Ethernet LAN Network Cable 305M/Box			
	roll	OUTDOOR UTP LAN CABLE	3	8,000.00	24,000.00
		Category: Cat 6 Ethernet cable			
		Cable Type: Unshielded Twisted Pair			
		Color: Black			
		Length: 305 meters (per roll).			
		Physical and Technical Details:			
		Conductor Size: 24 AWG			
		Jacket Material: Durable PVC			
		Data Transfer Speed: Up to 1 Gbps.			
		Bandwidth Support: Up to 250 MHz.			
		continued on page 3			
				SUBTOTAL 2	157,500.00
Purpose: For network maintenance of the Mindoro State University- Main Campus					
STF - 1071 164 -200 62 - 60741					
Requested by:		Recommending Approval:		Approved as to Availability of Funds	
Signature : 		Signature : 		Signature : 	
Printed Name : ERIC JOHN D. FORTU		JOELENE C. LEYNES		ROVELYN P. ROXAS	
Designation : IT Officer I		VP for Administration and Finance		SAO/ Acting Budget Officer III	
				Approved by:	
				Signature : 	
				ENYA MARIE D. APOSTOL	
				University President	
Page 2 of 3					

Semi-107  
Ref

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PURCHASE REQUEST

Fund Cluster:

Office/Section : MIS Office		PR No.: PR25-0035		Date: February 12, 2025	
		Responsibility Center Code :			
Stock/Property No.	Unit	Item Description	Qty	Unit Cost	Total Cost
		continuation from page 2			
	unit	DATA CABINET	5	4,680.00	23,400.00
		Wallmounted Data Cabinet			
		Size: 6U/ 6-Layer/ 1FT Height			
		Dimension: W600 x D450mm x H=1FT			
		Removable Side Panels			
		Single swing detachable front tempered glass door with keylock			
	unit	LAN TESTER	6	560.00	3,360.00
		Key Functions:			
		Tests UTP/STP, RJ45, RJ11 cables.			
		Detects miswiring, open/short circuits			
		, and cable disorders.			
		Remote testing up to 1000 ft			
		Tone signal detection for cables			
	pcs	ELECTRICAL TAPE	15	60.00	900.00
		Black 19mm x 16mm x 16m			
	unit	SURGE PROTECTOR	12	672.00	8,064.00
		Multi-Stage Protection: Offers high protection for equipment.			
		Fast Response: Built-in semiconductor			
		Low Capacitance Design: Superior transmission performance.			
		transmission distances.			
		Lightning Protection: Prevents induced lightning surges and protects equipment from lightning strikes.			
		Supports Non-Standard POE Switches:			
		Compatible with various POE devices,			
	box	NAIL CLIP	6	70.00	420.00
		PVC Cable Clip Round 4mm (100Pcs)			
	box	NAIL CLIP	6	70.00	420.00
		PVC Cable Clip Round 6mm (100Pcs)			
	unit	SPLICE TOOL KIT FIBER OPTIC	3	1,800.00	5,400.00
		Size of fiber cutter:61*64*55mm			
		Suitable for bare fiber diameter: 125mm			
		Applicable fiber core number: single core			
		Applicable fiber coating diameter: 0.25 & 0.9mm			
		Stripping length before fiber cutting:			
		fiber cutting length +18mm or more			
		Optical fiber cutter length:			
		9-16mm (0.25mm) 10-16mm (0.9mm)			
		Cutting angle representative value: ≤ 0.5°			
		Blade life: 48000 core wire			
				SUBTOTAL 3	41,964.00
				SUBTOTAL 1	97,200.00
				SUBTOTAL 2	157,500.00
				SUBTOTAL 3	41,964.00
				GRAND TOTAL	296,664.00
Purpose: For network maintenance of the Mindoro State University- Main Campus					
Requested by:		Recommending Approval:		Approved as to Availability of Funds	
Signature :		Signature :		Signature :	
Printed Name : ERIC JOHN D. FORTU		JOELENE C. LEYNES		ROVELYN P. ROXAS	
Designation : IT Officer I		VP for Administration and Finance		SAO/ Acting Budget Officer III	
				Approved by:	
				ENYA MARIE D. APOSTOL	
				University President	
Page 3 of 3					

STF - 1071  
164-200  
02-00041

Sm - 147  
Res

1770-3612  
135



**END-USER/UNIT: Management Information System (MIS)**

**END-USER/UNIT: Management Information System (MIS)**

**Charged to STF - Administrative Services**  
*Projects, Programs and Activities (PARs)*

[illegible]















PROJECT PROPOSAL SUMMARY SHEET

General Instruction

1. Submit 4 copies of the Accomplished Form of Project Proposal through PME Office.
2. Use separate sheets or add additional row/paragraphs when needed following appropriate sequence of items.
3. Refer to Definition of Terms for guidance.
4. For proposal with more than one proponent, sign your initials under the Main Proponent's Signature
5. Fill all applicable information. For item Not Applicable, put "N/A"
6. Items with asterisk (\*) are required

Mindoro State University

RECEIVED  
RECORDS OFFICE

SUMMARY: PROJECT PROFILE

BY: \_\_\_\_\_  
DATE: 2/20/25  
TIME: 1:15  
CONTROL #: 294

A. \*Program Title (if any):

\*Project/Activity Title: REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE

B. \*Proponent(s):

Activity/Project Leader: ERIC JOHN D. FORTU Sex: MALE

Co-Project/Study Leader (if any): \_\_\_\_\_

Project/Study Staff/Members (if any): REAN T. GOLOY

\*Department: ADMIN. AND FINANCE College/Institute: Choose an item.

\*Unit: MIS \*Campus: VICTORIA (MAIN)

\*Program/Activity/Project Duration (in months): 12 months

Start Date: 03/03/2025

End Date: 03/03/2026

C. \*Implementing Agency:

Name: Mindoro State University

Address (Base Station): Alcate, Victoria, Oriental Mindoro

Other Implementation Site (if any): \_\_\_\_\_

D. \*Cooperating Agency/ies (if any):

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

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

Contact (if any): \_\_\_\_\_

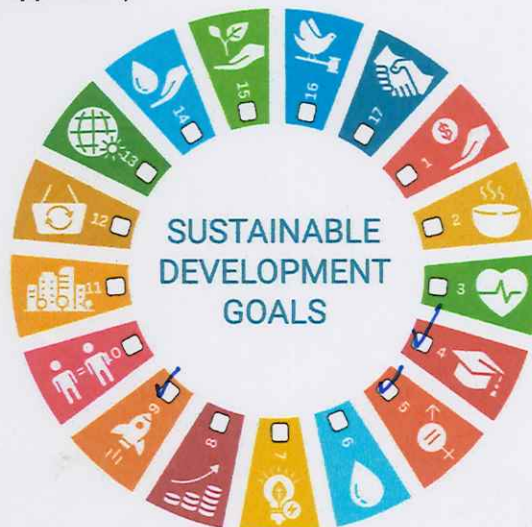
E. \*SITE(S) OF IMPLEMENTATION

IMPLEMENTATION SITES NO.	REGION	PROVINCE	DISTRICT	MUNICIPALITY	BARANGAY	SITIO
1.	IV-B	Oriental Mindoro		Victoria	Alcate	
2.						
3.						
4.						
5.						

F. \*TYPE OF PROGRAM / PROJECT / ACTIVITY:

- ☐ Research ☐ Academic  
☐ Extension or ☐ Outreach  
☐ Capacity/Capability Building  
☒ Others (pls. specify): Both Academic and Administrative

K. \*SUSTAINABLE DEVELOPMENT GOALS (check all applicable)



G. \*MANDATES & THRUSTS

- ☒ MinSU Mandate  
☒ National  
☒ Regional & Local Development Agenda

H. \*GAD Score: 16.0 14.0

I. GAD Budget Allocations : ₱78,028.20

J. \*No. of SDG aimed to Address:3







- A. **\*Executive Summary-** Mindoro State University recognizes the critical role of a robust network infrastructure in supporting academic and administrative functions. As digital learning, cloud-based applications, and remote access solutions become more prevalent, the institution aims to upgrade and maintain its network infrastructure to ensure seamless connectivity, enhanced security, and efficient operations.

This initiative addresses the challenges of aging network components, rising cybersecurity risks, and increasing scalability demands by procuring modern ICT equipment and maintenance services. Upgrading the network will future-proof the university's digital infrastructure, reduce long-term maintenance costs, and align with industry standards.

The project's key objectives include replacing defective network devices, restoring stable connectivity across the campus, and enhancing network resilience. Additionally, it prioritizes equitable access to digital resources for over 11,000 students and 590 faculty and staff, ensuring inclusive participation in ICT-driven academic and administrative activities. Through this investment, Mindoro State University reaffirms its commitment to technological advancement, sustainability, and academic excellence.

- B. **\*Sustainable Development Goal/s (SDG) Addressed (brief statement on how the program/activity/project addresses the SDGs:**

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

- C. **\*Total Project Cost: Php 296, 664**

*Source of Funds	PS	MOOE	CO	Total
STF-Beginning (Administrative Services)		Php 296,664.00		Php 296,664.00
Total				Php 296,664.00

- D. **\*Ways Forward**

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.







PROJECT PROPOSAL SUMMARY SHEET

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6. Items with asterisk (\*) are required

Mindoro State University  
RECEIVED  
RECORDS OFFICE

SUMMARY: PROJECT PROFILE

BY: \_\_\_\_\_  
DATE: 2/20/25  
TIME: 1:15  
CONTROL #: 294

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Activity/Project Leader: ERIC JOHN D. FORTU Sex: MALE

Co-Project/Study Leader (if any): \_\_\_\_\_

Project/Study Staff/Members (if any): REAN T. GOLOY

\*Department: ADMIN. AND FINANCE College/Institute: Choose an item.

\*Unit: MIS \*Campus: VICTORIA (MAIN)

\*Program/Activity/Project Duration (in months): 12 months

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Name: Mindoro State University

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D. \*Cooperating Agency/ies (if any):

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

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

Contact (if any): \_\_\_\_\_

E. \*SITE(S) OF IMPLEMENTATION

IMPLEMENTATION SITES NO.	REGION	PROVINCE	DISTRICT	MUNICIPALITY	BARANGAY	SITIO
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2.						
3.						
4.						
5.						

F. \*TYPE OF PROGRAM / PROJECT / ACTIVITY:

- ☐ Research ☐ Academic  
☐ Extension or ☐ Outreach  
☐ Capacity/Capability Building  
☒ Others (pls. specify): Both Academic and Administrative

K. \*SUSTAINABLE DEVELOPMENT GOALS (check all applicable)

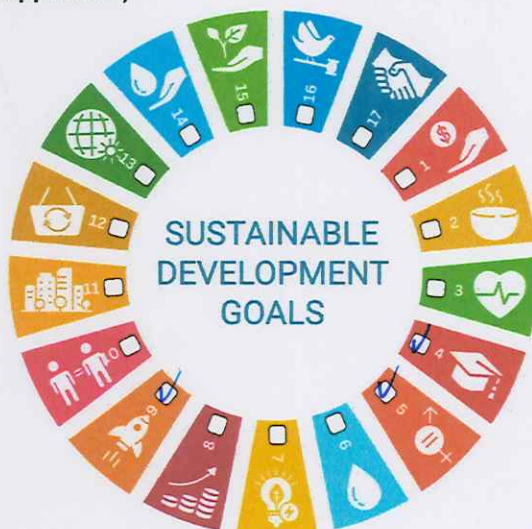
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*Source of Funds	PS	MOOE	CO	Total
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Total				Php 296,664.00

- D. **\*Ways Forward**

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.







## PROJECT PROPOSAL

Title: REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE

Implementing Agency : **MINDORO STATE UNIVERSITY – Main Campus**

Alcate, Victoria, Oriental Mindoro

Head of Agency: **ENYA MARIE D. APOSTOL, Ph.D.**  
SUC President III

Contact Person: **JOELENE C. LEYNES**  
Vice President for Administration and Finance

**ERIC JOHN D. FORTU**  
Information Technology Officer

Total Project Cost: **₱ 296,664.00**

Duration : 1 year

Sources of Fund: Special Trust Fund – Administrative Services

## PROJECT DESCRIPTION

### Introduction

Network infrastructure refers to the essential hardware, software, and connectivity components that enable seamless communication, data exchange, and access to digital resources within an organization. It includes routers, switches, access points, cabling, and security protocols that ensure a stable and efficient digital environment. In a university setting, network infrastructure plays a crucial role in both academic and administrative services by providing reliable internet connectivity, supporting online learning platforms, facilitating research activities, and enabling secure data management for student records, faculty communications, and institutional operations. A well-maintained network infrastructure enhances productivity, promotes digital transformation, and ensures that all stakeholders have equitable access to information and services.

At Mindoro State University, the demand for a robust and resilient network infrastructure continues to grow as the institution embraces digital learning, cloud-based applications, and remote access solutions. By upgrading and maintaining the network infrastructure, the university aims to provide an efficient and secure IT environment that supports academic excellence, streamlines administrative processes, and enhances overall institutional performance. This initiative aligns with the university's commitment to technological advancement and sustainable development in education.

### Rationale

The Mindoro State University's reliance on strong ICT infrastructure is critical for ensuring the seamless delivery of services and operations in today's technology-driven environment. However, aging network components, increased cybersecurity risks, and growing demands for scalability pose significant challenges to maintaining a reliable and efficient network. This procurement initiative addresses these issues by acquiring modern ICT solutions and maintenance services to optimize network performance, enhance security, and minimize downtime.

By investing in upgraded infrastructure, the organization aims to future-proof its network to meet the demands of emerging technologies and expanding operations. This initiative will not only ensure compliance with industry standards but also improve overall efficiency, reduce long-term







maintenance costs, and support the organization's mission to deliver uninterrupted, high-quality services.

## Objectives

**General:** This project generally aims to enhance the institution's network infrastructure through the rehabilitation and maintenance of aging network infrastructures and procurement of necessary ICT equipment.

### Specific:

Specifically it aims to:

1. Replace defective network devices, including routers, access points, and switches, with modern, reliable equipment.
2. Restore stable network connectivity across the campus, ensuring access to online resources for academic and administrative use.
3. Enhance the campus's network infrastructure to meet future demands and improve resilience against potential disruptions.
4. Ensure that the improved network infrastructure addresses Gender and Development (GAD) concerns by providing equitable access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. The initiative will promote inclusive participation in ICT-driven academic and administrative functions, supporting a gender-balanced and technologically empowered institution.

## Methodology

To achieve these objectives, the project will begin with a thorough needs assessment to evaluate the current network infrastructure and identify areas requiring improvement. The procurement process will then be conducted to acquire high-quality ICT equipment through a transparent and competitive bidding process. Once the necessary equipment has been procured, installation and configuration will take place to ensure optimal network performance. Following implementation, system diagnostics and stress tests will be conducted to validate the effectiveness of the upgrades. Additionally, training and capacity-building sessions will be provided for IT staff to ensure proper maintenance and troubleshooting of the new infrastructure. Lastly, a monitoring and evaluation framework in coordination with the Planning, Monitoring and Evaluation (PME) office and University's Women, Gender and Development (WGAD) office will be established to assess and evaluate the efficiency of the upgraded network over time.

## Expected Outputs & Outcomes

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

### Potential Outcomes:

The anticipated outcomes of this project include enhanced network security and minimized cyber threats, improved operational efficiency with reduced downtime, and increased productivity for







faculty, staff, and students. Additionally, the upgraded infrastructure is expected to strengthen the university's capacity for online learning and digital resource management, ensuring a seamless academic experience for all stakeholders.

Potential Impacts (PIs):

This project will have significant social, economic, and environmental impacts. Socially, it will create a more inclusive digital environment, allowing faculty, staff, and students to access reliable online learning, research, and administrative resources. The improved network will facilitate better communication and collaboration, fostering an innovative academic community. Economically, the project will enhance institutional efficiency, reducing operational costs associated with network downtimes and inefficiencies. By ensuring uninterrupted digital services, the university can optimize resource allocation and improve service delivery. Environmentally, the adoption of energy-efficient and eco-friendly network solutions will contribute to sustainable practices, minimizing energy consumption and reducing the carbon footprint of the university's ICT infrastructure.

Target Beneficiaries:

The primary beneficiaries of this project include university faculty, staff, and students who rely on stable network connectivity for their academic and administrative activities. IT personnel responsible for network maintenance will also benefit from improved infrastructure, enabling them to provide better support and troubleshooting services. Additionally, institutional stakeholders requiring stable digital communication will experience significant advantages from the improved network environment.

Product Features and Technical Specifications

Product Description	Qty	Unit	Unit Cost	Total Price
SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES				
UNINTERRUPTIBLE POWER SUPPLY	6	pcs	8,700.00	52,200.00
Input Voltage 230VAC				
Frequency 50hz – 60hz (auto sensing)				
Voltage Range 140 - 300VAC				
Capacity VA/Wattage 4KVA/2800W				
Transfer Time 4 – 8 ms (typical)				
Power Cord Length 1.2meter				
Outlet Socket back-up x8, total of 8 sockets				
Back up time 6 – 30mins depending on computer load				
WIRELESS ROUTER	5	pcs	9,000.00	45,000.00
Wireless Protocol				
Wi-Fi 6, 2976Mbps				
Antenna				
5 External 5 dBi Antennas				
Max/Recommended Clients (Wi-Fi)				
160/80				
Recommended Total Clients (LAN+Wi-Fi)				
160				
MIMO				





2x2 @2.4 GHz, 2x2 @5 GHz				
Network Interface				
5 x 10/100/1000 Base-T				
Max. WAN Ports				
4, 10/100/1000 Base-T				
CPU: Dual Cores, 1.3GHz				
RAM: 512MB				
Recommended Bandwidth from ISP: 1.2Gbps				
Dimension: 283 mm x 172 mm x 46 mm (without antennas)				
Power Supply: 100V~240V AC, 50/60Hz				
<b>POINT TO POINT WIRELESS ANTENNA</b>	10	pcs	5,040.00	50,400.00
Mechanical:				
Dimensions: 358 x 271.95 x 272.5 mm				
Material: Reflector (SGCC 0.6T), Plastic				
Mounting: Pole-mounting kit included				
Wind Survivability: 200 km/h (125 mph)				
Hardware:				
Networking: 1x Gigabit Ethernet port				
Power: Passive PoE (, adapter included)				
Power Consumption: Max 7W				
Gain: 23 dBi				
Processor: MIPS 74Kc				
Memory: 64 MB DDR2				
Channel Sizes:				
PtP: 10/20/30/40/50/60/80 MHz				
PtMP: 10/20/30/40 MHz				
<b>FUSION MACHINE</b>	1	pcs	43,080.00	43,080.00
Fiber alignment: Core/cladding alignment / Manual alignment				
Splicing time: 5S				
Heating time: 15S Automatic heating(Preheating)				
Construction Lighting: Built in high brightness, wide range of lights, easy to operate at night				
Screen: 5 inch TFT Display				
Focus mode: Six motors Auto focus				
Splice Loss:				
0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)				
Power:				
Input AC100-240V 50 / 60HZ, Output DC13.5V / 4.8A				
Applicable Fibers:				
SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.655)				
<b>OTHER SUPPLIES AND MATERIALS EXPENSES</b>				





<b>THERMAL PASTE</b>	6	pcs	850.00	5,100.00
Arctic Mx-4 Thermal Paste				
<b>WIFI DONGLE</b>	30	pcs	300.00	9,000.00
150Mbps Wireless N Nano USB Adapter				
<b>CABLE MANAGER</b>				
Rack Mounted 19 inches	8	pcs	240.00	1,920.00
<b>INDOOR UTP CABLE</b>				
CAT6 UTP	4	box	6,000.00	24,000.00
Ethernet LAN Network Cable 305M/Box				
<b>OUTDOOR UTP LAN CABLE</b>	3	roll	8,000.00	24,000.00
Category: Cat 6 Ethernet cable				
Cable Type: Unshielded Twisted Pair				
Color: Black				
Length: 305 meters (per roll).				
Physical and Technical Details:				
Conductor Size: 24 AWG				
Jacket Material: Durable PVC				
Data Transfer Speed: Up to 1 Gbps.				
Bandwidth Support: Up to 250 MHz.				
<b>DATA CABINET</b>	5	pcs	4,680.00	23,400.00
Wallmounted Data Cabinet				
Size: 6U/ 6-Layer/ 1FT Height				
Dimension: W600 x D450mm x H=1FT				
Removable Side Panels				
Single swing detachable front tempered glass door with keylock				
<b>LAN TESTER</b>	6	pcs	560.00	3,360.00
Key Functions:				
Tests UTP/STP, RJ45, RJ11 cables.				
Detects miswiring, open/short circuits				
, and cable disorders.				
Remote testing up to 1000 ft				
Tone signal detection for cables				
<b>ELECTRICAL TAPE</b>	15	pcs	60.00	900.00
Black 19mm x 16mm x 16m				
<b>SURGE PROTECTOR</b>	12	pcs	672.00	8,064.00
Multi-Stage Protection: Offers high protection for equipment.				
Fast Response: Built-in semiconductor				
Low Capacitance Design: Superior transmission performance.				







transmission distances.				
Lightning Protection: Prevents induced lightning surges and protects equipment from lightning strikes.				
Supports Non-Standard POE Switches:				
Compatible with various POE devices,				
<b>NAIL CLIP</b>	6	box	70.00	420.00
PVC Cable Clip Round 4mm (100Pcs)				
<b>NAIL CLIP</b>	6	box	70.00	420.00
PVC Cable Clip Round 6mm (100Pcs)				
<b>SPLICE TOOL KIT FIBER OPTIC</b>	3	set	1,800.00	5,400.00
Size of fiber cutter:61*64*55mm				
Suitable for bare fiber diameter: 125mm				
Applicable fiber core number: single core				
Applicable fiber coating diameter: 0.25 & 0.9mm				
Stripping length before fiber cutting:				
fiber cutting length +18mm or more				
Optical fiber cutter length:				
9-16mm (0.25mm) 10-16mm (0.9mm)				
Cutting angle representative value: ≤ 0.5°				
Blade life: 48000 core wire				
			Sub Total	<b>296,664.00</b>

### Sustainability Plan

To ensure the long-term sustainability of this project, regular maintenance and system updates will be implemented to keep the network operating efficiently. Continuous training programs will be conducted to enhance the skills of IT personnel in maintaining and troubleshooting the upgraded infrastructure. Furthermore, budget allocations will be made for future network expansion and upgrades to meet the evolving technological needs of the institution. The adoption of eco-friendly and energy-efficient technologies will also be prioritized to minimize the environmental impact of the university's digital infrastructure.

### Gender and Development (GAD)

This project will incorporate gender-sensitive approaches by ensuring equitable access to ICT resources for all gender groups. It will promote gender-sensitive ICT training programs and encourage women's participation in ICT-related fields, fostering inclusivity and diversity within the institution's technology sector.

This project is also aligned with the principles of Gender and Development (GAD) by ensuring equitable access to ICT resources for all university members. The initiative will directly benefit 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. By strengthening digital connectivity, the project will create an inclusive learning and working







environment where both students and faculty members can access online resources, administrative services, and communication platforms without barriers

The Gender and Development (GAD) attribution for this project is reflected in the time and resources allocated to maintaining a stable and inclusive digital infrastructure. Over a nine-month period, approximately one hour per day will be dedicated to network maintenance, ensuring that all students, faculty, and staff—regardless of gender—have equitable access to online learning platforms, research databases, and administrative services.

With a combined monthly salary of approximately ₱70,000 for IT personnel, and based on a standard 22-day work month, the estimated hourly cost of maintenance is ₱397.73. Over nine months, the total cost of dedicated maintenance efforts amounts to ₱78,028.20. This investment directly supports GAD initiatives by enabling uninterrupted and secure access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff, fostering a more inclusive and technology-driven academic environment.

## WORKPLAN/WAYS FORWARD

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.

## References

- Philippine Development Plan (PDP) 2023-2028
- Regional Development Plan (RDP) 2023-2028
- United Nations Sustainable Development Goals (UNSDG)
- Department of Information and Communications Technology (DICT) ICT Roadmap
- Mindoro State University Sex Disaggregated Data 2024

Prepared and submitted by:

  
**ERIC JOHN D. FORTU**  
Information Technology Officer I

Noted:

  
**JOHN EMMANUEL MERHAN**  
Women, Gender and Development Coordinator - MMC

Comment:

*No analysis statement conducted on gender gaps or inequalities and analysis of the development problem to recognize gender-based*







opportunities & constraints to ensure access to participation to the project.

Mary Ann M. Hernandez

MARY ANN M. HERNANDEZ

Director for Planning, Monitoring & Evaluation

Comment:

The project proposed is in accordance with the university mandate and other relevant local, regional/national and international plans, goals and targets.

Reviewed by:

☒ Passed

☐ For Revision

☐ Failed due to:

Christian B. Apostol

CHRISTIAN B. APOSTOL, PhD

Campus Executive Director

For DEPARTMENT use only

Recommending Approval:

☒ Approved

☐ Not Approved due

to:

Joelene C. Leynes

JOELENE C. LEYNES

VP for Administration & Finance

For endorsement to Academic/Admin Council

☐ Yes

☐ No

Approved:

ENYA MARIE D. APOSTOL, PhD

University President/

Chair, Academic & Administrative Council





Box P1. Summary checklist for the assessment of proposed projects

Element and item or guide question (col. 1)		Response (col. 2)			Score for the element/ item (col. 3)	Result or comment (col. 4)
		No (2a)	Partly yes* (2b)	Yes (2c)		
From Box 5 or department/sector-specific checklist						
1.0	<b>Involvement of women and men in project conceptualization and design (possible scores: 0,1.0, 2.0)</b> <i>Has the project conceptualization and design process included consultation with partners, including women's groups, on the problems or issues that the project needs to solve and on the development of the solution?</i>			2.0	2.0	no statement on current GAD-related issues or concern. Include it in project implementation and reporting
2.0	<b>Collection of sex-disaggregated data and gender-related information at the planning stage (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
3.0	<b>Conduct of gender analysis and identification of gender issues at the project identification stage</b>	0	0	0	0	
3.1	<i>Is there an analysis of gender gaps or inequalities? (possible scores: 0, 0.5,1.0)</i>	0				
3.2	<i>Does the analysis of the development problem recognize gender--based opportunities or constraints to women's access to or participation in the Project it will support? (possible scores: 0, 0.5, 1.0)</i>	0				
From box 6 or department/sector-specific checklist						
4.0	<b>Presence of Gender equality goals, Outcomes, and outputs (max. score: 2.0; for each item or question, 1.0)</b>	0	0	2.0	2.0	
4.1	<i>Do Project objectives address issues and concerns of women and men? (possible scores: 0, 0.5,1.0)</i>			1.0		
4.2	<i>Do the Project outcomes and outputs promote gender sensitivity or responsiveness among its contents/components (possible scores: 0, 0.5, 1.0)</i>			1.0		
5.0	<b>Presence of activities and interventions that match the gender issues identified to produce gender equality outputs and</b>			2.0	0.0	
6.0	<b>Gender analysis of the likely impact of the designed project (max score: 2; each item or question, 0.67)</b>	0	0.66	0.67	1.33	
6.1	<i>Are women and girls among the direct or indirect beneficiaries? (possible scores: 0,0.33,0,0.67)</i>			0.67		
6.2	<i>Has the project considered its long-term impact on women's socio-economic status and empowerment? (possible scores: 0,0.33,0,0.67)</i>		0.33			
6.3	<i>Has the project included strategies for avoiding or minimizing negative impact on women's status and welfare? (possible scores: 0,0.33,0,0.67)</i>		0.33			
7.0	<b>Presence of monitoring targets and indicators (possible scores: 0,1.0, 2.0)</b> <i>Does the project include gender equality targets and indicators to measure gender equality outputs and outcomes?</i>		1.0		1.0	
8.0	<b>Collection of sex-disaggregated data in the Monitoring and Evaluation plan (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
9.0	<b>Commitment of resources to address gender issues (max score: 2; each item or question, 1)</b>	0	0	2.0	2.0	
9.1	<i>Is the project's budget allotment sufficient for gender equality promotion or integration? OR, will the project tap counterpart funds from other partners/cooperators/collaborators for its GAD efforts? (possible scores: 0,0.5, 1.0)</i>			1.0		
9.2	<i>Does the project have the expertise in promoting gender equality and women's empowerment? OR, does the project commit itself to investing project staff time in building capacities within the project to integrate GAD or promote gender equality? (possible scores: 0,0.5,1.0)</i>			1.0		
10.0	<b>Connection of the project to the University's GAD efforts (max score: 2; for each item or question, 0.67)</b>	0	0.33	1.34	1.67	
10.1	<i>Will the Project build on or strengthen the University's commitment to the advancement of women? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.2	<i>Will the Project build on the initiatives or actions of other organizations nearby the University? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.3	<i>Does the Project have an exit plan that will ensure the sustainability of GAD efforts and benefits? (possible scores: 0, 0.33,0.67)</i>		0.33			
TOTAL GAD SCORE FOR THE PROJECT PROPOSAL (Add the scores for each of the eight elements.)					14.0	Proposed project is gender-sensitive (The Project passes the GAD test).

\*As evident from the scores in Boxes 5 and 6 and the department/sector-specific checklist, the summary score for partly yes to an element or requirement may be any po

Gender-responsive Projects are those that substantively address gender issues identified through a gender analysis of sex-disaggregated data and gender-related information, or that successfully promote gender responsiveness among their funded projects.

Gender-sensitive Projects are those that recognize and acknowledge differences in roles, needs, and perspectives of women and men, possible asymmetries in their relationship, and the possibility that actions or interventions will have different effects on and results for women and men based on their gender, but do not

Interpretation of the GAD score	
0-3.9	GAD is invisible in the project (needs GAD technical assistance).
4.0-7.9	Proposed Project has promising GAD prospects (proposal earning a "conditional pass," pending identification of gender issue/s and strategies and activities to address these, and inclusion of the collection of sex-disaggregated data in the
8.0-14.9	Proposed project is gender-sensitive (The Project passes the GAD test).
15.0-20.0	Proposed Project is gender-responsive (the Proponent to be commended).





## PROJECT PROPOSAL SUMMARY SHEET

### General Instruction

1. Submit 4 copies of the Accomplished Form of Project Proposal through PME Office.
2. Use separate sheets or add additional row/paragraphs when needed following appropriate sequence of items.
3. Refer to Definition of Terms for guidance.
4. For proposal with more than one proponent, sign your initials under the Main Proponent's Signature
5. Fill all applicable information. For item Not Applicable, put "N/A"
6. Items with asterisk (\*) are required

Mindoro State University  
**RECEIVED**  
RECORDS OFFICE

### SUMMARY: PROJECT PROFILE

BY: \_\_\_\_\_  
DATE: 2/20/25  
TIME: 1:58  
CONTROL #: 294

#### A. \*Program Title (if any):

\*Project/Activity Title: **REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE**

#### B. \*Proponent(s):

Activity/Project Leader: **ERIC JOHN D. FORTU** Sex: **MALE**

Co-Project/Study Leader (if any): \_\_\_\_\_

Project/Study Staff/Members (if any): **REAN T. GOLOY**

\*Department: **ADMIN. AND FINANCE** College/Institute: Choose an item.

\*Unit: **MIS** \*Campus: **VICTORIA (MAIN)**

\*Program/Activity/Project Duration (in months): **12 months**

Start Date: **03/03/2025**

End Date: **03/03/2026**

#### C. \*Implementing Agency:

Name: Mindoro State University

Address (Base Station): Alcate, Victoria, Oriental Mindoro

Other Implementation Site (if any): \_\_\_\_\_

#### D. \*Cooperating Agency/ies (if any):

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

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

Contact (if any): \_\_\_\_\_

#### E. \*SITE(S) OF IMPLEMENTATION

IMPLEMENTATION SITES NO.	REGION	PROVINCE	DISTRICT	MUNICIPALITY	BARANGAY	SITIO
1.	IV-B	Oriental Mindoro		Victoria	Alcate	
2.						
3.						
4.						
5.						

#### F. \*TYPE OF PROGRAM / PROJECT / ACTIVITY:

- ☐ Research ☐ Academic  
☐ Extension or ☐ Outreach  
☐ Capacity/Capability Building  
☒ Others (pls. specify): **Both Academic and Administrative**

#### K. \*SUSTAINABLE DEVELOPMENT GOALS (check all applicable)

#### G. \*MANDATES & THRUSTS

- ☒ MinSU Mandate  
☒ National  
☒ Regional & Local Development Agenda

#### H. \*GAD Score: 16.0 14.0

#### I. GAD Budget Allocations : ₱78,028.20

#### J. \*No. of SDG aimed to Address:3



*[Signature]*







- A. **\*Executive Summary-** Mindoro State University recognizes the critical role of a robust network infrastructure in supporting academic and administrative functions. As digital learning, cloud-based applications, and remote access solutions become more prevalent, the institution aims to upgrade and maintain its network infrastructure to ensure seamless connectivity, enhanced security, and efficient operations.

This initiative addresses the challenges of aging network components, rising cybersecurity risks, and increasing scalability demands by procuring modern ICT equipment and maintenance services. Upgrading the network will future-proof the university's digital infrastructure, reduce long-term maintenance costs, and align with industry standards.

The project's key objectives include replacing defective network devices, restoring stable connectivity across the campus, and enhancing network resilience. Additionally, it prioritizes equitable access to digital resources for over 11,000 students and 590 faculty and staff, ensuring inclusive participation in ICT-driven academic and administrative activities. Through this investment, Mindoro State University reaffirms its commitment to technological advancement, sustainability, and academic excellence.

- B. **\*Sustainable Development Goal/s (SDG) Addressed (brief statement on how the program/activity/project addresses the SDGs:**

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

- C. **\*Total Project Cost: Php 296, 664**

*Source of Funds	PS	MOOE	CO	Total
STF-Beginning (Administrative Services)		Php 296,664.00		Php 296,664.00
<b>Total</b>				Php 296,664.00

- D. **\*Ways Forward**

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.







## PROJECT PROPOSAL

Title: REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE

Implementing Agency : **MINDORO STATE UNIVERSITY – Main Campus**

Alcate, Victoria, Oriental Mindoro

Head of Agency: **ENYA MARIE D. APOSTOL, Ph.D.**  
SUC President III

Contact Person: **JOELENE C. LEYNES**  
Vice President for Administration and Finance

**ERIC JOHN D. FORTU**  
Information Technology Officer

Total Project Cost: **₱ 296,664.00**

Duration : 1 year

Sources of Fund: Special Trust Fund – Administrative Services

## PROJECT DESCRIPTION

### Introduction

Network infrastructure refers to the essential hardware, software, and connectivity components that enable seamless communication, data exchange, and access to digital resources within an organization. It includes routers, switches, access points, cabling, and security protocols that ensure a stable and efficient digital environment. In a university setting, network infrastructure plays a crucial role in both academic and administrative services by providing reliable internet connectivity, supporting online learning platforms, facilitating research activities, and enabling secure data management for student records, faculty communications, and institutional operations. A well-maintained network infrastructure enhances productivity, promotes digital transformation, and ensures that all stakeholders have equitable access to information and services.

At Mindoro State University, the demand for a robust and resilient network infrastructure continues to grow as the institution embraces digital learning, cloud-based applications, and remote access solutions. By upgrading and maintaining the network infrastructure, the university aims to provide an efficient and secure IT environment that supports academic excellence, streamlines administrative processes, and enhances overall institutional performance. This initiative aligns with the university's commitment to technological advancement and sustainable development in education.

### Rationale

The Mindoro State University's reliance on strong ICT infrastructure is critical for ensuring the seamless delivery of services and operations in today's technology-driven environment. However, aging network components, increased cybersecurity risks, and growing demands for scalability pose significant challenges to maintaining a reliable and efficient network. This procurement initiative addresses these issues by acquiring modern ICT solutions and maintenance services to optimize network performance, enhance security, and minimize downtime.

By investing in upgraded infrastructure, the organization aims to future-proof its network to meet the demands of emerging technologies and expanding operations. This initiative will not only ensure compliance with industry standards but also improve overall efficiency, reduce long-term







maintenance costs, and support the organization's mission to deliver uninterrupted, high-quality services.

## Objectives

**General:** This project generally aims to enhance the institution's network infrastructure through the rehabilitation and maintenance of aging network infrastructures and procurement of necessary ICT equipment.

### Specific:

Specifically it aims to:

1. Replace defective network devices, including routers, access points, and switches, with modern, reliable equipment.
2. Restore stable network connectivity across the campus, ensuring access to online resources for academic and administrative use.
3. Enhance the campus's network infrastructure to meet future demands and improve resilience against potential disruptions.
4. Ensure that the improved network infrastructure addresses Gender and Development (GAD) concerns by providing equitable access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. The initiative will promote inclusive participation in ICT-driven academic and administrative functions, supporting a gender-balanced and technologically empowered institution.

## Methodology

To achieve these objectives, the project will begin with a thorough needs assessment to evaluate the current network infrastructure and identify areas requiring improvement. The procurement process will then be conducted to acquire high-quality ICT equipment through a transparent and competitive bidding process. Once the necessary equipment has been procured, installation and configuration will take place to ensure optimal network performance. Following implementation, system diagnostics and stress tests will be conducted to validate the effectiveness of the upgrades. Additionally, training and capacity-building sessions will be provided for IT staff to ensure proper maintenance and troubleshooting of the new infrastructure. Lastly, a monitoring and evaluation framework in coordination with the Planning, Monitoring and Evaluation (PME) office and University's Women, Gender and Development (WGAD) office will be established to assess and evaluate the efficiency of the upgraded network over time.

## Expected Outputs & Outcomes

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

### Potential Outcomes:

The anticipated outcomes of this project include enhanced network security and minimized cyber threats, improved operational efficiency with reduced downtime, and increased productivity for







faculty, staff, and students. Additionally, the upgraded infrastructure is expected to strengthen the university's capacity for online learning and digital resource management, ensuring a seamless academic experience for all stakeholders.

Potential Impacts (PIs):

This project will have significant social, economic, and environmental impacts. Socially, it will create a more inclusive digital environment, allowing faculty, staff, and students to access reliable online learning, research, and administrative resources. The improved network will facilitate better communication and collaboration, fostering an innovative academic community. Economically, the project will enhance institutional efficiency, reducing operational costs associated with network downtimes and inefficiencies. By ensuring uninterrupted digital services, the university can optimize resource allocation and improve service delivery. Environmentally, the adoption of energy-efficient and eco-friendly network solutions will contribute to sustainable practices, minimizing energy consumption and reducing the carbon footprint of the university's ICT infrastructure.

Target Beneficiaries:

The primary beneficiaries of this project include university faculty, staff, and students who rely on stable network connectivity for their academic and administrative activities. IT personnel responsible for network maintenance will also benefit from improved infrastructure, enabling them to provide better support and troubleshooting services. Additionally, institutional stakeholders requiring stable digital communication will experience significant advantages from the improved network environment.

Product Features and Technical Specifications

Product Description	Qty	Unit	Unit Cost	Total Price
<b>SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES</b>				
<b>UNINTERRUPTIBLE POWER SUPPLY</b>	6	pcs	8,700.00	52,200.00
Input Voltage 230VAC				
Frequency 50hz – 60hz (auto sensing)				
Voltage Range 140 - 300VAC				
Capacity VA/Wattage 4KVA/2800W				
Transfer Time 4 – 8 ms (typical)				
Power Cord Length 1.2meter				
Outlet Socket back-up x8, total of 8 sockets				
Back up time 6 – 30mins depending on computer load				
<b>WIRELESS ROUTER</b>	5	pcs	9,000.00	45,000.00
Wireless Protocol				
Wi-Fi 6, 2976Mbps				
Antenna				
5 External 5 dBi Antennas				
Max/Recommended Clients (Wi-Fi)				
160/80				
Recommended Total Clients (LAN+Wi-Fi)				
160				
MIMO				







2x2 @2.4 GHz, 2x2 @5 GHz				
Network Interface				
5 x 10/100/1000 Base-T				
Max. WAN Ports				
4, 10/100/1000 Base-T				
CPU: Dual Cores, 1.3GHz				
RAM: 512MB				
Recommended Bandwidth from ISP: 1.2Gbps				
Dimension: 283 mm x 172 mm x 46 mm (without antennas)				
Power Supply: 100V~240V AC, 50/60Hz				
<b>POINT TO POINT WIRELESS ANTENNA</b>	10	pcs	5,040.00	50,400.00
Mechanical:				
Dimensions: 358 x 271.95 x 272.5 mm				
Material: Reflector (SGCC 0.6T), Plastic				
Mounting: Pole-mounting kit included				
Wind Survivability: 200 km/h (125 mph)				
Hardware:				
Networking: 1x Gigabit Ethernet port				
Power: Passive PoE (, adapter included)				
Power Consumption: Max 7W				
Gain: 23 dBi				
Processor: MIPS 74Kc				
Memory: 64 MB DDR2				
Channel Sizes:				
PtP: 10/20/30/40/50/60/80 MHz				
PtMP: 10/20/30/40 MHz				
<b>FUSION MACHINE</b>	1	pcs	43,080.00	43,080.00
Fiber alignment: Core/cladding alignment / Manual alignment				
Splicing time: 5S				
Heating time: 15S Automatic heating(Preheating)				
Construction Lighting: Built in high brightness, wide range of lights, easy to operate at night				
Screen: 5 inch TFT Display				
Focus mode: Six motors Auto focus				
Splice Loss:				
0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)				
Power:				
Input AC100-240V 50 / 60HZ, Output DC13.5V / 4.8A				
Applicable Fibers:				
SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.655)				
<b>OTHER SUPPLIES AND MATERIALS EXPENSES</b>				





<b>THERMAL PASTE</b>	6	pcs	850.00	5,100.00
Arctic Mx-4 Thermal Paste				
<b>WIFI DONGLE</b>	30	pcs	300.00	9,000.00
150Mbps Wireless N Nano USB Adapter				
<b>CABLE MANAGER</b>				
Rack Mounted 19 inches	8	pcs	240.00	1,920.00
<b>INDOOR UTP CABLE</b>				
CAT6 UTP	4	box	6,000.00	24,000.00
Ethernet LAN Network Cable 305M/Box				
<b>OUTDOOR UTP LAN CABLE</b>	3	roll	8,000.00	24,000.00
Category: Cat 6 Ethernet cable				
Cable Type: Unshielded Twisted Pair				
Color: Black				
Length: 305 meters (per roll).				
Physical and Technical Details:				
Conductor Size: 24 AWG				
Jacket Material: Durable PVC				
Data Transfer Speed: Up to 1 Gbps.				
Bandwidth Support: Up to 250 MHz.				
<b>DATA CABINET</b>	5	pcs	4,680.00	23,400.00
Wallmounted Data Cabinet				
Size: 6U/ 6-Layer/ 1FT Height				
Dimension: W600 x D450mm x H=1FT				
Removable Side Panels				
Single swing detachable front tempered glass door with keylock				
<b>LAN TESTER</b>	6	pcs	560.00	3,360.00
Key Functions:				
Tests UTP/STP, RJ45, RJ11 cables.				
Detects miswiring, open/short circuits				
, and cable disorders.				
Remote testing up to 1000 ft				
Tone signal detection for cables				
<b>ELECTRICAL TAPE</b>	15	pcs	60.00	900.00
Black 19mm × 16mm × 16m				
<b>SURGE PROTECTOR</b>	12	pcs	672.00	8,064.00
Multi-Stage Protection: Offers high protection for equipment.				
Fast Response: Built-in semiconductor				
Low Capacitance Design: Superior transmission performance.				

*Signature*





transmission distances.				
Lightning Protection: Prevents induced lightning surges and protects equipment from lightning strikes.				
Supports Non-Standard POE Switches:				
Compatible with various POE devices,				
NAIL CLIP	6	box	70.00	420.00
PVC Cable Clip Round 4mm (100Pcs)				
NAIL CLIP	6	box	70.00	420.00
PVC Cable Clip Round 6mm (100Pcs)				
SPLICE TOOL KIT FIBER OPTIC	3	set	1,800.00	5,400.00
Size of fiber cutter:61*64*55mm				
Suitable for bare fiber diameter: 125mm				
Applicable fiber core number: single core				
Applicable fiber coating diameter: 0.25 & 0.9mm				
Stripping length before fiber cutting:				
fiber cutting length +18mm or more				
Optical fiber cutter length:				
9-16mm (0.25mm) 10-16mm (0.9mm)				
Cutting angle representative value: ≤ 0.5°				
Blade life: 48000 core wire				
			Sub Total	296,664.00

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for

### Sustainability Plan

To ensure the long-term sustainability of this project, regular maintenance and system updates will be implemented to keep the network operating efficiently. Continuous training programs will be conducted to enhance the skills of IT personnel in maintaining and troubleshooting the upgraded infrastructure. Furthermore, budget allocations will be made for future network expansion and upgrades to meet the evolving technological needs of the institution. The adoption of eco-friendly and energy-efficient technologies will also be prioritized to minimize the environmental impact of the university's digital infrastructure.

### Gender and Development (GAD)

This project will incorporate gender-sensitive approaches by ensuring equitable access to ICT resources for all gender groups. It will promote gender-sensitive ICT training programs and encourage women's participation in ICT-related fields, fostering inclusivity and diversity within the institution's technology sector.

This project is also aligned with the principles of Gender and Development (GAD) by ensuring equitable access to ICT resources for all university members. The initiative will directly benefit 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. By strengthening digital connectivity, the project will create an inclusive learning and working

for







environment where both students and faculty members can access online resources, administrative services, and communication platforms without barriers

The Gender and Development (GAD) attribution for this project is reflected in the time and resources allocated to maintaining a stable and inclusive digital infrastructure. Over a nine-month period, approximately one hour per day will be dedicated to network maintenance, ensuring that all students, faculty, and staff—regardless of gender—have equitable access to online learning platforms, research databases, and administrative services.

With a combined monthly salary of approximately ₱70,000 for IT personnel, and based on a standard 22-day work month, the estimated hourly cost of maintenance is ₱397.73. Over nine months, the total cost of dedicated maintenance efforts amounts to ₱78,028.20. This investment directly supports GAD initiatives by enabling uninterrupted and secure access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff, fostering a more inclusive and technology-driven academic environment.

## WORKPLAN/WAYS FORWARD

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.

## References

- Philippine Development Plan (PDP) 2023-2028
- Regional Development Plan (RDP) 2023-2028
- United Nations Sustainable Development Goals (UNSDG)
- Department of Information and Communications Technology (DICT) ICT Roadmap
- Mindoro State University Sex Disaggregated Data 2024

Prepared and submitted by:

  
**ERIC JOHN D. FORTU**  
Information Technology Officer I

Noted:

  
**JOHN EMMANUEL MERHAN**  
Women, Gender and Development Coordinator - MMC

Comment:

*No gender gap and a qualitative statement/conducted and analysis of development of the problem for a more gender-based opportunities or else*







fruits to various participants in the project. consider addressing it during the proj. implementation

Mary Ann M. Hernandez

MARY ANN M. HERNANDEZ

Director for Planning, Monitoring & Evaluation

Comment:

the project proposal is in accordance with the university's mandates and other relevant local and national plans, goals and targets

Reviewed by:

☒ Passed

☐ For Revision

☐ Failed due to:

Christian B. Apostol

CHRISTIAN B. APOSTOL, PhD

Campus Executive Director

For DEPARTMENT use only

Recommending Approval:

☒ Approved

☐ Not Approved due

to:

Joelene C. Leynes

JOELENE C. LEYNES  
VP for Administration & Finance

For endorsement to Academic/Admin Council

☐ Yes

☐ No

Approved:

ENYA MARIE D. APOSTOL, PhD

University President/

Chair, Academic & Administrative Council





Box P1. Summary checklist for the assessment of proposed projects

Element and item or guide question (col. 1)		Response (col. 2)			Score for the element/ item (col. 3)	Result or comment (col. 4)
		No (2a)	Partly yes* (2b)	Yes (2c)		
From Box 5 or department/sector-specific checklist						
1.0	<b>Involvement of women and men in project conceptualization and design (possible scores: 0,1.0, 2.0)</b> <i>Has the project conceptualization and design process included consultation with partners, including women's groups, on the problems or issues that the project needs to solve and on the development of the solution?</i>			2.0	2.0	no statement on current GAD-related issues or concern. Include it in project implementation and reporting
2.0	<b>Collection of sex-disaggregated data and gender-related information at the planning stage (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
3.0	<b>Conduct of gender analysis and identification of gender issues at the project identification stage</b>	0	0	0	0	
3.1	<i>Is there an analysis of gender gaps or inequalities? (possible scores: 0, 0.5,1.0)</i>	0				
3.2	<i>Does the analysis of the development problem recognize gender-based opportunities or constraints to women's access to or participation in the Project it will support? (possible scores: 0, 0.5, 1.0)</i>	0				
From box 6 or department/sector-specific checklist						
4.0	<b>Presence of Gender equality goals, Outcomes, and outputs (max. score: 2.0; for each item or question, 1.0)</b>	0	0	2.0	2.0	
4.1	<i>Do Project objectives address issues and concerns of women and men? (possible scores: 0, 0.5,1.0)</i>			1.0		
4.2	<i>Do the Project outcomes and outputs promote gender sensitivity or responsiveness among its contents/components (possible scores: 0, 0.5, 1.0)</i>			1.0		
5.0	<b>Presence of activities and interventions that match the gender issues identified to produce gender equality outputs and</b>			2.0	0.0	
6.0	<b>Gender analysis of the likely impact of the designed project (max score: 2; each item or question, 0.67)</b>	0	0.66	0.67	1.33	
6.1	<i>Are women and girls among the direct or indirect beneficiaries? (possible scores: 0,0.33,0,0.67)</i>			0.67		
6.2	<i>Has the project considered its long-term impact on women's socio-economic status and empowerment? (possible scores: 0,0.33,0,0.67)</i>		0.33			
6.3	<i>Has the project included strategies for avoiding or minimizing negative impact on women's status and welfare? (possible scores: 0,0.33,0,0.67)</i>		0.33			
7.0	<b>Presence of monitoring targets and indicators (possible scores: 0,1.0, 2.0)</b> <i>Does the project include gender equality targets and indicators to measure gender equality outputs and outcomes?</i>		1.0		1.0	
8.0	<b>Collection of sex-disaggregated data in the Monitoring and Evaluation plan (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
9.0	<b>Commitment of resources to address gender issues (max score: 2; each item or question, 1)</b>	0	0	2.0	2.0	
9.1	<i>Is the project's budget allotment sufficient for gender equality promotion or integration? OR, will the project tap counterpart funds from other partners/cooperators/collaborators for its GAD efforts? (possible scores: 0,0.5, 1.0)</i>			1.0		
9.2	<i>Does the project have the expertise in promoting gender equality and women's empowerment? OR, does the project commit itself to investing project staff time in building capacities within the project to integrate GAD or promote gender equality? (possible scores: 0,0.5,1.0)</i>			1.0		
10.0	<b>Connection of the project to the University's GAD efforts (max score: 2; for each item or question, 0.67)</b>	0	0.33	1.34	1.67	
10.1	<i>Will the Project build on or strengthen the University's commitment to the advancement of women? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.2	<i>Will the Project build on the initiatives or actions of other organizations nearby the University? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.3	<i>Does the Project have an exit plan that will ensure the sustainability of GAD efforts and benefits? (possible scores: 0, 0.33,0.67)</i>		0.33			
TOTAL GAD SCORE FOR THE PROJECT PROPOSAL (Add the scores for each of the eight elements.)					14.0	Proposed project is gender-sensitive (The Project passes the GAD test).

\*As evident from the scores in Boxes 5 and 6 and the department/sector-specific checklist, the summary score for partly yes to an element or requirement may be any po

Gender-responsive Projects are those that substantively address gender issues identified through a gender analysis of sex-disaggregated data and gender-related information, or that successfully promote gender responsiveness among their funded projects.

Gender-sensitive Projects are those that recognize and acknowledge differences in roles, needs, and perspectives of women and men, possible asymmetries in their relationship, and the possibility that actions or interventions will have different effects on and results for women and men based on their gender, but do not

Interpretation of the GAD score	
0-3.9	GAD is invisible in the project (needs GAD technical assistance).
4.0-7.9	Proposed Project has promising GAD prospects (proposal earning a "conditional pass," pending identification of gender issue/s and strategies and activities to address these, and inclusion of the collection of sex-disaggregated data in the
8.0-14.9	Proposed project is gender-sensitive (The Project passes the GAD test).
15.0-20.0	Proposed Project is gender-responsive (the Proponent to be commended).





## PROJECT PROPOSAL SUMMARY SHEET

### General Instruction

1. Submit 4 copies of the Accomplished Form of Project Proposal through PME Office.
2. Use separate sheets or add additional row/paragraphs when needed following appropriate sequence of items.
3. Refer to Definition of Terms for guidance.
4. For proposal with more than one proponent, sign your initials under the Main Proponent's Signature
5. Fill all applicable information. For item Not Applicable, put "N/A"
6. Items with asterisk (\*) are required

Mindoro State University

RECEIVED  
RECORDS OFFICE

### SUMMARY: PROJECT PROFILE

BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_  
CONTROL #: \_\_\_\_\_

#### A. \*Program Title (if any):

\*Project/Activity Title: REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE

#### B. \*Proponent(s):

Activity/Project Leader: ERIC JOHN D. FORTU Sex: MALE

Co-Project/Study Leader (if any): \_\_\_\_\_

Project/Study Staff/Members (if any): REAN T. GOLOY

\*Department: ADMIN. AND FINANCE College/Institute: Choose an item.

\*Unit: MIS \*Campus: VICTORIA (MAIN)

\*Program/Activity/Project Duration (in months): 12 months

Start Date: 03/03/2025

End Date: 03/03/2026

#### C. \*Implementing Agency:

Name: Mindoro State University

Address (Base Station): Alcate, Victoria, Oriental Mindoro

Other Implementation Site (if any): \_\_\_\_\_

#### D. \*Cooperating Agency/ies (if any):

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

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

Contact (if any): \_\_\_\_\_

#### E. \*SITE(S) OF IMPLEMENTATION

IMPLEMENTATION SITES NO.	REGION	PROVINCE	DISTRICT	MUNICIPALITY	BARANGAY	SITIO
1.	IV-B	Oriental Mindoro		Victoria	Alcate	
2.						
3.						
4.						
5.						

#### F. \*TYPE OF PROGRAM / PROJECT / ACTIVITY:

- ☐ Research ☐ Academic  
☐ Extension or ☐ Outreach  
☐ Capacity/Capability Building  
☒ Others (pls. specify): Both Academic and Administrative

#### G. \*MANDATES & THRUSTS

- ☒ MinSU Mandate  
☒ National  
☒ Regional & Local Development Agenda

H. \*GAD Score: 16.0

I. GAD Budget Allocations : ₱78,028.20

J. \*No. of SDG aimed to Address:3

#### K. \*SUSTAINABLE DEVELOPMENT GOALS (check all applicable)



Signature







- A. **\*Executive Summary-** Mindoro State University recognizes the critical role of a robust network infrastructure in supporting academic and administrative functions. As digital learning, cloud-based applications, and remote access solutions become more prevalent, the institution aims to upgrade and maintain its network infrastructure to ensure seamless connectivity, enhanced security, and efficient operations.

This initiative addresses the challenges of aging network components, rising cybersecurity risks, and increasing scalability demands by procuring modern ICT equipment and maintenance services. Upgrading the network will future-proof the university's digital infrastructure, reduce long-term maintenance costs, and align with industry standards.

The project's key objectives include replacing defective network devices, restoring stable connectivity across the campus, and enhancing network resilience. Additionally, it prioritizes equitable access to digital resources for over 11,000 students and 590 faculty and staff, ensuring inclusive participation in ICT-driven academic and administrative activities. Through this investment, Mindoro State University reaffirms its commitment to technological advancement, sustainability, and academic excellence.

- B. **\*Sustainable Development Goal/s (SDG) Addressed (brief statement on how the program/activity/project addresses the SDGs:**

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

- C. **\*Total Project Cost: Php 296, 664**

*Source of Funds	PS	MOOE	CO	Total
STF-Beginning (Administrative Services)		Php 296,664.00		Php 296,664.00
Total				Php 296,664.00

- D. **\*Ways Forward**

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.





## PROJECT PROPOSAL

Title: REPAIR/ REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURE

Implementing Agency : **MINDORO STATE UNIVERSITY – Main Campus**

Alcate, Victoria, Oriental Mindoro

Head of Agency: **ENYA MARIE D. APOSTOL, Ph.D.**  
SUC President III

Contact Person: **JOELENE C. LEYNES**  
Vice President for Administration and Finance

**ERIC JOHN D. FORTU**  
Information Technology Officer

Total Project Cost: **₱ 296,664.00**

Duration : 1 year

Sources of Fund: Special Trust Fund – Administrative Services

## PROJECT DESCRIPTION

### Introduction

Network infrastructure refers to the essential hardware, software, and connectivity components that enable seamless communication, data exchange, and access to digital resources within an organization. It includes routers, switches, access points, cabling, and security protocols that ensure a stable and efficient digital environment. In a university setting, network infrastructure plays a crucial role in both academic and administrative services by providing reliable internet connectivity, supporting online learning platforms, facilitating research activities, and enabling secure data management for student records, faculty communications, and institutional operations. A well-maintained network infrastructure enhances productivity, promotes digital transformation, and ensures that all stakeholders have equitable access to information and services.

At Mindoro State University, the demand for a robust and resilient network infrastructure continues to grow as the institution embraces digital learning, cloud-based applications, and remote access solutions. By upgrading and maintaining the network infrastructure, the university aims to provide an efficient and secure IT environment that supports academic excellence, streamlines administrative processes, and enhances overall institutional performance. This initiative aligns with the university's commitment to technological advancement and sustainable development in education.

### Rationale

The Mindoro State University's reliance on strong ICT infrastructure is critical for ensuring the seamless delivery of services and operations in today's technology-driven environment. However, aging network components, increased cybersecurity risks, and growing demands for scalability pose significant challenges to maintaining a reliable and efficient network. This procurement initiative addresses these issues by acquiring modern ICT solutions and maintenance services to optimize network performance, enhance security, and minimize downtime.

By investing in upgraded infrastructure, the organization aims to future-proof its network to meet the demands of emerging technologies and expanding operations. This initiative will not only ensure compliance with industry standards but also improve overall efficiency, reduce long-term







maintenance costs, and support the organization's mission to deliver uninterrupted, high-quality services.

## Objectives

**General:** This project generally aims to enhance the institution's network infrastructure through the rehabilitation and maintenance of aging network infrastructures and procurement of necessary ICT equipment.

### Specific:

Specifically it aims to:

1. Replace defective network devices, including routers, access points, and switches, with modern, reliable equipment.
2. Restore stable network connectivity across the campus, ensuring access to online resources for academic and administrative use.
3. Enhance the campus's network infrastructure to meet future demands and improve resilience against potential disruptions.
4. Ensure that the improved network infrastructure addresses Gender and Development (GAD) concerns by providing equitable access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. The initiative will promote inclusive participation in ICT-driven academic and administrative functions, supporting a gender-balanced and technologically empowered institution.

## Methodology

To achieve these objectives, the project will begin with a thorough needs assessment to evaluate the current network infrastructure and identify areas requiring improvement. The procurement process will then be conducted to acquire high-quality ICT equipment through a transparent and competitive bidding process. Once the necessary equipment has been procured, installation and configuration will take place to ensure optimal network performance. Following implementation, system diagnostics and stress tests will be conducted to validate the effectiveness of the upgrades. Additionally, training and capacity-building sessions will be provided for IT staff to ensure proper maintenance and troubleshooting of the new infrastructure. Lastly, a monitoring and evaluation framework in coordination with the Planning, Monitoring and Evaluation (PME) office and University's Women, Gender and Development (WGAD) office will be established to assess and evaluate the efficiency of the upgraded network over time.

## Expected Outputs & Outcomes

The expected outputs of this project include fully restored network connectivity across all affected campus areas, buildings and offices improved network performance with upgraded and reliable devices, and an enhanced IT infrastructure that is prepared to meet the institution's future needs. In terms of broader outcomes, the project contributes to the Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure), SDG 5 (Gender Equality) and SDG 4 (Quality Education) by fostering a resilient ICT ecosystem. Furthermore, it aligns with the Philippine Development Plan (PDP) and Regional Development Plan (RDP) by strengthening digital transformation initiatives and infrastructure development goals. The project also supports the university's mandate by enhancing its ICT capacity, which is essential for effective teaching, research, and administrative functions.

### Potential Outcomes:

The anticipated outcomes of this project include enhanced network security and minimized cyber threats, improved operational efficiency with reduced downtime, and increased productivity for







faculty, staff, and students. Additionally, the upgraded infrastructure is expected to strengthen the university's capacity for online learning and digital resource management, ensuring a seamless academic experience for all stakeholders.

#### Potential Impacts (PIs):

This project will have significant social, economic, and environmental impacts. Socially, it will create a more inclusive digital environment, allowing faculty, staff, and students to access reliable online learning, research, and administrative resources. The improved network will facilitate better communication and collaboration, fostering an innovative academic community. Economically, the project will enhance institutional efficiency, reducing operational costs associated with network downtimes and inefficiencies. By ensuring uninterrupted digital services, the university can optimize resource allocation and improve service delivery. Environmentally, the adoption of energy-efficient and eco-friendly network solutions will contribute to sustainable practices, minimizing energy consumption and reducing the carbon footprint of the university's ICT infrastructure.

#### Target Beneficiaries:

The primary beneficiaries of this project include university faculty, staff, and students who rely on stable network connectivity for their academic and administrative activities. IT personnel responsible for network maintenance will also benefit from improved infrastructure, enabling them to provide better support and troubleshooting services. Additionally, institutional stakeholders requiring stable digital communication will experience significant advantages from the improved network environment.

#### Product Features and Technical Specifications

Product Description	Qty	Unit	Unit Cost	Total Price
<b>SEMI-EXPENDABLE ICT EQUIPMENT EXPENSES</b>				
<b>UNINTERRUPTIBLE POWER SUPPLY</b>	6	pcs	8,700.00	52,200.00
Input Voltage 230VAC				
Frequency 50hz – 60hz (auto sensing)				
Voltage Range 140 - 300VAC				
Capacity VA/Wattage 4KVA/2800W				
Transfer Time 4 – 8 ms (typical)				
Power Cord Length 1.2meter				
Outlet Socket back-up x8, total of 8 sockets				
Back up time 6 – 30mins depending on computer load				
<b>WIRELESS ROUTER</b>	5	pcs	9,000.00	45,000.00
Wireless Protocol				
Wi-Fi 6, 2976Mbps				
Antenna				
5 External 5 dBi Antennas				
Max/Recommended Clients (Wi-Fi)				
160/80				
Recommended Total Clients (LAN+Wi-Fi)				
160				
MIMO				





2x2 @2.4 GHz, 2x2 @5 GHz				
Network Interface				
5 x 10/100/1000 Base-T				
Max. WAN Ports				
4, 10/100/1000 Base-T				
CPU: Dual Cores, 1.3GHz				
RAM: 512MB				
Recommended Bandwidth from ISP: 1.2Gbps				
Dimension: 283 mm x 172 mm x 46 mm (without antennas)				
Power Supply: 100V~240V AC, 50/60Hz				
<b>POINT TO POINT WIRELESS ANTENNA</b>	10	pcs	5,040.00	50,400.00
Mechanical:				
Dimensions: 358 x 271.95 x 272.5 mm				
Material: Reflector (SGCC 0.6T), Plastic				
Mounting: Pole-mounting kit included				
Wind Survivability: 200 km/h (125 mph)				
Hardware:				
Networking: 1x Gigabit Ethernet port				
Power: Passive PoE (, adapter included)				
Power Consumption: Max 7W				
Gain: 23 dBi				
Processor: MIPS 74Kc				
Memory: 64 MB DDR2				
Channel Sizes:				
PtP: 10/20/30/40/50/60/80 MHz				
PtMP: 10/20/30/40 MHz				
<b>FUSION MACHINE</b>	1	pcs	43,080.00	43,080.00
Fiber alignment: Core/cladding alignment / Manual alignment				
Splicing time: 5S				
Heating time: 15S Automatic heating(Preheating)				
Construction Lighting: Built in high brightness, wide range of lights, easy to operate at night				
Screen: 5 inch TFT Display				
Focus mode: Six motors Auto focus				
Splice Loss:				
0.025dB (SM), 0.01dB(MM) 0.04dB (DS/NZDS)				
Power:				
Input AC100-240V 50 / 60HZ, Output DC13.5V / 4.8A				
Applicable Fibers:				
SM(G.652&G.657);MM(G.651);DS(G.657);NZDS(G.655)				
<b>OTHER SUPPLIES AND MATERIALS EXPENSES</b>				





<b>THERMAL PASTE</b>	6	pcs	850.00	5,100.00
Arctic Mx-4 Thermal Paste				
<b>WIFI DONGLE</b>	30	pcs	300.00	9,000.00
150Mbps Wireless N Nano USB Adapter				
<b>CABLE MANAGER</b>				
Rack Mounted 19 inches	8	pcs	240.00	1,920.00
<b>INDOOR UTP CABLE</b>				
CAT6 UTP	4	box	6,000.00	24,000.00
Ethernet LAN Network Cable 305M/Box				
<b>OUTDOOR UTP LAN CABLE</b>	3	roll	8,000.00	24,000.00
Category: Cat 6 Ethernet cable				
Cable Type: Unshielded Twisted Pair				
Color: Black				
Length: 305 meters (per roll).				
Physical and Technical Details:				
Conductor Size: 24 AWG				
Jacket Material: Durable PVC				
Data Transfer Speed: Up to 1 Gbps.				
Bandwidth Support: Up to 250 MHz.				
<b>DATA CABINET</b>	5	pcs	4,680.00	23,400.00
Wallmounted Data Cabinet				
Size: 6U/ 6-Layer/ 1FT Height				
Dimension: W600 x D450mm x H=1FT				
Removable Side Panels				
Single swing detachable front tempered glass door with keylock				
<b>LAN TESTER</b>	6	pcs	560.00	3,360.00
Key Functions:				
Tests UTP/STP, RJ45, RJ11 cables.				
Detects miswiring, open/short circuits, and cable disorders.				
Remote testing up to 1000 ft				
Tone signal detection for cables				
<b>ELECTRICAL TAPE</b>	15	pcs	60.00	900.00
Black 19mm x 16mm x 16m				
<b>SURGE PROTECTOR</b>	12	pcs	672.00	8,064.00
Multi-Stage Protection: Offers high protection for equipment.				
Fast Response: Built-in semiconductor				
Low Capacitance Design: Superior transmission performance.				

*afu*





transmission distances.				
Lightning Protection: Prevents induced lightning surges and protects equipment from lightning strikes.				
Supports Non-Standard POE Switches:				
Compatible with various POE devices,				
NAIL CLIP	6	box	70.00	420.00
PVC Cable Clip Round 4mm (100Pcs)				
NAIL CLIP	6	box	70.00	420.00
PVC Cable Clip Round 6mm (100Pcs)				
SPLICE TOOL KIT FIBER OPTIC	3	set	1,800.00	5,400.00
Size of fiber cutter:61*64*55mm				
Suitable for bare fiber diameter: 125mm				
Applicable fiber core number: single core				
Applicable fiber coating diameter: 0.25 & 0.9mm				
Stripping length before fiber cutting:				
fiber cutting length +18mm or more				
Optical fiber cutter length:				
9-16mm (0.25mm) 10-16mm (0.9mm)				
Cutting angle representative value: ≤ 0.5°				
Blade life: 48000 core wire				
			Sub Total	296,664.00

### Sustainability Plan

To ensure the long-term sustainability of this project, regular maintenance and system updates will be implemented to keep the network operating efficiently. Continuous training programs will be conducted to enhance the skills of IT personnel in maintaining and troubleshooting the upgraded infrastructure. Furthermore, budget allocations will be made for future network expansion and upgrades to meet the evolving technological needs of the institution. The adoption of eco-friendly and energy-efficient technologies will also be prioritized to minimize the environmental impact of the university's digital infrastructure.

### Gender and Development (GAD)

This project will incorporate gender-sensitive approaches by ensuring equitable access to ICT resources for all gender groups. It will promote gender-sensitive ICT training programs and encourage women's participation in ICT-related fields, fostering inclusivity and diversity within the institution's technology sector.

This project is also aligned with the principles of Gender and Development (GAD) by ensuring equitable access to ICT resources for all university members. The initiative will directly benefit 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff. By strengthening digital connectivity, the project will create an inclusive learning and working







environment where both students and faculty members can access online resources, administrative services, and communication platforms without barriers

The Gender and Development (GAD) attribution for this project is reflected in the time and resources allocated to maintaining a stable and inclusive digital infrastructure. Over a nine-month period, approximately one hour per day will be dedicated to network maintenance, ensuring that all students, faculty, and staff—regardless of gender—have equitable access to online learning platforms, research databases, and administrative services.

With a combined monthly salary of approximately ₱70,000 for IT personnel, and based on a standard 22-day work month, the estimated hourly cost of maintenance is ₱397.73. Over nine months, the total cost of dedicated maintenance efforts amounts to ₱78,028.20. This investment directly supports GAD initiatives by enabling uninterrupted and secure access to digital resources for 5,107 male and 6,314 female students, as well as 283 male and 310 female faculty and staff, fostering a more inclusive and technology-driven academic environment.

### WORKPLAN/WAYS FORWARD

With the procurement of ICT equipment completed, the next steps will focus on the installation, configuration, and testing of the new infrastructure, which will be completed within the first six months. A phased rollout of the upgraded network will be implemented to minimize disruptions, with full deployment expected within two years. After installation, performance monitoring and security assessments will be conducted continuously, with a major evaluation scheduled three years post-implementation. Ongoing user feedback will be gathered to address any issues and optimize network performance. Long-term sustainability measures, including regular maintenance schedules, software updates, and capacity expansion plans, will be established and reviewed every five years to ensure the continuous efficiency of the network infrastructure.

### References

- Philippine Development Plan (PDP) 2023-2028
- Regional Development Plan (RDP) 2023-2028
- United Nations Sustainable Development Goals (UNSDG)
- Department of Information and Communications Technology (DICT) ICT Roadmap
- Mindoro State University Sex Disaggregated Data 2024

Prepared and submitted by:

  
**ERIC JOHN D. FORTU**  
Information Technology Officer I

Noted:

  
**JOHN EMMANUEL MERHAN**  
Women, Gender and Development Coordinator - MMC

Comment:

*No statement/conducted gender analysis of gaps or inequalities  
and analysis of gender-based opportunities or constraints to women*







# Mindoro State University

Victoria, Oriental Mindoro 5205 Philippines

Email: [universitypresident@minsu.edu.ph](mailto:universitypresident@minsu.edu.ph)

Website: [www.minsu.edu.ph](http://www.minsu.edu.ph)

Mobile: +63 977 846 72 28



*participation in the project. Address it during the project implement-  
ation.*

*Mary Ann M. Hernandez*  
**MARY ANN M. HERNANDEZ**

Director for Planning, Monitoring & Evaluation

Comment:

*The project program is in accordance with the University  
mandates and other relevant laws, region and international  
plans, goals & targets*

Reviewed by:

☒ Passed

☐ For Revision

☐ Failed due to: \_\_\_\_\_

*Christian B. Apostol*

**CHRISTIAN B. APOSTOL, PhD**  
Campus Executive Director

## For DEPARTMENT use only

Recommending Approval:

☒ Approved

☐ Not Approved due

to: \_\_\_\_\_

*Joelene C. Leynes*

**JOELENE C. LEYNES**  
VP for Administration & Finance

For endorsement to Academic/Admin Council

☐ Yes

☐ No

Approved:

**ENYA MARIE D. APOSTOL, PhD**  
University President/  
Chair, Academic & Administrative Council



•Main Campus, Alcate, Victoria

Repair/Rehabilitation/Maintenance of University Network Infrastructure Page 8 of Pages 8

•Bongabong Campus, Labasan, Bongabong

•Calapan City Campus, Masipit, Calapan City



PROGRAM TITLE (if any):

PROJECT TITLE: REPAIR/REHABILITATION AND MAINTENANCE OF UNIVERSITY NETWORK INFRASTRUCTURES

OFFICE: MIS OFFICE

PROPOSER(S): ERIC JOHN D. FORTU

POSITION/DESIGNATION: INFORMATION OFFICER I/DMIS

Box P1. Summary checklist for the assessment of proposed projects

Element and item or guide question (col. 1)		Response (col. 2)			Score for the element/ item (col. 3)	Result or comment (col. 4)
		No (2a)	Partly yes* (2b)	Yes (2c)		
From Box 5 or department/sector-specific checklist						
1.0	<b>Involvement of women and men in project conceptualization and design (possible scores: 0,1.0, 2.0)</b> <i>Has the project conceptualization and design process included consultation with partners, including women's groups, on the problems or issues that the project needs to solve and on the development of the solution?</i>			2.0	2.0	
2.0	<b>Collection of sex-disaggregated data and gender-related information at the planning stage (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
3.0	<b>Conduct of gender analysis and identification of gender issues at the project identification stage</b>	0	0	0	0	no statement on current GAD-related issues or concern. Include it in project implementation and reporting
3.1	<i>Is there an analysis of gender gaps or inequalities? (possible scores: 0, 0.5,1.0)</i>	0				
3.2	<i>Does the analysis of the development problem recognize gender-based opportunities or constraints to women's access to or participation in the Project it will support? (possible scores: 0, 0.5, 1.0)</i>	0				
From box 6 or department/sector-specific checklist						
4.0	<b>Presence of Gender equality goals, Outcomes, and outputs (max. score: 2.0; for each item or question, 1.0)</b>	0	0	2.0	2.0	
4.1	<i>Do Project objectives address issues and concerns of women and men? (possible scores: 0, 0.5,1.0)</i>			1.0		
4.2	<i>Do the Project outcomes and outputs promote gender sensitivity or responsiveness among its contents/components (possible scores: 0, 0.5, 1.0)</i>			1.0		
5.0	<b>Presence of activities and interventions that match the gender issues identified to produce gender equality outputs and</b>			2.0	0.0	
6.0	<b>Gender analysis of the likely impact of the designed project (max score: 2; each item or question, 0.67)</b>	0	0.66	0.67	1.33	
6.1	<i>Are women and girls among the direct or indirect beneficiaries? (possible scores: 0,0.33,0,0.67)</i>			0.67		
6.2	<i>Has the project considered its long-term impact on women's socio-economic status and empowerment? (possible scores: 0,0.33,0,0.67)</i>		0.33			
6.3	<i>Has the project included strategies for avoiding or minimizing negative impact on women's status and welfare? (possible scores: 0,0.33,0,0.67)</i>		0.33			
7.0	<b>Presence of monitoring targets and indicators (possible scores: 0,1.0, 2.0)</b> <i>Does the project include gender equality targets and indicators to measure gender equality outputs and outcomes?</i>		1.0		1.0	
8.0	<b>Collection of sex-disaggregated data in the Monitoring and Evaluation plan (possible scores: 0,1.0, 2.0)</b>			2.0	2.0	
9.0	<b>Commitment of resources to address gender issues (max score: 2; each item or question, 1)</b>	0	0	2.0	2.0	
9.1	<i>Is the project's budget allotment sufficient for gender equality promotion or integration? OR, will the project tap counterpart funds from other partners/cooperators/collaborators for its GAD efforts? (possible scores: 0,0.5, 1.0)</i>			1.0		
9.2	<i>Does the project have the expertise in promoting gender equality and women's empowerment? OR, does the project commit itself to investing project staff time in building capacities within the project to integrate GAD or promote gender equality? (possible scores: 0,0.5,1.0)</i>			1.0		
10.0	<b>Connection of the project to the University's GAD efforts (max score: 2; for each item or question, 0.67)</b>	0	0.33	1.34	1.67	
10.1	<i>Will the Project build on or strengthen the University's commitment to the advancement of women? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.2	<i>Will the Project build on the initiatives or actions of other organizations <i>nearby the University</i>? (possible scores: 0, 0.33,0.67)</i>			0.67		
10.3	<i>Does the Project have an exit plan that will ensure the sustainability of GAD efforts and benefits? (possible scores: 0, 0.33,0.67)</i>		0.33			
TOTAL GAD SCORE FOR THE PROJECT PROPOSAL (Add the scores for each of the eight elements.)					14.0	Proposed project is gender-sensitive (The Project passes the GAD test).

\*As evident from the scores in Boxes 5 and 6 and the department/sector-specific checklist, the summary score for partly yes to an element or requirement may be any po

Gender-responsive Projects are those that substantively address gender issues identified through a gender analysis of sex-disaggregated data and gender-related information, or that successfully promote gender responsiveness among their funded projects.

Gender-sensitive Projects are those that recognize and acknowledge differences in roles, needs, and perspectives of women and men, possible asymmetries in their relationship, and the possibility that actions or interventions will have different effects on and results for women and men based on their gender, but do not

Interpretation of the GAD score	
0-3.9	GAD is invisible in the project (needs GAD technical assistance).
4.0-7.9	Proposed Project has promising GAD prospects (proposal earning a "conditional pass," pending identification of gender issue/s and strategies and activities to address these, and inclusion of the collection of sex-disaggregated data in the
8.0-14.9	Proposed project is gender-sensitive (The Project passes the GAD test).
15.0-20.0	Proposed Project is gender-responsive (the Proponent to be commended).