



**Civil Aviation Authority of the Philippines  
PURCHASE ORDER**



Supplier: **ILOILO FABRICATION SPECIALIST INC.** PO No.: **2024-04-017**  
 Address: **Q. Abeto St. Mandurriao, Iloilo City** Date: **4/1/2024**  
 TIN: **003-375-506-000** Mode of Procurement: **SVP**

Gentlemen:  
Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **CAAP, Iloilo Airport** Delivery Term: **60 CD**  
 Mode of Payment: **Check**

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	Repair and Replacemnt Parts	1	248,000.00	248,000.00
2	lot	Repair of Programmable Logic Controller	1	215,000.00	215,000.00
3	lot	Repainting of Power Pannels and Fence at Access Road	1	55,000.00	55,000.00
		Scope of Works:			
		Supply and delivery of materials and parts			
		Replace defective circuit breaker of PBB			
		Repalce the defective and nearly defective contractor of AC units			
		Repair of programmable Logic Controller (see attached scope of works)			
		Repainting of panel board, brackets and steel fence of power station at Primary Access Road			
		Repair of Programmable Logic Controller			
		Scope of Works:			
		1. Identify the Issue			
		Use diagnostic tools or hardware to identify the problem.			
		Power up the PLC and check for error messages and abnormal behavior.			
		2. Safety			
		Disconnect power to the PLC ensure it's completely power down before any repair.			
		3. Repairing PLC CPU.			
		Use diagnostic tools to pinpoint the issue with the CPU Integrated Circuit.			
		Diagnose the specific problem with the CPU IC.			
		Use an anti-static wrist strap to prevent electrostatic discharge.			
		Visual Inspection. Examine the CPU IC for visible damage such as burnt pins or cracks.			
		Check the surrounding components for any issue that may have affected the CPU.			
		4. Specialized Equipment / Work Station			
		Prepare the workspace with appropriate tools, including soldering iron, flux and data analyzer.			
		Des-soldering and Soldering the CPU IC using Hot Air Rework Station.C43			
		Inspect and clean, examine the PCB pads and the removed CPU IC for solder bridges, damaged traces or debris.			
		Replacement of compatible CPU IC.			
		5. Functional Testing			
		Refer to datasheet and pin out of the Integrated Circuit,			
		Power supply check, ensure that the IC is receiving the correct power supply voltage.			



