

**PURCHASE ORDER**  
**ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY**  
 Burgos St., LaPaz, Iloilo City

**DOC # 68575**

Supplier : AEP SYSTEMS INTEGRATION INC. P.O. No. : 2024-08-210  
 Address : 21st Huervana St. Divinaracia Lapaz, Iloilo City Date : August 15, 2024  
 TIN : 602-662-700-000 Mode of Procurement : **Small Value Procurement**

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

Place of Delivery : Burgos Street, La Paz, Iloilo City Delivery Term : 15 Calendar Days upon receipt of P.O  
 Date of Delivery : \_\_\_\_\_ Payment Term : **CHARGE**

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	sets	<b>MICROCOMPUTER (COMPLETE SET)</b> <b>Brand: Rasberry Pi 4 Model B</b> Processor: Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz   Memory: 1GB, 2GB, 4GB or 8GB LPDDR4 (depending on model) with on-die ECC   Connectivity: 2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac wireless LAN, Bluetooth 5.0, BLE, Gigabit Ethernet, 2 x USB 3.0 ports, 2 x USB 2.0 ports   GPIO: Standard 40-pin GPIO header(fully backwards-compatible with previous boards)   Video & sound: • 2 x micro HDMI ports (up to 4Kp60 supported) • 2-lane MIPI DSI display port • 2-lane MIPI CSI camera port • 4-pole stereo audio and composite video port   Multimedia: H.265 (4Kp60 decode); H.264 (1080p60 decode, 1080p30 encode); OpenGL ES, 3.0 graphics   SD card support: Micro SD card slot for loading operating system and data storage   Input power: 5V DC via USB-C connector (minimum 3A1), 5V DC via GPIO header (minimum 3A1), Power over Ethernet (PoE)-enabled (requires separate PoE HAT)   Environment: Operating temperature 0–50°C   Production lifetime: Raspberry Pi 4 Model B will remain in production until at least January 2034. <b>Inclusions:</b> <b>Vention AAIBG HDMI, Manufacturer: VENTION</b> Type of connection cable: HDMI - HDMI Version: HDMI 2.0   Wire insulation material: PVC   Cable length: 1.5m   Insulation colour: Black   Contact plating: Gold-plated   Support: 3D, 4K, 1440p 3D, FullHD 3D, UHD 2160p   Core diameter: 32AWG   Kind of Core: Cu   Shield Structure: Shielded twofold <b>Brand: Transcend   Transcend TS128GUSD350V 128GB UHS-I U1 Micro SD Memory Card</b> Model Name: microSDXC 350V   Flash Memory Type: 3D NAND flash	3	13,262.00	39,786.00
2	sets	<b>CAMERA MODULE WITH FFC CABLE</b> <b>Brand: Rasberry Pi 4 - 8MP</b> Camera Module V2   Size: Around 25x24x9mm   Weight: 3g   Still Resolution: 8 megapixels   Video Modes: 1080p47, 1640 x 1262p41, and 640x480p206   Sensor: Sony IMX219   Sensor Resolution: 3280 x 2464 pixels   Sensor Image Area: 3.68x2.76mm (4.6mm diagonal)   Pixel Size: 1.12µm x 1.12µm   Optical Size: 1/4"   Focus: Adjustable   Depth Of Field: Approx 10 cm to ∞   Focal Length: 3.04mm   Horizontal Field of View (Fov): 62.2 degrees   Vertical Field Of View (FoV): 48.8 degrees   Focal Ration (F-Stop): F2.0   Maximum Exposure Times(seconds): 11.76   Lens Mount: N/A   Noir Version Available: yes   Included: FFC Cable - 2 meters	3	3,414.00	10,242.00
<i>Part 1 of 2</i>				<b>Sub-Total</b>	<b>50,028.00</b>


**(Total Amount in Words): Sixty Two Thousand Ninety Nine Pesos Only**

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s.

Conforme:

  
**AEP SYSTEMS INTEGRATION INC.**  
 Name of Supplier  
 Date: 21 AUG 2024

Very truly yours,

  
**RUSS ALLEN B. NAPUD, DIT**  
 VP for Administration and Finance  
 Date: 21 AUG 2024

Fund Cluster : 104  
 Funds Available : \_\_\_\_\_  
 Date: 25/AUG 2024  
**JESSICA M. GENZOLA**  
 Accountant IV

ORS/BURS No. : 2024-08-1209  
 Date of the ORS/BURS: \_\_\_\_\_  
 Amount : **62,099.00**

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
3	pcs	<b>IR THERMAL SENSOR</b> Brand: Melexis   Model: MLX90614 Small size, low cost, easy to integrate   Factory calibrated in wide temperature range: -40°C...+125°C for sensor temperature and -70°C...+380°C for object temperature.   High accuracy of 0.5°C in a wide temperature range(0°C...+50°C for both Ta and To)   High (medical) accuracy calibration   Measurement resolution of 0.02°C   Single and Dual zone versions   SMBus compatible digital interface   Customizable PWM output for continuous reading  Available in 3V and 5V versions   Simple Adaptation for 8V...16V applications   Sleep mode for reduced power consumption   Different package options for applications and measurement versatility   Automotive Grade	3	3,313.00	9,939.00
4	set	<b>SOLID STATE RELAY</b> Brand: Taiwan   Model: SSR-40DA Input Voltage: 3-32V DC Output Voltage: 24-380V AC Rated Load Current: 40A Dimension: 45.5x62.5x24mm  Warranty Period: 6 months  ***** Nothing Follows ***** For official use of the University for the Development of the Research Project: "Non Contact Monitoring System with Face Recognition Thermal Scanning" (Project Leader: Joyce Jamille) Requested by: Richard C. De Leon	4	533.00	2,132.00
				<b>Sub-Total</b>	<b>12,071.00</b>
				<b>Grand Total</b>	<b>62,099.00</b>

Part 2 of 2

**(Total Amount in Words): Sixty Two Thousand Ninety Nine Pesos Only**

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 Date 21 AUG 2024

Very truly yours,

**RUSS ALLEN B. NAPUD, DIT**  
 VP for Administration and Finance  
 Date 21 AUG 2024

Fund Cluster : 1044  
 Funds Available : \_\_\_\_\_  
 AUG 20 2024  
**JESSICA M. GENZOLA**  
 Accountant IV

ORS/BURS No. : 5074-08-1209  
 Date of the ORS/BURS: \_\_\_\_\_  
 Amount : 62,099.00