



Republic of the Philippines
VISAYAS STATE UNIVERSITY
 Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : **PPMP-2024-082724-0372**PR No.: **STF-2024-09-01662**Date: **09-05-2024**Dept./Office: **PPO**Category: **Construction
and Electrical Supplies**Section/End-User: **Mario C. Bantugan**Project Title/Code: **Repair of Food Sensory Analysis
Faculty**Funding Source: **Special Trust Fund**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	(PB-1) - Panel board dead front three phase pure copper busbar 100 amperes MCCB center main 3 phase with grounding terminal bolt-on type 20 KAIC	unit	1	60,000.00		60,000.00
Specification: 2- 15AT/50AF, 2P,15KAIC,MCB 5- 20AT/50AF, 2P,15KAIC,MCB 5- 30AT/50AF, 2P,15KAIC,MCB 4- 40AT/50AF, 2P,15KAIC,MCB						
2	(PB) -Panel board dead front three phase pure copper busbar 80 amperes MCCB 3 phase center main wit	set	1	50,000.00		50,000.00
Specification: Branches : • 2- 15AT/50AF, 2P,15KAIC,MCB • 6- 20AT/50AF, 2P,15KAIC,MCB • 6- 30AT/50AF, 2P,15KAIC,MCB						
3	Addressable Manual Call Points	unit	5	2,900.00		14,500.00
Specification: Specifications: • System Connected: Control panel loop • Input Source: Loop signal • Output Contact/Load: N/A • Address Coding: Binary • Operating Voltage: 26 V DC • Alarm Current: 6 mA • Quiescent Current: 85 µA						

- **Ambient Temperature:** 0°C to +50°C
- **Material:** Fire-proof plastic
- **Certification:** ISO9001, CE, ROHS, UL Listed

4	Addressable Type Heat Detector	unit	2	3,600.00		7,200.00
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Specification:

Specifications:

- **Address Coding:** Binary
- **Alarm Current:** DC 26V, 6 mA
- **Standby Current:** DC 26V, 850 µA
- **Sensitivity Setting:** Complies with EN54
- **Ambient Temperature:** 0°C to +50°C
- **Thermal Setting:** 58°C
- **Material:** Fire-proof plastic
- **Certification:** ISO9001, CE, ROHS, UL Listed

5	Conduit PVC 25 mm. dia	length	30	140.00		4,200.00
6	D1-Double swing glass door on powder coated aluminum frame with jamb 1.6mx2.1m	set	2	12,000.00		24,000.00
7	D2-Flush door with jamb 0.8m x 2.1m	set	3	2,500.00		7,500.00
8	D3-Sliding glass door on powder coated aluminum frame with jamb 0.8m x 2.1m	sets	2	6,000.00		12,000.00
9	Electrical Aircon Outlet, 1 gang (flush type)	set	5	250.00		1,250.00
10	Electrical Outlet, Single gang universal outlet with ground, (surface type)	pcs	16	100.00		1,600.00

Specification:

- **Current Rating:** 10A
- **Voltage Rating:** 250V
- **Features:**
 - Universal design
 - Includes ground
 - Durable construction
 - Heavy duty
- **Type:** Surface mount

11	Electrical PVC Conduit 20 mm diameter	length	275	100.00		27,500.00
12	Electrical PVC Conduit with coupling, 50 mm. dia	length	50	300.00		15,000.00
13	Electrical Square Box (PVC), 6" x 6"	pcs	6	200.00		1,200.00

Specification: PVC Square Box 6"x 6"						
14	Electrical Square Box (PVC), 4" x4"	pcs	2	150.00		300.00
15	Electrical Switch, 2-gang, Flush type	pcs	10	200.00		2,000.00
16	Electrical Switch, 3-way, flush type	pcs	5	200.00		1,000.00
Specification: • Heavy duty • Good quality						
17	Electrical Switch, Single (Flush type)	set	13	150.00		1,950.00
18	Electrical Wire 3.5 mm TW (G) stranded	boxes	9	4,500.00		40,500.00
19	Electrical Wire, THHN / THWN, AWG 10 (5.5mm ²), Stranded, 150 meters/box	boxes	5	8,500.00		42,500.00
Specification: • Type: THHN/THWN, Building Wire • Gauge: AWG 10 (5.5mm²) • Stranding: Stranded with Nylon Insulation • Length: 150 meters/box • Certification: UL listed						
20	Electrical Wire, THHN / THWN, AWG 14 (2.0mm ²), Stranded, 150 meters/box	boxes	10	4,500.00		45,000.00
Specification: Specifications: • Type: THHN / THWN • Gauge: AWG 14 (2.0 mm²) • Construction: Stranded with nylon insulation • Color: Green • Length: 150 meters per box • Certification: UL listed						
21	Electrical Wire, THHN/THW AWG 1 (38 mm ²), Stranded wire	meters	150	435.00		65,250.00
22	Electrical Wire, THHN/THWN, AWG 2 (30 mm ²), Stranded	meters	100	400.00		40,000.00

Specification:

- Type: THHN/THWN, Building Wire
- Gauge: AWG 2 (30 mm²)
- Stranding: Stranded with Nylon Insulation
- Certification: UL listed

23	Electrical Wire, THHN/THWN, AWG 6 (14 mm ²), Stranded	meters	100	150.00		15,000.00
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Specification:

- Type: THHN/THWN, Building Wire
- Gauge: AWG 6 (14 mm²)
- Stranding: Stranded with Nylon Insulation
- Certification: UL listed

24	Electrical Wire, THHN/THWN, AWG 8 (8mm ²), Stranded, 150 meters/box	boxes	2	9,750.00		19,500.00
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Specification:

- Type: THHN/THWN, Building Wire
- Gauge: AWG 8 (8mm²)
- Stranding: Stranded with Nylon Insulation
- Length: 150 meters/box
- Certification: UL listed

25	Electrical, PVC Molding, 3/4"	length	30	90.00		2,700.00
26	Electrical, Duplex Convenience Outlet (GFCI)	pcs	58	1,400.00		81,200.00
27	Electrical, Junction Box (Octagonal) with cover, PVC	pcs	2	50.00		100.00
28	Electrical, Junction Box, 4" x 4"	pc	150	35.00		5,250.00

Specification:

- Type: Junction Box
- Dimensions: 4" x 4"
- Features:
 - Heat Resistant
 - Waterproof
 - UL Certified

9	Electrical, Utility Box, 2" x 4", Orange	piece	27	30.00		810.00
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Specification:

PVC

	Electrical, Utility Box, 2" x 4" (Surface Type)	pcs	20	40.00		800.00
	Emergency Light, 2 x 3 Watts	pcs	16	2,500.00		40,000.00

Specification:

- Power: 2 x 3 Watts

- **Quality:** Good quality, durable
- **Features:**
 - Dome reflector for wider light distribution
 - Automatic operation (turns on instantly when power is cut off)
 - Equipped with overcharging protection
 - Fuse protected
- **Illumination:** Illuminates areas more than 1 lux
- **Light Source:** 2 x 1W High Power SMT LED
- **Battery:**
 - 4V 4.0Ah - 6V 4.5Ah Sealed Lead Acid
- **Charging Time:** <20 hours
- **Performance Time:** 26 hours (at full charge)

32	Fire Alarm Bell	unit	5	1,885.00		9,425.00
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Specification:

- **Type:** Fire Alarm Bell
- **Size:** Conventional 8 inches
- **Operating Voltage:** 24V DC
- **Sound Output:** 80 dB
- **Operating Voltage Limit:** 16-33V DC
- **Maximum Current:** 31.1 mA (DC)
- **Operating Temperature:** -35°C to 60°C

33	Fire Alarm Control Panel 5 Zone	set	1	34,970.00		34,970.00
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Specification:

- **Type:** Fire Alarm Control Panel
- **Zones:** 5 Zones
- **Loops:** 5 Loops
- **Input Power:** 220VAC, 60Hz
- **Auxiliary Power (Battery):** DC 24V 300mAH (Ni-Cd Battery)
- **Charging Voltage/Current:** DC 29V, 60mA
- **Loop Voltage/Current:**
 - **Normal:** DC 24V
 - **Short-Circuit:** 5V, Under 30mA
- **Exterior Resistance:** Round-trip under 50?
- **Amount of Smoke Detectors:** Max. 20 per loop
- **Amount of Heat Detectors:** No limit (except electronic types)
- **End of Line Resistance:** 10K?
- **Output Current for Indicating Lamp:** Max. 120mA
- **Output Current for Alarm Bell:** Max. 120mA

34	FW1-4m x 2m fixed glass on powder coated aluminum frame	set	2	16,000.00		32,000.00
35	FW2-2.5m x 2m fixed glass on powder coated aluminum frame	set	1	10,000.00		10,000.00
36	Gravel, 3/4" size	cu.m.	2	1,500.00		3,000.00

37	HW-Awning type on aluminum powder coated frame (3-0.6m x 0.8m) with 0.4m fixed glass on top	set	3	4,000.00		12,000.00
Specification: (3-0.6m x 0.8m) with 0.4m fixed glass on top						
38	Illuminated Entrance Sign	pcs	2	18,000.00		36,000.00
39	LED pin light surface round type 3 colors	pcs	8	450.00		3,600.00
Specification: Specification: - Dimension: 30mmx140mm - Warm White, Neutral White, Cold White 7 watts - Color of the casing: White						
40	Louver Housing with 18 watts T8 LED tube surface mount, Troffer fixture, rush proof single lights, 4	set	10	1,200.00		12,000.00
41	Louver Housing with LED Fluorescent Lamp(2 x 36W), Surface Type	set	30	1,200.00		36,000.00
42	Marble Adhesive	set	8	950.00		7,600.00
43	Marble Cleaning Solution	liter	10	350.00		3,500.00
44	Marble Tile 0.1m x 0.2m	sq.m.	16	1,200.00		19,200.00
45	Metal Fire Rated Exit Door (90 cm x 210 cm)	set	1	23,650.00		23,650.00
46	Modern Ceiling Lights Square LED Panel Acrylic Diameter	set	2	2,500.00		5,000.00
47	Neon Strip Lights Outdoor type Warm white 220VAC 7Watts	meters	20	200.00		4,000.00
48	Sand, Washed	cu.m.	3	1,500.00		4,500.00
49	Smoke Detector Alarm System	unit	20	1,400.00		28,000.00
Specification: - Type: Smoke Detector Alarm System - Wiring: Two wires conventional, 24V DC - Operating Voltage: 9V to 35V DC - Alarm Current: 40mA @ 24V - Alarm Indication: Red LED ON - Temperature Range: -10°C to +50°C - Standby Current: 55mA - Humidity Range: 0% to 95% - Relative Humidity: Non-condensing - Alarm Output: Remote LED - Sensitivity: 0.15 dB/m - Standard/Certification: EN54-7 & UL268 - Dimensions: 100 mm diameter x 46 mm height						
50	Square Box 8 x 8 x 4" metal	pcs	3	250.00		750.00

51	Stainless Steel Table	sq.m.	20	3,500.00		70,000.00
52	Tex Screw, Metal, 2"	pcs	1000	5.00		5,000.00
53	Two Gang Floor Outlet Universal with Ground Prong	set	2	2,421.00		4,842.00
54	W1-Sliding window on powder coated aluminum frame (2.4m x 2m) with 0.4m fixed glass on top	set	2	15,500.00		31,000.00

Specification:

- (2.4m x 2m) with 0.4m fixed glass on top

55	W2-Sliding window on powder coated aluminum frame (1.6m x 2m) with 0.4m fixed glass on top	set	1	10,600.00		10,600.00
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Specification:

- (1.6m x 2m) with 0.4m fixed glass on top

56	W3-Sliding window on powder coated aluminum frame (1.6m x 2m) without fixed glass	set	2	9,600.00		19,200.00
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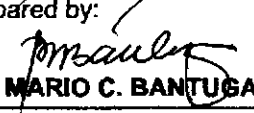
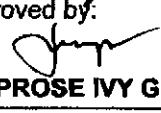
Specification:

- (1.6m x 2m) without fixed glass

	TOTAL					1,055,647.00
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Purpose: For Food Analysis Faculty, Food Tech

Checked by:	Funds Available:
 CLINT C. SARVIDA	 ALICIA M. FLORES
TWG - Construction and Electrical Supplies	HEAD, BUDGET OFFICE

Signature:	Prepared by:	Noted by:	Approved by:
	 MARIO C. BANTUSAN	 MARLON G. BURLAS	 PROSE IVY G. YEPES
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU