

PURCHASE ORDER

12/19/2021 DELIVERY DUE DATE:

> PR No.: 2021-10-218 PO No.: 2021-385

Address: Y&Y Building, Magsaysay, Alaminos City, Pangasinan Type of Business: Merchandising Business Date: 11/16/2021 Mode of Procurement: Small Value 739-967-759-000 VAT Res Non - VAT Please furnish this office the following articles subject to the terms and conditions contained herein: 0997-218-3119/0963-859-6672

Delivery Term: 30 Calendar days
Payment Term: N/30 TARLAC STATE UNIVERSITY **Total Cost** Unit Cost Quantity 60,000.00 6,000.00 Description FLEXIBLE SOLAR PANEL, 100W Monocrystalline Silicon, 32 cells Open Circuit Voltage (Voc.): 19.4V Short Circuit Current (Isc) 6.25A Maximum Power Voltage: 17.5V Dimension: 1650x540x2.5mm Maximum Power Current: 5.75A (2 years 54.000.00 9,000.00 BATTERY, 12V 100AH Get Type VRLA C-16 Discharge Rate Max DOD 50% Dimension 330x76x175mm warranty Maintenance Free 12,000,00 6,000.00 SOLAR CHARGER CONTROLLER, MPPT type, Nominal System
SOLAR CHARGER CONTROLLER, MPPT type, Nominal System
Solar Charging Setting: Sealed, Gel.
Voltage 12 /24 VDC Auto Battery Charging Setting: Sealed, Gel. Voltage 12/24 VDC Auto Battery Charging S Flooded and User Max Solar input voltage 100V, Rated Charging Current: 40A Max 1 year warranty Protection: IP32 7,614.00 3,807.00 VOLTMETER AMMETER CAR BATTERY TESTER CAPACITY WOLTMETER AMMETER CAR BATTERY TESTER CAPACITY
WITH 5BA SHUNT: Voltage Measurement Range-0-200V.
Voltage Original Test-0.05V; Voltage Measurement Accuracy.
1%. Current Measurement Range: 0-300A; Current Minimum;
Resolution: Ima; Current Original Test:20mA; Current
Measurement Accuracy:1%: Power Measurement Range: 02000/0-60000W, Power Minimum Resolution::0.01W; Power
Original Test:0.2W; Power Measurement Accuracy: 1%: Capaci 5 2008/0-60000W, Power Minimum Resolutionau.01W, Power Original Testio.2W; Power Measurement Accuracy: 1% Capacity Measurement Range 0-1000AH: Energy Consumption Measurement Range 0-9999kWH; Working Temp: -20+60C: Running Time Range; 0-999k; Shape Size: 89.6x49.6mm/3.4944x1.9344in 133,614.00 Sub Total

Warranty shall be for a perod minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make full delivery within the time specified above, a penalty of (Total Amount in Words) one-tenth (1/10) of one percentfor every day of delay shall be imposed.

Very truly yours,

DR. ARMEE N. ROSEL VP, Research and Extension Services

Authorized Official COMMISSION ON AUDIT-TSELL

Cow

November 19, 2021

MHIKE SOLAR ENERGY SHOP

(Signature over printed name & date) Michael S. Andaya | Mhike solar Energy Shop

Bank Account Name: 1271 - 1994 - 10

Morcos. Ave., Alaminos city, pangasinan Bunk Address

Funds Available:

RYAN R. RONOLILLO

OIC, Budge Office

ALOBS No.: DE TONO | -21-11 -0524 \$ 148.98,

Amount:

Effectivity Date: August 24, 2020

Page 1 of 2

RECEIVED

BY COM Date 1 9 1904 2021

		PURCHASE ORI	DEK		, , ,							
Procurement Unit Welephone No: 045-606-8142/606-8157 Applier: MHIKE SOLAR ENERGY SHOP Iddress: Y & Y Building, Magsaysay, Alaminos City, Pangasinan ype of Business: Merchandising Business 729-967-759-000 VAT Reg. Non-VAT			PR No.: 2021-10-218 PO No.: 2021-385 Date: 11/16/2021 Mode of Procurement: Small Value									
							el. No.: W	777-212	office the following articles subject to the terms a	nd conditions co	20 Calendar	r days
							rel. No.: 0997-218-3119/0963-859-6672 Please furnish this office the following articles subject to the terms at the please of Delivery: TARLAC STATE UNIVERSITY		Payment Ter	m: N/30	N/30	
							ate of Deliv			Quantity	Unit Cost	Total Cost
							Item No.	Unit	Description			133,614.00
		Balance Forwarded DC VOLTMETER AMMETER POWER ENERGY	4	2,757.00	11,028.00							
7	1	DIGITAL METER WITH SOX 300. DC 6.5-100V, Fower: measurement range 0-10kw, Energy: measurement range 0-9990kwh, Voltage: test range 6.5-100V, Current: Test Range 0-100A DC BATTERY CAPACITY VOLTAGE METER: Voltage Measurement Range: DCB-100V; Working Current:<15MA: Display Mode: LCD screen; Working Current:<15MA: Display Mode: LCD screen; Working	2	1,392.00	2,784.00							
		2.4x1.3x0.59in (Length x William)	150	10,00	1,500.00							
13	pcs ,	METAL SCREW Sorm dia x 30mm Formanty: One year apply in factory defect. Mishandle, missisted, modified by other installer and Natural Calantities is not included **********************************			148.926.0							
		THINT of Engle, Larry in Assert		- Cir Paers Only								
		Now Humbred Forty Eight Thousand Nine	Hundred Twen	a condies or a mi	inimum period of one							
	Warrai	Words) One Hundred Forty Eight Thousand Nine ty shall be for a perod minimum of three (3) mont in-expendable supplies. In case of failure to make fi (10) of one percentfor every day of delay shall be in	nposed		ed above, a penalty of							
one-	mirror foly		VEI3 Gans	VAD ADME	E N. ROSEL							
			VI	, Research and Authoriz	Extension Services and Official							
Confo	rme: -	7 pu / November 19, 2021		T	A WATER ON ALL							
MHIK	ESOIA	printed name & date) Michael S. Andaya Mhike Solar	- 4-	col	RECEIV							

Hank Account Name Michoel S. Andraya Mhike Solar Energy Shop

Marcos. Ave, Hlamines city, pangacinon

1271-1994-10

Landbank

RVAN R. RONQUILLO
OIC, Bridget Office
Revielo No. 3

Bank Account Number:

No.: TSU-PRO-SF-09

Bank Address. Funds Available: RECEIVED

PARTY DOTAL 9-NUT - 202

fi48, 9%, -

ALOBS No.: 62-10161-21-11-6821

Effectivity Date : August 24, 2020 Page 2 of 2

Amount:

Procurement Unit

PURCHASE ORDER

DELIVERY DUE DATE: /2/19/2021

Telephone No.: 045-606-8142/606-8157

Supplier: MHIKE SOLAR ENERGY SHOP

Address: Y & Y Building, Magsaysay, Alaminos City, Pangasinan

Merchandising Business Type of Business: 739-967-759-000 VAT Reg. Non-VAT TIN#:

0997-218-3119/0963-859-6672

PR No.: 2021-10-218 PO No.: 2021-385

Date: 11/16/2021

Mode of Procurement: Small Value

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

Place of Delivery: Date of Delivery:

TARLAC STATE UNIVERSITY

Delivery Term:

30 Calendar days

Payment Term: N/30

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1	pcs	FLEXIBLE SOLAR PANEL, 100W Monocrystalline Silicon, 32 cells Open Circuit Voltage (Voc): 19.4V Short Circuit Current (lsc) 6.25A Maximum Power Voltage: 17.5V Dimension: 1050x540x2.5mm Maximum Power Current: 5.75A (2 years warranty)	10	6,000.00	60,000.00
2	pcs	BATTERY, 12V 100AH Gel Type VRLA C-10 Discharge Rate Max DOD 50% Dimension 330x76x175mm Weight: 32kg 1 year warranty Maintenance Free	6	9,000.00	54,000.00
3	set	SOLAR CHARGER CONTROLLER, MPPT type, Nominal System Voltage 12/24 VDC Auto Battery Charging Setting: Sealed, Gel, Flooded and User Max Solar input voltage 100V, Rated Charging Current: 40A Max, 1 year warranty Protection: IP32	2	6,000.00	12,000.00
5	set	VOLTMETER AMMETER CAR BATTERY TESTER CAPACITY WITH 50A SHUNT: Voltage Measurement Range:0-200V, Voltage Original Test:0.05V; Volatage Measurement Accuracy: 1%, Current Measurement Range: 0-300A; Current Minimum; Resolution:1mA; Current Original Test:20mA; Current Measurement Accuracy:1%; Power Measurement Range: 0-2000/0-60000W, Power Minimum Resolution::0.01W; Power Original Test:0.2W; Power Measurement Accuracy: 1%; Capacity Measurement Range:0-1000AH; Energy Consumption Measurement Range: 0-99999kWH; Working Temp:-20+60C; Running Time Range; 0-999h; Shape Size:89.6x49.6mm/3.4944x1.9344in	2	3,807.00	7,614.00
		Sub Total			133,614.00

(Total Amount in Words)

Warranty shall be for a perod minimum of three (3) months for expendable supplies, or a minimum period of one (1) year for non-expendable supplies. In case of failure to make full delivery within the time specified above, a penalty of one-tenth (1/10) of one percentfor every day of delay shall be imposed.

Very truly yours,

懂

DR. ARMEE N. ROSEL VP, Research and Extension Services

COMMISSION ON AUDIT-TSU

Authorized Official

Conforme:

MHIKE SOLAR ENERGY SHOP

(Signature over printed name & date)

Bank Account Name:

Bank Account Number:

Bank Name: Bank Address:

Funds Available:

No.: TSU-PRO-SF-09

RYAN R. RONQUILLO

OIC, Budget Office

Revision No. 3

ALOBS No.: 01-10101-21-11-0824

Amount:

MS1926.

Effectivity Date: August 24, 2020

Page 1 of 2

Procurement Unit

PURCHASE ORDER

DELIVERY DUE DATE: 12/19/2021

Telephone No.: 045-606-8142/606-8157

Supplier: MHIKE SOLAR ENERGY SHOP

Address: Y & Y Building, Magsaysay, Alaminos City, Pangasinan

Type of Business: Merchandising Business 739-967-759-000 VAT Reg. Non -VAT TIN#:

0997-218-3119/0963-859-6672 Tel. No.:

PR No.: 2021-10-218

PO No.: 2021-385

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TARLAC STATE UNIVERSITY 30 Calendar days Place of Delivery: Delivery Term: Payment Term: N/30 Date of Delivery:

Mana Na	TI-SA	Description	Onontito	Unit Cost	Total Cost
Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Balance Forwarded	1		133,614.00
6	set	DC VOLTMETER AMMETER POWER ENERGY DIGITAL METER WITH 50A SHUNT LCD 4 inch DC 6.5-100V, Power: measurement range 0-10kw, Energy: measurement range 0-9999kwh, Voltage: test range 6.5-100V, Current: Test Range 0-100A	4	2,757.00	11,028.00
7	set	DC BATTERY CAPACITY VOLTAGE METER; Voltage Measurement Range: DCB-100V; Working Current:<15MA; Display Mode: LCD screen; Working Humidity: 10-80%; Size Aprrox. 61x33x15mm/ 2.4x1.3x0.59in (Length x Width x Height)	2	1,392.00	2,784.00
13	pcs	METAL SCREW 5mm dia x 30mm Warranty: One year apply in factory defect. Mishandle, misused, modified by other installer and Natural Calamities is not included	150	10.00	1,500.00
		************ Purpose: to be used in the conduct of the research proposal entitled "Design and Development of Hybrid Utility Vehicle (HUV)" of Engr. Larry A. Suboc as the Lead-Researcher.			148,926.00

(Total Amount in Words) One Hundred Forty Eight Thousand Nine Hundred Twenty-Six Pesos Only

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Very truly yours,

DR. ARMEE N. ROSEL VP, Research and Extension Services

COMMISSION ON AUDITATEU

RECEIVED

Authorized Official

Conforme:

MHIKE SOLAR ENERGY SHOP

(Signature over printed name & date)

Bank Account Name:

Bank Account Number:

Bank Name:

Bank Address:

Funds Available:

RYAN R. RONOL

OIC, Budget Office

Revision No. 3 No.: TSU-PRO-SF-09

ALOBS No.: 02 -10101 -21-11-0824

19-NOV

Amount:

Þ 148,926.

Effectivity Date: August 24, 2020

Page 2 of 2