



# PURCHASE ORDER

DELIVERY DATE:

Supplier: **VEKIAN ENERGY AND CCTV SERVICES**  
 Address: San Roque St., Aurora Subd., San Agustin, San Francisco, Pangasinan  
 TEL No: 224-452-790-888  
 Fax No: (0905) 223-2744 / 223-2447 / 223-2701 email: vekianenergy17@gmail.com

PO No: 2020-11-433  
 PO No: 2020-098  
 Date: 1/7/2020  
 Mode of Procurement: Public Bidding

Place of Delivery: **TARLAC STATE UNIVERSITY**  
 Delivery Terms: **EX-FACTORY**  
 Payment Terms: **30**

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
4	PCS	<b>SOLAR MOTOR DRIVER, 1130W Main Features Built-in MPPT solar charge supports three-phase asynchronous motor built-in full protection and self diagnosis soft start function prevents water hammer effect and extends system life cycle Comprehensive LED's and display screen for real-time system status Remote monitoring through RS-485 PHASE 3-phase in./ 3-phase out MAXIMUM PV ARRAY POWER 17600 W RATED OUTPUT POWER 11400 W PV INPUT (DC) Maximum DC Voltage 600 VDC Start up Voltage 350 VDC MPPT Voltage Range 500-600 VDC Number of MPPT Trackers 1 OUTPUT Nominal Voltage 3x 380/400/415/440 VAC Efficiency &gt; 97% Output Current 25 A Motor Type Three-phase asynchronous motor Frequency Precision ±0.2% PROTECTION Full Protection three-voltage, under-voltage, over-current, surge, over-temperature, short circuit protection PHYSICAL Dimension, D x W x H (mm) 130 x 280 x 330 Net Weight (kg) 6.5 Type of Mechanical Protection IP20 INTERFACE Communication Port RS-232/RS-485 ENVIRONMENT Humidity &lt; 90% RH(Non-condensing) Operating Temperature -20°C - 60°C at 100% full load, 40°C - 60°C power derating</b>	1	70,000.00	70,000.00
6	PCS	<b>SOLAR PROTECTION ACCESSORIES AND FRAMING, 1pc DC-2P-SSD-640W-32A 1pc DC-2P-BREAKER-550V-32A 1pc DC-2P-SPD-500V 1 pc AC-2P-BREAKER-63A 1 pc AC-4P-SPD 1 pc AC-4P-MTS-63A 1 pc Distribution Box 12 way 100 mm TWIN PV 4mm2 Solar Cable 20 m AC Wire #10 AWG THHN 75 pcs MID Clamp 8 pcs END Clamp 20 pcs BR-RAIL-4.2 1x 204 pcs BR-T-800F with rubber</b>	1	30,000.00	30,000.00
7	PCS	<b>HYBRID SOLAR SYSTEM PACKAGE, 4 pcs 335 W Spitzman Polycrystalline Panels 1x 3x W Hybrid Inverter 20W Ratings with bracket set 40 m Stainless PV Cable 3m/ Breakers Protection kit 4 x 12V 210 AH VRLA Deep Cycle Battery</b>	1	140,000.00	140,000.00
					<b>240,000.00</b>

Total Amount in Words: Two Hundred Forty Eight Thousand Pesos Only

Remarks: shall be for a period maximum of Three (3) months for expirable supplies, or a maximum period of one (1) Year for non-expirable supplies. Failure to accept full delivery within the time specified above, a penalty of one cent (1/100) of unit price for every day of delay will be imposed.

Supplier: **VEKIAN ENERGY AND CCTV SERVICES**  
 Date received: **1/14/2020**  
 By: **Ana T. Paloma**  
 ID No: **00-435 021 6076**  
 Dept: **SDO**  
 Address: **San Agustin San Fernando Pangasinan**

By: **GLENARD MADRAGA**  
 VP. Admin. Affairs  
 Authorized Officer

COMMISSION ON AUDIT - TSU  
**RECEIVED**  
 By: **M** Date: **14 JAN 2020** Time: **14**

ALCTS No.:  
 Amount:  
 Issued on: **14 JAN 2020** Page: 1 of 1

# PURCHASE ORDER

DELIVERY USE DATE:

Procurement Unit  
Tel. No. 092-606-2142 / 606-8157

PR No: 2019-11-422  
PO No: 2020-007  
Date: 1/14/2020  
Mode of Procurement: Public Bidding

Supplier: **VICTOR REGENCY AND CCTV SERVICES**  
Address: Don Ramon St., Anasota Subd., San Agustin, San Fernando, Pangasinan  
TIN No: 720-452-700-000  
Tel. No: 0999-302-2764 / 0998337-1200 / email: victorregency27@gmail.com

Gentlemen:  
Please furnish this office the following articles subject to the terms and conditions contained herein:  
**TARLAC STATE UNIVERSITY**  
Delivery Term: 30 calendar days  
Payment Term: N/C

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1	pcs	INTEGRATED SOLAR STREETLIGHT WITH MICROWAVE SENSOR, 100 Watts LED: 99pcs 5730 SMD LED 6500K Solar Panel 10V16W Polycrystalline Battery: Lithium Ion 6.4V20,000mah Charging Time: 6-8Hrs Working Time: 12-36Hrs Lumens: 130/w Material: Aluminum Item Size: 550*220*45mm Install Height 5 Meters Area Lighted: 80m	50	5,200.00	260,000.00
2	pcs	INTEGRATED SOLAR STREETLIGHT WITH MICROWAVE SENSOR, 150 Watts, LED: 297pcs 5730 SMD LED 6500K Solar Panel 10V26W Polycrystalline Battery: Lithium Ion 6.4V 40,000mah Charging Time: 6-8Hrs Working Time: 12-36Hrs Lumens: 130/w Material: Aluminum Item Size: 990*220*45mm Install Height 5-6 Meters Area Lighted: 200m2	14	6,200.00	86,800.00
3	pcs	STREET LAMP POST ASSEMBLY, Material: Hot rolled steel, Q235, Q345 Pole's height: 6m-8m / 60W-100W Shape: Round, octagon Arm type: Single arm, Double arm Application: Outdoor illumination, Road illumination, Street illumination Galvanizing: Hot dip galvanization with thickness of 80-100µm average in accordance with Chinese standard GB/T 13912-2002 or American standard ASTM A123, IS: 26261985. Painting color: Refer to client's requirement and then according to (RAL)Color card Max wind velocity: Against wind pressure of 160Km/h Temperature range: -30 °C--+45 °C Quality assurance: ISO9001,CE,ROHS	64	3,000.00	192,000.00
5	pcs	SOLAR PANEL, 270 Watts, Electrical data Rated Maximum Power (Pmax) 270 Maximum Power Voltage (Vmp) 31.2 Maximum Power Current (Imp) 8.66 Open Circuit Voltage (Voc) 38.0 Short Circuit Current (Isc) 9.17 Module Efficiency (%) 16.7 Power Tolerance (%) ±3 Mechanical Parameters Cell Type Polycrystalline No. of Cells 60pcs Dimension(mm) 1640*992*35 Connector MC4 Frame Anodized Aluminum Alloy Operating Temperature(°C) -40--+85	40	5,300.00	212,000.00
<b>Total</b>					<b>750,800.00</b>

(Total Amount in Words) **Seven Hundred Fifty Thousand Eight Hundred Pesos Only**  
Warranty shall be for a period 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 percent for every day of delay shall be imposed.

Confirms: *[Signature]*  
**ANA T. PALOMO**  
VICTOR REGENCY AND CCTV SERVICES  
(Signature over printed name & date)

COMMISSION ON AUDIT (CSU)  
**RECEIVED**  
By: *[Signature]* Date: 14 JAN 2020

Very truly yours,  
*[Signature]*  
**DR. GLENARD T. MADRAGA**  
VP, Admin. & Finance  
Authorized Officer

Bank Account Name: \_\_\_\_\_  
Bank Account Number: \_\_\_\_\_  
Bank Name: \_\_\_\_\_  
Branch Address: \_\_\_\_\_

Funds Available:  
*[Signature]*  
**JESUS S. DANGANAN**  
Budget Officer IV

ALCDS No. \_\_\_\_\_  
Amount: \_\_\_\_\_