

Tel No : 045-606-8142/606-8157

PURCHASE ORDER

DELIVERY DUE DATE:

101.11001	5 666 6112/ 666 615/			
Supplier :	INNOVATIVE CONCEPT MARKETING	PR No.:	2021-07-163	
Address :	<u>Unit B, Sureshot Sportville 2848, Jose Abad Santos St., Tondo, Manila</u>	PO No.:	2021-397	
Type of Bu	siness : <u>Merchandising</u>	Date:	11/23/2021	
TIN No.:	175-740-204-000	Mode of Procurement:	Public Bidding	
Tel. No. :	(02) 8741-1747			

Gentlemen: Please furnish this office the following articles subject to the terms and conditions contained herein: 180 calendar days Place of Delivery: TARLAC STATE UNIVERSITY **Delivery Term:** Date of Delivery: Payment Term: N/30 Item No. Unit Description Quantity **Unit Cost Total Cost** THREE-PHASE TRANSFORMER, Suitable for all circuit configurations. All connections via 4mm safety sockets, 220,147.00 220,147.00 1 set 1 Power: 1000VA, Primary: 3x400/230V 50hz, Secondary: 3x2x115V SCOTT TRANSFORMER, For Transforming from a two-phase to a three-phase mains and vice-versa using a scott circuit. It can also be used as a three-phase isolating transformer for 2 transformation of 3x 115/230/400V into 3x 115/230V and 1 82,146.00 82,146.00 set vice-versa, all connections via 4mm safety sockets, Power: 2x 150VA, Primary: 2x 115/200/230/346/400V 50hz, Secondary: 2x 115/230V SINGLE PHASE TRANSFORMER, all connections via 4mm safety sockets, Power: 300VA, Primary: 230V, 50/60Hz, 66,547.00 66,547.00 3 set 1 Secondary: 2x 115V AC-AUTO TRANSFORMER, All connections via 4-mm safety sockets, Power: 300VA, Primary: 230V, 50Hz, Secondary: 54,219.00 54,219.00 4 set 1 115/230/240V ADJUSTABLE TRANSFORMER, 0-260V, 4A, Instrument for supply and experiments involving electrical machines and the eectronics of energy technology, equipped with: Mains switch: Mains voltage: 230V, ±10%, 50...60Hz, Output: 1x 5 set 118,879.00 118,879.00 1 260V / 4A AC, short-term 5A, 1 Thermomagnetic circuit breaker, 5A (sec.), Output: 2x 4mm safety sockets with connecting leads and earth-contact plug, 16A PANEL FRAME, T130, two-level, T-base, without channel, set 6 1 158,872.00 158,872.00 Height: 73,0cm, Width: 124cm, Depth: 30cm Sub-Total 700,810.00

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for nonexpendable 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

	Very truly yours,
	DR. ARMEEN. ROSEL
Conforme:	VP, Research & Extension Services
	Authorized Official
INNOVATIVE CONCEPT MARKETING	7 7
(Signature over printed name & date)	COMMISSION ON AUDIT TSUL
Bank Account Name: /NNOV ATIVE CONCEPT MARKETING	RECENTED
Bank Account Number: A # 0661 - 09 24 - 59	BYSEN Date: 6 REC 2021
Bank Name: LANOBANK - QUEZON AVE	1 T THE THE
Bank Address: # GO AGS PLAZA - QUEZON AVE. QC.	<u> </u>
Funds Available:	
RYAN R. RONQUILLO	ALOBS No.: 06 102/01 - 21 - 11-000 1 Amount:
OIC, Budget Office	Amount: j 1,424,157.
No.: TSU-PRO-SF-09 Revision No. 03	Effectivity Date: August 24, 2020 Page 1 of 4

	· ·	PURCHASE ORDER			
Procureme	ent Unit		DELIVER	<u>RY DUE DATE:</u>	
Tel. No.: 045	5-606-8142	2/ 606-8157			
Supplier : Address : Type of Bus TIN No. : Tel. No. :	<u>Unit B, S</u> iness :	ATIVE CONCEPT MARKETING ureshot Sportville 2848, Jose Abad Santos St., Tondo, Manila Merchandising -204-000 1-1747		PR No.: PO No.: Date: ocurement:	2021-07-163 2021-397 11/23/2021 Public Bidding
	urnish thi	is office the following articles subject to the terms and conditions o	contained h	erein:	
Place of Deli Date of Deliv		TARLAC STATE UNIVERSITY	Delivery Term: Payment Term:		<u>180 calendar days</u> <u>N/30</u>
Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
7	set	Balance Forwarded 3-PHASE VOLTAGE 400V/ 2.5A, Full supply appliance in a 19" casing for variable 3-phase voltage voltage equipped with: mains switch: 4-pole cam switch, mains voltage: 3x 400V ± 10%, 50-60Hz, outputs: 3x 0-400V AC, 1x 0-250V DC (full-wave rectifier), 2,5A short-term 3A, output protection 3A, output through five 4mm safety sockets, display: 2 digital indicators (digit height 12.4mm), for current, L1, L2, L3 switchable and voltage, switchable to: outer conductor/neutral conductor, outer conductor/outer conductor, 3 phase control lamps, width 70PU	1	304,432.00	700,810.00 304,432.00
8	set	MULTI-FUNCTION DATA ACQUISITION MODULE, Power Analyser CASSY, The Power Analyser CASSY is a combination of isolated and differential oscilloscope, multimeter, wattmeter, energy analyzer and recorder, It was designed in its concept for demonstration and laboratory experiments, The Power Analyser CASSY has been optimized for the following applications: Energy grids: Voltage and frequency stability, Load behavior of networks, Effect of harmonics, Electrical machines: Inrush current of transformers and machines, Ratio of transformers, Efficiency of machines, Power Electronics: rectifier, DC/DC converter, DC/AC converter, frequency converter, filter, simultaneous measurement of U, I, φ u, φ , f and P in 4 channels, Instantaneous values U, I and P, Averaged values U, I and P, RMS values (AC + DC) U and I, RMS values (AC) U and I, Fundamental wave filters, Delta connection adjustment, universal connection options via USB-Type C connection with PC or laptop, via the WLAN	1	418,909.00	418,909.00
		Sub-Total	1. T. I.		1,424,151.00

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	Very truly yours,
Conforme: Data C Servicia INNOVATIVE CONCEPT MARKETING (Signature over printed name & date) Bank Account Name: Bank Account Number: $SA # 0661 - 0924 - 59Bank Name:Bank Name:Bank Address:# co AGS PLA2A - GUE SON AVE G.C.$	DR. ARMEEW. ROSEL VP, Research & Extension Services Authorized Official COMMISSION ON AUDIT ISU REICENVED Date 6 DECE: 2021
Funds Available: <u>RYAN R. RONOUILLO</u> OIC, Budget Office	ALOBS No.: 06- 102 (01-26 -11-000) Amount: \$ 1.424 1 151
No.: TSU-PRO-SF-09 Revision No. 03	Effectivity Date: August 24, 2020 Page 2 of 4

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	TRANS	PURCHASE ORDER	•		
1906			DELIVE	RY DUE DATE:	
Procurem Tel No. 04	ent Unit 5-606-8142	1/0/ 0157			
Tel. No.: 04	5-000-8142	/ 000-815/			
Supplier :		TIVE CONCEPT MARKETING		PR No.:	2021-07-163
Address :		<u>ureshot Sportville 2848, Jose Abad Santos St., Tondo, Manila</u>		PO No.:	2021-397
Type of Bu	siness :	Merchandising		Date:	11/23/2021
TIN No. :	175-740	-204-000	Mode of Pr	ocurement:	Public Bidding
Tel. No. :	<u>(02) 874</u>	1-1747			
Please f Place of Del Date of Deli	ivery:	s office the following articles subject to the terms and conditions <u>TARLAC STATE UNIVERSITY</u>	contained Delivery Payment	Ferm:	<u>180 calendar days</u> <u>N/30</u>
Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Balance Forwarded			1,424,151.00
		option with the school network or setting up your own access point, automatic or manual range selection, supports the price- winning measurement software CASSY Lab 2 for computer- aided measurements and simple to highly complex evaluations, formula, Electrical power calculation S, P, QC and QL, Electrical work WS, W and WQ, Resistance calculation R, Z,			

you to evaluate the data with LabVIEW and MATLAB, Possibility of manual operation directly on the device by means of a rotary selector with cursor keys, Direct reading in 9 cm, backlit display, Display of up to 24 measured values in one display, Display of all values for each channel, Display of all values in tabular form, Display of measured values in diagram, Display of a vector diagram, wireless connection to the CASSY app via WLAN for experimenting with tablet and smartphone (iOS, Android and Windows), Measuring instrument category CATIII 300: allows the use of the measuring instrument from tests with safety extra-low voltage (SELV) via 3-phase systems with or without neutral conductor up to testing in power electronics, eg. B. DC link voltage of 700V DC, FPGA-based realtime processing in the device enables comprehensive network analysis in the three-phase networks, which are displayed

directly on the device in the vector diagram,

Warranty shall be for a period minimum of Three (3) months for expendable supplie expendable supplies. In case of failure to make full delivery within the time specified above, a every day of delay shall be imposed	s, or a minimum period of one (1) Year for non- a penalty of one-tenth (1/10) of one percent for
	Very truly yours,
	DR. ARMEE N. ROSEL VP, Research & Extension Services
Conforme: Appmm Dataol Salvania	Authorized Official
INNOVATIVE CONCEPT MARKETING	
(Signature over printed name & date)	COMMISSION ON AUDIT TSU
Bank Account Name: INNOVATIVE CONCEPT MARKETTING	- REICEUVED
Bank Account Number: $5A # 066t - 0924 - 59$	By Date 6 DEfe 2021
Bank Name: LAND BANK - QUE 20N AVE.	
Bank Address: #GO AGS, PLAZA QUEZON AVE Q.C.	da
Funds Available:	

Sub-Total

1,424,151.00

Bank Name: LAND BANK - QUE 20N AVE.	by CP Date Fage: /// /
Bank Address: #GO AGS PLAZA QUE ZON AVE	<u>Q.C.</u>
Funds Available: RYAN R. RONDUILLO OIC, Budget Office	ALOBS No.: 06-102101-21 -11-00 Amount:
No.: TSU-PRO-SF-09 Revision No. 03	Effectivity Date: August 24, 2020 Page 3 of 4

	- TILER	PURCHASE ORDER			
Procurem	ent Unit		DELIVER	RY DUE DATE:	
		2/ 606-8157			
Supplier : Address : Fype of Bus FIN No. : Fel. No. :	<u>Unit B, S</u> siness :	ATIVE CONCEPT MARKETING ureshot Sportville 2848, Jose Abad Santos St., Tondo, Manila Merchandising -204-000 1-1747		PR No.: PO No.: Date: ocurement:	2021-07-163 2021-397 11/23/2021 Public Bidding
Gentlemen					
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lace of Deli ate of Deli	0	TARLAC STATE UNIVERSITY	Delivery T Payment		<u>180 calendar days</u> <u>N/30</u>
ltem No.	Unit	Description	Quantity	Unit Cost	Total Cost
		Balance forwarded Technical Specifications: DISPLAY & OPERATION: Graphic display: 9cm (3.5"), QVGA, colored, light (adjustable up to 400cd/m ²), Operation: Pushbutton and incremental encoder with pushbutton, INPUTS & OUTPUTS: Inputs: 4 isolated measuring channels CAT III 300, each with I and U, measurement (max. 8 can be used at the same time), Input A- D: U and I connection via 4 mm safety sockets, Measuring ranges U: 25/70/250/700VAC ±36/±100/±360/±1000VDC, Measuring ranges I: 0.7/1.6/7/16/AAC ±1/±2.5/±10/±16ADC, Sampling rate: max. 1,000,000 values/s per channel at U and I max. 500,000 values/s, GENERAL: Loudspeaker: Error message when exceeding the measuring ranges, Data storage: 100,000 readings for each measurement series, built-in Micro SD, card (4GB) for over a thousand measurement files and screenshots, WLAN: 802.11 b/g/n as access point or client (WPA / WPA2), VNC server: integrated, USB ports: Connect a USB Type C, Mains voltage: 230V 50-60Hz (conversion to 115V possible), Connected load: 50W, Dimensions: 300mm x 300mm x 180mm, Weight: 3.7kg, Scope of delivery: Power cord, USB A/C cord ADDITIONAL ITEMS: -BOOK, TRANSFORMERS 0.3 (ENGLISH) -SAFETY BRIDGING PLUGS, Set of 10, Black -SAFETY BRIDGING PLUGS, Set of 10, vellow/green -SAFETY CONNECTING LEADS, Set of 32 -SAFETY CONNECTING LEADS, Set of 32 -SAFETY CONNECTING LEAD, 32A, yellow/green, Set of 10			1,424,151.00
		************			<u>1,424,151.00</u>
Warrs spendable s	anty shall upplies. In	ds) One Million Four Hundred Twenty Four Thousand One Hundred Fift be for a period minimum of Three (3) months for expendable supplies, case of failure to make full delivery within the time specified above, a p be imposed	or a minimur	n period of one e-tenth (1/10) o	(1) Year for non- f one percent for
Conforme:	6	Dom'	VP, F	DR. ARMEE Research & Exte Authorized (nsion Services
NOVATI		CEPT MARKETING	CON	Authorized C	10
nk Account nk Account	Name:	name & date) INNOVATIVE CONCEPT MARKETING SA # 0661 -0934 - 59	By:	Date: 16	DEC 2021
nk Name: nk Address	:	HANP BANK QUEDON AVE. Q.C.	-la		
nds Availab	ole:				
		R. RONQUIDLO Budge Office	AL(An	UBS No. : DC - nount :	-102101 -21 -11,
.: TSU-PRO-S		Revision No. 03	Effectivity Da	te: August 24, 2020	Page 4 of 4