

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

DOST Trunkline: 837-2071 local 2220 / 2221

A-405 TF

Supplier:	GUILL-BERN CORPORATION	P.O. No.:	GIA-E-354-2017
Address: (3) PO-08 (2) 2	#14 San Francisco cor. San Rafael St., Bo. Kapitolyo, Pasig City	Date:	December 22, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.	PB-2017-036
		PR #	05-2017-0293
		ASC #	

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

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	90 calendar days
Date of Delivery:		Payment Term:	

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	<p>MICROWAVE DIGESTION SYSTEM Brand: Milestone Model: Ethos Up Origin: Italy ETHOS UP with SK15 ETHOS UP High Performance Microwave Digestion System Hardware Microwave cavity 18/8 stainless steel housing with multi-layer PTFE coating Largest microwave cavity: 43 x 40 x 41H cm (approx. 70.5 liters) Inlet/Outlet ports Large flange with 36mm ID plus additional ports on the side walls Chassis Protected against acids and solvents with polymer coating Door Completely made 18/8 stainless steel door Self resealing pressure responsive door Multiple independent safety interlocks to prevent microwave emission in case of improper closure or misalignment Exhaust System Built-in, located at the rear of the cavity and separated from electronics to prevent corrosion Video Camera LC00512 Built-in with PTFE teflon foil protection</p>	1	2,687,000.00	2,687,000.00

PH 49020

Page 1 of 4 pages

(Total Amount in Words) Four thousand seven hundred fifty one pesos & 07/100

Very truly yours,

Conforme: *[Signature]*
ANNABELLE V. BRIONES, Ph.D.
 OIC-Office of the Director

[Signature]
CHRISTINE C. TRUJAN
 (Signature over printed name)

[Signature]
ANNABELLE V. BRIONES
 (Date)

Requisitioning Office/Dept. ANNABELLE V. BRIONES, Ph.D. Deputy Director-R&D / OIC-CED	Funds Available: SOLEDAD S. REYES Accountant IV	Amount ALOBS No. <i>2/13</i>
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1-29-18

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

DOST Trunkline: 837-2071 local 2220 / 2221

A-408 TF

Supplier:	GUILL-BERN CORPORATION	P.O. No.:	GIA-E-354-2017
Address: (3) PO-08 (2)	14 San Francisco cor. San Rafael St., Bo. Kapitolyo, Pasig City	Date:	December 23, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.:	PB-2017-036
		PR #	05-2017-0293
		ASC #	

Gentlemen:

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

Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) calendar days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		TOTAL CARRIED FORWARD			2,687,000.00
		<p><u>Microwave Emission</u> Dual magnetron system with rotating diffuser for homogeneous microwave distribution in the cavity Two 950 Watt rated magnetrons, for a total of 1900 watt Exclusive magnetron protection from reflected microwave power. Continuous and PID-controlled microwave emission at all power levels <u>Emission and Safety Norms</u> EN61010-1:2001; EN61010-2-010:2003; UL61010-1:2004 CAN/CSA-C22.2 No 61010-1:2004; CAN/CSA-C22.2 No 61010-2-010:2004; ✓ IEC 61010-2-010:2003; en61326-1:2006 <u>Standard methods compliance</u> US EPA 3052; US EPA 3051A; US EPA 3546 ASTM D4309-96; ASTM d-5765; ASTM D-6010, RoHS, WEEE and ELV <u>Control Terminal 660 TER6605G</u> Control Terminal 660, touch screen, 6.5" TFT display 640x480 VGA resolution with 64K colors 5 USB ports, 1 RS232 port, 1 LAN port, 2 video ports <u>Operating Software</u> Icon-driven multilanguage (Chinese, English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish and Turkish) software allowing the use to edit, save and run a virtually unlimited number of methods <u>Milestone Connect</u> New Milestone Connect app for external devices, including a database w/multiple information and remote control</p>			

Page 2 of 4 pages

(Total Amount in Words) Four thousand seven hundred fifty one pesos & 07/100

very truly yours,

Conforme: CHRISTINE S. THORNDY (Signature over printed name)
 Date: Dec 20, 2018 (Date)

ANNABELLE V. BRIONES, Ph.D.
 OIC-Office of the Director

Requisitioning Officer/Dept. ANNABELLE V. BRIONES, Ph.D.
 Deputy Director-R&D / OIC-CEO

Funds Available: SOLEDAD S. REYES
 Accountant IV

Amount ALOBS No. _____

2/13

1-29-18

PURCHASE ORDER

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INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
 DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
 DOST Trunkline: 837-2071 local 2220 / 2221

A-405TF

Supplier:	GULL-BERN CORPORATION	P.O. No.:	GIA-E-354-2017
Address: (3) PO. 08 (2) 2	14 San Francisco cor. San Rafael St., Bo. Kapitolyo, Pasig City	Date:	December 22, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.	PB-2017-036
		PR #	05-2017-0293
		ASC #	

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

Place of Delivery:	Metrology Bldg.	Delivery Term:	Ninety (90) days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		TOTAL CARRIED FORWARD of the microwave system Operator Manual in English ETHOS UP High Performance Microwave Digestion System Weight: ca. 84 kg Overall instrument dimensions: 54x64x(69)H cm Power supply 230 V/60 Hz, 3,5 Kwatt P/N: 49020			2,687,000.00
	(1) SK15	1 - Starter kit 15 segments high pressure rotor complete Vessels volume: 100mL; maximum temperature: 300°C maximum pressure: 100 bar, includes: 1 - Standard segment complete p/n LCR00030 14 - Reference segment complete with thermowell p/n LCR00020 1 - Workstation complete p/n 70126 1 - Tension wrench with adapter p/n 70125 P/N: SK15 1 - ATC-400 Sensor, length 180mm, for SK-15 & PRO-Rotors consumable for 2500 runs P/N: ATC0100 14 - Adapter plate with built-in safety releasing spring P/N: AP000023 1 - Adapter plate for ATC with built-in safety releasing spring P/N: AP000023A 1 - Ceramic thermowell PTFE coated P/N ATCC033 Offer includes the following:			

Page 3 of 4 pages
 (Total Amount in Words) Two million six hundred forty three thousand fifty three pesos & 57/100

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

Conforme: Caroline S. De Luna
 (Signature over printed name)
 Dec. 02, 2017
 (Date)

Very Truly yours,
ANNABELLE V. BRIONES, Ph.D.
 OIC-Office of the Director

Requisitioning Office/Dept. <u>ANNABELLE V. BRIONES, Ph.D.</u> Deputy Director-R&D / OIC-CED	Funds Available: <u>SOLEDAD S. REYES</u> Accountant IV	Amount ALOBS No. <u>2/13</u>
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1-29-18

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
 DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
 DOST Trunkline: 837-2071 local 2220 / 2221

17-40577

Supplier: GUILL-BERN CORPORATION	P.O. No.:	GIA-E-354-2017
Address: 14 San Francisco cor. San Rafael St., Bo. Kapitolyo, Pasig City (3) PO-08 (2) 2	Date:	December 22, 2017
	Mode of Procurement:	Public Bidding
	Resolution No.	PB-2017-036
	PR #	05-2017-0293
	ASC #	

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Date of Delivery:		Payment Term:	

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		TOTAL CARRIED FORWARD			2,687,000.00
		-Intensive training on operation and safety precautions			
		-Special training will be given on heavy metal analysis for Pharmaceutical based products in accordance with United States (USP)232/233 (to be performed during installation) <i>Pharmaceuticals</i>			
		-Training will be done by certified factory trained engineer and application chemist dedicated to the operation of Microwave Digester			
		-Installation and commissioning			
		-IQ, OQ package with documentation			
		-1 unit Laptop (windows 10; Intel core i5 processor; 1.3 GHz to 3.2 GHz processor speed; 8GB RAM; 512GB Storage Capacity)		Less: VAT	119,955.36
		-1 unit AVR		EWT	23,991.07
		-3 years warranty on parts and services, Inclusive of Preventive Maintenance			143,946.43
					2,543,053.57

END-USER:
CHARGE TO:

[Signature]
EMELDA A. ONGO
 PCIEERD Funded Project: Assessment of Metal Content of Water Supplies in Volcanic.....

PREPARED BY:

[Signature]
ROCHEEY LEE C. DELUTA
 Administrative Officer V

Page 4 of 4 pages

(Total Amount in Words) **Two million five hundred forty three thousand fifty three pesos & 57/100**

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

Conforme: *[Signature]*
ANNABELLE V. BRIONES, Ph.D.
 OIC-Office of the Director

Very Truly yours,
[Signature]
ANNABELLE V. BRIONES, Ph.D.
 OIC-Office of the Director

[Signature]
 (Signature over printed name)

Nov. 02, 2018
 (Date)

Requisitioning Office/Dept. ANNABELLE V. BRIONES, Ph.D. Deputy Director-R&D / OIC-CED	Funds Available: <i>[Signature]</i> SOLEDAD S. REYES Accountant IV	Amount ALOBS No. 2/13
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PO form PPS-04

1-29-18