

2024-09-2053



Republic of the Philippines  
Department of Agriculture

## SUGAR REGULATORY ADMINISTRATION

Sugar Center Bldg., North Avenue, Diliman, Quezon City, Philippines 1101

TIN 000-784-336

Website: <http://www.sra.gov.ph>

Email Address: [srahead@sra.gov.ph](mailto:srahead@sra.gov.ph)

Tel No. (632) 8929-3633, (632) 3455-2135, (632) 3455-3376

MEMO-BAC-2024-Sept- 078

### NOTICE TO PROCEED

25 September 2024

**JOSEL L. SALVADOR**

Authorized Representative

**MOLAVE TRADING, INC.**

891 E. Delos Santos Avenue,  
Diliman, Quezon City

Dear **Ms. Salvador:**

The attached Contract Agreement (**Purchase Order No. 24-09-659 dated 17 Sept. 2024**) having been approved, notice is hereby given to **MOLAVE TRADING, INC.**, that work may commence on the **SUPPLY AND DELIVERY OF VARIOUS SOILS LABORATORY EQUIPMENT (Lot 3 - Fully Automated Kjeldahl Digester and Distillation System)**, effective upon receipt of this notice.

Thus, you shall be responsible for performing the services under the terms and conditions of the Agreement and in accordance with the Implementation Schedule.

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. Keep one copy and return the other to the **Sugar Regulatory Administration**.

Very truly yours,

**PABLO LUIS AZCONA**

Head of the Procuring Entity (HoPe)  
Administrator/CEO

I acknowledge receipt of this Notice on : September 30, 2024  
Name of the Representative of the Bidder : Jose V. Salvador  
Authorized Signature : [Signature]



Management  
System  
ISO 9001:2015  
[www.tuv.com](http://www.tuv.com)  
ID 9105085567





**PURCHASE ORDER**  
Sugar Regulatory Administration  
North Avenue, Diliman, Quezon City  
Telefax No. (02) 8929-61-36

To : **MOLAVE TRADING, INC.**

Address : 891 E. Delos Santos Avenue, Diliman, Quezon City

TIN : 000-390-460-000

P.O. No.: **24-09-659**

Date : **9/17/2024**

Mode of Procurement: **Public Bidding**

Gentlemen :

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

Place of Delivery : **SRA, LAREC, PAMPANGA**

Delivery Term : 60 Calendar days

Date of Delivery : 60 calendar days upon receipt of NTP

Payment Term: >>>>>

THIS ORDER IS SUBJECT TO THE CONDITIONS PRINTED AT THE BACK HEREOF.

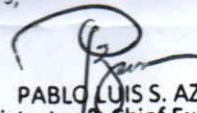
Stock No.	Unit	Description	Qty.	Unit Cost	Total Cost
	unit	<b><u>SUPPLY AND DELIVERY OF VARIOUS LABORATORY EQUIPMENTS (LOT 3):</u></b> <b>FULLY AUTOMATED KJELDAHL DIGESTER AND DISTILLATION SYSTEM</b> at least eight (8) positions w/ Scrubber (1 unit) Tecator Digester 2508, Auto Rack Automated Digestion System with Auto Rack, 8 positions Tecator™ Line Digestion units allow fully automated digestion for convenient, safe, and flexible Kjeldahl analysis <b>Efficient and cost-effective operations</b> Smooth operations save chemicals, energy, labour, space, and time. <b>Flexible management software</b> A wide range of applications can be downloaded from the database. Up to 254 applications can be stored in the digester. <b>Application support</b> The systems come with extensive application support and are compatible with FOSS Kjeldahl distillation units as well as other distillation units. Sample types: Raw materials and finished products in food, feed, agriculture, and related matrices, water and wastewater, and a wide range of industrial compounds Parameters: Kjeldahl digestions, chemical oxygen demand, and other reflux chemistries, trace metal analysis by AAS or ICP instruments Accessories: Lift and racking system, exhaust manifolds, and scrubber Consumables: Kjeltabs, 100 mL, 250 mL, and 400 mL tubes <b>Specifications:</b> <b>Performance Data:</b> Temperature range: Ambient - 440°C Temperature setting repeatability: 1°C Over temperature protection: Yes Temperature stability at 100°C: ± 2°C Temperature stability at 400°C: ± 1°C	1	1,198,000.00	1,198,000.00

(Total Amount in Words)

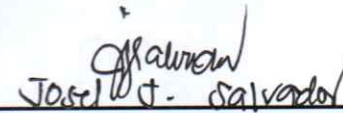
page 1 of 8

In case of failure to make delivery/services 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,


  
**PABLO LUIS S. AZCONA**  
Administrator & Chief Executive Officer  
(Authorized Official)

Conforme:

  
(Signature over printed Name of Supplier)

9/30/24  
Date

Funds Available:

  
**PORTIA A. ASENTISTA**  
OIC, Accounting Division

BUR No. :

Amount :





## PURCHASE ORDER

Sugar Regulatory Administration  
North Avenue, Diliman, Quezon City  
Telefax No. (02) 8929-61-36

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Address : 891 E. Delos Santos Avenue, Diliman, Quezon City

TIN : 000-390-460-000

P.O. No.: **24-09-659**

Date : **9/17/2024**

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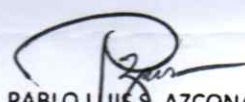
Stock No.	Unit	Description	Qty.	Unit Cost	Total Cost
		Heating time from 20 to 400°C at 230 V: ~35 min Time setting per step: 1-999 min Ramp control (Rate of heating): Yes Digestion applications memory: Up to 254 Digestion steps per application: Up to 23 Lift connection: Yes, full control Scrubber: Yes, full control Tubes/batch: 8 <b>Typical sample capacity</b> Tube size: 250 mL Sample size solids: Up to 5g Sample size liquids: Up to 15 mL <b>Installation requirements:</b> Power supply- 200-240 V, 50 Hz Power consumption- The lower power consumption the better 1100 W Water supply- Approx. 3-4 L/min the first minutes then 1 L/min Ventilation requirements- Exhaust and fume hood Transient overvoltage- Category II Dimensions (w x d x h) cm- 30 x 44 x 14 Weight (kg)- 10  Scrubber 2501 Lift System  Power supply 200-240 V, 50-60 Hz N/A Power consumption 50 W N/A			

(Total Amount in Words)

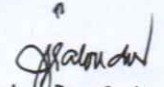
page 2 of 8

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Very truly yours,

  
**PABLO LUIS S. AZCONA**  
Administrator & Chief Executive Officer  
(Authorized Official)


Conforme:

  
**Jose J. Salvador**

(Signature over printed Name of Supplier)

**9/30/24**  
Date

Funds Available:

  
**PORTIA A. ASENTISTA**  
OIC, Accounting Division **9/10**

BUR No. :

Amount :



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Stock No.	Unit	Description	Qty.	Unit Cost	Total Cost
		Ventilation requirements Recommended N/A			
		Dimensions (w x d x h) cm 33.5 x 48.5 x 39.5 15.4 x 28.7 x 48.4			
		Weight (kg) 19 (including flasks 1.1 kg) 7			
		<b>Inclusions and Accessories:</b>			
		<b>PN- DESCRIPTION</b> <b>QTY</b>			
		60079834- Tecator Digester 2508 Auto Rack, 230 V 1			
		Consists of:			
		1 pc, 60079771, Basic Unit Digester 2508, 230 V 50-60 Hz			
		1 pc, 60062247, RS 2500 Rack System			
		1 set, 60079772, Standard Accessory Kit for Digester 2508, 230V			
		Including:			
		1 pc, 10013896, Rack for 8 digester tubes			
		1 pc, 60080139, USB Documentation - Tecator Digester 2508/2520			
		1 pc, 60080174, Tecator Digester Software USB			
		1 pc, 60068032, USB Box			
		1 pc, 10014267, Cable Block, PC			
		2 pc, 15640178, Fuse 12A 250V 6.3X32mm(3AB)			
		1 pc, 500053, Chinese standard power cable, 230 V 10 A			
		1 pc, 15650026, European standard power cable, 230 V 10 A			
		1 pc, 60078851, Quick Guide (English)			
		1 pc, 60078847, Safety manual			
		With application note			

(Total Amount in Words)

page 3 of 8

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Very truly yours,

**PABLO LUIS S. AZCONA**

**Administrator & Chief Executive Officer**  
(Authorized Official)

Conforme:

*Jose W. Salgado*  
(Signature over printed Name of Supplier)

*9/30/24*  
Date

Funds Available:

*Portia A. Asentista*  
**PORTIA A. ASENTISTA**

OIC, Accounting Division

BUR No. :

Amount :





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		<b>PN- DESCRIPTION</b>	<b>QTY</b>		
		60063222- Tecator™ Scrubber 2501	1		
		60062243- Exhaust system for digester 8,	1		
		<b>250/400 ml tubes, with water aspirator</b>			
		10014245- Tube rack for 8 tubes, 250 ml	1		
		60046515- Copper, tablets with 3.5 g K2SO4 +			
		0.4 g CuSO4•5H2O, 1000/pkg	1		
		10000158- Digestion tubes straight 250 ml 20/pkg	1		
		60079730- FOSS PM.KIT, Digester 8/20 pos., 12 month.	1		
		See attached list of inclusions			
		60079731- FOSS PM.KIT, Scrubber, 12 month	1		
		Local Supply- AVR 3kVA	1		
		B. Fully automatic Kjeldahl Distillation system (1 unit)			
		Kjeltec™ 9 Distillator			
		Fully-automated distillation unit			
		<b>Innovative features and built-in safety</b>			
		Ensure safe operations with FOSS pioneered SAFE mode for safe distillation of samples that form salt cakes and			
		bellow pumps for accurate reagent dispensing. A variable output steam generator broadens the application area to other volatile			
		components			
		<b>A versatile solution that reduces operational costs</b>			
		Accurate reagent dispensing reduces cost per test, a self-adjusting cooling water system saves water to further r			
		educues cost, while long-life components ensure minimal downtime			

(Total Amount in Words)

page 4 of 8

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Very truly yours,

Conforme:

(Signature over printed Name of Supplier)

Date

**PABLO LUIS S. AZCONA**  
~~Administrator & Chief Executive Officer~~  
(Authorized Official)

Funds Available:

**PORTIA A. ASENTISTA**

OIC, Accounting Division

BUR No. :

Amount :



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		Lab operations built on traceability and trust Gain insight and traceability with networking software that collects instrument data from different instruments all in one place. All data is recorded and backed up automatically and is easy-to-share Sample type: Raw materials and finished products in food, feed, and agriculture Parameters: Nitrogen, protein, and ammonia Technology: Fully automated distillation for Kjeldahl and other nitrogen-based chemical analysis Verified Methods: Kjeltac™ 9 is verified against official standards such as AOAC, EPA, DIN, GB, and ISO for simplified validation <b>Performance Specifications:</b> <b>Performance Data</b> Analysis time: 3.5 minutes at 30 mg N (6.5 minutes at 200 mg N) Distillation capacity: ~40 mL/min at 230 V (at 100% steam addition) Measuring range: 0.1 – 210 mg N Reproducibility: 1% RSD (including the digestion step) Recovery: 99.5 – 100.5% at nitrogen levels between 1-200 mg N Tube draining: 200 mL in less than 10 seconds Reagent pump volume: 0 – 150 mL in steps of 10 mL Delay: 0 – 1800 seconds SAFE (FOSS pioneered): Auto 5 seconds. Improves safety by a mixing procedure, reducing the exothermic reaction between alkali and acid during distillation and removing the need for manual pre-dilution. A fast tube draining system removes the need for handling hot reagents after distillation Variable steam addition: 30-100% in steps of 10% Software: FossCare™, SmartCare™ (optional)			

(Total Amount in Words)

page 5 of 8

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Very truly yours,

**PABLO LUIS S. AZCONA**

~~Administrator & Chief Executive Officer~~  
(Authorized Official)

Conforme:

(Signature over printed Name of Supplier)

Date

Funds Available:

**PORTIA A. ASSENTISTA**

OIC, Accounting Division

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Amount :





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Stock No.	Unit	Description	Qty.	Unit Cost	Total Cost
		<b>Additional Features:</b> SAFE - Steam Addition for Equilibration Variable output steam generator Water saving system Cooling water flow control Distillate temperature monitor Polypropylene splash head Polypropylene tube emptying vessel Bellows pumps for reagent addition Automatic alkali addition Automatic dilution water addition <b>Installation requirements:</b> Power supply- 200-240 VAC, 50-60 Hz Tolerable voltage variation- $\pm 10\%$ Power consumption- 3,000 W Water consumption (during distillation only): 3 L/min at water temp of 30°C* 1 L/min at water temp of 15°C Ambient temperature: 5-40°C Ambient humidity: Max. 80% relative Drain: For cooling water only Weight net: 46 kg Dimensions (w x d x h) cm: 50 x 48 x 76			
		Automatic receiver solution addition Tube emptying / waste collection Reagent alarms Removable drip tray Automatic tube door Interlocked tube door Removable tube door Tube-in-place safety Tube replacement sensor			

(Total Amount in Words)

page 6 of 8

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Very truly yours,

**PABLO LUIS S. AZCONA**  
**Administrator & Chief Executive Officer**  
(Authorized Official)

Conforme:

**Jose B. Salvador**  
(Signature over printed Name of Supplier)  
9/30/24  
Date

Funds Available:

**PORTIA A. ASENTISTA**  
OIC, Accounting Division #9/20

BUR No. :

Amount :



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		<b>Inclusions and Accessories:</b>			
		<b>P/N- DESCRIPTION</b>	<b>QTY</b>		
		60093700- Kjeltec 9 Distillator, 200-240V 50/60Hz	<b>1</b>		
		1 pc, 60089548, Basic unit Kjeltec 9 Distillator			
		1 pc, 60100559, Standard accessory kit, Kjeltec 9 Distillator			
		<b>Including:</b>			
		1 pc, 10000897, Handling Device for Digestion Tube			
		1 pc, 10000090, Digestion tube 250 ml			
		1 pc, 10000734, Digestion Tube 100 ml			
		1 pc, 60027131, Power cord Schuko-C19			
		6 m, 15820011, Tubing reinforced for alkali			
		8 pcs, 15820051, Tube clamp			
		1 pc, 15820066, Water tube 3/4" 1/2"			
		1 pc, 60035904, Hood Ethercon RJ45			
		1 pc, 60035906, User instruction for Hood Ethercon RJ45			
		1 pc, 60034845, Female cable connector C19			
		1 pc, 60098003, USB User Documentation Kjeltec 9 Distillator			
		1 pc, 15860004, Hose Connector Straight 8x3/8"			
		3 pc, 60092749, ADAPTER 250ml, 400ml, 750ml			
		3 pc, 60086659, Sealing Cap			
		1 pc, 60100202, Pressure reducing valve 1.5 to 4 bar			
		1 pc, 60100574, Rubber gasket 3/4"			
		1 pc, 60086225, ADAPTER 100ml			

(Total Amount in Words)

page 7 of 8

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Very truly yours,

**PABLO LUIS S. AZCONA**  
Administrator & Chief Executive Officer  
(Authorized Official)

Conforme:

**Joel G. Salvador**  
(Signature over printed Name of Supplier)

**9/20/24**  
Date

Funds Available:

**PORTIA A. ASENTISTA**  
OIC, Accounting Division

BUR No. :

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		1 pc, 60097952, Quick Guide Kjeltec 9 Distillator			
		1 pc, 60097954, Safety manual Kjeltec 9 Distillator			
		1 set, 60093219, Tanks with level sensors for Waste, Receiver, Alkali and Water			
		60100196- PM Kit Kjeltec 9 Distillator	1		
		Digital Burette, 50 Ml	1		
		With compatible laptop	1		
		Local Supply- AVR 5kVA	1		
		<b>WARRANTY: Offer includes installation, commissioning, and calibration (from an ISO/IEC 17025 accredited laboratory) and preventive maintenance</b>			
		<b>INSTALLATION: Offer includes training on site conducted by our manufacturer-trained Service Engineer and Application Specialist</b>			
		<b>NOTE: Certificate of training of a factory trained engineer, with at least five (5) year-experience in servicing the unit for after sales service support</b>			
		Certificate as to availability of parts and/or service support facilities			
		Certification as authorized service centers that shall service the units in the National Capital region (NCR), Region IV and nearby provinces			
		Certificate of Authorized Distributorship (Manufacturer)			
		Each equipment shall be delivered to the SRA LAREC, Floridablanca, Pampanga			
		Good and established "After Sales Service" which includes maintenance/calibration services and full assistance in the operation of the equipments/instruments			
		List of names and addresses of buyers for the five (5) years of the same type of equipment regardless of model.			
		<b>AS PER BID OFFER</b>			
		page 8 of 8			
		<b>TOTAL</b>			<b>P 1,198,000.00</b>

SUGAR REGULATORY ADMINISTRATION  
BUDGET & TREASURY DIVISION  
PROGRAM/PROJECT: **RDE**  
FUND: **S10A**  
ACCOUNT SYMBOL: **10405740**  
AMOUNT: **P 1,198,000.00**  
ALLOTMENT AVAILABLE

**RESTY D. REAÑO**  
OIC, Budget & Treasury Division

(Total Amount in Words)

ONE MILLION ONE HUNDRED NINETY EIGHT THOUSAND PESOS ONLY

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Very truly yours,

Conforme:

(Signature over printed Name of Supplier)

Date

**ATTY. IGNACIO S. SANTILLANA**  
**DEPUTY ADMINISTRATOR II, RD 45**  
(Authorized Official)

**PABLO LUIS S. AZCONA**  
Administrator & Chief Executive Officer

Funds Available:

**PORTIA A. ASENTISTA**  
OIC, Accounting Division

BUR No. :

**PO - 2024 - 09 - 0556**

Amount :