



Republic of the Philippines
Department of Agriculture

SUGAR REGULATORY ADMINISTRATION

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SUGAR REGULATORY ADMINISTRATION

North Avenue., Diliman, Quezon City

BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BID BULLETIN NO. 1

This **Supplemental Bid Bulletin No. 1** dated **25 June 2024** is issued to inform the prospective bidders of the following amendments, modifications and clarifications on the items in the Philippine Bidding Documents (PBDs) for the **Supply and Delivery of Various Soils Laboratory Equipment** as previously posted in the Philippine Government Electronic Procurement System (PhilGEPS) and the Sugar Regulatory Administration (SRA) website. This Supplemental Bid Bulletin shall form an integral part of the Bidding Documents.

ORIGINAL BID DOCUMENT					CLARIFICATIONS/CORRECTIONS /CHANGES				
<i>Section VI. Schedule of Requirements</i>					<i>Section VI. Schedule of Requirements</i>				
Item No.	Description	Quantity	Total	Delivered, Weeks/Months	Item No.	Description	Quantity	Total	Delivered, Weeks/Months
Lot 2	CHEMICAL STORAGE CABINETS/Chemical Safety Cabinets (Refer to Section VII. Technical Specifications) Note: <ul style="list-style-type: none"> Certificate as to availability of parts and /or service support facilities 	2 units	2 units	Within sixty (60) Calendar days upon receipt of Notice to Proceed (NTP)	Lot 2	CHEMICAL STORAGE CABINETS/Chemical Safety Cabinets (Refer to Section VII. Technical Specifications) Note: <ul style="list-style-type: none"> Certificate as to availability of parts and / or service support facilities Must be Delivered at SRA LAREC, Floridablanca, Pampanga 	2 units	2 units	Within sixty (60) Calendar days upon receipt of Notice to Proceed (NTP)



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Section VII. Technical Specifications

Item	Specification
SUPPLY AND DELIVERY OF VARIOUS SOILS LABORATORY EQUIPMENT	
Microwave Digestion System (1 unit)	
Lot 1	A Specifications
A.6	Top-loading design that allows the vessels to be loaded from above, providing operator safety and comfort, with vent system
A.9	Magnetron power: dual magnetron 2000 watt
A.11	Can accommodate a maximum of 12 vessels for a single run and digest soil samples
A.21	A neutralization bottle to minimize toxic fumes coming from the vessel to the exhaust system
Chemical Storage Cabinets/chemical safety cabinets) (2 units)	
Lot 2	B Specifications
Note:	
<ul style="list-style-type: none"> Certificate as to availability of parts and/or service support facilities 	
Lot 3	Fully automated Kjeldahl digester and distillation system
C Specifications	Fully Automated Kjeldahl Digester, at least eight (8) positions w/ Scrubber (1 unit)
C.1	Temperature range: Ambient - 440°C
C.11	Digestion applications memory Up to 254
C.12	Digestion steps per application Up to 23
C.15	Power supply 200-240V, 50-60 Hz
C.16	Power consumption 2300-3600W

Section VII. Technical Specifications

Item	Specification
SUPPLY AND DELIVERY OF VARIOUS SOILS LABORATORY EQUIPMENT	
Microwave Digestion System (1 unit)	
Lot 1	A Specifications
A.6	<u>Top-loading/front loading design providing operator safety and comfort, with vent system</u>
A.9	Magnetron power: dual magnetron <u>1800 - 2000 watts</u>
A.11	Can accommodate a <u>minimum</u> of 12 vessels for a single run and digest soil samples
A.21	A neutralization bottle to minimize toxic fumes coming from the vessel to the exhaust system/ <u>equivalent system</u>
Chemical Storage Cabinets/chemical safety cabinets) (2 units)	
Lot 2	B Specifications
Note:	
<ul style="list-style-type: none"> Certificate as to availability of parts and/or service support facilities <u>Must be delivered at SRA LAREC, Floridablanca, Pampanga</u> 	
Lot 3	Fully automated Kjeldahl digester and distillation system
C Specifications	Fully Automated Kjeldahl Digester, at least eight (8) positions w/ Scrubber (1 unit)
C.1	<u>Temperature range: Ambient to 450°C</u>
C.11	<u>Digestion applications memory minimum of 103 to 254</u>
C.12	<u>Digestion steps per application minimum of 23-255</u>
C.15	Power supply <u>190</u> -240V, 50-60 Hz
C.16	Power consumption <u>1200</u> -3600W



Fully automatic Kjeldahl Distillation system (1 unit)		Fully automatic Kjeldahl Distillation system (1 unit)	
C.31	200 batches in the instrument software	C.31	200 batches in the instrument software or equivalent feature.
C.34	Measuring range 0.1 – 240 mg N	C.34	Measuring range 0.02 – 240 mg N
C.41	Variable steam addition 30-100% in steps of 10%	C.41	Variable steam addition 10 -100% in steps of 10%
C.46	Automatic tube door, Interlocked tube door, Removable tube door	C.46	Automatic tube door, Interlocked tube door, Removable tube door or equivalent door safety features
C.49	Water consumption (during distillation only) 3 L/min at water temp of 30°C*1 L/min at water temp of 15°C	C.49	Water consumption (during distillation only) 1.75 - 3 L/min at water temp of 20 - 30°C *1 L/min at water temp of 15°C
C.50	Power supply 200-240 VAC, 50-60 Hz,320- 3,000 W power consumption	C.50	Power supply 190 -240 VAC, 50-60 Hz,320- 3,000 W power consumption

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