



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

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

SUPPLEMENTAL/BID BULLETIN NO. 1

Supply and Delivery of Laboratory Equipment 2022-COB-01

With reference to the Bidding Documents for the Supply and Delivery of Laboratory Equipment, posted at the PhilGEPS and SRA websites, this Supplemental/Bid Bulletin is being issued to clarify, amend, modify some items in the provisions of the Bidding Documents in response to the recommendations raised by prospective bidders, as follows:

Section I. Invitation to Bid			
Par. 5	A complete set of Bidding Documents may be acquired by interested Bidders on November 14, 2022 to December 5, 2022 from the given address and website(s) below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB in the amounts indicated below. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.	Par. 5	A complete set of Bidding Documents may be acquired by interested Bidders on November 14, 2022 to December 14, 2022 from the given address and website(s) below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB in the amounts indicated below. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.
Par. 7	Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before December 5, 2022; 9:00 A.M. Late bids shall not be accepted.	Par. 7	Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before December 14, 2022; 1:00 P.M. Late bids shall not be accepted.
Par. 9	Bid opening shall be on December 5, 2022; 9:30 A.M. at the given address below and will be made available via Zoom platform for those who choose to attend virtually. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.	Par. 9	Bid opening shall be on December 14, 2022; 1:30 P.M. at the given address below and will be made available via Zoom platform for those who choose to attend virtually. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
Section II. Instruction to Bidders			
14.2	The Bid and bid security shall be valid until April 4, 2023. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.	14.2	The Bid and bid security shall be valid until April 13, 2023 . Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
Section III. Bid data Sheet (ITB Clause 12)			
The price of the Goods shall be quoted DDP SRA-LGAREC, Brgy. La Granja, La Carlota City, Negros Occidental or the applicable International Commercial Terms (INCOTERMS) for this Project.		The price of the Goods shall be quoted DDP SRA-LGAREC, Brgy. La Granja, La Carlota City, Negros Occidental and SRA, Araneta St., Singang, Bacolod City or the applicable International Commercial Terms (INCOTERMS) for this Project.	



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Section V. Special Conditions of Contract (GCC Clause 1)			
Delivery and Documents -		Delivery and Documents -	
Par. 2 The delivery terms applicable to this Contract are delivered to SRA-LGAREC, Brgy. La Granja, La Carlota City, Negros Occidental. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.		Par. 2 The delivery terms applicable to this Contract are delivered to SRA-LGAREC, Brgy. La Granja, La Carlota City, Negros Occidental and SRA, Araneta St., Singcang, Bacolod City . Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.	
Section VII. Technical Specifications			
A.2	Dual view optimizes axial and radial plasma viewing, measuring high and low concentrations in the same run	A.2	Dual view optimizes axial and radial plasma viewing, measuring high and low concentrations in the same run Or Single viewing design. The spectrometer must be equipped with a vertical torch and use radial viewing mode. Vertical torch and radial viewing of the plasma with Total Plasma View ensuring high sensitivity and stability for all kind of samples.
A.4	Measurement wavelength of at least 167nm to 900nm	A.4	Measurement wavelength of at least within the range of 160nm to 900nm
A.5	Spectral resolution of at least 0.006 nm @ 200 nm	A.5	The spectral resolution must be better than 6pm (0.006nm) for wavelengths lower than 320nm and better than 11pm for wavelength more than 320nm
A.8	Uptime by monitoring instrument and sample health to ensure sample accuracy	A.8	Uptime by monitoring instrument and sample health to ensure sample accuracy Or Early maintenance feedback that uses multitude instrument sensors and counters to track instrument health and provide guidance for when maintenance is needed.
A.11	Argon saving	A.11	Argon saving Volume: 1 Ar Tank (330 cu. ft) and 1 Spare Ar Tank (330 cu. ft) and able to use 99% purity argon to reduce argon costs; no equipment table needed
A.13	May include auto sampler unit	A.13	Must include auto sampler unit. Provided that it has a complete set of necessary accessories and consumables.
A.15	Intensive training (local or abroad) on instrument operation, troubleshooting and maintenance and calibration	A.15	Intensive training for 2 participants (local or abroad) on instrument operation, troubleshooting and maintenance and calibration
A.16	3 sets of instruments consumables parts	A.16	3 sets of instruments consumables parts, specifically, torch, set of tubings, nebulizers for acidic samples/solution, air filter and wavelength calibration solution (1 bottle)
A.18	Must Include ICP standards for (K, Ca, Mg, Fe, Zn, Mo, Cu, Mn, B, Si, P, Cr, Ni, Cd, Na and Pb)	A.18	Must Include ICP standards: 1000 ppm concentration multi elements (K, Ca and Mg), 1000 ppm P, 1000 ppm multi elements (Fe, Zn, Mo, Cu, Mn, B, Si, Cr, Ni, Cd, Na, Cl and Pb) or their compatible combinations

A.19	Warranty – two (2) years warranty for both service and consumable parts	A.19	Warranty – two (2) years warranty for both the equipment and serviceable parts. All consumables are excluded in the warranty unless there is damage upon delivery.
B.1	Cabinet Material: Coated steel	B.1	Cabinet Material: Coated steel or Epoxy Polyester Powder Coated Steel
B.3	Type: Mechanical convection	B.3	Type: Mechanical convection or Forced Air Ventilation, Extraction fan for faster drying
B.4	Dimension (DxWxH) interior: 54.5x54.4x133.5 cm	B.4	Dimension (DxWxH) interior: 54.5x54.4x133.5 cm Or Dimension (DxWxH) interior: not smaller than 50.0x54.0x133.0cm
B.5	Dimension (DxWxH) exterior: 77x77.8x154.5 cm	B.5	Dimension (DxWxH) exterior: 65.0x77.8x154.5 cm Or Dimension (DxWxH) exterior: not smaller than 65.0x77.0x154.0 cm
		C.3	To attach a Certificate of Exclusive Distributorship from the Manufacturer

CLARIFICATIONS ON PROSPECTIVE BIDDER'S QUERIES/RECOMMENDATIONS

BIDDER	SRA Specification	Recommendation	Reply
ITS Science (Phils.) Inc.		<i>Additional Requirement:</i> Certificate of exclusive distributorship from the manufacturer as part of the technical documents. Reason: This will strengthen the warranty of the offered equipment.	Granted.
Elasco International Corporation	Bid Data Sheet: ITB Clause 5.3 Contracts similar to the Project shall be: Laboratory Equipment and/or Instruments	To allow two (2) similar contracts, each contract to be 25% of the ABC. This would be an aggregate contract that will amount to 50% of the ABC.	Denied. Single Largest Completed Contract only.
	A.4 Measurement wavelength of at least 167nm to 900nm	A.4 Measurement wavelength of 167nm to 856nm	Granted. Measurement wavelength of at least within the range of 160nm to 900nm
	A.5 Spectral resolution of at least 0.006 nm @ 200 nm	A.5 Spectral resolution of 0.007 nm @ 200 nm or better	The spectral resolution must be better than 6pm (0.006nm) for wavelengths lower than 320nm and better than 11pm for wavelength more than 320nm

	A.18 Must Include ICP standards for (K, Ca, Mg, Fe, Zn, Mo, Cu, Mn, B, Si, P, Cr, Ni, Cd, Na and Pb)	A.18 For "Multi-element ICP standard, can we supply mixture of 4 to 5 elements in one bottle to control the matrix acid which would require PNP permit if we use above 3% HNO3 matrix."	Must Include ICP standards: 1000 ppm concentration multi elements (K, Ca and Mg), 1000 ppm P, 1000 ppm multi elements (Fe, Zn, Mo, Cu, Mn, B, Si, Cr, Ni, Cd, Na, Cl and Pb) or their compatible combinations
	Section VI. Schedule of Requirements: 60 calendar days upon receipt of the Notice to Proceed	Section VI. Schedule of Requirements: 90 calendar days upon receipt of the Notice to Proceed <i>Reason: This is considering the worldwide raw materials shortage and port congestion which increase manufacturing lead time and shipping.</i>	Denied.
Yana Chemodities, Inc.		Section VI. Schedule of Requirements: 150 calendar days upon receipt of the Notice to Proceed <i>Reason: The units come from Germany and considering the Holiday Season, delays in shipment is inevitable.</i>	Denied.
ALVTechnologies Philippines Inc.	A.2 Dual view optimizes axial and radial plasma viewing, measuring high and low concentrations in the same run	A.2 To consider a single viewing design which gives a better compliance. The spectrometer must be equipped with a vertical torch and use radial viewing mode. Vertical torch and radial viewing of the plasma with Total Plasma View ensuring high sensitivity and stability for all kind of samples. <i>Reason: "With the Vertical Torch Plasma, it will give you an optimized and better design rather than using 2 views which has a complex design. Vertical torch will improve stability with high concentrations of major elements or samples with high salt contents (geology, mining, sea water, brines...) Radial viewing mode is less subject to matrix effects and will improve accuracy when varying samples are analyzed."</i>	Granted. Dual view or single view is acceptable.
	A.4 Measurement wavelength of at least 167nm to 900nm	A.4 To consider a full wavelength coverage from 160 to 800nm. "Optional far UV kit for down to 120nm for halogen elements is available." <i>Reason: "The spectrometer must allow access to 100% of the emission spectrum between 160 to 800nm and extended to 120 to 800nm if Far UV option. Allowing access to the whole spectrum improves versatility and ensures that any kind of analysis will be possible in the future. Far UV will allow analysis of halogen elements."</i>	Granted. Measurement wavelength of at least within the range of 160nm to 900nm

	A.5 Spectral resolution of at least 0.006 nm @ 200 nm	A.5 To consider the highest resolution for an ICP-OES with a better spec of 0.005nm (5pm) for the range of 160 - 320nm (not only at 200nm). Requesting to rephrase the specifications to: Spectral resolution better than 6pm (0.006nm) for all wavelengths lower than 320nm and better than 11pm for wavelength over 320nm. <i>Reason: "This will allow measurements of elements in difficult and varying matrices. It will also have a capability to separate narrow lines for analysis in various samples. As examples, we can give separation of Cd and As around 228nm for soils analysis, various other examples can be found for metallic matrices or mining/geology applications."</i>	The spectral resolution must be better than 6pm (0.006nm) for wavelengths lower than 320nm and better than 11pm for wavelength more than 320nm
	A.13 May include auto sampler unit	A.13 "Please specify is autosampler a must for the current requirement."	Must include auto sampler unit. Provided that it has a complete set of necessary accessories and consumables.
	A.15 Intensive training (local or abroad) on instrument operation, troubleshooting and maintenance and calibration	A.15 "Can we send a manufacturer's representative to do the intensive training on site?"	Denied.
	A.16 3 sets of instruments consumables parts	A.16 "Please list down the consumable parts that you require as part of the unit."	3 sets of instruments consumables parts, specifically, torch, set of tubings, nebulizers for acidic samples/solution, air filter and wavelength calibration solution (1 bottle)
	A.18 Must Include ICP standards for (K, Ca, Mg, Fe, Zn, Mo, Cu, Mn, B, Si, P, Cr, Ni, Cd, Na and Pb)	A.18 'Kindly specify the concentration needed for the elements mentioned.'	Must Include ICP standards: 1000 ppm concentration multi elements (K, Ca and Mg), 1000 ppm P, 1000 ppm multi elements (Fe, Zn, Mo, Cu, Mn, B, Si, Cr, Ni, Cd, Na, Cl and Pb) or their compatible combinations

	Section VI. Schedule of Requirements: 60 calendar days upon receipt of the Notice to Proceed	To consider extending the delivery period to 7 months <i>Reason: The unit will be manufactured in Europe. There is a global issue on production caused by the pandemic and material shortage is experienced.</i>	Denied.
Molave Trading, Inc.	A.1 Can handle even the most difficult, low-to-high concentration samples without dilution, delivering productivity and performance (samples like soil, plant tissues, waste water, fertilizer and others)	A.1 Features a vertical torch allowing to measure the samples from high matrix (up to 25% TDS) to volatile organic solvents.	Denied.
	A.2 Dual view optimizes axial and radial plasma viewing, measuring high and low concentrations in the same run	A.2 True simultaneous system and can use axial and/or radial plasma viewing modes in a single method.	Denied.
	A.3 Detect from % range to sub ppb detection limits	A.3 No moving optical parts and a 35°C thermostatted optical bench to ensure the lowest detection limits (from % to sub ppb) and maximum signal stability	Denied.
	A.4 Measurement wavelength of at least 167nm to 900nm	A.4 Measurement wavelength within 167-900 nm <i>Reason: Wavelength range within 167-900 nm is more than enough to read all the analyte elements in the periodic table. Having too broad range (e.g. <167 nm to >900 nm) can result to increased spectral interferences, a phenomenon wherein an analyte's emission line overlaps with an interferent's emission line or band, and may have great effect in the overall analysis.</i>	Granted. Measurement wavelength of at least within the range of 160nm to 900nm
	A.5 Spectral resolution of at least 0.006 nm @ 200 nm	A.5 Spectral resolution of at least 0.006 nm @ 200 ± 5 nm or equivalent <i>Reason: Each instrument has its own technology and method to test the spectral resolution. Some instrument measures 0.006 nm at exactly 200 nm, but some may give higher than 0.006 nm due to measurement at 202 nm or higher wavelength. It is more appropriate to give a range for the measured resolution and wavelength instead of having just one specific value.</i>	The spectral resolution must be better than 6pm (0.006nm) for wavelengths lower than 320nm and better than 11pm for wavelength more than 320nm
	A.6 Offer the superior accuracy necessary to simultaneously and quickly analyze multiple elements regardless of their concentration level	A.6 True simultaneous ICP-OES systems that feature the VistaChip III CCD detector. Adaptive integration technology (AIT) on the CCD allows both intense and trace signals to be measured simultaneously at the optimum signal-to-noise ratio.	Denied.

	A.7 Powerful and automated data evaluation tools such as an automatic baseline correction algorithm and a tool for the correction of spectral interferences	A.7 Application-specific software captures data from the entire wavelength range, identifies spectral interferences and provides wavelength recommendations. It also allows 'heat map' result display to provide rapid and intuitive visualization of all elements in each sample	Denied.
	A.8 Uptime by monitoring instrument and sample health to ensure sample accuracy	A.8 Early maintenance feedback uses over 100 instrument sensors and counters to track instrument health and provide guidance for when maintenance is needed. Custom counters and alerts can be created	Uptime by monitoring instrument and sample health to ensure sample accuracy Or Early maintenance feedback that uses multitude instrument sensors and counters to track instrument health and provide guidance for when maintenance is needed.
	A.9 Simplifies maintenance and minimizes torch handling needs	A.9 The vertically oriented torch means less cleaning, less downtime and fewer replacement torches. A torch loader mechanism automatically aligns the torch and connects gases for fast startup and reproducible performance	Denied.
	A.11 Argon saving	A.11 Able to use 99.99% purity argon to reduce argon costs	Argon saving Volume: 1 Ar Tank (330 cu. ft) and 1 Spare Ar Tank (330 cu. ft) and able to use 99% purity argon to reduce argon costs; no equipment table needed
	A.12 Reduce consumable replacement costs by ensuring sample introduction components and high-wear items are cleaned and replaced only when necessary	A.12 The built-in self-health checks and proactive maintenance alerts keeps the instrument running without having to call a service engineer. Replacing components only when needed, rather than on a time-based schedule, saves on the cost of consumables.	Denied.
	A.13 May include auto sampler unit	A.13 Must include auto sampler unit for each ICP-OES <i>Reason: Users need to specify if an autosampler is needed so all bidders will include it in the offer.</i>	Must include auto sampler unit. Provided that it has a complete set of necessary accessories and consumables.

	<p>A.15 Intensive training (local or abroad) on instrument operation, troubleshooting and maintenance and calibration</p>	<p>A.15 Intensive training [local (# of pax) and abroad (# of pax)] on instrument operation, troubleshooting and maintenance and calibration <i>Reason: Users need to specify if foreign training is needed and how many participants should join the local and foreign training so all bidders will include it in the offer.</i></p>	<p>Intensive training for 2 participants (local or abroad) on instrument operation, troubleshooting and maintenance and calibration</p>
	<p>A.16 3 sets of instruments consumables parts</p>	<p>A.16 3 sets of instruments consumables parts (Pump tubing, torch) <i>Reason: Users need to specify what are the inclusions in the consumable parts. For routine use, the most common consumables are the pump tubing and torch.</i></p>	<p>3 sets of instruments consumables parts, specifically, torch, set of tubings, nebulizers for acidic samples/solution, air filter and wavelength calibration solution (1 bottle)</p>
	<p>A.18 Must Include ICP standards for (K, Ca, Mg, Fe, Zn, Mo, Cu, Mn, B, Si, P, Cr, Ni, Cd, Na and Pb)</p>	<p>A.18 Must Include ICP multi-element standards for 1000 ppm (K, Ca, Mg, Fe, Zn, Mo, Cu, Mn, B, Si, P, Cr, Ni, Cd, Na and Pb) <i>Reason: Users need to specify if single or multi-element standards are needed and in what concentration.</i></p>	<p>Must Include ICP standards: 1000 ppm concentration multi elements (K, Ca and Mg), 1000 ppm P, 1000 ppm multi elements (Fe, Zn, Mo, Cu, Mn, B, Si, Cr, Ni, Cd, Na, Cl and Pb) or their compatible combinations</p>
	<p>A.19 Warranty – two (2) years warranty for both service and consumable parts</p>	<p>A.19 Warranty – two (2) years warranty for both service and service/hardware parts <i>Reason: 3 sets of consumables are already included in the offer so only the service or hardware parts should be included in the 2-year warranty</i></p>	<p>Warranty – two (2) years warranty for both the equipment and serviceable parts. All consumables are excluded in the warranty unless there is damage upon delivery.</p>
		<p>Additional Inquiries/Requests: 1. Specify additional accessories to provide for 2 units ICP-OES such as volume of Argon gas and provisions of equipment table if needed 2. Specify total number of bid doc copies needed 3. To include in bid documents: Certificate of Distributorship of Supplier issued by source Manufacturer of ICP OES 4. To include in bid documents: Certificate of Technician's training of ICP OES issued by Manufacturer 5. To include in bid documents:</p>	<p>1. 1 Ar Tank (330 cu. ft) and 1 Spare Ar Tank (330 cu. ft) and able to use 99% purity argon to reduce argon costs; no equipment table needed 2. 1 original and 2 duplicate copies 3. Granted. To attach a Certificate of Exclusive Distributorship</p>

		Certificate of Application Chemist's training issued by Manufacturer	from the Manufacturer 4. Denied. 5. Denied.
Instrumix Supplier, Inc.	A.4 Measurement wavelength of at least 167nm to 900nm	A.4 Measurement wavelength of 167 nm to 800 nm <i>Reason: All relevant information of elemental analysis is below 800nm. Mostly is working on the UV region between 200nm - 400nm.</i>	Granted. Measurement wavelength of at least within the range of 160nm to 900nm
	A.19 Warranty – two (2) years warranty for both service and consumable parts	A.19 To request clarification on the “consumables” parts. Since these are consumables, generally there is no warranty on these items unless there is damage upon delivery.	Warranty – two (2) years warranty for both the equipment and serviceable parts. All consumables are excluded in the warranty unless there is damage upon delivery.
	Section VI. Schedule of Requirements: 60 calendar days upon receipt of the Notice to Proceed	Section VI. Schedule of Requirements: 90 - 120 calendar days	Denied.
Levins International Corporation	B.1 Cabinet Material: Coated Steel	B.1 Cabinet Material: Epoxy Polyester Powder Coated Steel	Granted.
	B.3 Type: Mechanical Convection	B.3 Type: Forced Air Ventilation, Extraction fan for faster drying	Granted.
	B.4 Dimension (DxWxH) interior: 54.5 x 54.4 x 133.5 cm	B.4 Dimension (DxWxH) interior: 500 x 555 x 1350mm	Granted.
	B.5 Dimension (DxWxH) exterior: 77 x 77.8 x 154.5 cm	B.5 Dimension (DxWxH) exterior: 655 x 860 x 1640mm	Granted.

The Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For the guidance and information of all concerned.

Issued this 7th day of December 2022.



ATTY. IGNACIO S. SANTILLANA
Chairperson, Regional Bids and Awards Committee