



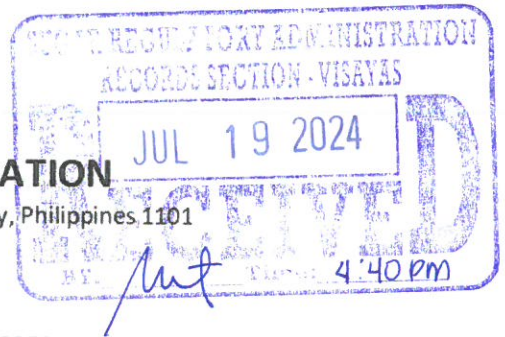
Republic of the Philippines  
Department of Agriculture

**SUGAR REGULATORY ADMINISTRATION**

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**SUPPLEMENTAL/BID BULLETIN NO. 1**

**Supply and Delivery of One (1) unit Ultra High Performance Liquid Chromatography (UHPLC) with Auto Sampler and Photodiode Array  
Bid Reference No. 2024-SIDA-11**

With reference to the Bidding Documents for Supply and Delivery of One (1) unit Ultra High Performance Liquid Chromatography (UHPLC) with Auto Sampler and Photodiode Array, posted at the PhilGEPS and SRA websites, this Supplemental/Bid Bulletin is being issued after having conferred with the Technical Working Group and the Provisional Member/End-user Representative, to clarify, amend, and 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			
From		To	
Project Title	INVITATION TO BID FOR SUPPLY AND DELIVERY OF ONE (1) UNIT HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) WITH AUTO SAMPLER AND PHOTODIODE ARRAY 2024-SIDA-10	Project Title	INVITATION TO BID FOR SUPPLY AND DELIVERY OF ONE (1) UNIT <b>ULTRA</b> HIGH PERFORMANCE LIQUID CHROMATOGRAPHY ( <b>UHPLC</b> ) WITH AUTO SAMPLER AND PHOTODIODE ARRAY 2024-SIDA- <b>11</b>
1.	The SUGAR REGULATORY ADMINISTRATION, through the SIDA GAA 2024 intends to apply the sum of Six Million Five Hundred Thousand Pesos (₱6,500,000.00) being the ABC to payments under the contract for the Supply and Delivery of One (1) unit High Performance Liquid Chromatography (HPLC) with Auto Sampler and Photodiode Array / 2024-SIDA-10. Bids received in excess of the ABC shall be automatically rejected at bid opening.	1.	The SUGAR REGULATORY ADMINISTRATION, through the SIDA GAA 2024 intends to apply the sum of Six Million Five Hundred Thousand Pesos (₱6,500,000.00) being the ABC to payments under the contract for the Supply and Delivery of One (1) unit <b>Ultra</b> High Performance Liquid Chromatography ( <b>UHPLC</b> ) with Auto Sampler and Photodiode Array / 2024-SIDA- <b>11</b> . Bids received in excess of the ABC shall be automatically rejected at bid opening.

Section II. Instruction to Bidders			
From		To	
Scope of Bid	The Procuring Entity, SUGAR REGULATORY ADMINISTRATION wishes to receive Bids for the Supply and Delivery of One (1) unit High Performance Liquid Chromatography (HPLC) with Auto Sampler and Photodiode Array with identification number 2024-SIDA-10.	Scope of Bid	The Procuring Entity, SUGAR REGULATORY ADMINISTRATION wishes to receive Bids for the Supply and Delivery of One (1) unit <b>Ultra</b> High Performance Liquid Chromatography ( <b>UHPLC</b> ) with Auto Sampler and Photodiode Array with identification number 2024-SIDA- <b>11</b> .



SUGAR REGULATORY ADMINISTRATION  
HUMAN RESOURCE & RECORDS SECTION  
DOCUMENT ARCHIVING SYSTEM  
SRA-VIS-1116377



Management System  
ISO 9001:2015  
www.tuv.com  
ID: 916508567



Section III. Bid Data Sheet			
From		To	
ITB Clause 5.3	For this purpose, contracts similar to the Project shall be:  a. High Performance Liquid Chromatography (HPLC) with Auto Sampler and Photodiode Array	ITB Clause 5.3	For this purpose, contracts similar to the Project shall be:  a. <b>Laboratory Chromatography Equipment</b>

Section VII. Technical Specifications			
From		To	
A	High Performance Liquid Chromatography with Auto Sampler and Photodiode Array, 1 unit	A	<b>Ultra</b> High Performance Liquid Chromatography with Auto Sampler and Photodiode Array, 1 unit
A.1	Pressure range: 0-15,000 psi	A.1	Pressure range: 0-15,000 psi <b>or higher</b>
A.4	Injection linearity: R>0.99999	A.4	Injection linearity: <b>at least R&gt;0.9999</b>
A.5	Flow accuracy: ±0.1	A.5	Flow accuracy: <b>±0.1-1</b>
A.8	Sample compartment temperature: 5-50°C	A.8	Sample compartment temperature: <b>within 1-50°C</b>
A.10	Has a system that automatically measures liquid levels in each individual channel and waste container	A.10	Has a system that automatically measures liquid levels in each individual channel and waste container <b>or its equivalent</b>
A.16	Autosampler allows sample preparation and complete analysis without human intervention.	A.16	<b>Autosampler allows complete analysis without human intervention</b>
A.18	a. Temperature range: 5-100°C in 0.1°C increments	A.18	a. Temperature range: <b>within 5-100°C</b> in 0.1°C increments
A.20	c. Temperature accuracy: ±0.1-0.5°C	A.20	c. Temperature accuracy: <b>±0.1-1.0°C</b>
A.21	d. Pre heater	A.21	d. Pre heater <b>or its equivalent</b>
A.22	e. Post column cooler	A.22	e. Post column cooler <b>or its equivalent</b>
A.26	c. Wavelength repeatability: ±0.1 nm	A.26	c. Wavelength repeatability: <b>±0.1 to 1 nm</b>
A.33	j. Optimized noise performance	A.33	j. Optimized noise performance <b>or its equivalent</b>
A.34	k. Low limit of detection	A.34	k. Low limit of detection <b>or its equivalent</b>
A.35	l. Wide portfolio of flow cells	A.35	l. Wide portfolio of flow cells <b>or its equivalent</b>
A.37	a. Foreign training for four (4) persons	A.37	a. <b>Training at the manufacturing site for 3 to 4 persons</b>
A.38	b. Common consumables should be included like 18mm column	A.38	b. <b>Start-up Kit: C18 column (at least 1 pc), 1.5L each of HPLC grade chemicals (water, methanol and acetonitrile), spare tubings for solvents and standards (sucrose, glucose, fructose and dextran).</b>

**Responses to Prospective Bidder's Queries:**

Bidder	Item	SRA Requirement/ Specification	Recommendations	Comments
<b>NOVEAULAB ASIA CORP.</b>	Section VII. Technical Specifications	Item A.1 Pressure range: 0-15,000 psi	Item A.1 <b>Is a pressure range of 0 – 14,500 psi acceptable?</b> As most of the applications are performed below 15,000 psi. Additionally, 15,000 psi will not be used as it is not recommended to continuously operate at the maximum pressure.	<b>ACCEPTED.</b> It is more or less equal to the maximum pressure requirement.

		Item A.18 a. Temperature range: 5-100°C in 0.1°C increments	Item A.18 <b>Can the maximum temperature range be lowered to 80°C?</b> As applications and methods are operated below 100 °C. Operating above 85°C leads to sample degradation, and column degradation. No method is operated at 100°C.	<b>ACCEPTED.</b>
		Item A.24 a. Wavelength range: 190-800 nm	Item A.24 <b>Can the wavelength detection be up to 700 nm only?</b> The usual applications related to sugars only require up to 400 nm. Sugars: 190 – 220 nm Sugar Alcohols: 190 – 220 nm Organic Acids: 200 – 260 nm Polyols: 190 – 220 nm Additives and Preservatives: within UV range	<b>DENIED.</b> To adhere to the requirements.
<b>GUILL-BERN CORP.</b>	Section VII. Technical Specifications	Item A.1 Pressure range: 0-15,000 psi	Item A.1 Binary Pump F (15,000 psi) <i>See Vanquish Split Samplers page 2</i> <i>Why are you looking for 15,000 when we are bidding for HPLC? Are we looking for a System that is inter operable across application platforms ie. HPLC FAST LC AND UHPLC that is field upgradable. (Single System)?</i> <b>Equivalent offer: Up to 18,000 psi</b>	<b>ACCEPTED.</b>
		Item A.4 Injection linearity: R>0.99999	Item A.4 r > 0.99999 <i>See Vanquish Split Samplers page 2</i> <b>Requesting range from 0.99999 to 0.9999</b> <i>How many levels of calibration? Requesting to consider equivalent.</i> <b>Equivalent offer: R&gt;0.9999</b>	<b>ACCEPTED.</b>
		Item A.5 Flow accuracy: ±0.1	Item A.5 Flow accuracy: ±0.1 <i>See Vanquish Pumps page 2</i> <i>What is the setting?</i> <b>Requesting to range from 0.1-1</b> <b>Equivalent offer: ± 1 % or ± 10 µL/min - Condition: Water in a flow range &gt;0.200mL/min</b>	<b>ACCEPTED.</b>
		Item A.7 Excess pressure monitoring	Item A.7 <i>Excess pressure monitoring</i> <i>See Vanquish Pumps page 2</i> <i>What do we mean by excess pressure monitoring? What is the objective of this specifications? Requesting to consider equivalent.</i> <b>Equivalent offer: The ILD injection valve minimizes the pressure drop during injection that is observed for traditional injection valves. The ILD injection valve can improve column lifetime by preventing</b>	<b>DENIED.</b> ILD injection valve is just use to minimize pressure but we still need a system in the equipment that monitors the excess pressure.

		<b>pressure shock to the column during valve switching</b>	
Item A.10 Has a system that automatically measures liquid levels in each individual channel and waste container	Item A.10 Has a system that automatically measures liquid levels in each individual channel and waste container <i>See vanquish solvent monitor screenshot and Vanquish Horizon UHPLC System page 5 This specification is referring to one specific brand wherein it is stated to their brochure. Requesting to consider equivalent.</i> <b>Equivalent offer: Waste Management Module</b>		<b>ACCEPTED.</b>
Item A.11 Eliminates the pressure drop	Item A.11 Eliminates the pressure drop <i>See Vanquish Horizon UHPLC System page 9 What do you mean by eliminate pressure drop? Requesting to consider equivalent.</i> <b>Equivalent offer: The Intermediate Loop Decompression injection valve minimizes the pressure drop during injection that is observe for traditional injection valves.</b>		<b>DENIED.</b> To adhere to the requirements. We need a system that eliminates pressure drop and not just minimizing the pressure drop.
Item A.12 High quality long life valves	Item A.12 Thermo - Vanquish Long-life valves <i>See Vanquish Horizon UHPLC System page 15 Is it possible to consider valves with much better technology? Requesting to consider equivalent.</i> <b>Equivalent offer: The Intermediate Loop Decompression injection valve can improve column lifetime by preventing pressure shock to the column during valve switching</b>		<b>ACCEPTED.</b> But no need to amend since the ILD is considered high quality valve.
Item A.13 Easy instrument familiarization with intuitive system operation/operational simplicity	Item A.13 Easy instrument familiarization with intuitive system <i>See Vanquish Flex UHPLC Systems page 3 Requesting to consider equivalent.</i> <b>Equivalent offer: LC 300 UHPLC system is intuitive and designed to meet high-throughput lab requirements</b>		<b>ACCEPTED.</b> But no need to amend since the offer is intuitive already as specified.
Item A.15 Remote instrument monitoring	Item A.15 Remote real time monitoring <i>See Ensuring robust sequences through automatic continuous management of HPLC mobile phases and waste page 3 Is it possible to consider LCD Display attached to the equipment and with PC. Requesting to</i>		<b>DENIED.</b> To adhere to the requirements.

			<i>consider equivalent.</i> <b>Equivalent offer: High visibility color LCD display showing full instrument system status, current queue and sample progress</b>	
Item A.20 c. Temperature accuracy: $\pm 0.1-0.5^{\circ}\text{C}$	Item A.20 <b>Requesting to give range up to 1 degrees celsius</b>			<b>ACCEPTED.</b>
Item A.22 e. Post column cooler	Item A.22 Post column cooler <i>See Post column cooler screenshot. Is it possible to offer equivalent? Requesting to consider equivalent.</i> <b>Equivalent offer: Optional sample cooling</b>			<b>ACCEPTED.</b>
Item A.26 c. Wavelength repeatability: $\pm 0.1$ nm	Item A.26 <b>Requesting to give range from 0.1 to 1</b>			<b>ACCEPTED.</b>
Item A.32 i. Excellent linearity	Item A.32 Excellent linearity <i>See Vanquish Variable Wavelength Detectors Page 1 What is the criteria for excellent linearity? It it bases on the linearity mentioned above? If that's the case it is a redundant in specification.</i> <b>Note: Redundant Specifications</b>			<b>ACCEPTED.</b> Just refer to A.4.
Item A.33 j. Optimized noise performance	Item A.33 Optimized noise performance <i>See Vanquish Variable Wavelength Detectors Page 1 What is the parameter for optimized noise performance? Requesting to consider equivalent.</i> <b>Please identify so we can offer</b>			<b>ACCEPTED.</b> Whatever parameter that can optimized noise performance is accepted
Item A.34 k. Low limit of detection	Item A.34 Low limit of detection <i>See Vanquish Diode Array Detectors and Multi Wavelength Detectors Page 1 What is the range of low limit of detection? Requesting to consider equivalent.</i> <b>Please identify so we can offer</b>			<b>ACCEPTED.</b> No range since this will be used for research. Limit of detection may vary depending on the research method
Item A.35 l. Wide portfolio of flow cells	Item A.35 Wide portfolio of flow cells <i>See Vanquish™ Flow Cells for Vanquish™ Diode Array Detector Screenshot Identify the wide porfolio of flow cell? Requesting to consider equivalent.</i> <b>Please identify so we can offer</b>			<b>ACCEPTED.</b> No range since this will be used for research. It may vary depending on the research method.
Item A.38 b. Common consumables should be included like 18mm column	Item A.38 <b>Please specify your preferred start-up kit</b>			<b>ACCEPTED.</b> Start-up Kit: C18 column (at least 1 pc), 1.5L each of HPLC grade chemicals (water, methanol and

				acetonitrile), spare tubings for solvents and standards (sucrose, glucose, fructose and dextran).
Section III. Bid Data Sheet	ITB Clause 5.3: For this purpose, contracts similar to the Project shall be:  a. High Performance Liquid Chromatography (HPLC) with Auto Sampler and Photodiode Array	ITB Clause 5.3: For this purpose, contracts similar to the Project shall be:  <b>a. Any Laboratory Analytical Equipment not just Chromatography</b> <i>Rationale: HPLC is also a part of a Laboratory Equipment and we just regain the brand for this project but in the past years we have installation of this equipment. This will give a chance to the new distributors to have an equal opportunity to join this bid. We can assure you that we are ready to support in any technical concerns since we have a dedicated technical engineers and experts of Chromatography for PerkinElmer. Our Principal and our engineer will be the ones to assist the client during the commissioning and training. We will provide their names and contact number upon submission of the bidding documents</i> <i>(Reference: Section 3 of the Republic Act No. 9184)</i>	<b>DENIED.</b> But SLCC is amended to <b>Laboratory Chromatography Equipment.</b> Section 23.4.1.3 of the 2016 Revised I.R.R. states that the bidder must have completed, within the period specified in the Invitation to Bid, an SLCC that is SIMILAR to the contract to be bid. As stated under NPM 143-2017, this requirement should not be compromised since this gives the assurance that the bidder has sufficient experience and reliable track record and establishes the bidder's capacity to perform the contractual obligations, or it is not the first time that the prospective bidder will be required to accomplish such an undertaking.	
Section VI. Schedule of Requirements	Delivery Period: Sixty (60) calendar days upon receipt of the Notice to Proceed	Delivery Period: <b>Request to extend: 90 - 120 Calendar days</b>	<b>DENIED.</b> But the winning bidder/supplier will be given the opportunity to submit a written request for delivery extension presenting valid grounds, in accordance with the provisions stated under the GPPB Generic Procurement Manual and the 2016 Revised I.R.R. of R.A. 9184.	
<b>SIGMATECH INC.</b>	Section VII. Technical Specifications	Item A.8 Sample compartment temperature: 5-50°C	Item A.8 <b>Requesting to change the temperature range of the Auto Sampler to 1 to 45 degrees (1-45°C) instead.</b> Most applications are done in room temp 28 to 32 degrees while a good half of applications are done 35 to 40 degrees celsius	<b>ACCEPTED.</b>
		Item A.15 Remote instrument monitoring	Item A.15 <b>Does remote monitoring mean being able to use the machine remotely like through a</b>	<b>Yes, on the second assumption.</b>

			cellphone/ipad? Or does this mean our engineers can evaluate your system remotely if ever there is a problem?	
		Item A.16 Autosampler allows sample preparation and complete analysis without human intervention.	Item A.16 <b>What sort of sample preparation must happen in the auto sampler? Our system is capable of automatically injecting the samples placed in the tray without human intervention. Sample preparation is usually done externally.</b>	<b>ACCEPTED.</b>
		Item A.21 d. Pre heater	Item A.21 <b>Pre heater or equivalent</b>	<b>ACCEPTED.</b>
		Item A.22 e. Post column cooler	Item A.22 <b>Requesting to remove this specification since it is a lock out spec of thermofischer scientific. This part is only meant to decrease the noise and drift of your peaks which our instrument is capable of doing without a post column cooler.</b>	<b>DENIED.</b> But an equivalent will be accepted.
		Item A.24 a. Wavelength range: 190-800 nm	Item A.24 <b>Requesting to change the specs to 190 to 650nm</b> Applications involving DAD never go beyond 600nm, except for a few rare cases. If ever you'd like to go beyond the wavelength range of 600, we highly suggest using a UV-VIS detector instead to avoid any problems down the road. We can also offer a DAD detector plus a UVVIS detector for a wider range of applications.	<b>DENIED.</b> To adhere to the requirements.
		Item A.37 a. Foreign training for four (4) persons	Item A.37 <b>a. Foreign training for three (3) persons</b> I think it would be best to accommodate 3 persons instead of 4 so we can focus more of the budget in the instrument itself	<b>ACCEPTED.</b> To revise "Foreign Training for four (4) persons" to Training at the manufacturing site for 3 to 4 persons to enable the end-users to discuss with the technical support people, since this is considered a highly technical and scientific equipment, to fully understand the entire system and its principle and will give the assurance of a reliable production site and availability of parts.
		Item A.42 f. Hands-on training and method development onsite	Item A.42 <b>We have several applications revolving sugar cane, fertilizer, and soil using our DAD and UV/VIS detector. Additionally,</b>	<b>DENIED.</b> To adhere to the requirements, PDA.

			<p><b>we work with IRR1 and PhilRice on other research methods which we could present to you as well. Would it be possible for you to specify which application you'd like to focus on first so we could configure your unit accordingly?</b></p>	
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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 19<sup>th</sup> day of July 2024.



**ATTY. GUILLERMO C. TEJIDA III**  
 Chairperson, Regional Bids and Awards Committee