



Republic of the Philippines
 Department of Agriculture
BUREAU OF FISHERIES AND AQUATIC RESOURCES
BIDS AND AWARDS COMMITTEE OFFICE

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SUPPLEMENTAL BID BULLETIN 01

April 30, 2024

SUBJECT : Bid Reference 2024 – 29 entitled “SUPPLY, DELIVERY AND INSTALLATION OF AUTOCLAVE AND U-HPLC EQUIPMENT FOR NFLD”

This Supplemental Bid Bulletin no. 1 is issued to all participating bidders to clarify, amend and/or modify certain provisions and requirements set forth under the above-entitled procurement project, to wit:

➤ **I. INVITATION TO BID (pg. 6-8)**

FROM/Bidders' Inquiry	TO/BFAR Response
SCHEDULE OF SUBMISSION OF BIDS: May 06, 2024, Monday at 10:30AM SCHEDULE OF OPENING OF BIDS: May 06, 2024, Monday at 11:00AM	SCHEDULE OF SUBMISSION OF BIDS: May 08, 2024, Wednesday at 9:30AM SCHEDULE OF OPENING OF BIDS: May 08, 2024, Wednesday at 10:00AM

➤ **III. BID DATA SHEET (pg. 17-24)**

FROM/Bidders' Inquiry	TO/BFAR Response
5.3 -Is the SLCC of 50% is the ABC of per lot that we will join? -SLCC – if possible that the two lots are similar in nature which can be Laboratory Equipment, for us to join the two bids within five (5) years prior to the deadline for the submission and receipt of bids.	5.3 -Yes. The SLCC of 50% of the ABC of the LOT you wish to join. -It is NOT POSSIBLE. Autoclaves (Lot 1) are common equipment for laboratories while the U-HPLC (Lot 2) is a highly technical equipment used for accurate and sensitive detection of analytes within seven (7) years prior to the deadline for the submission and receipt of bids for LOT 2 ONLY.
15 -Meaning of bound? Soft or hard bound?	15 -Any bound will do like spiral, soft or hard bound, etc. These types of binding will suffice - spiral, soft or hard bound.

<p>-Do we need to submit scanned copy and physical copy or either?</p>	<p>-If you submit a physical copy, you may or may not submit a scanned copy. But if you submit a scanned copy, you MUST SUBMIT a physical copy. For the submission of scanned copies or soft copies, kindly email to bac.eps@bfar.da.gov.ph and specify the project and lot you are joining.</p>
<p>-If we wish to join for two lots, do we need to submit TWO (2) Bidding Documents for the different lots?</p>	<p>-YES, since we have different bid docs. fee.</p>

➤ **V. SPECIAL CONDITIONS OF CONTRACT**

FROM/Bidders' Inquiry	TO/BFAR Response
<p>CLAUSE 1: DELIVERY AND DOCUMENTS (p.29)</p> <p>BFAR National Fisheries Laboratory Division (NFLD) - 3/F Arcadia Building, 860 Quezon Avenue, Laging Handa Quezon City.</p>	<p>CLAUSE 1: DELIVERY AND DOCUMENTS (p.29)</p> <p>BFAR National Fisheries Laboratory Division (NFLD) - 3/F Arcadia Building, 860 Quezon Avenue, Brgy. Paligsahan, Quezon City.</p>

➤ **VI. SCHEDULE OF REQUIREMENTS (pg. 33)**

FROM/Bidders' Inquiry	TO/BFAR Response
<p>LOT 1 and 2</p> <p>-Extension of delivery period from 60 calendar days to 90 calendar days upon receipt of Notice to Proceed (NTP)</p>	<p>LOT 1 and 2</p> <p>Lot 1: NO. Still SIXTY (60) calendar days upon receipt of (NTP) for replacement of the already condemned items.</p> <p>Lot 2: YES. We can extend the delivery to NINETY (90) calendar days upon receipt of NTP.</p>
<p>Place of Delivery:</p> <p>BFAR NFLD - 3/F Arcadia Building, 860 Quezon Avenue, Laging Handa, Quezon City.</p>	<p>Place of Delivery:</p> <p>BFAR NFLD - 3/F Arcadia Building, 860 Quezon Avenue, Brgy. Paligsahan, Quezon City.</p>

➤ **VII. TECHNICAL SPECIFICATIONS**

FROM/Bidders' Inquiry	TO/BFAR Response
<p>LOT 1: AUTOCLAVE EQUIPMENTS (p. 35-36)</p> <p>-Capacity: 50-60L</p>	<p>LOT 1: AUTOCLAVE EQUIPMENTS (p. 35-36)</p> <p>-Capacity: ranging from 50L to 62L</p>

<p>-Temperature Range(°C): 105-135°C</p> <p>-Display: Fully automatic with Exhaust/ drain line</p> <p>-Safety Features: Lower water level detection</p> <p>-Safety Features: Sensory open alarm</p> <p>-Safety Features: Pressure interlock on the door</p> <p>*Certification from the Manufacturer:</p> <p>a. Calibration certificate of the equipment</p>	<p>-Temperature Range(°C): 100 - 140°C</p> <p>-Display: Fully automatic with Exhaust/ drain line or its equivalent</p> <p>-Safety Features: Lower water level detection or its equivalent</p> <p>-Safety Features: Sensory open alarm (sterilization and if the water is below its level).</p> <p>-Safety Features: Pressure interlock on the door or its equivalent</p> <p>*Certification from the Manufacturer:</p> <p>a. Calibration certificate of the equipment must be submitted upon delivery of the equipment.</p>
<p>LOT 2: ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) UV-DIODE ARRAY DETECTOR (p. 37-39)</p> <p>UV/Vis detector capable of $\lambda = 254$ nm (UV), Deuterium (D2) & Tungsten (W) Lamp</p> <ul style="list-style-type: none"> Wavelength accuracy: ± 1nm Wavelength Precision: ± 0.1nm <p>Fluorescence detector capable of $\lambda = 254$ nm (UV), Xenon Lamp</p> <ul style="list-style-type: none"> Wavelength accuracy: ± 2 nm <p>Auto-sampler</p> <ul style="list-style-type: none"> Max. Operating Pressure: up to ≥ 40 MPa Capable of at least 100 sample vials Injection-Volume: 0.1 to 100μL Injection Accuracy: $\leq \pm 1\%$ Sample cooler: $\leq 10^\circ\text{C}$ to $\geq 45^\circ\text{C}$ 	<p>LOT 2: ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) UV-DIODE ARRAY DETECTOR (p. 37-39)</p> <p>PHOTODIODE ARRAY DETECTOR</p> <ul style="list-style-type: none"> Wavelength accuracy: $\leq \pm 1$nm Wavelength Precision: $\leq \pm 0.1$nm Wavelength range: 200 nm - 700nm or wider range <p>Fluorescence detector capable of $\lambda = 254$ nm (UV), Xenon Lamp</p> <ul style="list-style-type: none"> Wavelength range: 200nm - 600nm or wider range Wavelength accuracy: $\leq \pm 2$ nm <p>Auto-sampler</p> <ul style="list-style-type: none"> Max. Operating Pressure: AT LEAST 70 MPa Capable of at least 100 sample vials Injection-Volume: 0.1 to 50μL Injection Accuracy: $\leq \pm 1\%$ Sample cooler: 10°C to 40°C or wider range

- Operating pH range: pH 1 to pH 14

- With sample vials tray

Pump (Solvent Delivery Unit) & Degassing Unit

- Capable of four (or more) solvents
- Flow rate range: ≤ 0.0005 mL/min to 10.00 mL/min
- Flow rate precision: $\leq 0.10\%$ RSD
- pH range: pH 1 – pH 14
- Max. Operating Pressure: up to ≥ 40 MPa

Column oven capable of 10 to 100°C (especially 25 °C \pm 2°C)

- Temperature Accuracy: $\pm 0.5^\circ\text{C}$
- Temperature Precision: $\pm 0.05^\circ\text{C}$

OTHER ACCESSORIES & AUXILIARIES:

- Updated LC software with automation and result analysis function
- Filtration kit with vacuum pump
- Complete PC system
 - o Operating System: minimum Microsoft Windows 10
 - o Hard Drive: Minimum 1TB
 - o Monitor
 - o Processor: minimum i5, 8G RAM
- Continuous Printer
- Automatic Voltage Regulator (AVR) compatible with accessories and equipment of the UPLC system
- Mobile phase bottles with cap adapter

CONSUMABLES:

- LC Column, (Kromasil®1) C18 5 μm 100 Å (25 cm \times 4.6 mm) or equivalent
- Amber vials, 1.5-mL, with cap and Preslit

- Operating pH range: pH 1 to **pH 12 or wider range**

- With sample vials tray

Pump (Solvent Delivery Unit) & Degassing Unit

- Capable of four (or more) solvents
- Flow rate range: **0.001 mL/min to 10.00 mL/min or wider range**
- Flow rate precision: $\leq 0.10\%$ RSD
- pH range: **pH 1 to pH 12 or wider range**
- Max. Operating Pressure: **at least 70 MPa**

Column oven capable of 10 to 100°C (especially 25 °C \pm 2°C)

- Temperature Accuracy: **$\leq \pm 1.0^\circ\text{C}$**
- Temperature Precision: **$\leq \pm 0.05^\circ\text{C}$**

OTHER ACCESSORIES & AUXILIARIES:

- Updated LC software with automation and result analysis function
- Filtration kit with vacuum pump
- Complete PC system
 - o Operating System: minimum Microsoft Windows 10
 - o Hard Drive: Minimum 1TB
 - o Monitor
 - o Processor: minimum i5, 8G RAM
- Continuous Printer
- Automatic Voltage Regulator (AVR) compatible with accessories and equipment of the UPLC system
- Mobile phase bottles with cap adapter

CONSUMABLES:

- LC Column, (Kromasil®1) C18 5 μm 100 Å (25 cm \times 4.6 mm) or equivalent
- Amber vials, 1.5-mL, with cap and Preslit

PTFE/Silicon septum, 100/pkg	PTFE/Silicon septum, 100/pkg
*Certification from the Manufacturer: a. Calibration certificate of the equipment c. Hands-on training by the principal supplier	* Certification from the Manufacturer: a. Calibration certificate of the equipment must be submitted upon delivery of the equipment. c. Hands-on training by the principal supplier -training must be conducted by the principal supplier on proper use and basic maintenance and troubleshooting of U-HPLC for two (2) analysts within three (3) months from the delivery of the equipment.

➤ **VIII. CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS**

FROM/Bidders' Inquiry	TO/BFAR Response
TECHNICAL DOCUMENTS (p. 41) *Certification from the Manufacturer: 6. Calibration certificate of the equipment; 8. Hands-on training by the principal supplier	TECHNICAL DOCUMENTS (p. 41) * Certification from the Manufacturer: 6. DELETED 8. Hands-on training by the principal supplier for LOT 2 ONLY

****nothing follows****

All other portions of the Bidding Documents affected by these amendments shall be made to conform the same.

Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

The changes made in the Philippine Bidding Documents (6th Edition, July 2020) are deemed integrated in terms and conditions for this project.

For further inquiries, please coordinate/email the Bids and Awards Committee Secretariat at bac.eps@bfar.da.gov.ph.

Please be guided accordingly.

Original signed

ATTY. GLADY MAE TALAN KIAT-ONG

Vice-Chairman, Bids and Awards Committee