



Republic of the Philippines
Department of Agriculture
Bureau of Fisheries and Aquatic Resources
BIDS AND AWARDS COMMITTEE OFFICE

2/F BFAR Bldg., BAC Office, Bureau of Plant Industry Compound, Visayas Avenue, Diliman, Quezon City, Philippines 1101
Tel. No.: +02. 332. 4661 website: www.bfar.da.gov.ph e-mail: bac.eps@bfar.da.gov.ph

SUPPLEMENTAL BID BULLETIN 01
February 03, 2023

SUBJECT : Bid Reference 2023-08 entitled "Laboratory Equipment for Legislated Hatcheries in Region XIII - CARAGA."

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

FROM

PR No.	Lot No.	Description	Approved Budget for the Contract (ABC) (Php)	Bidding Documents Fee (Php)
23-01-24	5	Laboratory Equipment for Legislated Hatcheries in Region XIII - CARAGA.	2,460,000.00	5,000.00

TO

PR No.	Lot No.	Description	Approved Budget for the Contract (ABC) (Php)	Bidding Documents Fee (Php)
23-01-24	1	Compound Microscope with Documentation System (1 Unit of Compound Microscope, 1 Unit of Documentation System (Camera), 1 Unit of C-mount Adaptor, and 1 Unit of Documentation System (Laptop).	900,000.00	1,000.00

	2	Semi-Micro Analytical Balance	240,000.00	500.00
	3	Micropipette Set (2 Units of Micropipette, 10-100 μ L, 2 Units of Micropipette, 20-200 μ L, and 2 Units of Micropipette, 100-1000 μ L)	100,000.00	500.00
	4	Field Colorimeter with IP67 Rating	95,000.00	500.00
	5	Portable Multi Parameter Water Quality Checker (3 Units)	1,125,000.00	500.00
			2,460,000.00	

II. SECTION III, 14.1 BID DATA SHEET

FROM

The bid security shall be in the form of a Bid Securing Declaration, or any of the forms and amounts:

- The amount of not less than **Php 49,200.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
- The amount of not less than **Php 123,000.00**, if bid security is in Surety Bond.

TO

LOT 1

- The amount of not less than **Php 18,000.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
- The amount of not less than **Php 45,000.00**, if bid security is in Surety Bond.

LOT 2

- The amount of not less than **Php 4,800.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
- The amount of not less than **Php 12,000.00**, if bid security is in Surety Bond.

LOT 3

- c. The amount of not less than **Php 2,000.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
- d. The amount of not less than **Php 5,000.00**, if bid security is in Surety Bond.

LOT 4

- e. The amount of not less than **Php 1,900.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
- f. The amount of not less than **Php 4,750.00**, if bid security is in Surety Bond.

LOT 5

- g. The amount of not less than **Php 56,250.00**, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or

The amount of not less than **Php 22,500.00**, if bid security is in Surety Bond

III. TECHNICAL SPECIFICATIONS

FROM

Lot No. 1, 2, 3, 4 and 5 : **Laboratory Equipment for Legislated Hatcheries in Region XIII - CARAGA.**

Approved Budget for the Contract (ABC): **Php 2,460,000.00**

TO

Lot No. 1 : **Compound Microscope with Documentation System** (1 Unit of Compound Microscope, 1 Unit of Documentation System (Camera), 1 Unit of C-mount Adaptor, and 1 Unit of Documentation System (Laptop).

Approved Budget for the Contract (ABC): **Php 900,000.00**

Lot No. 2 : **Semi-Micro Analytical Balance**

Approved Budget for the Contract (ABC): **Php 240,000.00**

Lot No. 3 : **Micropipette Set** (2 Units of Micropipette, 10-100 μ L, 2 Units of Micropipette, 20-200 μ L, and 2 Units of Micropipette, 100-1000 μ L)

Approved Budget for the Contract (ABC): **Php 100,000.00**

Lot No. 4 : **Field Colorimeter with IP67 Rating**

Approved Budget for the Contract (ABC): **Php 95,000.00**

Lot No. 5 : **Portable Multi Parameter Water Quality Checker (3 Units)**

Approved Budget for the Contract (ABC): **Php 1,125,000.00**

ESTABLISHMENT OF LEGISLATED HATCHERIES

IN LINGIG, SURIGAO DEL SUR AND JABONGA, AGUSAN DEL SUR

TERMS OF REFERENCE

I. BACKGROUND

High-quality seed, of known breeding history, is increasingly sought in aquaculture because, with appropriate husbandry, its performance is more predictable than that from seed of unknown provenance.

Provision of adequate quantities of good quality wild or domesticated, genetically improved seed for aquaculture is highly complex. It depends upon a wide range of environmental, biological, and socioeconomic factors that are often interactive. For seed that is collected from the wild or raised from wild caught broodstock, available quantities depend mainly upon the status of the capture fisheries from which the seed or broodstock are taken. Many of these fisheries are in decline through overexploitation and environmental degradation. The live reef food fish trade for marine carnivorous finfish (groupers and snappers) is a good example (ADB, 2003).

The aquaculture subsector in the Philippines has not yet realized its full potential in terms of contribution to national growth and development. One of the reasons is the issue of resource depletion. The reliance of wild seed stock, limited species varieties and high cost of fry has resulted in depletion of wild/natural stock over time. The depletion problem, in turn, is associated with the lack of hatchery technology as well as limited funds/investment for hatchery and broodstock development.

The House of Representatives undertakes measures to provide concrete solutions to address these problems through passing a House Bill and enactment of legislation and in addressing food security, promoting sustainable development of fisheries resources and reducing poverty incidence among the fisherfolk.

Republic Act 10787 and 10813 mandates BFAR to establish under its supervision a multi-species hatchery in Lingig, Surigao del Sur, and Jabonga, Agusan del Norte. In order to operate the hatchery, microscopes and laboratory equipment that measure water quality parameters such as salinity, pH levels and temperature are required. The equipment will allow the technicians to ensure that the fry would thrive in clean and non-toxic waters. This would also make sure that the production estimates presented in the feasibility study will

be met, improving fish and seafood sufficiency. Hence this project is being proposed to operationalize the provisions of the law.

II. OBJECTIVES

The goal of this project is to strengthen the hatchery industry to address critical farming issues, such as limited species variety, high fry cost and erratic supply.

Specific:

To construct the multi-species hatcheries in the following sites:

- Lingig, Surigao del Sur
- Jabonga, Agusan del Norte,

III. QUALIFICATION REQUIREMENTS

1. The bidders must have completed a similar contract/project Equivalent to fifty percent (50%) of the ABC within five (5) years from the date of the Bid Opening.
2. The bidder must submit the following:
 - I. Certified true copy of Certificate of Distributorship of Dealership in the Philippines issued by the Manufacturer, or in case of Reseller, Authorization to Bid issues by the Authorized Distributor.

IV. TECHNICAL SPECIFICATIONS

COMPOUND BINOCULAR/TRINOCULAR MICROSCOPE

The microscopes shall have the following:

1. 40x, 100x, 1000x magnification
2. LED / halogen light source

WATERPROOF HANDHELD DIGITAL pH METER FOR SALTWATER

The pH meter shall have the following:

1. ± 0.1 pH accuracy

DISSOLVED OXYGEN METER

The oxygen meter shall have the following:

1. IP67 water resistance rating
2. 1-meter probe cable length

HANDHELD REFRACTOMETER

The handheld refractometer shall have the following:

1. IP65 water resistance rating
2. Specific gravity range of 1.000 to 1.070

WATER QUALITY TEST KIT FOR DISSOLVED OXYGEN

The test kit shall have the testing capacity for the following:

1. Dissolved oxygen
2. Ammonia
3. Nitrite
4. Nitrate
5. pH level

DIGITAL ANALYTICAL BALANCE

The balance shall have the following:

1. 5kg capacity
2. 0.01g accuracy
3. Weighing plate dimensions of 180mm x 160mm
4. Overall dimensions of 35cm x 24cm x 12.5cm

MULTI PARAMETER WATER QUALITY CHECKER

The water quality checker shall have the following:

1. IP67 water resistance rating
2. impact-resistance
3. waterproof case
4. Multi-probe system that simultaneously measures the following:
 - i. Dissolved oxygen
 - ii. pH
 - iii. Salinity
 - iv. Conductivity
 - v. Temperature
 - vi. Total dissolved solids
5. Barometer
6. Overall dimensions of 11.9cm (W) x 22.9cm (L)
7. 10-meter cable length
8. 1 set of pH4 buffer solution (6 bottles, 475mL per)
9. 1 set of pH7 buffer solution (6 bottles, 475mL per)
10. 1 set of pH10 buffer solution (6 bottles, 475mL per)

*All equipment units shall include at least one (1) year warranty on parts and services.

V. DUTIES AND RESPONSIBILITIES OF THE WINNING BIDDER

1. The winning bidder shall certify that he/she, at his/her own expense, inspected and examined the proposed project site and its surroundings related to the delivery of the

work and has obtained all the pieces of information that are considered necessary for the delivery of the equipment.

2. They will be held accountable for accidents that might occur during the delivery of equipment.
3. They will be responsible for the supply, delivery, installation, testing, and commissioning of equipment.
4. They should provide basic training on how to operate the equipment to the end-user.
5. They should start delivering upon receiving notice to proceed within 180 calendar days.
6. The bidder should provide a warranty certificate with the inclusion of parts and services for a period of One (1) year.
7. Coordinate with the BFAR-IFAD regarding the delivery of equipment.

VI. DUTIES AND RESPONSIBILITIES OF BFAR-IFAD

1. Notify the supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes. All reasonable facilities and assistance for the inspection and testing, including access to drawings, shall be provided by the supplier to the authorized inspector at no charge to the Procuring Entity.
2. Coordinate with the winning bidder regarding the delivery of Laboratory Equipment.
3. Conduct monitoring and evaluation in the delivery of Laboratory Equipment.
4. Provide technical assistance (basic orientation on how to operate the equipment)
5. Issue a certificate of inspection and acceptance upon the determination by the End User that the delivered equipment is already completed.

VII. PLACE OF DELIVERY

Bureau of Fisheries and Aquatic Resources - Central Office

Fisheries Building Complex, Bureau of Plant Industry Compound, Visayas Ave., Diliman, QC

VIII. SCHEDULE OF DELIVERY

Within one hundred eighty (180) calendar days upon receipt of the Notice to Proceed

IX. PAYMENT SCHEME

The full payment will be made after the following have been accomplished:

- a. Completed delivery of Laboratory equipment
- b. Submission of necessary documents
- c. Issuance of Certificate of Inspection and Acceptance of the End-User

X. LIQUIDATED DAMAGES

When the bidder refuses or fails to satisfactorily complete the work within the specified contract time, plus anytime extension duly granted and is thereby in default under the contract, the Contractor shall pay BFAR for Liquidated Damages pursuant to implementing rules and regulations of R.A. 9184.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

_____	_____	_____
Name of Company	Signature over Printed Name of Authorized Representative	Date

NOTE: *The price amount for the list of supplies should be indicated to the Bid proposal documents to be submitted on bid opening February 21, 2022 (Tuesday) not later than 8:30 am.*

*****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/call the Bids and Awards Committee Secretariat at Tel. No. 8332-4661.

Please be guided accordingly.

Original Document Signed

NAPOLEON S.J. LAMARCA

Vice-Chairman, Bids and Awards Committee