



### BUREAU OF ANIMAL INDUSTRY

5 Visayas Avenue, Barangay Vasra, Quezon City 1128









December 19, 2024

#### SUPPLEMENTAL/BID BULLETIN No. CEFA-SB-2024-024

This Supplemental/Bid Bulletin No. CEFA-SB-2024-024 is issued by the BAI Special Bids and Awards Committee (SBAC) for the Cold Examination Facility for Agriculture (CEFA) to all participating bidders to clarify, amend and/or modify certain provisions and requirements for the various procurement projects.

All portions of the Bidding Documents affected by these amendments shall be made to conform the same. Amendments/inclusions/clarifications/revisions made herein shall be considered as integral part of the Bidding Documents.

#### Technical and Scientific Equipment: qPCR

IB NO.	LOT NO.	AMENDMENTS/MODIFICATIONS		
		FROM	то	SPECIFIC SECTION OF THE BIDDING DOCUMENT
CEFA-SB-	2	CEFA PR-SB-2024-	CEFA-SBAC 2024-	Section VI. Schedule of
2024-022	-	131	131	Requirements and Section VII. Technical Specifications
		Please refer to the attached updated technical specifications to be included in the bidding document posted on the PhilGEPS/BAI website.		
CEFA-SB- 2024-026	1	CEFA PR-SB-2024-	CEFA-SBAC 2024-	Section VI. Schedule of
		145	145	Requirements and Section VII. Technical Specifications
		Please refer to the attached updated technical specifications to be included in the bidding document posted on the PhilGEPS/BAI website.		
CEFA-SB- 2024-031	2	CEFA PR-SB-2024- 086	CEFA-SBAC 2024- 086	Section VI. Schedule of Requirements and Section VII. Technical Specifications
		Please refer to the attached updated technical specifications to be included in the bidding document posted on the PhilGEPS/BAI website.		







### BUREAU OF ANIMAL INDUSTRY

5 Visayas Avenue, Barangay Vasra, Quezon City 1128

(+632)8528-2240 (airector@bai.gov.ph (bai.gov.ph (bai.





Please be guided accordingly.

MARJE BERNADETTE T. BONO, DVM Vice-Chairperson, SBAC for CEFA

Receive	:d:
Bidder	/Authorized Representative
Date:	







## BUREAU OF ANIMAL INDUSTRY

5 Visayas Avenue, Barangay Vasra, Quezon City 1128

(+632)8528-2240 (director@bai.gov.ph (bai.gov.ph (c) @bai.gov.ph (c) @bai.gov.ph







### Annex A. Technical Specifications for 1 unit qPCR Machine

	n Specifications		
1 unit qPCR	qPCR		
	To a format		
	Test format:		
	Samples per instrument: <b>48 samples, 96 wells</b> Reaction tubes, <b>strips of 4 or 8</b>		
	Dimensions: <b>At most</b> 130 x 150 x 150 mm (H x W x L)		
	Weight: At least 2.1 kg		
	Weight. At least 2.1 kg		
	Optical:		
	Detectors: Photodiode per channel		
	Excitation Sources : High power LED for each channel		
	4 Channels : Green Ex 465nm Em 510nm		
	Yellow Ex 540nm Em 570nm		
	Orange Ex 585nm Em 618nm		
	Red Ex 635nm Em 675nm		
	Tube format: 0.1mL <b>strips of 4 or 8 tubes</b> and matching caps		
	Thermal performance Temperature accuracy: ± 0.25 °C Temperature uniformity: ± 0.05 °C		
	Ramp rates		
	Heating: 4 °C/s (fast mode)		
	• Cooling: 3 °C/s (fast mode)		
	With thermos profiles pre-loaded software for all		
	pathogen testing for fast and flexible analysis of your food		
	and feed sample		
	•		
	Features and benefits: Compact: Portable and compact qPCR instrument. Modular: Connect multiple instruments wireless to one PC. Fast: Fast qPCR results through rapid heating and cooling using a patented magnetic induction technology, or equivalent, and fan forced air for cooling Easy: High speed centrifugation ensures samples spin down at the		
	start of a run – no extra centrifuge needed. User-friendly software		
	set up with pre-loaded thermos profiles.		
	Inclusions:		
	• 1 x Laptop		
	Windows® 11, 32-bit (English version) Operating System		
	o Intel i5 processor, 2.4 GHz		
	o 4 GB of RAM		
	<ul> <li>1 GB free hard drive capacity</li> <li>Pointer device</li> </ul>		
	Pointer device     USB Drive		
	Adobe® Reader® must be installed to be able to view		
	reports in PDF format		

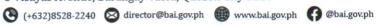






#### BUREAU OF ANIMAL INDUSTRY

5 Visayas Avenue, Barangay Vasra, Quezon City 1128









Item	Specifications		
	<ul> <li>Pre-loaded software and starter kit for the ff:</li> <li>1 x kit Food Borne Pathogen 4-ple the direct, qualitative detection and differentiation of <i>Escherichia coli</i> virulence</li> </ul>		
	factors (stx1 [subtype a-d], stx 2 [subtype a-g] and eae),  Listeria monocytogenes and Salmonella spp.  - 100 reactions		
	- LOD <5 DNA copies		
	<ul> <li>1 x kit Sample Prep Bacteria (isolation of Bacterial DNA from food)</li> </ul>		
	- 100 reactions  • 1 x Printer		
	• 1 x <b>qPCR</b> tubes and caps		
	<ul> <li>Strip of 4 or 8 reaction vessels with a volume range of 5</li> <li>– 30 μL.</li> </ul>		
	Preloaded with silicone oil.		
	<ul> <li>Pre-packaged into a rack of 48 tubes, stacked together in a row of 5, and boxed as 4x5 stacks.</li> </ul>		