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**SUPPLEMENTAL/BID BULLETIN**  
**No. CEFA-SB-2024-016**

This Supplemental/Bid Bulletin No. CEFA-SB-2024-016 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: ELISA READER WITH WASHER**

IB NO.	LOT NO.	AMENDMENTS/MODIFICATIONS		
		FROM	TO	SPECIFIC SECTION OF THE BIDDING DOCUMENT
CEFA-SB-2024-012	4	CEFA PR-SB-2024-072	CEFA-SB-2024-072	Section VI. Schedule of Requirements and Section VII. Technical Specifications
		Please refer to the attached updated specifications to be included in the bidding document posted on the PhilGEPS website.		
CEFA-SB-2024-016	1	CEFA PR-SB-2024-111	CEFA-SBAC 2024-111	Section VI. Schedule of Requirements and Section VII. Technical Specifications
		Please refer to the attached updated specifications to be included in the bidding document posted on the PhilGEPS website.		
CEFA-SB-2024-023	4	CEFA-SB-2024-139	CEFA-SBAC 2024-139	Section VI. Schedule of Requirements and Section VII. Technical Specifications
		Please refer to the attached updated specifications to be included in the bidding document posted on the PhilGEPS website.		
CEFA-SB-2024-027	6	CEFA-SB-2024-122	CEFA-SBAC 2024-122	Section VI. Schedule of Requirements and Section VII. Technical Specifications
		Please refer to the attached updated specifications to be included in the bidding document posted on the PhilGEPS website.		

Please be guided accordingly.

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

Received: \_\_\_\_\_

Bidder/Authorized Representative

Date: \_\_\_\_\_



"Our organization is certified according to ISO 9001"

*Masaganang Agrikultura, Maunlad na Ekonomiya*

### Annex A. Technical Specifications for Elisa Reader with Washer

Item	Specifications
<b>1 unit Elisa Reader with Washer</b>	<p><b>Elisa Reader with Washer</b></p> <ul style="list-style-type: none"> <li>- Absorbance detection mode</li> <li>- Halogen lamp light source with auto switch-off function when not in use</li> <li>- Silicon photodiode detector</li> <li>- Wavelength range 340-750 nm</li> <li>- 4-position filter slide the following wavelengths: 405, 450, 492, 620 nm</li> <li>- Measurement modes include endpoint and kinetic measurements</li> <li>- 12 measurement channels for fast parallel reading of 12 wells at a time</li> <li>- Reading mode: center of well</li> <li>- Temperature control from RT to 42°C</li> <li>- With top and bottom heating system for uniform heating</li> <li>- Temperature accuracy: +/-0.2 °C to +/-0.5 °C</li> <li>- Single wavelength measurement time: 6 sec, double wavelength measurement time: 8 sec, Kinetic repeat time: 5 sec</li> <li>- Measurement range: 0 to 4.0 OD</li> <li>- Resolution: 0.001 OD</li> <li>- <b>3-4 different modes of linear shaking</b></li> <li>- Suitable for 96-well microplates and strip-well microplates</li> <li>- Small footprint: Height &lt;20 cm, Width &lt;30 cm, Depth &lt; 40 cm, Weight: <b>at least</b> 10 kg</li> <li>- 2011/65/EU ROHS, EU 2015/863 &amp; China ROHS, and FDA 21 CFR Part 11 compliant</li> <li>- Data Analysis software allows quantitative, qualitative, kinetic analysis, supports all major curve-fitting methods including point-to-point, linear and non-linear regression, polynomial fits, logit-log, four-and five parameter fits</li> <li>- Data export to LIMS in ASTM &amp; ASCII format</li> <li>- Software supports electronic records, electronic signatures, as well as audit trail and user administration functionalities</li> <li>- Comes with laptop compatible with instrument software</li> <li>- Comes with 2 kVA AVR</li> <li>- Applications include enzyme kinetics, ELISA, cytotoxicity (MTT-assays), veterinary ELISA assays</li> </ul> <p><b>Comes with 1 unit Microplate Washer</b></p> <ul style="list-style-type: none"> <li>- 4 dispensing channels</li> <li>- 8-way manifold for simultaneous washing of 8 wells at a time</li> </ul>



	<ul style="list-style-type: none"> <li>- Suitable for 96-well microplates and strip-well microplates</li> <li>- Normal and multipoint aspiration modes for flat bottom wells to minimize residual volume</li> <li>- Includes drip mode function for cell-based assays</li> <li>- With linear shaking - high, medium and low settings</li> <li>- Washing volume - 50-3000 ul in 50 ul steps</li> <li>- Dispensing - 50-400 ul in 50 ul steps</li> <li>- Dispensing accuracy: <math>\leq 1.2\%</math></li> <li>- Dispense rate: drip mode up to 500 ul/sec</li> <li>- Residual volume: <math>\leq 2</math> ul</li> <li>- Soak time: 5 seconds to 60 minutes and 59 seconds</li> <li>- Includes 4pcs. 2.5L liquid bottles and 1pc. 5L waste bottle</li> <li>- Can be operated as a standalone instrument or with a control software</li> <li>- Instrument can store 20 washing programs, unlimited washing programs on instrument software</li> <li>- Instrument software contains example wash programs, pre-defined plate library, and simulation mode for offline operation</li> <li>- Power supply: Auto-sensing, 220-40V, 50/60 Hz</li> <li>- 2011/65/EU ROHS and FDA 21 CFR Part 11 compliant</li> <li>- Small footprint: Height &lt;20 cm, Width &lt;30 cm, Depth &lt; 40 cm, Weight: <b>at least 8 kg</b></li> <li>- Preloaded software profile for antibiotic residue kits, hormone and anabolic</li> <li>- Validation kits (2 kits <b>each</b>): <ul style="list-style-type: none"> <li>- AMOZ</li> <li>- AOZ</li> <li>- SEM</li> <li>- Chloramphenicol</li> <li>- Tetracyclines</li> <li>- Beta-agonist</li> </ul> </li> </ul>
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