



Republic of the Philippines
Department of Agriculture
BUREAU OF ANIMAL INDUSTRY
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December 19, 2024

SUPPLEMENTAL/BID BULLETIN
No. CEFA-SB-2024-015

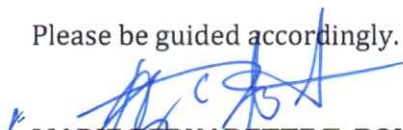
This Supplemental/Bid Bulletin No. CEFA-SB-2024-015 is issued by the BAI Special Bids and Awards Committee (SBAC) for the Cold Examination Facility for Agriculture (CEFA) to all participating bidders to clarify, amend and/or modify certain provisions and requirements for the various procurement projects.

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: WATER PURIFICATION SYSTEM

IB NO.	LOT NO.	AMENDMENTS/MODIFICATIONS		
		FROM	TO	SPECIFIC SECTION OF THE BIDDING DOCUMENT
CEFA-SB-2024-012	3	CEFA PR-SB-2024-071	CEFA-SB-2024-071	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	3	CEFA PR-SB-2024-113	CEFA-SBAC 2024-113	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-2024-022	5	CEFA-SB-2024-135	CEFA-SBAC 2024-135	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-2024-030	2	CEFA-SB-2024-124	CEFA-SBAC 2024-124	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 Water Purification System

Item	Specifications
1 Water Purification System	<p>Specifications: Produces Type 1 and Type 2 water as defined by ASTM D1193-6, ISO3696 and CLSI CLRW System functions as one with Pretreatment, system wall bracket and with 30 Liter tank.</p> <p>Type 1 Water:</p> <ul style="list-style-type: none"> • Production: At least 70L /day • Flowrate: At least 1L/min • Resistivity: 18.2 megohm-cm at 25°C • TOC: 1-5 ppb • Pyrogen (bacterial endotoxin) levels of less than 0.001EU/ml • Bacterial Counts: less than 0.01 CFU/ml • RNase level: < 0.003 ng/ml • DNase levels: <04 pg/ul <p>Type 2 Water:</p> <ul style="list-style-type: none"> • Dispensed from at least 30L tank • Resistivity: up to 15Megohm-cm • Bacteria: 99% removal • Conductivity: 0.01 cm-1 (measured with high precision measuring cell) • Temperature measured by a platinum chip sensor with ± 0.1 °C accuracy • Cartridges have quick – connections to remove the need for depressurizing, or its equivalent • RS232 interface available, or its equivalent • External Pretreatment Unit from tap water includes pressure gages, pressure reducing valve, prefilter, hardness stabilizer cartridge and carbon prefilter, or better <p>System contains:</p> <ul style="list-style-type: none"> • 1 (one) Reverse Osmosis Cartridge • separate polishing DI cartridge which contains high quality ultrapure resin. • UV lamp emits both 185nm and 254 nm wavelength ensures organic removal and maintains bacteria-free environment • With In-line Ultrafilter for removal of pyrogens. • Absolute 0.1m polysulfone membrane filter for final purification step • Final filter is sterilizable using autoclave

	<ul style="list-style-type: none"> • Standby Mode, water recirculates within the system, 10min every 2 hours. System goes into standby after 10 min of operation • System Alerts: When RO membrane, DI cartridge, UV lamp, and Ultrafilter are to be replaced. • Digital microprocessor control automatically monitors and stores faults • With internal leak detector • Certification: CE and CSA <p>Inclusion:</p> <ul style="list-style-type: none"> • 2 pcs Pretreatment system with cartridges, • 2 pcs RO/pretreatment cartridge • 2 pcs Ultrapure polisher cartridge • 2 pcs sterile 0.1 µm filter • UV lamp, UF filter • 1 set 30 L tank, CO2 vent filter • sterile overflow • 1 set system wall bracket
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