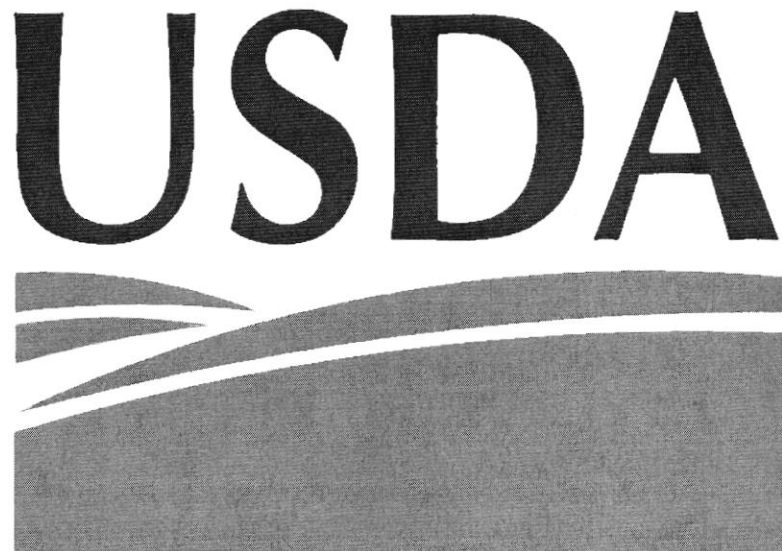


US Department of Agriculture (USDA)



Statement of Work

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Project

Purchase a 12-Channel Pipette Calibration System

General Information

1.0 Scope of Work

To acquire a replacement 12-Channel Pipette Calibration System for USDA, APHIS, VS, NVSL, Calibration to replace an unserviceable unit.

2.0 Background

12-channel pipette calibration systems are used to calibrate multi-channel scientific 10ul (Micro Liter) to 12ml (Milliliter) pipettes. The NCAH Cal Lab pipette calibration program supports the ISO 17025, ISO 17043, and ISO 17034 accredited mission of the NVSL to safeguard U.S. animal health and contribute to U.S. public health supports the ISO 9001 certified mission of the Center for Veterinary Biologics to implement the provisions of the Virus-Serum-Toxin Act to assure availability of pure, safe, potent and effective veterinary biologics, and supports the mission of the National Animal Disease Center (NADC) to conduct basic and applied research on selected diseases of economic importance to the U.S. livestock and poultry industries.

Contractor Requirements

3.0 Technical Requirements / Tasks

Minimum Specifications

- o Bench Top Footprint: Maximum dimensions of 36"L x 40"W x 48"H
- o Operating Voltage 120 VAC/60 Hz
- o Nominal Pipette Volumes: 10 µl – 1.2 ml
- o Linearity: <0.03 mg
- o Repeatability: < 0.02 mg
- o Resolution: 0.01 mg
- o Maximum permissible error (k=1): < 0.02 mg (in the range of 0 –1.2 g | 0 –1,200 µl)
- o Sensitivity to temperature drift: < ± 1 + 10⁻⁶ K between +10°C and +30°C
- o Compliant with ISO 8655-6:2002 Specifications

4.0 Government Furnished

NA

5.0 Deliverables / Schedule

Delivered within 180 days of date of award

6.0 Travel

NA

7.0 Contractor's Key Personnel

NA

8.0 Security Requirements

NA

9.0 Data Rights

NA

10.0 Section 508 – Electronic and Information Technology Standards

NA

Attachments

NA