US Department of Agriculture (USDA)

Statement of Work

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Project
Autoclave FY26-004859

General Information

1.0 Scope of Work
Procurement of autoclave in the style of a Consolidated Sterilizer Systems SR-24D, removal and disposal of existing autoclave and installation of new including full utility connections.

2.0 Background
The National Laboratory for Agriculture and the Environment existing autoclave is approaching the end of its lifecycle. The autoclave resides on the 3rd floor of the laboratory. There is a freight elevator capable of transporting the autoclave to the 3rd floor. There is a loading dock with a dock leveler. There are no forklifts on site, nor would a forklift be able to traverse to the 3rd floor. The door to the autoclave room is 46 ½" x 84". See photos below for utility connections. The potable water (softened) and compressed air drop from the ceiling. The steam and floor drain are located on the right side of the existing autoclave.

The basis of this request is a Consolidated Sterilizer System SR-24D or similar.

Equipment Requirements

3.0 Technical Requirements / Tasks
Consolidated Sterilizer System SR-24D (Brand Name or Equal)

- **Chamber Dimension:** 24" x 36" x 48"
- **Chamber Construction:** 316L Stainless Steel with Carbon Steel Jacket
- **Finish:** Passivated
- **Door:** Right swing open
- **Mounting:** Floor-standing
- **Thermal Printer**
- **Electronic Data Storage via USB**
- **Green® Features**
- **Configurable Cycle Parameters**
- **Battery Backup of Program, Memory & Config Data**
- **Temp Range:** 100°C - 135°C
- **Hi-Vacuum System with Water Ejector and Booster Pump**
- **Piping:** Brass, Bronze and Copper
- **Water Conservation**
- **Automatic Jacket Blowdown**
- **Temp Controlling Feature:** Load Control Probe
- **Shelves:** One (1) Stationary Upper, One (1) Stationary Lower
- **Emergency Stop Button**

Installation

- Contract to include removal and disposal of existing autoclave
- Installation and utility hook up of new autoclave
- Autoclave must fit through 46 ½" x 84" door opening

5.0 Deliverables / Schedule
N/A

6.0 Travel
N/A

7.0 Contractor's Key Personnel
N/A

8.0 Security Requirements

N/A

9.0 Data Rights

N/A

10.0 Section 508 – Electronic and Information Technology Standards

N/A

Attachment existing (control panel was removed for installation)