

GSIN: N6640N

Trade Agreement: CFTA

Tendering Procedures: Selective Tendering

Competitive Procurement Strategy: Competitive

Comprehensive Land Claim Agreement: NO

Nature of Requirements: Growth Chambers

Ref No: 2023-00123

Contracting Authority

Name: Virginia Githua

Phone Number: (343) 575-4182

Email Address: virginia.githua@inspection.gc.ca

THIS REQUEST IS RESERVED FOR HOLDERS OF SUPPLY ARRANGEMENT # E60PV-19EQUI ONLY, FOR THE PURCHASE OF LABORATORY AND SCIENTIFIC EQUIPMENT, PARTS AND ACCESSORIES, SERVICES AND SUPPLIES.

Only Suppliers currently pre-qualified on Supply Arrangement E60PV-19EQUI have been invited to bid.

As a requirement of the Supply Arrangement, this notice is published on Buy and Sell Canada for a period of 40 calendar days. The closing date published on this notice identifies how long the notice will be published. For the closing date of any solicitation under the supply arrangement, invited suppliers should refer to the solicitation documents.

Suppliers that do not have a Supply Arrangement for the supply of Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies with Public Works and Government Services Canada, cannot submit a bid. Any bids received from suppliers not pre-qualified on the Supply Arrangement will not be evaluated.

Suppliers may qualify under Supply Arrangement E60PV-19EQUI for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies, at any time. Interested suppliers should download solicitation document E60PV-19EQUI /C from Buyandsell.gc.ca and submit a response as per the requirements of the Request for Supply Arrangement.

REQUIREMENT DETAILS

Item: The Canadian Food Inspection Agency - Charlottetown Laboratory has a requirement of 4 Biological Growth Chambers.

Quantity: 4

INTRODUCTION

Title:

Capital purchase Biological Growth Chambers for the Charlottetown Laboratory

Background:

Low Temperature biological growth chambers are needed to increase testing capacity for the CFIA Charlottetown Laboratory.

Objective(s):

To acquire four biological Growth Cabinets with the option to purchase a fifth unit. The Contracting Authority may exercise the option to purchase an additional unit at any time before March 31st 2025 by sending a written notice to the Contractor.

Construction

Essential exterior Dimensions must be no greater than 31"W x 37"D x 81.5"H (to fit existing space requirements)

Internal Growth Area no less than *approximately (+/- 1.0")*: 22.5" W x 28.5" D x 57.8" H with Growth Capacity 22 ft³ (623 Liters)

Must allow Growth Height to be adjustable up to: 6.5 inches

Cabinet paneling constructed using CFC-free insulation

Recommended to have easy access to compressor and refrigeration components through an exterior panel.

Minimum 5 shelves included. Shelving must be adjustable and corrosion resistant. Must provide a range of 1-5 lamps per tier with a preference for 2-3 lamps per tier. Recommended to have 2 lamps per tier.

Must come already equipped with heavy duty swivel casters & must fit through 80" x 38" doorway while fitted with wheels or casters. For units greater than 80" high when fitted with casters, vendor must arrange and pay for moving company and equipment to place unit on site.

Lighting

Must be equipped with wide spectrum lighting system suitable for supporting plant growth.

Minimum light irradiance intensity 150 $\mu\text{moles/m}^2/\text{s}$ with programming

Must be user programmable

Temperature Control

Range must be: +5°C to +50°C with $\pm 0.5^\circ\text{C}$ increment control.

Must be user programmable (recommended to have programmable min and max temperature and a limit tracking alarm)

Must include alarm contacts for external alarm hook up and a port for an RTD Temperature sensor.

Refrigeration

Must have air cooled self contained Condensing Unit (no reliance on external water cooling system)

Must have condensing unit charged with CFC-free refrigerant.

Must have Refrigeration system operation monitored by control system

Utility Requirements

Must have Electrical service compatibility: 115V, 60Hz

Must include contacts for connection to a building management / call-out system

Must be CSA/UL, or CE approved

Delivery Date & Location

Must be delivered to Charlottetown Laboratory Loading dock 2 located at 93 Mount Edward Road, Charlottetown PE C1A 5T1 before March 31st 2023.

Training (virtually or in person) on unit operation and programming for the Initial machine is to be delivered on or before March 31, 2023.

Constraints:

Parameters for equipment specifications are specialized based on needs for operation in the CFIA Charlottetown Plant Health Laboratory to support diagnostic and research activities. Units will need to be delivered and placed on site which may involve the vendor contracting additional moving services and equipment to maneuver equipment within building and through fixed door and hall dimensions.