



Trade Agreement: Canadian Free Trade Agreement, Canada-Korea Free Trade Agreement, North American Free Trade Agreement (Canada-US)

Tendering Procedures: Invitation to tenders following instructions on the Supply Arrangement

Competitive Procurement Strategy: Call-up against the SA will be awarded to the supplier responding to all mandatory technical criteria and with the lowest price.

Comprehensive Land Claim Agreement: No

Nature of Requirements:

Laboratory Scientific Equipment, SA E60PV-19EQUI

For:

The purchase of a Growth Chamber following the requirements indicated on the tender.
Agriculture and Agri-Food Canada, Eastern Service Center

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:

London Research Center, Agriculture and Agri-Food Canada, has a requirement to purchase a Growth Chamber with an option to purchase a second Growth Chamber if necessary.



The mandatory technical criteria are:

| ITEM | CRITERIA |
|------|---|
| M1 | All chambers must be provided with CSA (Canadian Standards Association) product certification to UL (United Laboratories) or CSA (Canadian Standards Association) CSA (Canadian Standards Association) International, or an equivalent Nationally Recognized Testing Laboratory (NRTL), for use in both the United States and Canada. Proof of product certification must be provided |
| M2 | Manufacturer must ensure equipment and labor includes a warranty for a minimum of two [2] years from date of Substantial Completion. Proof and details of warranty must be provided to Agriculture and Agri-Food Canada. The warranty must be comprehensive and cover all major components including but not limited to cabinet construction materials, controller, compressors, evaporators and all optional equipment provided with the chambers. |
| M3 | outside dimensions must be maximum of 84" wide x 33" deep x 78" high |
| M4 | Each horizontal light canopy to produce 275 micro/m2/s intensity at 8" per shelving tier 37"x22" minimum area. |
| M5 | During full ventilation mode (with max ambient temperature of 35°C), chambers must operate with a minimum temperature range of 4°C to 40°C with lights off and 10°C to 44°C with lights on |
| M6 | Electrical service available at the site is 60Hz, 120/208 – 3phase – 4 wire plus ground. 20A and 30 A circuits are available. Chamber must be able to operate with this service. |
| M7 | Growth chambers to be designed for water cooling of condensing unit. 25°C processing cooling wa is available at site. Contractor to ensure this is compatible with the chamber refrigeration systems. |
| M8 | Existing system is Argus Titan system v1 build 00718.006, Site ID 2241.All components and softwa supplied under this contract must be compatible with this system to allow seamless integration and operation as a single networked system. |
| M9 | Contractor to connect and install all services to new growth chambers including electrical power for all chamber components and controls, chill water cooling, drain line, RO water for humidification, controllers and communication cabling for connection to Owner's Argus front end system. |

The responsive bidder already holding a Supply arrangement for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies from Public Works and Government Services Canada who meets the mandatory technical criteria with the lowest aggregate price will be recommended for contract award.