



**Trade Agreement:** Canadian Free Trade Agreement ( CFTA)

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

**Competitive Procurement Strategy:** *Contract 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 one (1) Freeze dryer following the requirements indicated on the tender.

Agriculture and Agri-Food Canada, Eastern Service Center

[aafc.esprocurement-cseapprovisionnement.aac@agr.gc.ca](mailto:aafc.esprocurement-cseapprovisionnement.aac@agr.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](http://Buyandsell.gc.ca) and submit a response as per the requirements of the Request for Supply Arrangement.

*St-Jean-sur-Richelieu Research & Development Center, Agriculture and Agri-Food Canada, has a requirement to purchase one (1) Freeze Dryer*

*The mandatory technical criteria are:*

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID / BID PAGE REF. #	YES / NO
<b>1- Self-supporting console</b>			
1-1	Stainless steel collector with a minimum capacity of 6 litres (L) and ability to reach		



	a temperature of -50°C (our samples are aqueous).		
1-2	Simplicity of use: ON / OFF / MANUAL / AUTOMATIC / DEFROST (programming for multiple freeze stages is not necessary).		
1-3	Real-time display of collector temperature and vacuum level.		
1-4	Quick defrosting.		
1-5	Alarm and power outage protection.		
1-6	Service alarms for the pump and refrigeration system.		
<b>2- Freeze drying chamber with bulk tray dryer</b>			
2-1	Adjustable/removable shelves that can accommodate bulk samples of varying sizes.		
2-2	Freeze drying chamber that can hold at least two shelves with 5" spacing between them (for a minimum total surface area of 400 sq. inches).		
2-3	Shelves that can each hold at least two racks of 25 50-ml tubes (minimum dimensions: 12" x 16"), for a minimum surface area of 200 sq. inches/shelf.		
2-4	Sensors for monitoring shelf/sample temperatures.		
2-5	Transparent acrylic door to monitor the freeze drying process.		
2-6	Vacuum break valve		
2-7	Shelf heating		
3	<b>Vacuum pump:</b> 98L/min or larger		
4	<b>Dimensions:</b> the entire unit (console and freeze drying chamber assembled) must be at least 42" deep and be able to fit into a space 38" wide x 78" high.		



*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.*