



**Trade Agreement:** Canada-Chile Free Trade Agreement, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP); the Canada-Colombia Free Trade Agreement; the Canada-Honduras Free Trade Agreement, the Canada-Korea Free Trade Agreement; World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Panama Free Trade Agreement, the Canada-Peru Free Trade Agreement; the Canada-Ukraine Free Trade Agreement, the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the 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 five (5) 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](http://Buyandsell.gc.ca) and submit a response as per the requirements of the Request for Supply Arrangement.

London Research Center, Agriculture and Agri-Food Canada, has a requirement to purchase five (5) Growth Chamber :

Chamber Type A – Tall Plant Style  
Chamber Type B – Short Plant

Qty : Two (2)  
Qty : Three (3)



The mandatory technical criteria are:

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.	YES / NO
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	Chamber Type "A" outside dimensions must be maximum of 84" wide x 33" deep x 78" high. Cabinet Type "B" outside dimensions must be maximum of 41" wide x 34" deep x 79" high		
M4	Cabinet Tye "A" horizontal LED light canopy to produce 700 micro/m <sup>2</sup> /s intensity at 6" AT 25C.  Cabinet Tye "B " horizontal LED light canopies to produce 500 micro/m <sup>2</sup> /s intensity at 6" AT 25C.		
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 water 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 software supplied under this contract must be compatible w		



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	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.

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**Accord commercial:** Canada-Chile Free Trade Agreement, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP); the Canada-Colombia Free Trade Agreement; the Canada-Honduras Free Trade Agreement, the Canada-Korea Free Trade Agreement; World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Panama Free Trade Agreement, the Canada-Peru Free Trade Agreement; the Canada-Ukraine Free Trade Agreement, the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

**Procédure d’appel d’offre :** Invitation à soumissionner suivant les instructions de la AMA.

**Stratégie d’approvisionnement concurrentiel :** Contrat subséquent à la AMA sera offert au fournisseur répondant aux critères techniques obligatoires et aillant le prix le bas.

**Entente sur les revendications territoriale globale :** Non

**Nature du besoin :**

Équipement et Instrument de Laboratoire, AMA E60PV-19EQUI

Pour :

L’achat de cinq (5) chambres de croissance suivant les spécifications indiquées sur l’appel d’offres Agriculture et Agroalimentaire Canada, Centre de services de l’Est

CETTE DEMANDE EST RÉSERVÉ POUR LES TITULAIRES DE L’ARRANGEMENT EN MATIÈRE D’APPROVISIONNEMENT # E60PV-19EQUI SEULEMENT, POUR L’ACHAT D’ÉQUIPEMENT, DE PIÈCES ET ACCESSOIRES, DE FOURNITURES ET DE SERVICES DE LABORATOIRE ET SCIENTIFIQUE.



Seulement les fournisseurs présentement pré-qualifiés sur l'arrangement en matière d'approvisionnement E60PV-19EQUI ont été invité à soumettre une soumission.

Conformément à l'arrangement en matière d'approvisionnement, cet avis est publié sur Achat et Vente Canada pour une période de 40 jours civils. La date de clôture publiée sur cet avis indique sa durée de publication. Pour connaître la date de clôture de toute demande de soumissions dans le cadre de l'arrangement en matière d'approvisionnement, les fournisseurs invités doivent se reporter aux documents de sollicitation.

Les fournisseurs qui n'ont pas d'arrangement en matière d'approvisionnement avec Travaux publics et Services gouvernementaux Canada pour l'équipement, pièces et accessoires, fournitures et services de laboratoire et scientifique ne peuvent soumissionner. Toutes offres reçues de fournisseurs non pré-qualifiés dans l'arrangement en matière d'approvisionnement ne sera pas évaluée.

Les fournisseurs peuvent, à tout moment, se qualifier sous l'arrangement en matière d'approvisionnement E60PV-19EQUI pour l'équipement, pièces et accessoires, fournitures et services de laboratoire et scientifique. Les fournisseurs intéressés doivent télécharger le document de sollicitation E60PV-19EQUI/C sur achatsetventes.gc.ca et soumettre une réponse selon les exigences de la demande d'arrangement en matière d'approvisionnement.

Besoin :

Le Centre de recherche de London, Agriculture et Agroalimentaire Canada, a un besoin pour faire l'acquisition de cinq (5) Chambres de croissance.

Chambre Type A – Style grande plante Qté : Deux (2)  
Chambre Type B – Petite plante Qté : Trois (3)

Les critères techniques obligatoires sont : ATTENTION ANGLAIS

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Le soumissionnaire répondant déjà titulaire d'un arrangement en matière d'approvisionnement pour l'équipement, pièces et accessoires, fournitures et services de laboratoire et scientifique de Travaux publics et Services gouvernementaux Canada, qui répond aux critères techniques obligatoires avec le prix global le plus bas sera recommandé pour l'attribution du contrat.