



**Trade Agreement:** Agreement on Internal Trade (AIT) 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 one (1) 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.

St.John's Research and Development Center, Agriculture and Agri-Food Canada, has a requirement to purchase one (1) Growth Chamber :

Air-Cooled Reach-In Model Growth Chamber



The mandatory technical criteria are:

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.	YES / NO
M1	<b>Electrical requirements:</b>  120V/60 Hz, max 30A Must provide CSA-C product certification to both UL and CSA Standards by CSA International, or an equivalent Nationally Recognized Testing Laboratory (NRTL), for use in Canada.		
M2	<b>Maximum allowed dimensions:</b>  45" x 35" x 78" (W x D x H)		
M3	<b>Temperature range and safety limits:</b>  <u>Minimum Range:</u> +2°C to +35°C range with lights OFF, +2°C to +35°C with lights ON.  <u>Control:</u> within ±0.5°C, at control point  <u>Temperature Safety Limits:</u>  Primary: A programmable min and max temperature or a limit tracking alarm that automatically follows the programmed set point.  Secondary: An independent factory-set high and low temperature limit must also be provided.  Audible alarms must be included based on user-defined limits		
M4	<b>Cooling type and monitoring:</b>  Air-cooled (NOT water-cooled) self-contained condensing unit in machine compartment; hot gas bypass system for continuous compressor operation and close temperature control.  Refrigeration system operation must be monitored by control system, including visual and audible alarm. System must allow for real-time diagnostics for preventative maintenance and repair		



M6	<b>Number of shelves:</b> 2 (i.e. two useable growth surfaces)		
M7	<b>MINIMUM Growth height between shelves:</b> 19.5" (50 cm)		
M8	<b>MINIMUM Growing area</b> : 10 ft <sup>2</sup>		
M9	<b>Humidity controls:</b> Additive humidity; Range must be up to 90% RH lights OFF and 75% RH lights ON. Additive humidity through use of ultrasonic humidifier must control humidity to within ±6% RH. Bypass dehumidification system, where controlled volume of chamber air bypasses the heat exchanger.		
M10	<b>Light Intensity:</b> Minimum 550 μmoles/m <sup>2</sup> /s over each level of two levels		
M11	<b>Light source:</b> LED		
M12	<b>Lighting specifications:</b> Dimmable; broadband spectrum, programmable.		
M13	<b>Other requirements:</b> -Shipped fully assembled and able to fit through standard (209 cm x 92 cm) doorways  - USB for downloading recorded environmental data  - AAFC Staff on-site will unload, perform power and water hook-ups, and complete installation of final chamber		

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:** Accord sur le commerce intérieur (ACI) et Accord de libre-échange canadien (ALÉC).

**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 d'une (1) chambre 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](http://achatsetventes.gc.ca) et soumettre une réponse selon les exigences de la demande d'arrangement en matière d'approvisionnement.

**Besoin :**

Le Centre de recherche et de développement de St.John's, Agriculture et Agroalimentaire Canada, a un besoin pour faire l'acquisition d'une (1) Chambre de croissance :

- Air-Cooled Reach-In Model

Les critères techniques obligatoires sont : ATTENTION ANGLAIS

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M12	<b>Lighting specifications:</b> Dimmable; broadband spectrum, programmable.		
M13	<b>Other requirements:</b> <ul style="list-style-type: none"><li>- Shipped fully assembled and able to fit through standard (209 cm x 92 cm) doorways</li><li>- USB for downloading recorded environmental data</li><li>- Staff on-site will unload, perform power and water hook-ups, and complete installation of final chamber</li></ul>		

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.