



Trade Agreement: Canadian Free Trade Agreement (CFTA) - Canada–Chile Free Trade Agreement - Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) - Canada–Colombia Free Trade Agreement - Canada-European Union Comprehensive Economic and Trade Agreement (CETA) - Canada–Honduras Free Trade Agreement - Canada–Korea Free Trade Agreement - Canada–Panama Free Trade Agreement - Canada–Peru Free Trade Agreement - Canada–Ukraine Free Trade Agreement - Canada–United Kingdom Trade Continuity Agreement - World Trade Organization–Agreement on Government Procurement (WTO-GPA)

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: *Purchase of four (4) Growth Chambers 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.

Harrow Research and Development Centre, Agriculture and Agri-Food Canada, has a requirement to purchase four (4) Growth Chambers.

The mandatory technical criteria are:

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.	YES / NO
M1	Growth chambers must be provided with product certification to CSA (Canadian Safety Association) and/or ULC (United Laboratories of Canada) Standards. Contractor must provide		



	proof of certification covering the entire product certificates must be provided.		
M2	Contractor must ensure equipment and labor includes a warranty for a minimum of 2 years (24 months) from date of onsite installation, startup and commissioning. Proof and details of warranty must be provided to Agriculture and Agri-Food Canada (AAFC) Response to service calls must be within 8 hours of call placement, 7 days per week. A qualified, factory trained and certified service technician must be on site within 24 hours during regular business day (7h00 – 17h00) to address any reported problem. Manufacturer must guarantee the availability of parts and components for a minimum of 10 years.		
M3	Dimensions and growth area : Outside dimensions must be 2590 to 2640 mm W x 890 mm D x 1980 to 2820 mm H. Growth height must be no less than 60" (1525 mm) from growth floor to light canopy in the UP position. Interior growth area must be no less than 16 to 20 ft ² (1.5 to 1.9m ²).		
M4	Standard temperature operation range: Must ensure full operation with a minimum temperature range of +4°C to +40°C lights OFF; +10°C to +35°C lights ON (full fresh air) is provided.		
M5	Must provide a water-cooled, hermetically sealed condensing unit. Must ensure valves provide continuous flow and variable temperature returns to cooling water. All growth chambers will be connected to a Central Cooling Tower supply and return system.		
M6	Must provide additive humidity to achieve a minimum of 90% Relative Humidity (RH) lights OFF and 75% (RH) lights ON, programmed with the control system. Must includes a dry humidity sensor, stainless steel spray nozzles, stainless steel tubing, stainless steel on/off solenoid, solid state relay, inline water filter, controls and data logging by the controller.		
M7	In the single tier vertical air flow configuration mode, the Contractor must ensure light intensity at a minimum of 1500 micromoles/m ² /s PPFD (Photosynthetic Photon Flux Density measured in the PAR (Photosynthetically Active Radiation) range of 400-700nm) and measured at 6" (150mm) from lamps, verified at 25°C and averaged on a 150 mm (6") grid. Each growth chamber must be equipped with an adjustable light canopy that will ensure a balance spectrum for research plant materials using light emitting diodes (LED) with two independent and dimmable channels; one channel providing broad spectrum and the other channel, far-red light supplementation. For each channel, user programmable percentage setpoint within the dimmable range, from 10% to 100% via the controller		

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.



Accord commercial: Accord de libre-échange canadien(ALEC) - Accord de libre-échange Canada-Chili - Accord de Partenariat transpacifique global et progressiste (PTPGP) - Accord de libre-échange Canada-Colombie - Canada et l'Union européenne Accord économique et commercial global (AECG) - Accord de libre-échange Canada - Honduras - Accord de libre-échange Canada - Corée - Accord de libre-échange entre le Canada et le Panama- Accord de libre-échange Canada-Pérou - Accord de libre-échange Canada-Ukraine - Accord de libre-échange Canada-Pérou - Accord de libre-échange Canada-Ukraine - Accord de continuité commerciale Canada-Royaume-Uni (ACC Canada-Royaume-Uni) - Accord de continuité commerciale - Accord sur les marchés publics de l'Organisation mondiale du commerce (OMC-AMP)

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 : Achat de quatre (4) 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 et de développement de Harrow, Agriculture et Agroalimentaire Canada, a un besoin pour faire l'acquisition de quatre (4) chambres de croissance.

Les critères techniques obligatoires sont : ATTENTION ANGLAIS

ITEM	CRITERIA	REFERENCE TO SUBSTANTIATION	YES / NO
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		IN THE TECHNICAL BID.	
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Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

Files : 01B46-23-012
Supply Arrangement : E60PV-19EQUI

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 au critères techniques obligatoires avec le prix global le plus bas sera recommandé pour l'attribution du contrat.