

Trade Agreement: Canadian Free Trade Agreement (CFTA)

Tendering Procedures: To pre-qualified suppliers

Competitive Procurement Strategy: Technical and financial evaluation

Comprehensive Land Claim Agreement: No

Nature of Requirements: Supply of an upright bright field/fluorescence microscope with associated accessories, PR 5000069456, Samantha Hatzinikou, samantha.hatzinikou@ec.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 Government Electronic Tendering Service (GETS) 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/D from CanadaBuys (SAP Ariba) and submit a response as per the requirements of the Request for Supply Arrangement.

Environment and Climate Change Canada has a requirement for the supply of an upright bright field/fluorescence microscope with associated accessories, for the visualization of environmental samples (e.g., blood and tissue samples, small invertebrates and their anatomy), for their multi-user laboratory:

Mandatory Items	
Microscope	
M1	The proposed microscope must have an automated platform, including stand and stand top compatible with bright field and fluorescence, automated condenser head, ground plate, cover and dust cover
M2	The proposed microscope must include mechanical stage and object holder, documentation tube and adapter
M3	The proposed microscope must include eyepiece with 10x magnification and 22 mm field of view
M4	The proposed microscope must include fluorescence-quality objectives (5x 10x, 20x, 40x; 100x or oil immersion)

Illumination Sources	
M5	The proposed microscope must have a transmitted light source (bright field) includes condenser, top lens, turret, light rings
M6	The proposed microscope must include lamp housing with LED lamp
M7	The proposed microscope must include focusing telescope for phase contrast
M8	The proposed microscope must have a fluorescence illumination including an external light source, liquid light guide and coupler
M9	The proposed microscope must include common filters, including narrow band fluorescence (i.e. DAPI, FITC, rhodamine, CY5)
M10	The proposed microscope must have an automated fluorescence light path
Cameras	
M11	The proposed microscope must have a high-resolution monochrome camera (minimum 2000 x 2000 P)
M12	The proposed microscope must have a high-resolution colour camera (minimum 20 MP)
Computer, software and training	
M13	The proposed microscope must include a dedicated laptop or workstation, monitor (at least 24"), keyboard and mouse
M14	The proposed microscope must include a modular image acquisition and analysis software that controls the cameras and camera features, with customizable user settings (e.g., contrast, brightness)
M15	The proposed microscope must include software that can stitch together multiple higher magnification images to create a single image of the full piece of tissue, perform manual counts by clicking, and measure cells/tissues including straight lines (diameter) and multi-point lines/closed circles (circumference)
Additional Requirements	
M16	The proposed microscope must be user-friendly. User friendly is defined as supported by training videos available online.

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.