

Trade Agreement:

Canadian Free Trade Agreement (CFTA)

Tendering Procedures: Selected tender to all pre-qualified suppliers

Competitive Procurement Strategy: Pre-qualified suppliers of the supply arrangement E60PV-19EQUI for the applicable category have been invited to submit bids via selected tender.

Comprehensive Land Claim Agreement: No

Nature of Requirements:

Name of the Requirement – Supply of one (1) Class II Biosafety Cabinet
Reference Number: 1000247647
Contracting Officer: Eryn Mathers
Email: eryn.mathers@hc-sc.gc.ca
Phone: 613-298-2804

For any questions during the period of January 3 – January 10, 2022 please contact the following procurement officer:

Name : Joseph McLennan
Email: joseph.mclennan@hc-sc.gc.ca

This requirement has been put in place by Health Canada

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.

The mandatory technical criteria are:

ITEM	CRITERIA
M1	The biosafety cabinet must be 4-foot wide in size.

M2	The biosafety cabinet must maintain a minimum average inflow velocity of 105 feet per minute (fpm) through a 10" sash opening.
M3	The biosafety cabinet must have a UV light for sterilization.
M4	The biosafety cabinet must maintain a minimum average down flow velocity of 65 feet per minute (fpm) for a 4' wide cabinet.
M5	The biosafety cabinet must be a Class II that can be operated in Type A or Type B mode. In Type A mode, approximate 55-60% of the air in the cabinet is filtered and recirculated, while 40-45% is exhausted back to the laboratory. In Type B mode, the air within the central work surface of the cabinet is filtered and exhausted via a remote building exhaust system, while the inflow and outer work surface air is filtered and recirculated.
M6	The exhaust air of the biosafety cabinet must pass through the HEPA filters with filtration efficiency of 0.9999 before it is recirculated into the laboratory (Type A mode) or released into the atmosphere through a remote exhaust system (Type B mode) in order to provide necessary protection from hazardous aerosolized/particulate materials.
M7	The biosafety cabinet when operated in Type B mode must be suitable for work involving biological agents treated with hazardous volatile chemicals including radionuclides.
M8	The remote exhaust requirement of the biosafety cabinet (4' wide, 10" sash height) when operated in Type B mode must not exceed 480 cubic feet per minute (cfm).
M9	The biosafety cabinet must include an airtight damper (10" diameter) for fine adjustment of the exhaust air volume supplied, in order to correctly set the necessary exhaust airflow for the biosafety cabinet, when operated in Type B mode. It also allows the biosafety cabinet to be sealed off from the building exhaust system, when it is operated in Type A mode.
M10	When operated in Type B mode, in the event of remote exhaust failure, the biosafety cabinet must maintain operationally safe airflow for up to 5 minutes to allow enough time for the user to complete their emergency shut down

	procedures and evacuation plans without risking any exposure.
M11	The biosafety cabinet must have two electrical duplex receptacles with flush-mounted stainless-steel covers.
M12	The biosafety cabinet must be have two programmable working sash heights of 8 inches and 10 inches.
M13	The biosafety cabinet must be equipped with a fully closing sash at a 10-degree angle, and it must be made of ¼-inch tempered safety glass with counterbalanced, anti-racking, easy-to-lift mechanism.
M14	The biosafety cabinet must have a curved waterfall design stainless steel inlet grille with secondary airflow slots.
M15	The biosafety cabinet must be equipped with a leak-tight stainless-steel interior.
M16	The biosafety cabinet must include a user-friendly touchpad on the right-hand side post to control blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection.
M17	The biosafety cabinet must include an operating system and interior-mounted, line-of-sight, full-color LCD information center with start-up and shut-down operations; filter life remaining bar graph for each HEPA filter; status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0%; interval/elapsed timer for experiment monitoring and LED light or UV light control.
M18	The biosafety cabinet must include a laboratory cart that can conveniently fit under the cabinet and provide storage space for supplies commonly used in biological safety cabinets.
M19	The biosafety cabinet must include a 5-year warranty.
M20	The biosafety cabinet must comply with the following Certifications and Standards: <ul style="list-style-type: none"> • NSF/ANSI Standard 49 Listed • UL Standard 61010-1 • CAN/CSA 22.2 No. 61010-1

	<ul style="list-style-type: none">• CE Conformity Marking (230V models)• ISO 5 conditions per ISO 14644-1 and 2• ADA-compliant operation
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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.