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.

Requirement: RFP 1000253648

Health Canada has a requirement for the supply of two (2) light scattering airborne particle counters

ITEM	CRITERIA
M1	The instrument must be able to offers a minimum of 6 channels for different particle sizes.
M2	Must have sensitivity: at least 0.3 µm to 10 µm particle size.
M3	Must have Particles sizes of 0.5 µm and 5.0 µm must be measurable.
M4	Must have zero count (false count) level below 1 count/5 minutes at the 95% upper confidence limit is required. The 95% upper confidence limit must be specified and reported by the manufacturer.
M5	Must have a maximum measurable particle number concentration shall be specified by the manufacturer. A concentration of at least 500000 particles/ft3 is required.
M6	Must have flow rate shall be specified by the manufacturer. A flow rate of 1 CFM is required.
M7	Instrument's must be able to enclosure material : preferably stainless steel or at least a chemically-resistant material (must be demonstrated)
M8	Instrument must weight : maximum 15 lbs including batteries (must be easily transported)
M9	Must have the possibility to fix the probe on a tripod or any other kind of adequate support as many different locations will be sampled. This accessory must be included.
M10	Must have the validation execution included (a validation report must be provided).
M11	The instrument must be calibrated and shall comply with all ISO 21501-4 requirements (see table of requirements below) before it is shipped to Health Canada. A calibration report that includes all requirements in ISO 21501-4 section 6.10 must be provided.

ISO 21501-4 requirements :

Parameter	Requirement
Size setting error	Maximum : 10% of each specified sizes
Counting efficiency	Shall be within 50 ± 20% for calibration particles with a size close to the minimum detectable particle size, and it shall be within 100 ± 10% for calibration particles with a size 1.5 to 2 times larger than the minimum detectable particle size.
Size resolution	Shall be ≤ 15% of the specified particle size
False count (zero count)	The 95% upper confidence limit shall be less that or equal to the value specified and reported by the manufacturer
Maximum particle number concentration	The confidence loss at the maximum particle number concentration shall be ≤ 10%
Sampling flow rate error	The maximum permissible error shall be 5% of the specified flow rate
Sampling time error	If the instrument has a sampling time control system, the maximum permissible error shall be 1% of the preset value
Response rate	The response rate shall be ≤ 0.5%

Deliverables –

Delivery location:

Health Canada / Longueuil Microbiology Laboratory,

1001 St-Laurent ouest, Longueuil,

Quebec, J4K1C7.

- Delivery date: before March 29, 2024.