



# Expression of Interest

The EPA is inviting qualified suppliers to send Expression of Interest (EOI) to be included on a list of Invitees to participate in a proposed Request for Quotations of Services (RFQS) to establish a one year arrangement, subject to yearly renewal, for environmental laboratory services. These services encompass sample receipt, storage, preparation, analysis, data reduction, verification, and reporting for the following sample media:

- Surface water, waste water
- Soil/sediment/ sludge
- Air

In order to assess your Laboratory's suitability to be included on the List of Invited suppliers to participate in the proposed RFQS, kindly express your interest by responding to the questions/statements below:

1. Provide a list of the services your company offers in relation to environmental Analytical Testing? (please refer to tables below; however your response should not be limited to these)
2. What is the size of your facility, i.e. number of employees, gross revenue etc.
3. What is the date of establishment of your company, the address of the current registration and operations?
4. Is your laboratory officially accredited by the International Organization of Standards (ISO) or any other recognized Bodies to perform environmental analytical testing?
5. Does your laboratory possess official accreditation for each of the tests carried out? If so identify the applicable accreditation.

6. Please describe what third party Quality Management System Certification your company holds.
7. How many laboratories do you have and what sorts of test do you do in each of the laboratories and what certifications do you have for each for the laboratories?
8. Does your laboratory have a proven record of providing services to Government Entities? If so, please provider examples with description.

**Table 1:**  
AQUEOUS SAMPLE

<b>Category</b>	<b>Parameter</b>
Physical Indicators	<b>General</b>
	Turbidity
	Temperature
	Conductivity
	Total Dissolved solid
Chemical Indicators	Total Suspended solids
	pH (lab) or can be tested in field
	Acidity as CaCO <sub>3</sub>
	Alkalinity as CaCO <sub>3</sub>
	BOD
	COD
	DO
	<b>Metals</b>
	Potassium
	Aluminum
	Lead
	Silver
	Chromium 6 <sup>+</sup>
	Copper
	Zinc
	Iron
	Nickel
	Arsenic
	Selenium (heavy)
	Cadmium (heavy)
Mercury (heavy)	

	<b>Inorganic &amp; Organics</b>
	Ammonia (total)
	Ammonical Nitrogen (NH <sub>3</sub> -N)
	Total Kjeldahl Nitrogen (TKN)
	Trihalomethanes (TTHMs)
	Phosphorus (Total)
	Oil and Grease
	Total Organic Carbon (TOC)
	Phenol
	Polychlorinated Biphenyls (PCBs)
	Polyaromatic Hydrocarbons (PAH)
	<b>Volatiles</b>
	Benzene
	toluene
	ethylbenzene
	xylene
	methylene chloride
	<b>Pesticides</b>
	4,4'-DDT
	Aldrin
	alpha-BHC
	alpha-Chlordane
	beta-BHC
	Chlordane)
	delta-BHC
	Dieldrin
	Endosulfan I
	Endosulfan II
	Endosulfan sulfate
	Endrin
	Endrin aldehyde
	gamma-BHC
	gamma-Chlordane
	Heptachlor
	Heptachlor epoxide
	Toxaphene
	<b>Anions</b>
	Chloride
	Fluoride

	sulfate
	Nitrite
	Nitrate
	Orthophosphate
Microbiological Indicators	
	Coliform (total and Fecal)
	E. Coli
	Heterotrophic Plate Count

**Table 2:**  
SOLID/SOIL SAMPLES

Category	Parameter
General	pH (lab)
	Percent Moisture
Inorganic & Organic	<b>Metals &amp; Non-Metals</b>
	Aluminium
	Arsenic
	Beryllium
	Cadmium
	Chromium
	Cobalt
	Copper
	Iron
	Lead
	Nickel
	Potassium
	Selenium
	Silver
	Zinc
	mercury
	<b>Others</b>
	cyanide
	phenol
	<b>Semi-Volatiles</b>
	Polychlorinated biphenyls (PCBs)
	Total Organic Carbon (TOC)
Phenol(total)	

	Polyaromatic Hydrocarbons (PAH)
	<b>Volatiles</b>
	Benzene
	toluene
	ethylbenzene
	xylene
	methylene chloride
	<b>Pesticides</b>
	4,4'-DDD Dichlorodiphenyldichloroethane
	4,4'-DDE Dichlorodiphenyldichloroethylene
	4,4'-DDT Dichlorodiphenyltrichloroethane
	<b>Anions</b>
	Chloride
	Fluoride
	sulfate
	Nitrite
	Nitrate
	Orthophosphate

**Table 3:**  
**AIR SAMPLE REQUIREMENT**

<b>Parameter</b>
Carbon dioxide (CO <sub>2</sub> )
Nitrogen dioxide (NO <sub>2</sub> )
Carbon monoxide (CO)
Sulfur dioxide (SO <sub>2</sub> )
Volatile organic compounds (VOCs)
Methane (CH <sub>4</sub> )
Benzene
toluene
ethylbenzene
xylene
methylene chloride
Particulate Matter (PM)
Fine particulate matter (PM <sub>2.5</sub> ) (also composes of nitrates and sulphates)

Particulate matter (PM10) (also composes of nitrates and sulphates)
Asbestos
Lead (Pb)

Please note that this is an expression of interest to be screened for suitability to be included on an invitee list to participate in a proposed RFQS and only those who meet the minimum criteria will be invited to participate in the RFQS process. Interested suppliers are asked to submit their EOI, to the Executive Director, Environmental Protection Agency, Ganges Street, Sophia, Georgetown, by 3:30 pm, August 12<sup>th</sup>, 2019.