



Request for Proposals

All enquiries related to this Request for Proposals, including any requests for information and clarification, are to be submitted by **March 10, 2023** and directed, in writing, to procurement@bcogc.ca, who will respond if time permits. Information obtained from any other source is not official and should not be relied upon. Enquiries and any responses will be recorded and may be distributed to all Proponents at the Commission's option.

RFP # 61224001

Ambient Air Quality Monitoring Systems Service and Operation

Closing Time: Proposal must be received electronically
before 2:00 PM Pacific Time on: March 17, 2023

Delivery of Proposals

Proposals must be submitted electronically.

To: <https://procurement.bcogc.ca/>

Proponent's Meeting

A Proponent's meeting will not be held.

Organization Overview

The BC Oil and Gas Commission (Commission) is an independent, single-window regulatory agency with responsibilities for overseeing oil and gas operations in British Columbia. Regulatory responsibility is delegated to the Commission through the *Oil and Gas Activities Act* and includes specified enactments under the *Forest Act*, *Heritage Conservation Act*, *Land Act*, *Environmental Management Act*, and *Water Act*. The operating costs of the Commission are funded through industry fees and levies on a cost recovery basis.

The Commission's core roles include reviewing and assessing applications for industry activity, consulting with First Nations, ensuring industry complies with provincial legislation and cooperating with partner agencies. The public interest is protected by ensuring public safety, protecting the environment, conserving petroleum resources and ensuring equitable participation in production.

The regulatory responsibility of the Commission extends from the exploration and development phases of oil and gas activities through to facilities operation, and ultimately decommissioning of industry projects. It is charged with balancing a broad range of environmental, economic and social considerations.

A. Definitions and Administrative Requirements

1. Definitions

Throughout this Request for Proposals, the following definitions apply:

- a) "Contract" means the written agreement resulting from this Request for Proposals executed by the Commission and the Contractor;
- b) "Contractor" means the successful Proponent to this Request for Proposals who enters into a written Contract with the Commission;
- c) "Must", or "mandatory" means a requirement that must be met in order for a proposal to receive consideration;
- d) "Proponent" means an individual or a company that submits, or intends to submit, a proposal in response to this Request for Proposals;
- e) "Commission" means the Oil and Gas Commission;
- f) "Request for Proposals" means the process described in this document; and
- g) "Should" or "desirable" means a requirement having a significant degree of importance to the objectives of the Request for Proposals.

2. Terms and Conditions

Submitting a proposal indicates acceptance of all the terms and conditions set out in the RFP, including those that follow and that are included in all appendices and any Addenda.

A proposal must be signed by a person authorized to sign on behalf of the Proponent with the intent to bind the Proponent to the RFP and to the statements and representations in the Proponent's proposal. A scanned copy of the signed cover page of this RFP is acceptable as is a cover letter identifying the Proponent, identifying the RFP and including a signature of an authorized representative of the Proponent that confirms the Proponent's intent to be bound. For proposals submitted to an electronic proposal constitutes the signature of an authorized representative of the Proponent and is acceptable without additional signature.

3. Electronic Submissions

For electronic submissions the following applies:

- a) The Proponent is solely responsible for ensuring that the complete electronic Proposal, is received before Closing Time;
- b) The maximum size of each attachment must be 500 MB or less and uploaded in a single attachment;
- c) Proponents should submit proposal submissions in a single upload and avoid sending multiple submissions for the same opportunity;
- d) Attachments must not be compressed, must not contain a virus or malware, must not be corrupted and must be able to be opened. Proponents submitting by electronic submission are solely responsible for ensuring that any emails or attachments are not corrupted. The Commission may reject proposals that are compressed, cannot be opened or that contain viruses or malware or corrupted attachments.

4. Additional Information Regarding the Request for Proposals

All subsequent information regarding this Request for Proposals, including changes made to this document will be posted on the BC Bid website at www.bcbid.ca. It is the sole responsibility of the Proponent to check for amendments on the BC Bid website.

5. Late Proposals

Proposals will be marked with their receipt time once submitted. Only complete proposals received and marked before closing time will be considered to have been received on time. Proposals that are received late will be marked late and will not be considered or evaluated. In the event of a dispute, the proposal receipt time as recorded by the electronic date stamp shall prevail whether accurate or not.

6. Eligibility

- a) Proposals will not be evaluated if the Proponent's current or past corporate or other interests may, in the Commission's opinion, give rise to a conflict of interest in connection with the project described in this Request for Proposals. This includes, but is not limited to, involvement by a Proponent in the preparation of this Request for Proposals. If a Proponent is in doubt as to whether there might be a conflict of interest, the Proponent should consult with the Commission Contract Management Analyst prior to submitting a proposal.
- b) Proposals from not-for-profit agencies will be evaluated against the same criteria as those received from any other Proponents.

7. Evaluation

Evaluation of proposals will be by a committee formed by the Commission and may include employees and contractors of the Commission. All personnel will be bound by the same standards of confidentiality. The Commission's intent is to enter into a Contract with the Proponent who has the highest overall ranking.

8. Negotiation Delay

If a written Contract cannot be negotiated within thirty days of notification of the successful Proponent, the Commission may, at its sole discretion at any time thereafter, terminate negotiations with that Proponent and either negotiate a Contract with the next qualified Proponent or choose to terminate the Request for Proposals process and not enter into a Contract with any of the Proponents.

9. Debriefing

At the conclusion of the Request for Proposals process, all Proponents will be notified of the award by BCBid. Unsuccessful Proponents may request a debriefing meeting with the Commission.

10. Alternative Solutions

If alternative solutions are offered, please submit the information in the same format, as a separate proposal.

11. Changes to Proposals

By submission of a clear and detailed written notification, the Proponent may amend or withdraw its proposal prior to the closing date and time. Upon closing time, all proposals become irrevocable. The Proponent will not change the wording of its proposal after closing and no words or comments will be added to the proposal unless requested by the Commission for purposes of clarification.

12. Proponents' Expenses

Proponents are solely responsible for their own expenses in preparing a proposal and for subsequent negotiations with the Commission, if any. If the Commission elects to reject all proposals, the Commission will not be liable to any Proponent for any claims, whether for costs or damages incurred by the Proponent in preparing the proposal, loss of anticipated profit in connection with any final Contract, or any other matter whatsoever.

13. Limitation of Damages

Further to the preceding paragraph, the Proponent, by submitting a proposal, agrees that it will not claim damages, for whatever reason, relating to the Contract or in respect of the competitive process, in excess of an amount equivalent to the reasonable costs incurred by the Proponent in preparing its proposal and the Proponent, by submitting a proposal, waives any claim for loss of profits if no Contract is made with the Proponent.

14. Proposal Validity

Proposals will be open for acceptance for at least 90 days after the closing date.

15. Firm Pricing

Prices will be firm for the entire Contract period unless this Request for Proposals specifically states otherwise.

16. Currency and Taxes

Prices quoted are to be:

- a) In Canadian dollars;
- b) Inclusive of duty, where applicable; FOB destination, delivery charges included where applicable; and
- c) Exclusive of taxes

17. Completeness of Proposal

By submission of a proposal the Proponent warrants that, if this Request for Proposals is to design, create or provide a system or manage a program, all components required to operate the system or manage the program have been identified in the proposal or will be provided by the Contractor at no charge.

18. Subcontracting

- a) Using a subcontractor (who should be clearly identified in the proposal) is acceptable. This includes a joint submission by two Proponents having no formal corporate links. However, in this case, one of these Proponents must be prepared to take overall responsibility for successful performance of the Contract and this should be clearly defined in the proposal.
- b) Subcontracting to any firm or individual whose current or past corporate or other interests may, in the Commission's judgment, give rise to a conflict of interest in connection with the project or program described in this Request for Proposals will not be tolerated. This includes, but is not limited to, any firm or individual involved in the formulation of this Request for Proposals. If a Proponent is in doubt as to whether a proposed subcontractor gives rise to a conflict of interest, the Proponent should consult with the Commission Contact Person listed on page 1 prior to submitting a proposal.
- c) Where applicable, the names of approved sub-contractors listed in the proposal will be included in the Contract. No additional subcontractors will be added, nor other changes made, to this list in the Contract without the written consent of the Commission.

19. Acceptance of Proposals

- a) This Request for Proposals should not be construed as an agreement to purchase goods or services. The Commission is not bound to enter into a Contract with the Proponent who submits the lowest priced proposal or with any Proponent. Proposals will be assessed in light of the evaluation criteria. The Commission will be under no obligation to receive further information, whether written or oral, from any Proponent.
- b) Neither acceptance of a proposal nor execution of a Contract will constitute approval of any activity or development contemplated in any proposal that requires any approval, permit or license pursuant to any federal, provincial, regional district or municipal statute, regulation or by-law.

20. Definition of Contract

Notice in writing to a Proponent that it has been identified as the successful Proponent and the subsequent full execution of a written Contract will constitute a Contract for the goods or services, and no Proponent will acquire any legal or equitable rights or privileges relative to the goods or services until the occurrence of both such events.

21. Contract

By submission of a proposal, the Proponent agrees that should its proposal be successful, the Proponent will enter into a Contract with the Commission in accordance with the terms of the [Commission's General Service Agreement](#).

22. Liability for Errors

While the Commission has used considerable efforts to ensure the information in this Request for Proposals is accurate, the information contained in this Request for Proposals is supplied solely as a guideline for Proponents. The information is not guaranteed or warranted to be accurate by the Commission, nor is it necessarily comprehensive or exhaustive. Nothing in this Request for Proposals is intended to relieve Proponents from forming their own opinions and conclusions with respect to the matters addressed in this Request for Proposals.

23. Modification of Terms

The Commission reserves the right to modify the terms of this Request for Proposals at any time in its sole discretion. This includes the right to cancel this Request for Proposals at any time prior to entering into a Contract with the successful Proponent.

24. Ownership of Proposals

All proposals submitted to the Commission become the property of the Commission. They will be received and held in confidence by the Commission, subject to the provisions of the *Freedom of Information and Protection of Privacy Act* and this Request for Proposals.

25. Use of Request for Proposals

Any part of this document, or any information provided by the Commission in relation to this Request for Proposals may not be used or disclosed, for any purpose other than for the submission of proposals. Without limiting the generality of the foregoing, by submission of a proposal, the Proponent agrees to hold in confidence all information provided by the Commission in relation to this Request for Proposals.

26. Reciprocity

The Commission may consider and evaluate any proposals from other jurisdictions on the same basis that the Commission purchasing authorities in those jurisdictions would treat a similar proposal from a British Columbia supplier.

27. No Lobbying

Proponents must not attempt to convey directly or indirectly with any employee, contractor or representative of the Commission, including the evaluation committee and any elected officials of the Commission, or with members of the public or the media, about the project described in this Request for Proposals or otherwise in respect of the Request for Proposals, other than as expressly directed or permitted by the Commission.

B. Requirements and Responses

1. Summary of the Requirement

In British Columbia, ambient air quality monitoring is conducted by the province (and in the Lower Mainland by Metro Vancouver), select industrial sources permitted under the Environmental Management Act and the BC Oil and Gas Commission (the Commission). Information on monitoring by the province and industrial sources can be accessed online at <https://www2.gov.bc.ca/gov/content/environment/air-land-water/air>. Oil and gas activities are predominant in the Northeast Air Zone. Information on current readings and available data is available at <https://www2.gov.bc.ca/gov/content/environment/air-land-water/air/air-quality/current-air-quality-data/northeast-air-zone>.

The Commission monitors ambient air quality from oil and gas activities to protect public safety and conserve the environment. The trailerable CAMEL (Commission Air Monitoring Environmental Laboratory) and fully mobile van known as RAM (Roaming Air Monitor) units are used for this purpose.

CAMEL can be deployed to study community air quality where there is no fixed monitoring station. To date, CAMEL has been deployed to Taylor, Fort Saint John, Dawson Creek, Tumbler Ridge, Chetwynd, Buick Creek, Pouce Coupe, Venturian Mica, Briar Ridge and Fort Nelson.

RAM can be deployed instantaneously, and can monitor air quality when in motion or at a fixed location. One of the main advantages of RAM is that it can be powered by battery, engine alternator or connection to 120 volt AC power.

The Commission requires a technical expert to service CAMEL and RAM, ensure both units are fully operational at all times, move CAMEL between locations, and validate all recorded data prior to public release. Oversight and direction will be provided by Commission Air Emissions Scientist and Environmental Response Specialist as appropriate. The Commission also operates the permanent FARMINGTON Air Monitoring Station. Funding sources are determined on a year-to-year basis and may be added to this contract if required at the agreed upon rate schedule.

2. Anticipated Schedule

The following table outlines the anticipated schedule for this RFP. All times identified in the table are in Pacific Time.

Event	Anticipated Date
Enquiries deadline	March 10, 2023
Request closing time	March 17, 2023 before 2:00PM (PST)
Interviews and reference checks, as required	March 20-24, 2023
Preferred Proponent selected by	March 27, 2023
Commencement of work	April 1, 2023

3. Commission Situation/Overview

The Commission is the provincial regulatory agency for permitting and overseeing oil and gas activities, from exploration and development through to operations and ultimately decommissioning of oil and gas industry projects under British Columbia jurisdiction. The Commission's current legislated mandate, regulatory framework, core activities and organizational structure are described in the [2021/22 – 2023/24 Service Plan](#) available on the Commission's website at www.bcogc.ca.

3.1 Commission Responsibility

The Commission mission is as follows:

We regulate the life cycle of energy resource activities in B.C. from site planning to restoration, ensuring activities are undertaken in a manner that:

- Protects public safety
- Safeguards the environment
- Supports meaningful reconciliation
- Advances the public interest and contributes to B.C.'s economy

3.2 Background

The Commission is seeking to renew contracted services for CAMEL and RAM maintenance and operation.

As of August 31, 2022, CAMEL was stationed in the Fort Nelson area. Once a minimum of a full year of data has been obtained, CAMEL is to be relocated to the Commission office in Fort Saint John, undergo full servicing to ensure all equipment is operating to manufacturer's specifications and moved to another location in NE BC that has yet to be determined.

RAM is stationed at the Commission's FSJ office and is available for instant deployment. The monitoring equipment contained in RAM is due for servicing to ensure all equipment is operating to manufacturer's specifications.

Data obtained by CAMEL and RAM is housed in the Commission Airodis system, which can be accessed by Commission staff and contractors. Validation of data is required after it has been collected in the field (in RAW form). The validated dataset is used by the Commission for reporting out purposes and will be made available online to the general public.

4. Requirements

4.1 Scope of Services

The services outlined in this Request for Proposals (RFP) are anticipated to commence April 1, 2023 and complete March 31, 2024 within a maximum contract amount of \$85,000. Note that equipment consumable costs (such as replacement filters, piping, etc.) are independent of this cost and will be covered by Commission operating budget funds. The Commission may renew this contract for up to 2 years at its sole discretion.

The successful proponent will:

- Be required to travel to throughout Northeastern BC as necessary and be in contact with Commission staff as and when required.
- House all data in the Commission Airodis system for CAMEL and RAM.
- Be required to work remotely using their own computer hardware and software.
- Be readily available to troubleshoot and problem solve as and when issues arise.

The successful Proponent who enters into a written contract with the Commission is expected to provide the following services:

1. Prepare CAMEL for transport from current location when required to the requested Commission office.
2. Perform all required annual maintenance on CAMEL and RAM ambient air monitoring, meteorological and associated equipment as specified by the manufacturers.

3. Prepare CAMEL for transport to a new location within NE BC. This location will be determined by the Commission.
4. Set CAMEL up to measure ambient air quality and meteorological parameters for the new deployment location.
5. Provide monthly oversight of CAMEL and RAM system operation which will include weekly review for assessment of instrument performance.
6. Work within Airodis to validate all data recorded by CAMEL at the Briar Ridge location and the new CAMEL deployment location, and all data recorded by RAM such that data can be released to the public.
7. Provide a detailed chronology of any elevated readings recorded by CAMEL and RAM for the duration of this contract.
8. Resolve issues for CAMEL and RAM in an effective way, including those that are not directly related to ambient monitoring equipment (for example communication connection, power system operation, etc.).

4.2 Content Requirements

To respond to this Request for Proposals, Proponents are required to submit the following information:

A. Qualifications

- 1) Provide the name of the proposed individual(s) that will be completing the work.
- 2) Provide a brief description of your named individual(s) qualifications and abilities relevant to the services outlined and amount of time that will be devoted to the project.

B. Relevant Experience

- 1) Provide a description of similar services provided to other organizations that are similar to the services outlined.
- 2) Provide web links, reports or other information that outlines results of work that is similar to the services outlined.
- 3) Provide up to five satisfied client references, including name, title, organization, phone number, email address and date that you (or named individual) worked for these clients.

C. Equipment and System Familiarity

- 1) Describe experience with servicing and operating the specific monitoring equipment contained within CAMEL and RAM.
- 2) Provide a description of experience with using Airodis data collection, validation and reporting software.
- 3) Describe experience maintaining and operating other types of ambient air monitoring and meteorological equipment over and above specific equipment contained in CAMEL and RAM.

The equipment contained within RAM that a description of experience maintaining and operating is needed for is as follows:

- Model AIO 2 all in one weather sensor
- Ecotech Aurora 3000 Nephelometer
- Thermo 450i H2S Analyzer
- Thermo 43i SO2 Analyzer
- Thermo 51i-LT Total Hydrocarbon Analyzer
- Xontech 901 Canister Sampler
- Thermo Model 146i Gas Calibrator
- TELEDYNE Zero Air Generator Model 701
- APC Smart-UPS RT 2200
- KVH C100 Fluxgate Compass
- ACTi IP Camera

- Magnum Lithium Battery Management System (Charging system includes shore power, vehicle main alternator and an additional high output alternator with a BALMAR multi-stage voltage regulator)

The equipment contained within CAMEL that a description of experience maintaining and operating is needed for is as follows:

- Young Wind Monitor –AQ Model 05305V
- Young Tipping Bucket Rain Gauge Model 52202
- Met One 095 Pyranometer
- Rotronic MP100H/MP400H Humidity Temperature Meteorological Probes
- BAM 1020 PM 2.5 Monitor
- Bam 1020 PM 10 Monitor
- Ecotech Aurora 2000 Nephelometer
- CDNOVA Model CDN-101 Thermal Oxidizer
- Thermo Model 42i Sulphur Dioxide Analyzer
- Ecotech Serinus 50 Sulfur Analyser
- Ecotech Serinus 40 Oxides of Nitrogen Analyser
- Ecotech Gas Cal 1100 Dilution Calibrator (x2)
- Ecotech Serinus 10 Ozone Analyser
- Thermo Model 48i-TLE CO Analyzer
- Baseline Series 9000 Gas Analyzer - CH4/Non-Methane
- Baseline Series 9100 Gas Chromatograph - BTEX
- TrippLite UPS (x2)
- TELEDYNE High Performance Zero Air Generator Model 701H
- TELEDYNE High Performance Zero Air Generator Model T701H
- TEI 450i Hydrogen Sulphide Analyzer

D. Pricing

- 1) Provide hourly rates for services.
- 2) Provide estimates for travel expenses (including the number of anticipate trips) that are to be incurred and covered within the contract budget.

4.3 Format Requirements

The following format, sequence, and instructions should be followed in order to provide consistency in Proponent response and ensure each proposal receives full consideration. With all pages consecutively numbered, the proposals should contain the following parts:

- a) Table of contents with page numbers.
- b) One-page executive summary.
- c) The body of the proposal in accordance with the above content requirements. This part is not to exceed 50 pages of combined text, tables, graphics and other written presentation in support of the content requirements, excluding supporting appendices (that could also be references to reports that are available online).

5. Evaluation

The evaluation of responses will be conducted by a team consisting of employees and/or contractors of the Commission. All members of the team will be bound by the same standards of confidentiality.

This section details all of the mandatory and desirable criteria against which proposals will be evaluated. Proponents should ensure that they fully respond to all criteria in order to receive full consideration during the evaluation.

The lowest price or any Proposal will not necessarily be accepted. The Commission reserves the right to refuse any proposed based on quality, service, price, reputation, experience and other criteria.

The Preferred Proponent will be the Proponent scoring the most points after evaluation. The evaluation process will consist of the following stages:

- Stage One – Mandatory Criteria
- Stage Three – Interviews (optional)
- Stage Four – Reference Checks

5.1 Mandatory Criteria

Proposals not clearly demonstrating that they meet the following mandatory criteria will be excluded from further consideration during the evaluation process:

- **The Proposal must be sent and received before the designated closing date and time.**
- **The Proposal must be in English and submitted electronically to <https://procurement.bcogc.ca/>**
- **The Proponent must confirm that any personal information received, collected or held over the course of the review will be stored and used only in Canada.**
- **The Proposal must contain an independence and objectivity statement by the Proponent.**

Failure to meet all mandatory criteria above will disqualify the Proponent’s Proposal from further review.

5.2 Desirable Criteria

The Commission seeks to enter into an agreement with the Proponent who, in the opinion of the Commission, has the resources, knowledge and competence to provide the greatest value. Proposals meeting all of the mandatory criteria will be further assessed against desirable criteria.

Desirable Criteria	Weight
Proponent’s Qualifications and Relevant Experience	25%
Equipment and System Familiarity	30%
Pricing Provide a firm, fixed, all-inclusive price for all services proposed. Provide hourly rates and estimates for travel expenses.	20%

5.3 Interviews

The top ranking (to a maximum of three) Proponents may be asked to attend an interview with the evaluation team at a Commission location nearest to the Proponent. The Proponent’s team leader is to attend in person. During the interview, the evaluation committee may clarify and/or verify statements made in the written Response.

Interview Criteria	Weight
Understanding of the requirements.	15%
Understanding of the Commission's environment.	5%
Approach to meeting the requirements.	30%
Suitability of the Lead Resource (including ability to handle situations and to communicate effectively, and to assign appropriate resources).	50%

The highest scoring Proponent (Preferred Proponent) will be selected by adding the scores from the desirable criteria and the interview.

The requirement for interviews is optional. The Commission reserves the right to complete the evaluation process without Proponent interviews.

5.4 Reference Checks

The references of the Preferred Proponent may be contacted to validate any part of their responses. The Commission reserves the right to conduct such independent reference checks or verifications as they deem necessary to clarify, test, or verify the information contained in the responses and confirm the suitability of the Proponent. The Commission will not enter into a contract with any Proponent whose references are found to be unsatisfactory.