



REQUEST FOR INFORMATION

TESTING AND AIR DISPERSION MODELLING OF THE AMMUNITION DEMILITARIZATION THERMAL TREATMENT SYSTEMS

1 NATURE OF REQUEST FOR INFORMATION

This is a Request for Information (RFI) and not a bid solicitation. No contract will be awarded as a result of this RFI nor will this RFI result in the creation of any source list; however, this RFI includes a draft version of the Source Testing and Air Dispersion Modelling of the Ammunition Demilitarization Thermal Treatment Systems Statement of Work outlined in Annex A and a Request for Industry Comments Response Matrix at Annex B

The written comments received by Canada will not be specifically shared or referred to in the final solicitation document and any comments provided as a result of this RFI should not contain any restrictions of use. Canada acknowledges that any information collected will be utilized by Canada in an anonymous fashion.

The procurement of any of the services described in this RFI will not necessarily follow this RFI.

This RFI is simply intended to solicit feedback from industry with respect to the matters described in this RFI.

1.1 NATURE AND FORMAT OF RESPONSES REQUESTED

Respondents are encouraged to identify, in the information they share with Canada, any information that they feel is proprietary, third party or personal information. Please note that Canada may be obligated by law (e.g. in response to a request under the Access of Information and Privacy Act) to consider disclosing proprietary or commercially-sensitive information provided by respondent (for more information: <http://laws-lois.justice.gc.ca/eng/acts/a-1/>).

Participation in this RFI is encouraged, but is not mandatory. There will be no supplier list created as a result of this RFI. Similarly, participation in this RFI is not required for the participation in any potential subsequent solicitation.

The RFI closing date is **by 2:00 pm Eastern Daylight Savings time on 24 October, 2022.** Information received before that date will be reviewed and considered when developing the Request for Proposals.

1.2 RESPONSE COSTS

Respondents will not be reimbursed for any cost incurred by participating in this RFI.

2 Background of this Request for Information

DND has purchased three separate Thermal Treatment Systems with the capacity to demilitarize munitions by removing energetic residues. These systems are located at Canadian Forces Ammunition Depot (CFAD) Dundurn, 13km south of the City of Saskatoon, Saskatchewan. All three Thermal Treatment Systems will release air emissions from their respective stacks. Under normal operating conditions, the three systems will be operated separately due to manpower



constraints, however, for the purpose of source testing, it can be arranged to have two of the systems operated simultaneously if required. All three thermal treatment systems are designed to operate outdoors in temperatures ranging from +5°C to +35°C. Therefore, they are typically operated between late April to end of September. For the purpose of the source testing, it should be noted that the munition scrap flashing furnace and the small arms ammunition incineration system are batch incinerators that can cycle through five (5) batches per day and cannot be approached while in operation. It will likely take several days to collect all the necessary samples due to the cyclical nature of the operation of these incinerators.

The purpose of this testing is to ensure DND is compliant with the release of air emissions from the Thermal Treatment Systems and to determine the future need for and frequency of testing.

3 PURPOSE OF THIS RFI

This RFI is issued for the purpose of:

- a. Alerting industry to a future procurement action for the provision of services to run testing for the Source Testing and Air Dispersion Modelling of the Ammunition Demilitarization Thermal Treatment Systems
- b. Obtaining feedback from industry concerning the requirement and the planned procurement process
- c. Obtaining detailed pricing from Industry for the services required

4 LEGISLATION AND GOVERNMENT POLICIES

The following are some of the legislation and government policies that could impact any subsequent Request for Proposal resulting from the RFI:

- a) Comprehensive Land Claim Agreements (CLCAs)
- b) Procurement Strategy for Indigenous Businesses (PSIBs)
- c) Contract Security Program
- d) Gender-Based Analysis Plus (GBA+)
- e) Policy on Government Security
- f) The Privacy Act
- g) Policy on the Management of Information Technology

5 FORMAT OF RESPONSES

- a. Cover Page: If the response includes multiple volumes, respondents are requested to indicate on the front cover page of each volume the title of the response, the solicitation number, the volume number and the full legal name of the respondent.
- b. Title Page: The first page of each volume of the response, after the cover page, should be the title page, which should contain:



- (i) the title of the respondent's response and the volume number;
 - (ii) the name and address of the respondent;
 - (iii) the name, address and telephone number of the respondent's contact;
 - (iv) the date; and
 - (v) the RFI number.
- c. **Numbering System:** Respondents are requested to prepare their response using a numbering system corresponding to the one in this RFI Response Matrix in Annex 'B'. All references to descriptive material, technical manuals and brochures included as part of the response should be referenced accordingly.
- d. **Number of Copies:** Canada requests that respondents submit one (1) electronic copy, in PDF format, of their response.

6 RESPONSE COSTS

Canada will not reimburse any respondent for expenses incurred in responding to this RFI.

6.1 TREATMENT OF RESPONSES

- a. **Use of Responses:** Responses will not be formally evaluated. However, the responses received may be used by Canada to develop or modify procurement strategies or any draft documents contained in this RFI. Canada will review all responses received by the RFI closing date. Canada may, in its discretion, review responses received after the RFI closing date.
- b. **Review Team:** A review team composed of representatives of the Department of national Defence will review the responses. Canada reserves the right to hire any independent consultant, or use any Government resources that it considers necessary to review any response. Not all members of the review team will necessarily review all responses.
- c. **Confidentiality:** Respondents should mark any portions of their response that they consider proprietary or confidential. Canada will handle the responses in accordance with the Access to Information Act.
- d. **Follow-up Activity:** Canada may, in its discretion, contact any respondents to follow up with additional questions or for clarification of any aspect of a response. Canada reserves the right to invite any or all respondents to present their submissions to this RFI and/or perform a product demonstration.



National Defence

Défense nationale

RFI No. W8486-238800

National Defence Headquarters

Quartier général de la Défense nationale

Ottawa, Ontario

Ottawa (Ontario)

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7 ENQUIRIES

This is not a bid solicitation. Accordingly, Canada will not respond to enquiries in writing or by circulating answers to all potential suppliers. However, Respondents who have questions should submit them by email to:

Chris Hunsley
Intermediate Materiel Acquisition and Support Officer

Directorate of Land Procurement, DLP 2-3-4-2

Department of National Defence

Chris.Hunsley@forces.gc.ca

7.1 SUBMISSION OF RESPONSES

Potential suppliers are not required to submit information under this RFI to qualify for any future bid solicitations for this requirement. All written responses to this RFI should be submitted to:

Chris Hunsley
Intermediate Materiel Acquisition and Support Officer

Directorate of Land Procurement, DLP 2-3-4-2

Department of National Defence

Chris.Hunsley@forces.gc.ca

7.2 RESPONSIBILITY FOR TIMELY DELIVERY

Each Respondent is solely responsible for ensuring its response is delivered on time to the correct location.



ANNEX A

STATEMENT OF WORK FOR THE PROVISION OF SOURCE TESTING AND AIR DISPERSION MODELLING OF THE AMMUNITION DEMILITARIZATION THERMAL TREATMENT SYSTEMS

1 SCOPE

1.1 Purpose

The purpose of this Statement of Work (SOW) is to define the scope and the deliverables that apply to the source testing and air dispersion modelling of Ammunition Demilitarization Thermal Treatment Systems and to define the Department of National Defence (DND) services requirement for this initiative.

1.2 Background

DND has purchased three separate Thermal Treatment Systems with the capacity to demilitarize munitions by removing energetic residues. These systems are located at Canadian Forces Ammunition Depot (CFAD) Dundurn, 13km south of the City of Saskatoon, Saskatchewan. All three Thermal Treatment Systems will release air emissions from their respective stacks. Under normal operating conditions, the three systems will be operated separately due to manpower constraints, however, for the purpose of source testing, it can be arranged to have two systems operated simultaneously if required. All three thermal treatment systems are designed to operate outdoors in temperatures ranging from +5°C to +35°C, therefore they are typically operated between late April and the end of September. For the purpose of the source testing, it should be noted that the munition scrap flashing furnace and the small arms ammunition incineration system are batch incinerators that can cycle through 5 batches per day and cannot be approached while in operation. It will likely take several days to collect all the necessary samples due to the cyclical nature of the operation of these incinerators. A brief description of each Thermal Treatment System is found below:

Safety Certification Unit for Small Arms Brass

The Safety Certification Unit for Small Arms Brass flashes expended Small Arms Ammunition (SAA) brass cartridge cases (5.56 mm to 12.7mm caliber range) to burn off any remaining energetic residues. The unit is only operated during the late-spring, summer and early-fall months. This thermal treatment system will typically be operated between the hours of 8:00am to 4:00pm, 5 days a week (Monday through Friday), 32 weeks per year with a throughput of 200 kg per hour and in the temperature range of 370°C (700°F) to 495°C (925°F). The air emissions of this system are released from a rectangular stack that has an opening of 47.625 cm by 36.195 cm. It is currently approximately 50.8 cm in height and contains no sampling ports. The top of the rectangular stack is approximately 167.5 cm from the access platform surrounding the equipment.

Munition Scrap Flashing Furnace with Pollution Abatement System (PAS)



The Munition Scrap Flashing Furnace applies heat to the munition scrap to remove the energetic residues. This system includes a PAS and a molten lead removal system. The flashing furnace has a throughput of 1500 kg per hour. The thermal cycle is as such: Flashing furnace is heated to 650°C (1200°F) for 35 to 70 minutes (depending on the munition scrap composition); afterburner heats the off-gas to 870°C (1600°F) for 2 seconds. It is only operated during the late-spring, summer and early-fall months. The flashing furnace will typically operate in batches between 8:00 am to 4:00 pm, 5 days per week (Monday through Friday), for 32 weeks per year. The exhaust of this unit is released from a stack which is 10.668 m in height and has an O.D. of 60.96 cm. There are two (qty 2) test ports of 10.16 cm in diameter on the stack (90° apart at the same elevation) located at 7.3152 m from the base of the stack. There is no platform to access to test ports located on the stack. While in operation, there is a minimum 30.5 m explosive safety distance requirement where no individual may approach the equipment. A safety kiosk is available for individuals working on site.

Small Arms Ammunition Incineration System with PAS

The Small Arms Ammunition Incineration System (SAAIS) consists of an incinerator, a pollution abatement system and data collection. This system will enable the safe demilitarization of SAA cartridges for safe release to industry for recycling. The equipment includes a PAS, a molten lead removal system and a Continuous Emissions Monitoring System (CEMS) that records the data related to oxygen (O₂) concentration, carbon monoxide (CO) concentration and stack temperature. The SAAIS has a throughput of 120 kg per hour and operating as a batch process. The thermal cycle is as such: SAA incinerator is heated to 650°C (1200°F) for 10 - 30 minutes (depending on the SAA), the afterburner heats the off-gas to 870°C (1600°F) for 2 seconds. It is designed to operate outdoors in temperatures ranging from 5°C to 35°C, therefore it will only be operated during the late-spring, summer and early-fall months. The SAAIS will typically operate 8 hours per day, from 8:00 am to 4:00 pm, 5 days per week (Monday through Friday), for 32 weeks per year. The air emissions are released from a stack which is 12.192 m in height and has an O.D. of 45.72 cm. There are two (qty 2) test ports of 10.16 cm in diameter on the stack (90° apart at the same elevation) located at 6.858 m from the base of the stack. There is a platform to access these test ports. While in operation, there is a minimum 30.5 m explosive safety distance requirement where no individual may approach the equipment. A safety kiosk is available for individuals working on site.

The DND requires source testing and air dispersion modelling on all three Thermal Treatment Systems.

1.3 Abbreviations and Acronyms

The following abbreviations and acronyms are used in this SOW:

CCME	Canadian Council of Ministers of the Environment
CEMS	Continuous Emissions Monitoring System



CFAD	Canadian Forces Ammunition Depot
CFB	Canadian Forces Base
DND	Department of National Defence
EC	Environment Canada
O.D.	Outside Diameter
PAS	Pollution Abatement System
SOW	Statement of Work
SAA	Small Arms Ammunition
SAAIS	Small Arms Ammunition Incineration System
TA	Technical Authority
TPM	Total Particulate Matter
US EPA	United States Environmental Protection Agency

1.4 Terminology

Triplicate: Three independent samples taken on three separate occasions as closely in time as possible. In this case, the independent samples can occur on different days given the nature of the batch incineration process.

2 APPLICABLE DOCUMENTS

2.1 The following document is available online:

2.1.1 Saskatchewan Air Quality Modelling Guideline, Ministry of Environment, March 2012 The document is located on the Government of Saskatchewan website under the Environment, Public Health and Safety – Environmental Health – Outdoor Air Quality section.

3 REQUIREMENT

The specific requirement is for source testing and air dispersion modelling of the air emissions released from the three Munition Demilitarization Thermal Treatment Systems located at CFAD



Dundurn, Saskatchewan, namely the Safety Certification Unit for Small Arms Brass; Munition Scrap Flashing Furnace; and Small Arms Ammunition Incineration System. The Contractor will arrange to have equipment (i.e. scaffolding or aerial lift/platform) on-site to reach the test ports of the Munition Scrap Flashing Furnace to be able to conduct the source testing. The Contractor will be required to liaise with CFAD Dundurn to arrange to have any equipment required for the source testing installed or erected and then disassembled and removed in a manner that minimizes any impact to the ongoing operations at CFAD Dundurn. A schedule of the time required to complete the source testing and air dispersion modelling work must be provided to the TA for approval prior to the Contractor commencing any work.

The Contractor is fully responsible for their workers' health and safety at all times, including while completing tasks on DND property. Prior to commencing any source testing, the Contractor must provide a plan, to be reviewed by the TA, detailing the occupational health and safety precautions which will be in place for the Contractor's resources, including any potential modifications required to the testing methods due to the explosive safety constraint.

3.1 Tasks

The Contractor will perform source testing and air dispersion modelling of the Munition Demilitarization Thermal Treatment Systems. These tasks are:

- 3.1.1 For the Safety Certification Unit for Small Arms Brass, the source testing of all parameters below must be conducted from the stack in Triplicate. Portable, handheld flue gas analyzers may be used for this equipment due to the stack configuration.
 - a. Opacity;
 - b. Carbon monoxide;
 - c. Nitrogen oxides (NO_x);
 - d. Sulphur dioxide;
 - e. Total Particulate Matter;
 - f. Lead.
- 3.1.2 For the Munition Scrap Flashing Furnace, the source testing of all parameters below must be conducted from the stack in Triplicate, in accordance with the corresponding approved test methods for source testing from Environment Canada (EC) or United States Environmental Protection Agency (US EPA) identified in brackets:
 - a. Opacity (US EPA Method 9);
 - b. Carbon monoxide (US EPA Method 10);
 - c. Nitrogen oxides (NO_x) (US EPA Method 7);
 - d. Sulphur dioxide (US EPA Method 6);
 - e. Total polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (EC Method EPS1/RM/2 **or** US EPA Method 23);
 - f. Hydrogen Chloride (US EPA Method 26);
 - g. Hydrogen Fluoride (US EPA Method 26);
 - h. Mercury (US EPA Method 29);
 - i. Lead (US EPA Method 29);



- j. Arsenic (US EPA Method 29);
 - k. Cadmium (US EPA Method 29);
 - l. Chromium (total) (US EPA Method 29);
 - m. Beryllium (US EPA Method 29)
 - n. Total Particulate Matter (US EPA Method 29 **or** US EPA Method 5 **or** EC Method EPS 1/RM/8).
- 3.1.3 For the Small Arms Ammunition Incineration System, the source testing of all parameters below must be conducted from the stack in Triplicate, in accordance with the corresponding approved test methods for source testing from EC or US EPA identified in brackets:
- a. Opacity (US EPA Method 9);
 - b. Carbon monoxide (US EPA Method 10);
 - c. Nitrogen oxides (NO_x) (US EPA Method 7);
 - d. Sulphur dioxide (US EPA Method 6);
 - e. Total polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (EC Method EPS1/RM/2 **or** US EPA Method 23);
 - f. Hydrogen Chloride (US EPA Method 26);
 - g. Hydrogen Fluoride (US EPA Method 26);
 - h. Mercury (US EPA Method 29);
 - i. Lead (US EPA Method 29);
 - j. Arsenic (US EPA Method 29);
 - k. Cadmium (US EPA Method 29);
 - l. Chromium (US EPA Method 29);
 - m. Beryllium (US EPA Method 29);
 - n. Total Particulate Matter (US EPA Method 29 **or** US EPA Method 5 **or** EC Method EPS 1/RM/8).
- 3.1.4 All the results of the source testing, with the exception of opacity, must be expressed as mass per dry cubic meter of flue gas at 25°C and 101.3 kPa corrected to 11% Oxygen.
- 3.1.5 The results of the source testing for opacity must be expressed as a percentage (%).
- 3.1.6 The contractor must conduct an air dispersion modeling study using the results obtained from the source testing of the Safety Certification Unit for Small Arms Brass in accordance with the Saskatchewan Air Quality Modelling Guideline document.
- 3.1.7 The contractor must conduct an air dispersion modeling study using the results obtained from the source testing of the Munition Scrap Flashing Furnace in accordance with the Saskatchewan Air Quality Modelling Guideline document.
- 3.1.8 The contractor must conduct an air dispersion modeling study for the air emissions coming from the SAAIS using an approved air dispersion model listed in the Saskatchewan Air Quality Modelling Guideline document.



4 DELIVERABLES

- 4.1 The Contractor's resource(s) will be required to prepare and submit various deliverables resulting from the services provided. These deliverables are:
- 4.1.1 For the source testing conducted on all three (3) Thermal Treatment Systems, the contractor must prepare a pre-test plan one (1) month prior to the source test date, which contains the following information:
- Sampling location;
 - Number of sampling points required for a representative sample;
 - Description of how the samples will be taken and the sampling methods to be used for each specific contaminant listed in section 3.1.1, 3.1.2 and 3.1.3;
 - Internal quality assurance and quality control activities;
 - Proposed test schedule including sample run times;
 - List of staff that will conduct sampling.
- 4.1.2 For the source testing conducted on all three (3) Thermal Treatment Systems, the contractor must provide a source testing final report within three (3) months following the completion of the source testing sample collection. This final source testing report must include:
- Introduction, including a summary of source test program and key personnel;
 - Source and sampling location description;
 - Summary and discussion of results including any field test changes and problems encountered during testing;
 - Stack gas velocity and flow rate;
 - Sampling and analytical procedures for emission test methods and process test methods;
 - Process and test data collected during testing;
 - Quality assurance and quality control records
- 4.1.3 The contractor must submit a final air dispersion modelling report of results from the three studies conducted in 3.1.7, 3.1.8, 3.1.9 on each Thermal Treatment System within three (3) months following the completion of the source testing sample collection. This final air dispersion modelling report must include:
- Description and rationale for the air dispersion modelling approach that was chosen;
 - Sources of emissions, emission scenarios and source emission rates;
 - Dispersing characteristics of the meteorology surrounding the source;
 - Downwind dispersion of contaminants, including impacts at receptors (i.e. DND office buildings, CFAD Dundurn property boundaries, surrounding communities);
 - Comparison of contaminant concentrations versus air quality criteria found in the following sources, in the following order:
 - [Saskatchewan's ambient air quality standards set out in Table 20](#) of the [Saskatchewan Environmental Quality Guidelines](#);
 - [Canadian Council of Ministers of the Environment \(CCME\) Canadian Ambient Air Quality Standards](#);



- iii. [Alberta Ministry of Environment and Water;](#)
- iv. [Ontario Ministry of the Environment;](#)
- v. [Texas Commission on Environmental Quality.](#)

- 4.2 Unless otherwise specified by the Technical Authority (TA), one (1) soft copy of these deliverables must be provided to the TA. Soft copy deliverables must be provided in Microsoft Word or PDF. All reports must be submitted in the English language.

5 LIMITATIONS AND CONSTRAINTS

- 5.1 All reports, documents, processes and deliverables developed and/or updated by the Contractor's resource(s) must be for the review, approval and signature, where requested, of the TA.
- 5.2 The Contractor's resource(s) must be independent of direct control by servants of Canada and are not in any respect employees or servants of Canada.
- 5.3 During the performance of the Contract, the Contractor or its resource must not direct any departmental organizations, or any personnel of any third parties with whom Canada has or intends to contract, to perform any action.
- 5.4 At all times during the provision of the required services, the Contractor's resource(s) are not to have access to any proprietary information including but not limited to financial information (including unit prices or rates) or technical information concerning any third parties with whom Canada has contracted or intends to contract, other than information that is in the public domain, (e.g. total value of contract(s) awarded). Proprietary technical information may be provided to the Contractor's resource(s) in the performance of the services if the "Non-Disclosure Agreement" contained in the Contract is duly executed by the Contractor's resource(s).
- 5.5 All drawings, software codes, reports, data, documents, or materials, provided to the Contractor's resource(s) by Canada or produced by the Contractor's resource(s) in providing services under the Contract, remain the property of Canada and must be used solely in support of this requirement. The Contractor's resource(s) must be required to safeguard the preceding information and materials from unauthorized use and must not release them to any third party, person or agency external to DND without the express written permission of the TA. Such information and material must be returned to the TA upon completion of the services or when requested by the TA.
- 5.6 All correspondence, either initiated by the Contractor's resource(s) or by any section of DND, must be submitted to the TA. Correspondence is defined as records of conversation or decisions as well as any written correspondence in any format.
- 5.7 The Contractor must ensure that its resource(s) do not use Government of Canada or DND designations, logos or insignia on any business cards, cubicle/office signs or written/electronic correspondence that in any manner lead others to perceive Contractor personnel as being employees of Canada.

6 DND SUPPORT TO CONTRACTOR



- 6.1 To aid the Contractor's resource(s) in the provision of the required services, the following information, materials, and assistance will be provided if available and deemed appropriate by the TA:
- 6.1.1 All available data and documents deemed necessary by the TA for the provision of services under this SOW;
 - 6.1.2 Consultation with the TA and other specialists may be arranged by the TA; and
 - 6.1.3 Other information, data and assistance available and requested by the Contractor subject to concurrence by the TA.
- 6.2 The Contractor is advised that the above does not represent a commitment by Canada and that it is the Contractor's sole responsibility to provide all services required to perform the Contract. The Contractor's resource(s) must be able to work independently on all aspects of the required services.

7 LOCATION FOR PROVISION OF REQUIRED SERVICES

- 7.1 All source testing field work services must be provided on-site at:
- 17 Wing Det Dundurn
 - Major Equipment Section
 - Dundurn Detachment
 - Camp Dundurn
 - Dundurn, Saskatchewan
 - Canada, S0K 1K0
- 7.2 All other services must be provided off-site at the contractor's facility.

8 HOURS OF OPERATION

- 8.1 For the source testing, the Contractor's resource(s) must be available on-site to collect samples during core hours of operation. Core hours of operation for the Thermal Treatment Systems are defined as 8:00 am to 4:00 pm, Monday to Friday.
- Although the Contractor's resource(s) may work outside of these core hours for the other requirements listed, the sample collection for the source testing requirement will occur during the core hours of operation. Furthermore, access to DND facilities that are controlled and monitored, and access to DND resources will be limited.

9 CONTRACTOR MANAGEMENT OF THE CONTRACT

- 9.1 The Contractor is required to actively participate in the overall management of all activities related to this SOW and will be directly responsible for the effective supervision and coordination of the efforts of its personnel in order to minimize the effort required by DND to manage the requirement.
- 9.2 The Contractor is responsible for all work produced under this Contract, including completeness, accuracy and adherence to all relevant safety and environmental regulations, rules and good practices.



National Defence

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Quartier général de la Défense nationale

Ottawa, Ontario

Ottawa (Ontario)

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- 9.3 The Contractor must maintain an electronic library of work in progress, delivered items and review comments, and must perform version control.

10 LANGUAGE REQUIREMENTS

- 10.1 The resource(s) must be fluent in the English language. Fluent means that the individuals must be able to communicate orally and in writing without any assistance and with minimal errors.

11 TECHNICAL AUTHORITY

- 11.1 The TA for this requirement will be the primary point of contact for the Contractor's resource(s) and will be stated in the Contract award document.
- 11.2 Any communication with a Contractor regarding the quality of Work performed pursuant to this Contract must be undertaken by official correspondence through the Contracting Authority.



ANNEX B REQUEST FOR INFORMATION RESPONSE MATRIX

BUSINESS INFORMATION			
Business Legal Name			
Business Address			
Procurement Business Number			
Controlled Goods Registration			
Facility Security Level			
POINTS OF CONTACT			
Positions	Name	Email Address	Telephone Number

Air Dispersal Testing - Response Matrix	
Please read the entirety of the RFI and Annex A before answering and provide answers in the cells below including as much detail as possible.	
Air Dispersal Testing Industry Engagement	
Questions	Answers
A -Technical Requirement Specifications	
1	Do you have recommendations relevant to the Annex 'A' - Technical Requirement Specifications?



2	Are there any sections in Annex 'A' - Technical Requirement Specifications that are unclear or require additional information? Please explain.	
B - Availability		
3	Do you have the ability to provide the services required to fulfill the requirement? If so, how many people will it take to complete this job?	
4	Can you provide 3-5 samples (references) of similar services as outlined in the RFI?	
5	Are you able to complete the test between May and September 2023?	
6	Do you have personnel qualified according to the Government of Saskatchewan's Environmental Management and Protection Act 2012, Industrial Source (Air Quality) Chapter of the Saskatchewan Environmental Code to perform the source testing?	
C – Time Frame		
7	Can you provide an estimate of the amount of time the source testing will take given the batch nature of the operation? Please provide an overall time estimate and explain if the overall time estimate includes the operation of two systems simultaneously.	



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	Please provide an estimate for each source test requested and explain if some samples can be collected simultaneously or if they must be collected individually.	
D - Price		
8	What is the value of the services required? Provide a high level breakdown of costs and; Specify the main cost driver.	