

## AMENDMENT 1 ENGLISH

### Revision to a Request for a Standing Offer 1000158271

Provision of Atmospheric Dispersion and Air Quality Modeling Services for Input into Human Health Risk Assessments

**The following changes in the Request for Standing Offer document are effective immediately. This amendment will form part of the contract documents.**

## UNDER PART II PROPOSAL REQUIREMENTS

### 8.3.3 Work Plan / Project Schedule:

#### DELETE:

Break down the work by task - show phases, planned start, completion dates and the estimated level of effort (i.e. person days) needed to complete the task. The work plan may include a matrix and/or time line charts. A project schedule structured in weeks, reflecting milestones and deliverables, should be included.

#### INSERT:

The specific activities, deliverables and associated milestones will be based on the scope of work identified within this Statement of Work and will be detailed in each Call Up request for services against the Standing Offer Agreement. A work plan and schedule will need to be provided in each-call up.

## UNDER

### 12.0 Mandatory Requirements

#### DELETE

<b>M3</b>	The Bidder must provide a minimum of five (5) projects completed within the last five (5) years of this RFSO demonstrating their use of the United State Environmental Protection Agency (US EPA) approved versions of CALPUFF/CALMET and applications thereof. Three (3) out of these five (5) projects must be within the Canadian geographical area.
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#### INSERT

<b>M3</b>	The Bidder must provide a minimum of five (5) projects completed within the last five (5) years of this RFSO demonstrating their use of the United State Environmental Protection Agency (US EPA) approved versions of CALPUFF/CALMET and applications thereof. Three (3) out of these five (5) projects must be within the Canadian geographical area predicting ALL (and not only criteria air pollutants) contaminants of potential concern (COPCs) emitted by the facilities / sources for EACH receptor in the study area (more than 10 000 receptors).
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### DELETE

<p><b>M4</b></p>	<p>The Bidder must provide three (3) written project summaries for fully successfully completed projects detailing their experience in “Provision of Atmospheric Dispersion and Air Quality Modeling Services for Input into Human Health Risk Assessments”. *The minimum total value for all three project summaries must be a minimum of 200K (taxes included) with at least one project summary having a value of 50K (taxes included) or more.</p> <p>Within each project summary provided, Bidders must indicate:</p> <ol style="list-style-type: none"> <li>1. the client organization,</li> <li>2. the name, address (email address or civic address) and telephone number of the client project authority for each project to whom the Bidder reported for reference purposes) one reference must be from a Federal, Provincial or Territorial Government client</li> <li>2. a brief description of the scope and intent of the project;</li> <li>3. the dates/duration of the project;</li> <li>4. the number of Bidder resources involved in the project;</li> <li>5. Project has come in on time and on budget</li> <li>6. provide detailed Project Plan</li> <li>7. provide a detailed account of protocols followed to extract extensive statistics (i.e. mean, standard deviation and a series of percentiles (a minimum of 10 different ones) from CALPUFF outputs for each receptor.</li> <li>8. provide a detailed account of proven Quality Assurance/ Quality Control (QA/QC) procedures, of their successful implementation to verify/correct CALMET/CALPUFF modeling inputs and outputs, including specific examples of their successful implementation to verify/correct the extensive statistics extracted from CALPUFF outputs.</li> </ol> <p><i>Note: Health Canada reserves the right to check references by contacting one or all of the references provided. Health Canada also reserves the right to reject a bidder should one or more of the references provided not be available within one week from completion of bid evaluation and if in checking references they do not confirm the resource’s work experience and information provided by the bidder. References should not be older than eight (8) years from date of this RFP.</i></p>
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### DELETE

R3	<p><b>Atmospheric Modeler(s): (38 points)</b></p> <p>As per M4, the Bidder has provided within their project summaries an Atmospheric Modelers with demonstrated experience in atmospheric modeling.</p> <p>The demonstrated experience includes the following areas:</p> <ul style="list-style-type: none"> <li>➤ The application of models (including the US EPA approved versions of CALPUFF/CALMET) for predicting the atmospheric transport of contaminants and the resulting concentrations in the environment (i.e. for specific geographical locations in Canada);</li> <li>➤ Modelling of atmospheric processes involving air pollutants for input into human health risk assessments; and</li> <li>➤ Experience working with data from Environment Canada's National Air Pollution Surveillance Network – (NAPS)</li> </ul> <p>Four (4) points will be awarded for each bullet to a maximum of 12 points for demonstrated experience for each project summary as per M4 to a maximum of 36 points (maximum of 36 points for each project summary) based upon Legend 1.</p> <p>Additional two (2) points will be awarded if the Atmospheric Modeler(s) hold a Master's or PhD degree related to atmospheric</p>
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R7 Proposal Quality (see Legend 2)  
 Excellent– 5 points.  
 Good–4 points.  
 Satisfactory– 3 points.  
 Minimal – 2 points.  
 Poor – 1 point  
 No Response – 0 points

**DELETE Legend 1 in its' entirety**

### INSERT

#### Legend 1

<b>Excellent</b>	The Bidder's response to this criterion is in depth covering all of the key elements/factors exceeding the requirement. The Bidder provides an excellent demonstration of a clear, logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated should ensure the highly effective performance of the tasks identified under the Statement of Work.
<b>Good</b>	The Bidder's response to this criterion addresses the requirement well while missing a few key elements. The Bidder provides a good demonstration of a clear, logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated should ensure the effective performance of the tasks identified under the Statement of Work.
<b>Minimal</b>	The Bidder's response to this criterion is inadequate in certain areas of this factor. The Bidder provides a minimal demonstration of a clear, logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated is likely to be insufficient for the effective performance of the tasks identified under the Statement of Work..
<b>No Response</b>	The Bidder does not address the criterion.

## AMENDMENT 1 ENGLISH

**DELETE Legend 2 in its' entirety**

**INSERT**

### Legend 2

<b>Excellent</b>	The Bidder's response to this criterion is in depth covering all of the key elements exceeding the requirement. The Bidder provides an excellent demonstration of a logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated should ensure the highly effective performance of the tasks identified under the Statement of Work.
<b>Good</b>	The Bidder's response to this criterion addresses the requirement well while missing a few elements/ key factors. The Bidder provides a good demonstration of a logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated should ensure more than adequately effective performance of the tasks identified under the Statement of Work.
<b>Satisfactory</b>	The Bidder's response satisfactorily addresses this criterion while missing several key elements. The Bidder provides a satisfactory demonstration of a logical, detailed response which addresses each key element clearly and completely while missing several key elements. The knowledge, experience or approach demonstrated should meet the minimum needed for an adequately effective performance of the tasks identified under the Statement of Work.
<b>Minimal</b>	The Bidder's response to this criterion is inadequate in certain areas of this factor. The Bidder provides a minimal demonstration of a logical, detailed response which addresses each key element clearly and completely which is missing a majority of key elements. The knowledge, experience or approach demonstrated is likely to be insufficient for the effective performance of the tasks identified under the Statement of Work.
<b>Poor</b>	The Bidder's response is poor in addressing the criterion. The Bidder provides a poor demonstration of a clear, logical, detailed response which addresses each key element clearly and completely. The knowledge, experience or approach demonstrated is insufficient for the effective performance of the tasks identified under the Statement of Work.
<b>No Response</b>	The Bidder does not address the criterion.