



**CONTRACT FOR SERVICES - AMENDMENT  
CONTRAT DE SERVICES - MODIFICATION**

Contract No N° du contrat <b>5021849</b>
Period of Contract (M/D/Y) - Période du contrat (M/J/A) <b>From/Du: 11/24/2008 To/Au: 03/16/2009</b>

Amendment No. N° de la modification	Previous Value - Incl. taxes Valeur précéd. - Taxes incl.	Ind./Cac. - incl. taxes Aug./Dim. - Taxes incluses	Revised Value - Valeur révisée	Tax Amount Montant de la taxe	Total
001	131,250.00 CAD	0.00 CAD	125,000.00 CAD	6,250.00 CAD	131,250.00 CAD

Issuing Office Address - Adresse du bureau d'origine <b>INDUSTRY CANADA SPECTRUM MANAGEMENT OPERATIONS JEAN EDMONDS TWR N.15TH FL 300 SLATER ST OTTAWA ON K1A 0C8  U4220</b>	Contractor name and address - Nom et adresse de l'entrepreneur <b>RISK SCIENCES INTERNATIONAL 200-449 SUSSEX DRIVE OTTAWA ON K1N 6Z4 CANADA</b>
Contact - Personne-ressource <b>Gilles Rathier</b>	Telephone - Téléphone <b>613-990-4743</b>
Contact - Personne-ressource <b>Dr. Daniel Krewski</b>	Telephone - Téléphone <b>613 562-5800</b>

**PROJECT TITLE - TITRE DU PROJET**  
**Communication Strategy RF Fields Risks**

The above mentioned Industry Canada contract is hereby amended as follows: Par la présente, le contrat d'Industrie Canada mentionné ci-dessus est modifié comme suit:

**EXTEND CONTRACT BY 1 MONTH**

All other terms and conditions of the original contract remain in force. Please sign and return the original of this letter which will serve as an amendment to this contract. Toutes les autres conditions du marché initial demeurent en vigueur. Veuillez signer et nous retourner l'original de cette lettre qui constituera la modification de ce contrat.

**PREVAILING LANGUAGE - LANGUE QUI AURA PRÉSÉANCE: ENGLISH/ANGLAIS**

**APPROPRIATE LAWS - LOIS PERTINENTES**

This contract shall be governed and construed in accordance with the laws in force in the Province of Ontario. Unless specified otherwise in appendix "D".  
Le contrat est administré selon les lois en vigueur dans la province suivante: Ontario.  
Sauf indication contraire à l'annexe "D".

**FINANCIAL AUTHORITY - AUTORISATION FINANCIÈRE**

Certified pursuant to subsection 32(1) of the Financial Administration Act. Certifié en vertu du paragraphe 32(1) de la Loi sur la gestion des finances publiques.

**RATHIER, GILLES**  
Signature  
Date  
**FEB 11 2009**

**CONTRACT APPROVAL - APPROBATION DU CONTRAT**

Approved for the Minister. Approuvé pour le Ministre.  
This contract has been executed on behalf of Her Majesty the Queen in right of Canada by the duly authorized officer. Ce contrat a été signé au nom de Sa Majesté la Reine du Chef du Canada par un agent autorisé.

Signature  
Date  
**13/02/2009**

**CONTRACTOR'S ACCEPTANCE - CONSENTEMENT DE L'ENTREPRENEUR**

The Contractor offers and agrees to sell and supply to the Minister, upon the terms and conditions set out in this document, the supplies and/or services listed herein at the prices set out therefore. L'entrepreneur s'engage à vendre et à fournir au Ministre, selon les termes et conditions énumérés dans ce document, les biens et/ou les services énumérés au prix identifié dans le document.

Signature  
Date  
**2/12/09**

**Canada**





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**Appendix B - Appendice B  
Terms of Payment - Modalités de paiement**

Invoicing Address - Adresse de facturation

INDUSTRY CANADA  
SPECTRUM MANAGEMENT OPERATIONS  
JEAN EDMONDS TWR N.15TH FL  
300 SLATER ST  
OTTAWA ON K1A 0C8

**Basis of Payment**

Her Majesty the Queen in Rights of Canada agrees to pay the Contractor a sum of \$125,000.00 (GST extra) for the performance of the work identified in the appendix "C" (Statement of Work) and based on the delivery of the following individual components:

- 1. Review of Industry Canada's Draft Communications Strategy Total \$25,000.00.**
- 2. Development of Key Messages on RF Health Risk Issues Total \$50,000.00** (ten (10) fact sheets at \$5,000.00 each).
- 3. Development of a Handbook on Wireless Telecommunications and Health \$25,000.00.**
- 4. Public Perception of Potential Risks Associated with Wireless Telecommunications Devices \$25,000.00.**

**Method of Payment**

The contractor will only be paid upon satisfactory completion of the work and delivery of services rendered in accordance to the statement of work, Appendix "C".

Payment shall be made within thirty (30) days following the date on which an invoice and substantiating documentation are received.

The contractor is required to submit invoices using the Contractor's invoice form that provides contractor's name, address, and it must also include the following:

- (a) the invoice number and date;
- (b) name and address of the project authority;
- (c) contract number;
- (d) item/reference number, deliverable and description of work
- (e) the invoiced amount (exclusive of the GST);
- (f) the amount of GST shown separately by including GST registration number.

**Canada**



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**Appendix C - Appendice C  
Statement of Work - Énoncé des travaux**

**Amendment 001: Extend contract one (1) month from 16 February 2009 to 16 March 2009.**

This refers to your proposal submitted in response to the **Communication Strategy for Radiofrequency Fields Risk project INDUSTRY CANADA ACAN #IC-600046.**

**BACKGROUND**

Industry Canada is responsible for the regulation of wireless telecommunications devices in Canada, including cellular telephones and associated base stations. Industry Canada relies on Health Canada for advice on health issues relating to wireless telecommunications, particularly advice provided in Safety Code 6.

Because of lack of understanding and concerns among the general public about the safety of exposure to radiofrequency fields from wireless telecommunications devices, there is a need for more effective risk communication on this issue. This preliminary proposal outlines a number of specific activities that Industry Canada might undertake to address this need.

**REQUIREMENTS/RESULTS:**

Develop more effective communication products.

Public opposition to proposed antenna installations frequently focuses on health concerns and/or that radiofrequency field exposure limits established by Health Canada (Safety Code 6) are inadequate. Industry Canada has a requirement for an outside party to assist in addressing what the Department believes is opposition often based on misperception and misinformation. This will be done through developing, and reviewing existing communications products and strategies that will be used to educate the general public about established antenna tower siting procedures and related safety guidelines in order to address misperception, particularly with respect to health concerns related to antenna towers.

**SCOPE OF WORK AND DELIVERABLES:**

**1. Review of Industry Canada's Draft Communications Strategy**

Industry Canada has developed a draft Communications Strategy which outlines an overall strategy for radiofrequency (RF) field risk communication with the Canadian public.

In order to develop a final, comprehensive plan for communicating with the public on this important risk issue, a review of the communications strategy will be undertaken. The review will: (i) evaluate the appropriateness of the elements contained in the current communications strategy, (ii) assess the likelihood of their having the intended effect of raising awareness of RF risk issues among the public, (iii) and identify additional elements that should be considered for inclusion within the communications strategy.

**Deliverables:** The initial deliverable for this component will be a draft written report delivered not more than two (2) weeks (10 December 2008) after the signing of the contract for review by Industry Canada. Following a discussion of the draft report, the Contractor will have four (4) weeks to submit the final report. The report will evaluate the current communications strategy, and suggest additional elements that could be considered for inclusion in the strategy.

**2. Development of Key Messages on RF Health Risk Issues**

In communicating with the public, it is important that scientific information on the potential health risks of radiofrequency fields from wireless telecommunications devices be presented in a manner that can be readily understood by a general audience.

Fact sheets will be developed on specific issues related to RF fields from wireless telecommunications devices, including the following:

- 1) In addition to cellular stations what are other sources of exposure to radiofrequency fields?
- 2) How much RF energy is emitted by a typical cellular station?
- 3) Are there associated health risks with exposure to radiofrequency fields?
- 4) Are children, the elderly or people with health related issues at increased risk from exposure to radiofrequency fields from cellular telephones and their towers?
- 5) What research is being conducted on the potential risks of exposure to radiofrequency fields and can Health Canada's Safety Code 6 be considered still valid?





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- 6) If I am concerned about RF fields from cellular telephones and towers, how can I reduce my exposure?
- 7) The signals from the tower interfere with the electronics in my home. Is this normal and what can I do?
- 8) The pattern(s) and strengths of radiofrequency fields emitted by cellular telephone towers (with graphics).
- 9) A comparison between exposure to radiofrequency fields from a cell phone (held close to one's ear) and to those from a cellular telephone tower.
- 10) A discussion that considers both the risks and benefits of cellular telephones and their towers.

Deliverables: The deliverables for this project will be the ten (10) fact sheets noted above delivered not more than twelve (12) weeks (18 February 2009) from the signing of this contract. (The number of fact sheets required, and the topics of those fact sheets, can be modified to meet the needs of Industry Canada.)

### **3. Development of a Handbook on Wireless Telecommunications and Health**

A Handbook on Wireless Telecommunications and Health will be developed for the joint use of Industry Canada and Health Canada. The handbook will provide a primer on RF fields from wireless telecommunications devices, including the following topics: the nature of RF fields; sources of exposure; how cellular technology works; the benefits of RF communications; potential health and safety risks; exposure guidelines; regulation of wireless telecommunications devices in Canada; and precautionary approaches to reducing exposure.

Deliverables: The Handbook on Wireless Telecommunications and Health will be a succinct document of about 20 pages in length, with appropriate pointers to additional sources of information available to the public. A draft Handbook will be delivered nine (9) weeks (28 January 2009) from the signing of this contract for review by Industry Canada. The final version of the Handbook will be delivered by the Contractor to Industry Canada four (4) weeks after the Contractor's receipt of Industry Canada's comments.

### **4. Public Perception of Potential Risks Associated with Wireless Telecommunications Devices**

In order to address any risk issue fully (this is particularly true for risk issues such as RF fields that are not well understood), it is important to understand how the public perceives the issue. Understanding risk perception can help to develop risk communications strategies that will be most effective, taking into account public attitudes and opinions about the issue.

A summary of current information on public perception of the potential health risks associated with wireless telecommunications devices, including a national survey conducted by the University of Ottawa, will be prepared. The factors (such as dread, unknown, or offsetting benefits) shaping public perception of such risk will be detailed.

Deliverables: The deliverable for this project will be a report on public perception of the potential risks associated with wireless telecommunications devices of about 20 pages in length as well as a PowerPoint presentation which synthesizes the report's contents and conclusions. The report will include suggestions as to how this understanding of public perception of risk can be exploited when communicating with the public on this issue. A draft report will be delivered within eight (8) weeks (21 January 2009) from the signing of this contract for review by Industry Canada. The final version of the report will be delivered by the Contractor to Industry Canada four (4) weeks after the Contractor's receipt of Industry Canada's comments. The final report must be submitted to Industry Canada on or before 16 March 2009.

#### **Project Authority**

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#### **Contracting Authority**

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