



**Royal Canadian Mounted Police
Gendarmerie Royale du Canada**

**RETOURNER LES
SOUMISSIONS À:
RETURN BIDS TO:**

**Bid Receiving/Réception des
sousmissions**

RCMP
Procurement and Materiel Management
Atlantic Region
80 Garland Ave – Mailstop H-066
Dartmouth, N.S. B3B 0J8

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

Proposal to: Royal Canadian
Mounted Police

We hereby offer to sell to Her
Majesty the Queen in right of
Canada, in accordance with the
terms and conditions set out
herein, referred to herein or
attached hereto, the goods,
services and construction listed
herein and on any attached sheets
at the price(s) set out therefore.

Proposition aux: Gendarmerie
royale du Canada

Nous offrons par la présente de
vendre à Sa Majesté I Reine du
chef du Canada, aux conditions
énoncées ou incluses par
référence dans la présente et aux
annexes ci-jointes, les biens,
services et construction énumérés
ici sur toute feuille ci-annexée,
au(x) prix indiqué(s).

**Comments – Commentaries
Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur**

**Telephone No.
no de téléphone:**

Canada

Title-Sujet Tactical Unmanned Aerial Vehicles - RCMP Atlantic Region	
Solicitation No. - No. de l'invitation M400044496 – A001	Date 2014-01-07
Client Reference No. - No. De Référence du Client 02014044496	
Solicitation Closes - L'invitation prend fin at 02:00 PM on 2014-01-16	
F.O.B. - F.A.B. See Herein Voir ci-attaché	
Address Enquiries to: - Adresser toutes questions à: Jennifer Legere	
Telephone No. - No de téléphone 902-720-5108	Fax No. - N° de FAX: 902-426-7136
Destination of Goods and Services: Destinations des biens et services: Royal Canadian Mounted Police See herein Voir ci-attaché	
Delivery Required - Livraison exigée: See Herein Voir ci-attaché	Delivery Offered – Livraison proposée See Herein Voir ci-attaché
Name and title of person authorized to sign on behalf of Vendor/Firm - Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	
_____ Signature	_____ Date



This Amendment 001 to Solicitation M400044496 is raised to modify the solicitation as follows:

At Annex A:

INSERT: 21. The Contractor must provide all parts, equipment, accessories and/or peripherals required for the normal operation of the UAV, including but not limited to batteries, battery charger, carrying case, and operator's manual (in English).

At Annex C:

DELETE: *In its entirety.*

INSERT: *Refer to revised Annex C on the following pages.*

All other terms and conditions remain the same.

The closing date remains unchanged.



Annex C
Mandatory Requirements and Evaluation Grid

Bidders must complete the table for all criteria below for the tactical micro-UAVs. For each item under the description, indicate whether the product meets the requirement, and identify the page(s) where each mandatory or minimum specification is demonstrated in the technical documentation provided with the bid. Canada reserves the right to verify any and all information relating to mandatory requirements prior to contract award.

Criterion	Description	✓ Met/Not Met	Page Number Reference
1	The system must be able to take off and land vertically (VTOL).	<input type="checkbox"/> 1	1__
2	The system must be able to hover and stare while in the air in a fixed position with +/- one (1) meter accuracy for ease of use by operator.	<input type="checkbox"/> 2	2__
3	The system must have an automatic land and automatic take off capability.	<input type="checkbox"/> 3	3__
4	Power source: 4.1 Lithium battery (rechargeable). 4.2 The time to resume operation after replacement of a battery (turnaround time) must be a maximum of five (5) minutes.	<input type="checkbox"/> 4.1 <input type="checkbox"/> 4.2	4.1__ 4.2__
5	The entire system including ground control station, battery, payload and air vehicle must be able to be packed and hand carried by one single operator.	<input type="checkbox"/> 5	5__
6	Weight: 6.1 The entire equipment/system must weigh less than fifteen (15) pounds (lbs.). 6.2 The flight system (the portion of the equipment that is airborne) must weigh less than five (5) lbs.	<input type="checkbox"/> 6.1 <input type="checkbox"/> 6.2	6.1__ 6.2__
7	Set up and launch time of system must be less than five (5) minutes.	<input type="checkbox"/> 7	7__
8	Environmental Conditions: Equipment must be weather-proof and able to operate in various climactic conditions including the following: 8.1 Equipment must be able to operate in a temperature range of -25°C to +38°C. 8.2 Equipment must be able to operate in sustained winds of a maximum of 30 kilometers/hour (km/hr). 8.3 Equipment must be able to operate in 100% humidity, including rain and snow.	<input type="checkbox"/> 8.1 <input type="checkbox"/> 8.2 <input type="checkbox"/> 8.3	8.1__ 8.2__ 8.3__
9	Camera, Video feed & Photographs: 9.1 Camera must have a minimum of 3 times optical zoom. 9.2 Camera zoom must be controllable from the	<input type="checkbox"/> 9.1 <input type="checkbox"/> 9.2	9.1__ 9.2__



Criterion	Description	✓ Met/Not Met	Page Number Reference
	ground control station in real time by the operator. 9.3 Equipment must have a thermal camera with a minimum resolution of 640x480. 9.4 Real-time video stream from air vehicle to operator must be streamed in digital format and be visible to the operator on the controller. 9.5 Video feed from system must be able to be streamed to the web for remote observation of data/video feed (i.e. by a remote command center or operation). 9.6 All photographs taken by aerial vehicle must be geo-referenced including the following information: 9.6.1 Date 9.6.2 Time 9.6.3 GPS coordinates.	<input type="checkbox"/> 9.3 <input type="checkbox"/> 9.4 <input type="checkbox"/> 9.5 <input type="checkbox"/> 9.6 <input type="checkbox"/> 9.6.1 <input type="checkbox"/> 9.6.2 <input type="checkbox"/> 9.6.3	9.3___ 9.4___ 9.5___ 9.6___ 9.6.1___ 9.6.2___ 9.6.3___
10	System must be able to be remotely supported including in the field software upgrades.	<input type="checkbox"/> 10	10___
11	Flight logs must be automatically recorded. Flight logs must include the following information regarding the flight: 11.1 Date; 11.2 Time; 11.3 Location; 11.4 Complete flight path; 11.5 Latitude/longitude decimal seconds	<input type="checkbox"/> 11.1 <input type="checkbox"/> 11.2 <input type="checkbox"/> 11.3 <input type="checkbox"/> 11.4 <input type="checkbox"/> 11.5	11.1___ 11.2___ 11.3___ 11.4___ 11.5___
12	System must have built-in fault tolerance including a minimum of but not limited to the following features: 12.1 If low battery situation arises, system can be set to fly back to “home” position and land; 12.2 If loss of communication between air vehicle and ground control station occurs, system can be set to fly back to “home” position and land.	<input type="checkbox"/> 12.1 <input type="checkbox"/> 12.2	12.1___ 12.2___
13	System must have a High-definition (HD) payload with a minimum of 11 Mega-pixel (MP) still images and 1080 pictures at 30 frames per second (fps) video.	<input type="checkbox"/> 13	13___
14	Altitude: 14.1 System must have an adjustable height of a minimum of 0 metres to a maximum of 500 metres above ground level. 14.2 Altitude must be controlled to an accuracy of within a minimum of one (1) metre.	<input type="checkbox"/> 14.1 <input type="checkbox"/> 14.2	14.1___ 14.2___
15	15. System must have an operational range of a minimum of 500 metres.	<input type="checkbox"/> 15	15___
16	16. System must have an operational time of a		



Criterion	Description	✓ Met/Not Met	Page Number Reference
	minimum of 20 minutes.	<input type="checkbox"/> 16	16__
17	The equipment/system must not cause any electromagnetic interference with other RCMP equipment, such as radios or radar.	<input type="checkbox"/> 17	17 __
18	<p>Training</p> <p>18.1 The Contractor must be able to provide training to a maximum of two (2) equipment users/operators per training session, on an as and when requested basis, within one year after the equipment is received. Training will take place at the supplier's site. <i>Training will be completed by March 31, 2015.</i></p> <p>18.2 A typical operator must be able to be trained within a maximum of two days.</p>	<input type="checkbox"/> 18.1 <input type="checkbox"/> 18.2	18.1__ 18.2__
19	<p>Technical Support/Warranty</p> <p>19.1 The Contractor must be able to provide unlimited telephone and e-mail technical support on their product during regular business hours (Monday to Friday 800 hours to 1600 hours Atlantic Time) for two (2) years after the equipment is received. This must be included as part of the warranty.</p> <p>19.2 The Contractor must be able to provide unlimited regular software upgrades as they become available, for two years after the equipment is received. This must be included as part of the warranty.</p> <p>19.3 The Contractor must be able to provide unlimited remote diagnostic support for two years after the equipment is received. This must be included as part of the warranty.</p>	<input type="checkbox"/> 19.1 <input type="checkbox"/> 19.2 <input type="checkbox"/> 19.3	19.1__ 19.2__ 19.3__
20	The bidder must provide a minimum of two (2) detailed relevant examples where the Small Unmanned Aerial System (SUAS/UAV) has been deployed. Examples must be relevant (police or military organizations (other than/outside of RCMP) for surveillance and/or tactical applications) and recent (within the last three (3) years). Please refer to Annex D.	<input type="checkbox"/> 20	20__
21	The Contractor must provide all parts, equipment, accessories and/or peripherals required for the normal operation of the UAV, including but not limited to batteries, battery charger, carrying case, and operator's manual (in English).	<input type="checkbox"/> 21	<input type="checkbox"/> 21