

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
PWGSC/TPSGC Acquisitions
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1
Bid Fax: (506) 851-6759

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

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

Issuing Office - Bureau de distribution
NB / PEI Division - Moncton Acquisitions Office
1045 Main Street
1st Floor, Lobby C
Unit 108
Moncton, NB E1C 1H1

Title - Sujet Hand Held High Speed Imagers	
Solicitation No. - N° de l'invitation W2037-150070/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W2037-150070	Date 2015-01-08
GETS Reference No. - N° de référence de SEAG PW-\$MCT-015-4921	
File No. - N° de dossier MCT-4-37085 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-01-19	Time Zone Fuseau horaire Atlantic Standard Time AST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Drisdelle, Charlotte J.	Buyer Id - Id de l'acheteur mct015
Telephone No. - N° de téléphone (506) 851-6948 ()	FAX No. - N° de FAX (506) 851-6759
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation Amendment No. 002**Title: Hand Held High Speed Imagers*****This solicitation is hereby amended to:***

- (1) Reference: **Closing date appearing of page one of the solicitation document**

DELETE the closing date of **2015-01-13**; and**INSERT** the revised closing date of **2015-01-19**.

- (2) Reference: **Annexes A, B and C**

DELETE the current Annexes A, B and C; and**INSERT** the revised Annexes A, B and C - Amendment No. 001.

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Charlotte Drisdelle

Telephone No: (506) 851-6948

Facsimile No: (506-851-6759

Email: charlotte.drisdelle@pwgsc-tpsgc.gc.ca

Annex A – Amendment No. 001

Requirement

1. Objective

To procure Hand Held High Speed Imagers to replace legacy High Speed Imagers presently in use at the Canadian Army Trials and Evaluation Unit (CATEU) for select tasks in support of operational trials and evaluations.

2. Background

CATEU currently employs a variety of high speed cameras to acquire high speed imagery during operational testing. These cameras are very effective when employed in situations where there are no space related constraints as their footprint is considerable. The current equipment must be deployed in conjunction with a laptop computer and a generator.

When acquiring high speed imagery within the restricted confines of a vehicle turret, undercarriage, or in close proximity to a weapon's ammunition feed chute or breach, the present systems are not practical. This capability is paramount in various test situations to include when testing vehicle mounted weapon systems, the operation of vehicle suspension or breaking systems, and when capturing imagery in close proximity to weapon breach or loading chute mechanisms.

The intent is to replace older generation Micro High Speed cameras currently held by CATEU Imaging Cell with three (3) next generation high speed cameras, while at the same time addressing the capability deficiency concerning capturing of high speed imagery in very confined spaces.

3. Technical Specifications

Cameras **MUST have** the following mandatory specifications and requirements:

- 3.1. Must capture images and video in colour;
- 3.2. Must have a minimum resolution of 1280 x 1024 pixels;
- 3.3. Must have internal buffer minimum of 8 GB RAM image memory AND be able to partition into at least four segments;
- 3.4. Must have a minimum frame rate of 2000 frames per second at a resolution of 512 x 512 pixels;
- 3.5. Must have a built in LCD monitor, minimum size 7 inches (diagonal);
- 3.6. Must have a minimum removable SDHC card storage of 32 GB;
- 3.7. Must have a built in solid state storage drive (SSD) of a minimum 256 GB with expansion capability to 512 GB;
- 3.8. Must have a C-Mount type lens mount with the option for F-mount adaptor;
- 3.9. Must have an internal rechargeable and replaceable battery capable of supporting a minimum of 4 hours operation;
- 3.10. Must have minimum 1080P HDMI video out port and an Ethernet PC communication port;

- 3.11. Must have a standard tripod mounting connection/thread;
- 3.12. Must be able operate within a climatic range of +5 to +40 degrees Celsius;
- 3.13. Must be suitable for handheld operation and weigh no more than 4 pounds;
- 3.14. Must be weather resistant and all I/O ports must have a cover;
- 3.15. Must have a low light viewing option for focusing camera with a minimum 1600 ISO light sensitivity for viewing; and

4. Deliverables.

The supplier must be able to provide all of the following:

- 4.1. Three (3) Hand Held High Speed Imagers meeting the specifications outlined in section 3 above;
- 4.2. Three (3) replacement batteries, compatible with proposed camera;
- 4.3. Three (3) carrying cases, suitable for carrying proposed camera, operations manuals, spare battery, connection cables, and any other related equipment;
- 4.4. Three (3) adaptor to accommodate F- mount lens;
- 4.5. Associated software; and
- 4.6. Manuals in both official languages (English and French).

5. Warranty

The camera and components **MUST** be warranted free from defects in material and workmanship under normal use and service for a period of 12 months minimum, or manufacturer's standard warranty period, whichever is longer.

6. Mandatory Delivery

All products **MUST be delivered** no later than **by 31 March 2015** or sooner to CATEU, 5th Canadian Division Support Base Gagetown.

ANNEX B – Amendment No. 001**BASIS OF PAYMENT**

Item No.	Description	Part #	Qty	Unit of Issue	Unit Price	Extended Price
1	Hand Held High Speed Imager as per articles 3 of the Requirement, Annex A.		3	Each		
2	Replacement Battery as per article 4.2 of the Requirement, Annex A.		3	Each		
3	Carrying Case as per article 4.3 of the Requirement, Annex A.		3	Each		
4	F-mount Lens Adaptor as per article 4.4 of the Requirement, Annex A		3	Each		
5	Imager Software as per article 4.5 of the Requirement, Annex A		3	Each		
6	Manual, English as per article 4.6 of the Requirement, Annex A		3	Each		
7	Manual, French as per article 4.6 of the Requirement, Annex A		3	Each		
	All prices must include delivery to CATEU, 5 th Canadian Division Support Base Gagetown					
Sub total						
Tax						
Total						

EVALUATION CRITERIA

REQUIREMENT: Hand Held High Speed Imagers

MANDATORY REQUIREMENTS

At the date of bid closing, it is understood by the parties submitting bids that to be considered valid, the bid **MUST meet all of the mandatory specifications and requirements**.

Each specification and requirement must be evaluated separately. Bidders are requested to indicate, in the column provided, the relevant page number(s) from your offer, specifications and descriptive literature which address each specification and requirement. Bids must be supported by proper and adequate detail, particularly where supporting evidence is required by a mandatory item. Those not meeting all of the mandatory requirements will be given no further consideration.

The complete specifications and/or descriptive literature **should be submitted with the bid** but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted with the bid, the Contracting Authority will so inform the bidder and provide the bidder with a time frame within which to meet this requirement. Failure to comply with request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

Any bid which fails to meet all mandatory specifications and requirements will be deemed non-responsive.

Any deviations MUST be approved, in writing, PRIOR to bid closing by the Contracting Authority.

Any changes to the requirement and/or questions will be answered with an amendment to the solicitation and posted on «Buy and Sell» - Government Electronic Tendering Service (GETS). www.buyandsell.gc.ca

ATTENTION BIDDERS: WRITE BESIDE THE CRITERIA BELOW THE RELEVANT PAGE NUMBER(S) FROM YOUR PROPOSAL WHICH ADDRESSES THE ISSUE.

Hand Held High Speed Imagers as per the following Mandatory Specifications and Requirements.		Comply Indicate YES <i>or</i> NO	Ref PAGE #	FOR EVALUATION PURPOSES by DND		
				MET	NOT MET	COMMENTS
	Cameras <u>MUST</u> have the following Mandatory Specifications and Requirements.					
3.1	Must capture images and video in colour;					
3.2	Must have a minimum resolution of 1280 x 1024 pixels;					
3.3	Must have internal buffer minimum of 8 GB RAM image memory and be able to partition into at least four segments;					
3.4	Must have a minimum frame rate of 2000 frames per second at a resolution of 512 x 512;					
3.5	Must have a built in LCD monitor minimum size 7 in (diagonal);					
3.6	Must have a minimum removable SDHC card storage of 32 GB;					

Hand Held High Speed Imagers as per the following Mandatory Specifications and Requirements.		Comply	Ref PAGE #	FOR EVALUATION PURPOSES by DND		
		Indicate YES <i>or</i> NO		MET	NOT MET	COMMENTS
3.7	Must have a built in solid state storage drive (SSD) of a minimum 256 GB with expansion capability to 512 GB;					
3.8	Must have a C-Mount type lens mount with option F-mount adaptor;					
3.9	Must have an internal rechargeable and replaceable battery capable of supporting a minimum of 4 hours operation;					
3.10	Must have minimum 1080P HDMI video out port and an Ethernet PC communication port;					
3.11	Must have a standard tripod mounting connection/thread;					
3.12	Must be able to operate within a climatic range of +5 to +40 degrees Celsius;					
3.13	Must be suitable for handheld operation and weigh no more than 4 pounds;					

Hand Held High Speed Imagers as per the following Mandatory Specifications and Requirements.		Comply	Ref PAGE #	FOR EVALUATION PURPOSES by DND		
				MET	NOT MET	COMMENTS
3.14	Must be weather resistant and all I/O ports must have a cover;					
3.15	Must have a low light viewing option for focusing camera with a minimum of 1600 ISO light sensitivity for viewing.					
4.6	Manuals in both official languages (English and French)					
5.	Warranty: The camera and components must be warranted free from defects in material and workmanship under normal use and service for a period of twelve (12) months minimum, or manufacturer's standard warranty period, whichever is longer.					
6.	Mandatory Delivery: All deliverables listed at Annex "B" MUST be delivered no later than by March 31, 2015 or sooner to CATEU, 5 th Canadian Division Support Base Gagetown.					