RETURN BIDS TO:
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Bid Receiving - PWGSC / Réception des soumissions - TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage , Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

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
Weapons Systems Division/Division des systémes d'arme
11 Laurier St. / 11, rue Laurier
8C2, Place du Portage
Gatineau
Québec
K1A 0S5

Title - Sujet UNITIZED SCOPE RINGS (SSP)	
Solicitation No. - N° de l'invitation W8476-155174/B	**Amendment No. - N° modif.** 002
Client Reference No. - N° de référence du client W8476-155174	**Date** 2015-04-29
GETS Reference No. - N° de référence de SEAG PW-$$BM-014-25062	
File No. - N° de dossier 014bm.W8476-155174	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2015-05-20**	**Time Zone** **Fuseau horaire** Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Bailey (bm div.), Pamela	**Buyer Id - Id de l'acheteur** 014bm
Telephone No. - N° de téléphone (819) 956-3470 ( )	**FAX No. - N° de FAX** (819) 956-5650
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**	

Amendment 002

Amendment 002 is raised to
- Answer Bidder's questions;
- Insert additional information;
- Extend Bid closing.

THE FOLLOWING SHALL FORM PART OF THE RFP

1. At page one of the Solicitation, Solicitation Closes

Delete: 2015-05-08
Insert: 2015-05-20

Bidder's Questions

Question 1:

Annex A of the RFP, paragraph 1.2.3 states that "the mount is required to fix the Schmidt & Bender Variable Magnification Telescope".

There are many Schmidt & Bender telescopes with variable magnification. Can you please provide a technical drawing of this telescope?

Answer 1:

Paragraph 1.2.3 in Annex A is background info and is intended to be used as reference only. Bidders shall refer to section 2.1, Mandatory Requirements, for scope size, specifically requirement 2.1.2. Examples of scopes that will be used are: Schmidt and Bender 3-12x50 PM II/LP, 5-25x56 PM II/LP and 3-20x50 PM II/LP/MTC/LT. Scopes from other vendors may also be used with the scope mount, but will be restricted to the diameter specified in requirement 2.1.2. Drawings are available on the Schmidt and Bender website.

Question 2:

a) Annex A of the RFP, paragraph 2.1.8. states that "the Front Ring Cap shall be a one-piece part that includes a male rail on its top to allow the installation of an in-service Night Vision Optic that has a female Simrad Dovetail interface."

There are many different Simrad interfaces. Please confirm the exact type of male rail Simrad interface required. Can a diagram or technical drawing be provided?

Answer 2a):

The type of male rail Simrad interface required will be to attach to the female Simrad part# 499-807865.1 (NSN 5855-25-150-1336) by Simrad Optronics Ltd.

b) Would it be acceptable to have a two-piece front ring cap that can be assembled into a single part for ease of use?

Answer 2b)

The change identified below provides clarification to the requirement.

In Annex A, Section 2.1.8

Delete: The *front ring cap* shall be a one-piece part that includes a male rail on its top to allow the installation of an in-service Night Vision Optic that has a female Simrad Dovetail interface.

Insert: The *Simrad top rail* shall either attach to or be part of the front ring cap.

Question 3:

Annex A of the RFP, paragraph 2.1.10. states that "the remaining parts shall be manufactured from stainless steel or aircraft grade aluminum".

Stainless steel screws are not as strong as screws made with other steel alloys. To maximize screw strength and to provide outstanding corrosion resistance, would screws made of a quality high strength steel and finished with a Zinc-Nickel surface treatment that are qualified for 700 hours in salt spray be acceptable?

Answer 3

The changes identified below provide clarification to the requirement.

In Annex A, Section 2.1.10

Delete: The remaining parts shall be manufactured from stainless steel or aircraft grade aluminum.

Insert: The remaining parts shall be manufactured from stainless steel or aircraft grade aluminum; however the fasteners can be manufactured from high strength steel and treated for corrosion resistance.

In Annex A, Section 2.1.15

Delete: The stainless-steel parts of the *scope mount* shall bear a black oxide conversion coating.

Insert: The stainless-steel parts of the *scope mount*, and fasteners, shall bear a black oxide conversion coating.

In Annex B, Section 6.1, Requirement 2.1.10, "*Quick Description*" Column

Delete: Other parts in stainless-steel or aluminum

Insert: Other parts in stainless-steel or aluminum (fasteners may be of high strength steel)

In Annex B, Section 6.1, Requirement 2.1.15, "*Quick Description*" Column

Delete: Stainless-steel with black oxide

Insert: Stainless-steel parts and fasteners with black oxide

Question 4:

a) Annex A of the RFP, paragraph 2.1.19. states that "the distance between the clamping base contact surface and the top rail flat bed surface (not the top surface) shall be 59.6 mm ± 0.5 mm." The term "top rail flat bed surface" is not defined in the RFP.

Could you please provide a diagram or technical drawing to clarify the measurement that must be 59.6 mm ± 0.5 mm?

Answer 4a):

Dimension A in the attached sketch *(Unitized Scope Rings - Measurement Schematic CANADA)* represents the distance between the clamping base contact surface and the top rail flat bed surface, and it must equal to 59.6 mm ± 0.5 mm.

b) For other Simrad scope mounts we have worked on, the measurements C and D on the attached schematic have proven to be critical for optimal system function. Would it be possible to have all of the required dimensions marked on the attached schematic?

Answer 4b):

Dimension B is specific to the Bidder's design and therefore will not be specified by Canada, however the male top rail needs to function properly with the female Simrad interface.

Instead of Dimension C, Canada provides Dimension E (see attached sketch) which represents the distance from the center of the Simrad dovetail locking notch to the end of the scope.

To mount the Simrad, Canada uses the Simrad female dovetail and the Simrad mounting bracket. An extension bracket between the Simrad mounting bracket and the Simrad female dovetail is used as required by the length of the scope. A stray light shield will be attached to the Simrad mounting bracket.

In order to ensure that the stray light shield covers the gaps in front of the optical scope, the distance between the center of the Simrad dovetail locking notch to the end of the scope properly installed in the scope mount, dimension E in the diagram,

shall be between 88.5 mm and 137.5 mm when the extension bracket is not required and between 155.5 mm and 193.5 mm when the extension bracket is required.

Dimension D is specific to the Bidder's design and the scope mounted, therefore it will not be specified by Canada.

Question 5:

Annex A of the RFP, paragraph 2.1.21. states that "The bolts holding the nuts shall restrain the nuts from being completely removed in order to prevent loss of parts in the field."

Our design does not use nuts and bolts to clamp the mount to the NATO standard rail. Our mount instead uses a plate that secures the mount to the NATO standard rail with four bolts. The bolts require approximately 3 full turns to install / remove the mount from the NATO standard rail. To remove the bolts from the mount and possibly lose them in the field, the operator would have to turn the bolts an additional 21 full turns.

Given that this is an unlikely occurrence with trained snipers, would this be an acceptable design for this competition?

Answer 5

The changes identified below provide clarification to the requirement.
In Annex A, Section 2.1.21

Delete: The bolts holding the nuts shall restrain the nuts from being removed completely in order to prevent loss of parts in the field.

Insert: The *scope mount* shall be removable from the *rail* by loosening the *clamping lug(s)* without completely removing any parts and while ensuring no loss of parts in the field.

In Annex B, Section 6.1, Requirement 2.1.21, "*Quick Description*" Column

Delete: Clamping lugs nuts restrained from falling

Insert: Removal of Scope Mount without complete removal of parts

Question 6:

Annex A of the RFP does not describe a requirement for built in tilt within the mount.

Is a built-in mount tilt of 0 MOA / 0 Mils acceptable?

Answer 6

The changes identified below provide clarification to the requirement.

In Annex A

Insert: 2.1.24 The scope mount built-in tilt shall be zero (0) MOA.

In Annex B, Section 6.1

Insert in Table 1:

2.1.24	Built-in tilt is zero (0) MOA	DE	E

Additional Items

Amendment to Annex A, Insert the following paragraph:

2.1.25 The *scope mount*, with Schmidt and Bender 3-12x50 PM II/LP, 5-25x56 PM II/LP and 3-20x50 PM II/LP/MTC/LT installed, shall either accommodate the installation of a ring type vial that has a 12.5mm wide clamping width, or **have an integrated vial.**

Amendment to Annex B, Section 6.1, Insert the following requirement in Table 1

2.1.25	Space to install ring type vial or have integrated vial	DE	E

Amendment to Annex B, Section 4.4

Delete: The scope mounts will be subject to live fire testing using a McMillian Tac-50® 0.50 calibre tactical rifle following installation as per the installation instruction provided.

Insert: The scope mounts will be subject to live fire testing using a commercially available 0.50 calibre sniper weapon following installation as per the installation instruction provided.