



**RETURN BIDS TO:**

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**Bid Receiving**

**PWGSC**

**33 City Centre Drive**

**Suite 480C**

**Mississauga**

**Ontario**

**L5B 2N5**

**Bid Fax: (905) 615-2095**

**Revision to a Request for a Standing Offer**

**Révision à une demande d'offre à commandes**

National Individual Standing Offer (NISO)

Offre à commandes individuelle nationale (OCIN)

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada  
Ontario Region  
33 City Centre Drive  
Suite 480  
Mississauga  
Ontario  
L5B 2N5

<b>Title - Sujet</b> EDAS Dataloggers		
<b>Solicitation No. - N° de l'invitation</b> K3D35-160849/A		<b>Date</b> 2016-03-17
<b>Client Reference No. - N° de référence du client</b> K3D35-160849		<b>Amendment No. - N° modif.</b> 006
<b>File No. - N° de dossier</b> TOR-5-38162 (033)	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$TOR-033-7062		
<b>Date of Original Request for Standing Offer</b> Date de la demande de l'offre à commandes originale		2016-02-04
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-03-21</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>Address Enquiries to: - Adresser toutes questions à:</b> Martin, Lesley		<b>Buyer Id - Id de l'acheteur</b> tor033
<b>Telephone No. - N° de téléphone</b> (905) 615-2069 ( )		<b>FAX No. - N° de FAX</b> (905) 615-2060
<b>Delivery Required - Livraison exigée</b>		
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>		
<b>Security - Sécurité</b> This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Acknowledgement copy required</b> <b>Accusé de réception requis</b>	<b>Yes - Oui</b> <input type="checkbox"/>	<b>No - Non</b> <input type="checkbox"/>
<b>The Offeror hereby acknowledges this revision to its Offer.</b> <b>Le proposant constate, par la présente, cette révision à son offre.</b>		
<b>Signature</b>	<b>Date</b>	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
<b>For the Minister - Pour le Ministre</b>		

**Q1.** We made a spreadsheet of the scenario you gave in A5 of Amendment 004 and don't get the same results you describe. In our calculations, we found the maximum 1 minute moving average speed to be "lower" not "higher" than the maximum 1 minute gust speeds taken from a simple average. This happens because the gust is an instantaneous sample and the moving average smooths out the samples producing a lower, not higher value.

Can you provide a spreadsheet showing a sample calculation the way you need it implemented? That might help clarify what is wanted.

**A1.** It is correct that a moving average will filter or smooth time series compared to instantaneous values. However moving averages of a given interval will give different values than averages with non-overlapping intervals.

A sensor is sampling for a few seconds at the top of the minute, providing a single data point to the EDAS, once per minute.

A basic or "simple" average calculating averages for a given interval using non-overlapping data points. As an example, averages for intervals starting at the top of the hour for 0-9minutes, 10 to 19 minutes; 20 to 29 minutes etc.

A moving or running average using overlapping data points where the average for the interval is recalculated for each increment in the sampling time, for example moving averages for each of 0 to 9 minutes, 1 to 10 minutes, 2 to 11 minutes etc. Compared to the basic or non-overlapping average values it representative x minute average values depending on the application.

**Q2.** At Section 3.1.1 Exchange Rate Fluctuation, we request the clause be changed to C3010T.

**A2.** The clause remains unchanged

**Q3.** Section 2.4, 5 Analog. Most analog sensors can be measured accurately with a fixed excitation voltage along with a programmable gain A/D rather than making the excitation programmable. Is this acceptable?

**A3.** Programmable excitation is required