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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

Title - Sujet EDAS Dataloggers		
Solicitation No. - N° de l'invitation K3D35-160849/A		Date 2016-03-17
Client Reference No. - N° de référence du client K3D35-160849		Amendment No. - N° modif. 006
File No. - N° de dossier TOR-5-38162 (033)	CCC No./N° CCC - FMS No./N° VME	
GETS Reference No. - N° de référence de SEAG PW-\$TOR-033-7062		
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale		2016-02-04
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-03-21		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
Address Enquiries to: - Adresser toutes questions à: Martin, Lesley		Buyer Id - Id de l'acheteur tor033
Telephone No. - N° de téléphone (905) 615-2069 ()	FAX No. - N° de FAX (905) 615-2060	
Delivery Required - Livraison exigée		
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		
Security - Sécurité 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

Acknowledgement copy required Accusé de réception requis	Yes - Oui <input type="checkbox"/>	No - Non <input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
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)		
For the Minister - Pour le Ministre		

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