



RETURN RESPONSES TO:

**RETOURNER LES
RÉPONSES À:**

Philip de Leon (Contracting Authority /
Autorité contractante)
Bid Receiving Shared Services Canada |
Réception des soumissions de SPC
Services partagés Canada
700 Montreal Road
Ottawa, Ontario
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Title – Sujet High Performance Computing ITQ Calculateur haute performance ISQ	
Solicitation No. – N° de l’invitation 2B0KB-123816/B	Date October 22, 2013
Amendment No. – N° de modification 004	
Client Reference No. – N° référence du client 2B0KB-123816/B	
GETS Reference No. – N° de reference de SEAG	
File No. – N° de dossier C74.2B0KB-123816/B	CCC No. / N° CCC - FMS No. / N° VME

**INVITATION TO QUALIFY
AMENDMENT**

**MODIFICATION DE L’INVITATION
À SE QUALIFIER**

Solicitation Closes – L’invitation prend fin at – à 02 :00 PM on – le October 25, 2013 – le 25 octobre 2013	Time Zone Fuseau horaire Eastern Standard Time (EST) Heure Normale de l’Est (HNE)
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Inquiries to : - Adresser toutes questions à: Philip de Leon	Buyer Id – Id de l’acheteur
Telephone No. – N° de téléphone : 819-956-1544	Email - Courriel philip.deleon@spc-ssc.gc.ca
Destination – of Goods, Services, and Construction: Destination – des biens, services et construction : See Herein Voir aux présentes	

Comments - Commentaires

This document contains a Security Requirement / Ce document comprend des exigences relatives à la sécurité

Delivery required - Livraison exigée See Herein Voir aux présentes	Delivery Offered – Livraison proposée
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Vendor/Firm Name and address

Raison sociale et adresse du fournisseur/de l’entrepreneur

Issuing Office – Bureau de distribution

Shared Services Canada / Services partagés Canada
Procurement And Vendor Relationships / Approvisionnement et relations avec les fournisseurs
11 Laurier Street
Gatineau, Quebec
K1A 0S5



This solicitation Amendment 004 is raised to:

1. Provide responses to questions submitted;
2. To amend the solicitation accordingly; and
3. To provide a copy of the presentation made at the Repondents' Conference on October 16, 2013.

1. QUESTIONS AND ANSWERS – SET #4

Q11. Reference: Annex D, Gate Test

The only complete output is from runmodel of debug (labeled as out_YY-debug). However, this output is from an older version (3 versions older) and was generated on Apr 19 19:40:25 2013.

Please provide the complete outputs from runentry and runmodel parts using the latest version for at least debug and 800 data sets.

A11. A new listing for YY-debug has been made available in Gate Test Version 20131018.

Q12. Reference: ITQ Response

Is a response required to each section of the ITQ?

A12. Please refer to Part 4, Response Preparation Instructions, for requirements related to a vendor's ITQ response.

Q13. Reference: Industry Engagement Day Material

Was there an Industry Engagement Day for this requirement? I can't find any content around this on the SSC web site. If so, was there any material shared during that day that I can get?

A13. An Industry Day was not held for this requirement, therefore, there is no such briefing material to share.

Q14. Reference: ITQ Consultation Process

Are vendors able to speak directly to the SSC end-users during the ITQ stage in order to gauge if they are up to date on the latest HPC technology?

A14. Direct contact between vendors and SSC end-users to discuss requirements directly related to this ITQ is not permitted. As per Section 3.3 of the ITQ, Qualified Respondents will be given the opportunity to "*provide comments, suggestions, and/or identify areas that require additional clarification from Canada*" during the Review and Refine Requirements (RRR) Phase.

Q15. Reference: Annex D, Gate Test

While we are able to meet the requirement of within 5% variation in 'Standard Deviation' reported in the sample results for six metrics, we are more than 5% variation in the 'Mean' values for a few metrics.



a) Could you confirm whether the sample output (from YY-800 runs) for accuracy calculations are from the latest version of the source?

b) Also please confirm that the baseline for comparison is 'Mean' vs 'Standard' deviation results, we've seen standard deviation more often used for comparison.

A15. a) For the variables being evaluated, there is no significant difference between the results produced from all versions of the Gate Test code.

b) As per Annex D, the baseline for comparison is mean deviation.

Q16. Reference: Annex D, Gate Test

In regards to variable VT1 at the 192nd time step; Due to the absolute magnitude of this variable (order of 10-8) we would like to request its exclusion from the accuracy evaluations, much like the exclusion of the WT1 variable, which we believe is too unstable to measure due to its small magnitude, and perhaps not appropriate to assess the accuracy of the computations.

A16. The set of variables to be evaluated has been amended; See revisions to Annex D below.

2. The ITQ is amended as follows:

At Annex D, Information and Instructions for Canada Supplied ITQ Gate Test,

DELETE: At paragraph 1, "Version 20131009 must be used."

INSERT: At paragraph 1, "Respondents must use one of either version 20131009 or 20131018 to generate their data."

And

DELETE: At paragraph 4, "The Respondents' results must be within 5% of the mean values provided for the variables 192UT1, 192VT1, 192TT1, 192ST1 and 192HU:P."

INSERT: At paragraph 4 "The Respondents' results must be within 5% of the mean values provided for the variables 192TT1 and 192ST1."

All other terms and conditions remain unchanged