



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada  
Room 100,  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3B 0T6  
Bid Fax: (204) 983-0338

**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**  
Public Works and Government Services Canada -  
Western Region  
Room 100  
167 Lombard Ave.  
Winnipeg  
Manitoba  
R3B 0T6

<b>Title - Sujet</b> Plot Seeder	
<b>Solicitation No. - N° de l'invitation</b> 01633-180670/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 01633-180670	<b>Date</b> 2017-12-07
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$WPG-016-10368	
<b>File No. - N° de dossier</b> WPG-7-40163 (016)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-01-03</b>	
<b>Time Zone</b> Fuseau horaire Central Standard Time CST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Hall, Marlene	<b>Buyer Id - Id de l'acheteur</b> wpg016
<b>Telephone No. - N° de téléphone</b> (204) 230-0147 ( )	<b>FAX No. - N° de FAX</b> (204) 983-7796
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Agriculture & Agri-Food Canada 370 River Road Portage La Prairie, Manitoba Canada R1N 3V6	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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This **amendment # 002** is raised to provide Canada's answers to Supplier's questions to solicitation **# 01633-180670/A** as follows:

- Q1. Item 1: What would be considered the ideal number of openers and row spacing?  
A1. Refer to amendment # 002, item 1.
- Q2. Would fewer openers with side banding ability be acceptable?  
A2. Refer to Amendment # 001, item 3.
- Q3. Is the maximum overall width of the seeder to not exceed 2.62 m (8.5 feet)? This is the maximum legal transport width on Manitoba highways without over width permitting. If a 2.62 m width is required, this will affect the design, potentially reducing the plot width to approximately 67.5 inches (10 openers at 7.5 inch row spacing). This spacing will allow optimal location of the ground wheels. If a wider plot width is required, the ground wheels will need to be moved rearward, behind the openers. This results in greater seeder weight being transferred to the tractor. A three point hitch adapter mount would be needed to support the gooseneck hitch of the trail type seeder. Is this acceptable?  
A3. The intent is not to have the seeder too wide for transport and to have an effective seeding width of no more than 2m – the width of the seeder can be greater than this to ensure design is able to meet other criteria.
- Q4. Are openers, which do not require a separate rank of mid-row banding openers, be acceptable?  
A4. Yes.
- Q5. The preference of the openers and the resulting choice of row spacing will affect other details of design. Is there a design approach that will optimize the performance and objects you have for this seeder?  
A5. Our main priorities are to have no-till capability with seed-fertilizer separation so that in most instances seeding and fertilization are a one-pass operation.
- Q6. How many manifolds and what port configurations are required?  
A 6. One (1) manifold with number of ports matching the number of openers.
- Q7. What is the intention, to simply stop seed flow, or to elevate the certain openers to minimize seedbed disturbance? If openers are to be elevated, do all openers need to have independent control, allowing any combination to be elevated.  
A7. Elevated openers are acceptable.
- Q8. Is there a preference for side band versus mid-row banding of fertilizer?  
A8. Refer to Amendment # 001, item 5.
- Q9. Would custom boxes with either the Crust Buster or the Amazone metering systems be acceptable option versus the multiple Gandy boxes?  
A9. Refer to Item # 6 – Gandy Boxes are required.

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Q10. Is the intention to meter all seed through the cone metering system?  
A10. Yes

Q11. Is there a need for bulk seed metering box (Gandy or Amazone custom)?  
A11. No bulk seeding required – only bulk fertilization required.

Q12. What seeder function would be integrated with the Greenstar system?  
A12. We are planning to use the GPS system to keep planting patterns straight and uniform spacing – not looking at variable rate planting at this time.

Q13. How is the vacuum delivery system to function on this seeder? Is it a means of product delivery to the openers and if so, how?  
A13. Refer to amendment # 001, item 10.

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1. Reference Annex A, Requirement – Compliance Matrix, page 11 of 14, and amend as follows:

Delete: In its entirety

Insert: Replace with the following

**Compliance Matrix:**

<p><b><u>Completion and submission of Mandatory Performance Specification is required to be considered responsive and for your offer to be given further consideration.</u></b></p> <p>a. Bidder must cross reference where in their technical offer, the performance specification is located.</p> <p>b. Provide the specification being offered which meets or exceeds <u>and cross-reference as to where the supporting documentation is found within your proposal.</u> If there is insufficient space in the table, assign SIR # (Supplementary Information Reference) and provide the appropriate details on a separate page in your offer. Where published supporting documentation is not available in the form of brochures, technical data sheets etc., prepare a written narrative complete with a detailed explanation of how its offer demonstrates compliance.</p>		
<p><u>All work and materials herein specified must meet and maintain minimum Canadian and Provincial certification(s) and approval(s) as applicable by Industry Standards.</u></p>		
Item	Specifications	Bidder Response: indicate how they meet the specifications addressed below/ cross-reference where this technical specification is indicated in their bid documentation
1.	New individual seed opener row width not less than 7.5 inches and not greater than 12 inches. Minimum 4 seed openers.	
2.	Openers shall be either disk openers (i.e. John Deere, Great Plains or equivalent) or disc/hoe openers (i.e. Pillar Lazer or equivalent) without causing hairpinning on existing crop residue. (Working no-till openers)	
3.	Seed distribution shall be via a cone with the capability to vary delivery to a different number of openers (i.e. ability to change cone funnels). Minimum 2 boxes: one with a minimum of four outlets to match the number of seed openers; another box for the side-band or mid-row band fertilizer (if side band, then number of outlets should match the number of seed openers; if mid-row band then the number of outlets is one more than the number of seed openers.)	
3.1	<b>One (1) manifold with number of ports matching the number of openers.</b>	
3.2	<b>Elevated openers are acceptable.</b>	

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4.	Variable row spacing options shall be achieved by having the ability to lift and/or shut off certain openers to deliver seed in wider row spacing	
5.	Fertilizer placement and delivery shall be either mid-row band or side band	
6.	Attachment of multiple Gandy boxes for bulk delivery of dry fertilizer, inoculants, etc. Pull type is an option if too heavy to lift.	
7.	Size/weight requirements to allow operation with tractor less than 60 hp. Tractor lifts approx. 3374 lbs.	
7.1	<b>For the bulk delivery of dry fertilizer, attachment of a series of Gandy Boxes with Positive Displacement Metering. One series of Gandy box/boxes to deliver dry fertilizer to the seed furrow, and another series of Gandy box/boxes to deliver dry fertilizer to either mid-row banding openers or as a side-band delivery method.</b>	
8.	Overall seeding width not greater than 2 m (79 inches)	
9.	GPS compatible with John Deere's Greenstar system	
10.	Air delivery system (i.e. vacuum system) is an option, but not a requirement.	
11.	Must provide at least 1 (one) operating manual and any other relevant reference material, such as parts or service manuals. Documentation provided must be in English and must be provided at the time of delivery. Electronic or hard copy.	

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**