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**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

Vehicles & Industrial Products Division

11 Laurier St./11, rue Laurier

7A2, Place du Portage, Phase III

Gatineau, Québec K1A 0S5

Title - Sujet Truck, Flat Deck , 30 Ton Crane	
Solicitation No. - N° de l'invitation W8476-175577/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client W8476-175577	Date 2017-07-26
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-923-73018	
File No. - N° de dossier hp923.W8476-175577	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-08-22	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Martin, Erik	Buyer Id - Id de l'acheteur hp923
Telephone No. - N° de téléphone (873) 469-3318 ()	FAX No. - N° de FAX () -
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

THIS SOLICITATION AMENDMENT **004** IS ISSUE TO POST QUESTIONS AND ANSWERS #18 TO #23:

Solicitation #W8476-175577/A

Truck, Flat Deck, 30 Ton Crane/Questions & Answers

Q #	Questions	Answers	Modifying Specifications?
1	<p>Annex A - Para 3.21. Crane - J. Crane System VIII - item 3. Boom:</p> <p>We request that this close be modified to allow the inclusion of another crane model since only 1 crane on the market has this length.</p> <p>Question: Could you change to 100 feet as a minimum?</p>	<p>The boom must have a length of be at least 30.5 m (100 feet)</p>	<p>Yes.</p> <p>Department of National Defence (DND) is to amend paragraph 3.21 (j) viii.3 to read: The boom must have a length of be at least 30.5 m (100 feet)</p>
2	<p>Annex A - Para 3.21. Crane - J. Crane system - XVI. Crane controls - item 3. Console:</p> <p>Crane control This application refers to a particular crane model.</p> <p>Question: Could you change to a fixed control station on both sides or a control station rotary?</p>	<p>The console must be a fixed control station on both sides of the crane.</p>	<p>Yes.</p> <p>DND is to amend paragraph 3.21 (j) xvi 3. The console must be a fixed control station on both sides of the crane;</p>
3	<p>Page 5 3.5 seating 2/3 passenger seat and then on page 6 (c) asks for bucket seats.</p> <p>Question: Could you please clarify what type of seats is required?</p>	<p>The vehicle must be provided with push button controlled air suspension driver seat and a bench seat for two (2) passengers;</p>	<p>Yes.</p> <p>DND is to delete paragraph 3.5 (b) iv from PD;</p> <p>DND is to amend paragraph 3.5 (c) to read</p>

			<p>i. The vehicle must be provided with push button controlled air suspension driver seat;</p> <p>ii. The vehicle must be provided with a bench seat for two (2)passengers;</p>
4	<p>Page 5 Cab conventional on page 9 3.14 (i) asks for extended cab.</p> <p>Question: What style of cab do you require?</p>	<p>The vehicle must be provided with a conventional cab with a rear visibility window:</p>	<p>Yes.</p> <p>DND is to amend para 3.14(i) to read: The conventional cab must be provided with ...</p>
5	<p>On page 6 3.6 (1) A requests spring suspension on all axles , then on same 3.6 (c) states automatic leveling valve on rear suspension which is not available on spring suspension on air ride.</p> <p>Question: What is required exactly?</p>	<p>The vehicle must be provided on the front and rear axles with leaf spring suspension;</p>	<p>Yes.</p> <p>DND is to delete para 3.6.1 (c) from PD.</p>
6	<p>Payload: Tender states “up to 9072 KG’s”. There is no possible way as the bare chassis will weigh over 20,000 pounds and the crane over 21000 lbs and the deck at least 3500 lbs . So you would only have around 12,800 lbs of legal payload.</p> <p>Question: How much payload will be placed on this truck?</p>	<p>The vehicle must have a GVWR of at least 29,900 kg (66,000) LBS</p>	<p>Yes.</p> <p>DND is to amend paragraph 3.4 (d) to read : The vehicle must have a GVWR of at least 29,900 kg (66,000 lbs)</p>
7	<p>Section (j) v. states that the “crane must stow itself across the vehicle by folding within a width of no more than 2590mm”. This can only be done by a folding articulated crane.</p> <p>Question: Can you confirm that a</p>	<p>Not acceptable. It must be a boom crane with 4 section hydraulically telescoping boom.</p>	<p>Yes.</p> <p>DND is to delete paragraph 3.21(j) v. from PD.</p>

	folding articulated crane is acceptable?		
8	<p>In the tender section (i) you ask for a pintle Hook as illustrated in the tender.</p> <p>As you can see the current unit the pictures were provided of doesn't have a hitch.</p> <p>In accordance to Transport Canada the distance between the center wheels (in the rear) and the hitch cannot exceed 1.8M. What this means is that the standard pintle plate assembly as illustrated cannot be Transport Canada compliant.</p> <p>Question: Can you have your people clarify what exactly they need and have them confirm the Transport Canada regulations on hitches?</p>	<p>According to paragraph 3.21 (i). xv this is a general arrangement of the preferred layout of the pintle hook assembly. However all the components detailed in paragraph 3.21 (i). i- xiv must be provided.</p> <p>The figures/illustrations provided are just for guidance.</p>	No
9	<p>Section xvi (2) Craning Control The tender calls out for "Crane must be equipped with a corrosion proof console" The industry standard</p> <p>Is to use automotive quality painting practises to provide a corrosion resistant console as corrosion proof cannot be achieved.</p> <p>Question: Would this be acceptable?</p>	Yes, it's acceptable.	Department of National Defence (DND) is to amend paragraph 3.21 (j) xvi 2. to read : Crane must be equipped with corrosion resistant console;
10	The tender calls out for "a console must be tilted to right or left side of the crane as needed and stowed in the center position	Yes it's acceptable. The console must be a fixed control station on both sides of the crane.	Yes. DND is to amend paragraph 3.21 (j)

	<p>for transport” Section xvi (3). There is only one crane manufacturer that offered this option on their 27 and 30 ton cranes but have discontinued these model and this option is no longer available.</p> <p>Question: Would a crane with a fixed operator console with crane controls stations at both the driver’s side and passenger’s side be acceptable?</p>		<p>xvi 3. The console must be a fixed control station on both sides of the crane;</p>
11	<p>The tender calls out for “stabilizers must be provided with pivoting foot plates” Section x (6).</p> <p>It is common for the crane outriggers (stabilizers) to be equipped with pivoting but the rear stabilizers and single front stabilizers are equipped with fixed plates.</p> <p>Question: Would this be acceptable?</p>	<p>Yes, it’s acceptable.</p>	<p>DND is to amend paragraph 3.21 (j) x 6: The stabilizers must be provided with fixed foot plates;</p>
12	<p>The tender calls out for “The vehicle must have a payload capacity of at least 9,072 kg” with the Definition of “Payload” means the maximum cargo load carrying capacity of the vehicle Section 1.3 (F).</p> <p>Question: In this case, is the crane weight being considered part of the cargo payload as your typical 30 ton crane with 22’ deck installed on a 60,000 GVW chassis has an estimated final curb weight of 51,000 lbs with an estimated theoretical “payload” of 9,000 lbs?</p>	<p>The crane is considered part of the curb weight (note the curb weight definition in para 1.3 (e)). The GVWR must be at least 29,900 kg (66.000 lbs), as indicated in Q/A #6.</p>	<p>No.</p>

13	<p>Section 3.5 Vehicle cab – Conventional Cab</p> <p>In this section the cab is referenced as a conventional cab but in section 3.14 Electrical System items (i) and (m) the cab is referenced as an extended cab.</p> <p>Question: Could you confirm that conventional cab is correct?</p>	Already answered. Please see Q/A #4	No.
14	<p>Ref Section 3.21 section J- Crane System sub section X Stabilizers</p> <p>Question: Could you provide a description for the cranes front outriggers?</p>	Section 3.21 (j) x from Purchase Description refers to commercial hydraulic stabilizers. The paragraph 3.21(j) x 1. will be amended to read: The boom crane must be provided with at least four hydraulically operated stabilizers.	<p>Yes.</p> <p>DND is to amend paragraph 3.21(j) x 1 to read: The boom crane must be provided with at least four hydraulically operated stabilizers.</p>
15	<p>Ref Section 3.21 section J- Crane System sub section XV, Load Moment Indicator</p> <p>Question: Could you amend this section to include “graphical display rated capacity limiter (RCL) and anti-two block system”?</p>	The requirements in section 3.21 (j) xv are for a basic commercial boom crane. The anti-two block device has been mentioned in Purchase Description (Para 3.21 (j) xvi 6)).	<p>Yes.</p> <p>DND is to amend paragraph 3.21(j) xv to read:</p> <ol style="list-style-type: none"> 1. The crane controls must have a Load Moment Indicator (LMI) or Equivalent. 2. The LMI or Equivalent must include all functions to maintain safe operating conditions; and 3. Operator intervention to maintain safe operating conditions must not be required. It is

			preferred to have a variable intensity back- lit LCD display.
16	<p>Ref Section 3.21 section J- Crane system sub section XVI: Crane Controls.</p> <p>Question: Could you provide a full description of the control console?</p>	The control console must meet the requirements and functions for a commercial crane. Para 3.21 (j) xvi 2, 3 already amended to describe what is needed. Note Q/A 10-11.	No.
17	<p>Crane specifications:</p> <p>Question: Would the new National Crane model NBT30H-2 be considered as an equal to the crane being tendered?</p>	The crane model provided must meet the requirements in the Purchase Description.	No.
18	<p>Question: Is the PWGSC Client exempt from the Provinces hitch offset regulation?</p>	No. The bidder must check the Provinces hitch offset regulations where the vehicle will be delivered/operate.	No.
19	<p>Section 3.21 (e) Frame mounted Storage ii;</p> <p>The tender calls out for “One (1) compartment, located on the roadside forward of the rear axle, must have a nominal dimension of 760mm x 610 mm x 610mm (30X24x24 inches) “</p> <p>Due to the space requirement of the hydraulic tank the dimension will have to be changed to approx. 24” or relocated to behind the drive axles.</p> <p>Question: Is this acceptable?</p>	<p>Yes, It’s acceptable</p> <p>The nominal dimension for the storage located on the road side will be reduced to 610 mm (24”).</p>	<p>Yes.</p> <p>DND is to amend paragraph 3.21 (e) ii to read: One (1) compartment, located on the roadside forward of the rear axle, must have nominal dimensions of 610 mm x 610 mm x 610 mm(24 x 24 x 24 inches);</p>
20	<p>Section 3.21 (g) Flat Deck iv:</p> <p>The tender calls out for “The flat deck support structure must have a structural box channel steel main frame rails, with nominal dimensions of at least 127 by 48</p>	<p>The following paragraphs from Purchase Description Section 3.21 (g) Flat Deck will be amended:</p> <p>iv. The flat deck support structure must have a</p>	<p>Yes.</p> <p>DND is to amend Paragraph 3.21 (g):</p> <p>iv. The flat deck support structure</p>

	<p>mm (5 by 1 – 7/8 inches)”. Some straight boom cranes are equipped with full length torsion boxes that allow for the deck assembly to be attached to the torsion box by bolting the deck assembly with the use of a ½” x 3” flat bar running the length of the deck so no box channel steel main frame are required. In addition item vii “each cross member must have at least one support gusset welded to the mainframe rails” is not necessary and is not possible as the manufacturer does not permit welding to the torsion box as it may prevent the necessary flexing of the torsion box as it is designed to do. And item ix “The deck support structure must be mounted using a full length hard ward spacer” is not required for installation practice as noted above.</p> <p>Question : Is this acceptable?</p>	<p>structural box channel steel main frame rails, with nominal dimensions of at least 127 by 48 mm (5 by 1 – 7/8 inches)”. or Equivalent; V. The flat deck support structure must be supported by 101.6 mm (4 inch) “T”-beam or “C”-channel type cross-members or Equivalent on a maximum of 305 mm (12 inches) centres; vii. Each cross member must have one support gusset welded to the main frame rails or Equivalent; ix. The flat deck support structure must be mounted using a full-length hardwood spacer or Equivalent;</p>	<p>must have a structural box channel steel main frame rails, with nominal dimensions of at least 127 by 48 mm (5 by 1 – 7/8 inches)”. or Equivalent; V. The flat deck support structure must be supported by 101.6 mm (4 inch) “T”-beam or “C”-channel type cross-members or Equivalent on a maximum of 305 mm (12 inches) centres; vii. Each cross member must have one support gusset welded to the main frame rails or Equivalent; ix. The flat deck support structure must be mounted using a full-length hardwood spacer or Equivalent;</p>
21	<p>Section 3.21 (g) (xii) Winch Binders & Sliding Tracks:</p> <p>Items 1,3 and 4 contradict each other based on spacing stated.</p> <p>Question: Is the requirement for this section to supply four winch binders for 2” straps and 6 winch binders with 4” straps with all binders all installed on a binder sliding track on the curb side of</p>	<p>The requirement is for 4 winch binder sliding tracks complete with at least 6 ratchet type sliding winch binders and 102 mm (4 inch) cargo straps;</p>	<p>Yes</p> <p>DND is to amend Paragraph 3.21 (g) xii to read: 1. The flat deck must be provided with four winch binder sliding tracks on the curb side of the deck complete with at least six (6)</p>

	the deck?		ratchet type sliding winch binders and 102 mm (4 inch) cargo straps; and 2. The winch binders must have a strap length of at least 9.1 m (358 inches).
22	<p>Section 3.21 (g) xviii Bulkhead Item 1 – “The flat deck must be provided with a permanently mounted bulkhead rack with window opening aligned with the rear cab window”. To allow access to the crane valve bank the bulkhead must be removable and with the crane being installed behind the chassis the bulkhead height should be approx. 24 – 36” in height, solid with no window.</p> <p>Item 4 and 5. The bulkhead can be provided with 2 recessed to tie down rings rated to 5,000lb but the 5,000 lb capacity cannot be confirmed due to the methods used to secure the removable bulkhead.</p> <p>Question: Is this acceptable?</p>	The flat deck must be provided with a bulkhead rack or Equivalent.	<p>Yes.</p> <p>DND is to amend paragraph 3.21 (g) xviii to read: 1. The flat deck must be provided with a bulkhead or Equivalent.</p>
23	<p>RE: 3.8.2 Axles (b) and (c): you are referring to a single axle, not axles. This 30 ton crane would require rear tandem axles in order to meet your payload requirement 3.4 (e) and towing load capacity 3.4 (f).</p> <p>Questions: Can you clarify please?</p>	3.8.2 Axles (b) The vehicle must be provided with dual tandem rear drive axles; (c) The rear axles must be provided with driver controlled differential locks.	<p>Yes.</p> <p>DND is to amend paragraph 3.8.2 to read: (b) The vehicle must be provided with dual tandem rear drive axles; and (c) The rear axles must be provided with driver controlled</p>

			differential locks.
24	T.A. Initiative 3.8.1 Automatic Transmission.	3.8.1 Automatic Transmission. (e) The transmission must be equipped with an instant release, electrically operated, programmable, electronic high idle control; and (f) The high idle control must be connected so as not to allow the high idle to engage when the transmission is in gear and the parking is applied.	Yes. DND is to amend paragraph 3.8.1 to read: (e) The transmission must be equipped with an instant release, electrically operated, programmable, electronic high idle control; and (f) The high idle control must be connected so as not to allow the high idle to engage when the transmission is in gear and the parking is applied.

PLEASE NOTE: The revised version of the “**ANNEX B – PURCHASE DESCRIPTION – Truck, Flat Deck, 30 Ton Crane**” will be issued with the Contract in order to reflect all modifications made during the Solicitation process.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.