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**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jaspe  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**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  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Vacuum Truck	
<b>Solicitation No. - N° de l'invitation</b> 5P414-180711/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 5P414-180711	<b>Date</b> 2019-01-17
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$EDM-024-11523	
<b>File No. - N° de dossier</b> EDM-8-41157 (024)	<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 2019-02-05</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Standard Time MST
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Tiet, Anthony	<b>Buyer Id - Id de l'acheteur</b> edm024
<b>Telephone No. - N° de téléphone</b> (587) 926-1376 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**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> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<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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Amendment 002 has been raised to make the following changes:

On page 12 of 25, under **ANNEX “B”, COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

**DELETE:** In its entirety

**INSERT:**

A complete list of the minimum mandatory performance specifications are detailed below in the “Compliance Matrix”. Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders **must** show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered “meets” or “doesn’t meet”.
2. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
3. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.
4. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.
5. Failure to meet each performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

**COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:**

Requirement	Manufacturer(s) Offered:	Model Number(s) Offered:
Vacuum Truck		

Item #	Performance Specification	Status (M) Mandatory (D) Desirable*	Performance Specification Met? Indicate either Yes/No	Performance Specification Offered: Bidder <u>should</u> indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
<b>Vehicle Performance Specification</b>					
<b>A</b>	<b>Cab Requirements</b>				
1	The vehicle must be a standard, single 2 door cab.	M			
2	The cab must be provided with door locks	M			
3	The cab must be provided with air horn(s), protected from snow clogging.	M			
4	The cab must be provided with provided with intermittent windshield wipers.	M			
5	The cab must be provided with powered windows.	M			
6	The cab must be provided with 2 rotating and pivoting interior sun Visors.	M			
7	The cab must be provided with interior rubber floor mats.	M			
8	The vehicle must be provided with an air conditioning system.	M			
9	The vehicle must be provided with an AM/FM radio with CD player and at least 1 USB input.	M			

<b>B Mirrors</b>					
1	A rear view mirror system must be provided on the exterior of each side of the vehicle cab providing the operator with clear visibility to the sides and rear of the vehicle.	M			
2	Each mirror system must be provided with a tall and narrow "West-Coast" style.	M			
3	Each mirror system must be provided with a convex mirror.	M			
4	Mirror must have heating activated by an in-cab control accessible to the operator.	M			
<b>C Instruments</b>					
1	All dash board gauges and readouts must be in metric units.	M			
<b>D Seats</b>					
1	The vehicle must be provided with push button controlled, air suspension driver seat.	M			
2	The seat must adjustable lumbar support.	M			
<b>E Keys</b>					
1	A common key must be used for all cab and ignition functions (including ignition and doors).	M			
<b>F Lighting</b>					
1	The vehicle must be provided with two 360-degree visibility amber beacon lights: one installed on the top of the cab and one the rear of the tank.	M			

G	Electrical System				
1	The electrical system must be provided with a backup alarm that is activated when the vehicle transmission is in reverse.	M			
2	All exterior electrical wiring must be installed in a manner that firmly fastens the wiring to the chassis, protect against abrasion, crushing and weather.	M			
3	All electrical connections must be made within a weatherproof plug or junction box.	M			
4	The electrical system must be 12 Volt and provided with an alternator with an output of at least 160 amperes.	M			
5	The electrical system must be provided with maintenance-free batteries.	M			
6	The electrical system must be provided with a master disconnect switch to isolate the batteries from the electrical system.	M			
7	Shutting off the master disconnect switch must not remove power from a device that requires power to retain its memory (example: radio / clock pre-sets, etc.).	M			
8	The wiring must be protected by insulating grommets where passing through metal.	M			

9	The electrical system must be provided with two spare 15 amp switches on the dashboard for future electrical user add-ons.	M			
<b>H</b>	<b>Suspension</b>				
1	The vehicle must be provided with a front spring suspension and a rear, highway type, air suspension.	M			
2	The suspension system must be provided with shock absorbers at all wheel stations	M			
<b>I</b>	<b>Engine</b>				
1	The vehicle must be provided with a diesel engine that must produce minimum horsepower (hp) rating of 350 hp.	M			
2	The engine must be provided with engine coolant suitable for temperatures down to -40 degrees.	M			
3	The engine must be provided with an exhaust system that has a vertical stack that clears the cab roofline with an exhaust elbow above the roofline.	M			
4	The engine cooling system must be provided with a thermostatic fan.	M			
5	The engine must be provided with a driver selectable multi stage internal engine compression brake.	M			
6	The vehicle must be provided with a cruise control system with a fast idle feature.	M			

7	The engine must be provided with 110-Volt engine cold start heaters with a capacity as recommended by the engine manufacturer or conforming to SAE J1310.	M			
8	The fuel tanks for vehicles must have a total capacity of at least 370 Litres.	M			
<b>J</b>	<b>Transmission</b>				
1	The vehicle must be provided with a fully automatic transmission.	M			
2	The transmission must meet the application, including combined vehicle weight, engine horse power and torque performance standards and operational requirements indicated in this document. Must have Power Take Off (PTO) provision.	M			
<b>K</b>	<b>Axles</b>				
1	The front steering axle must be provided with a minimum 16000lb but not exceeding 18000 lb Gross Axle weight rating.	M			
2	The vehicle must be provided with tandem rear drive axles with a Gross Axle rating weight rating of not less than 46000 lbs and not more than 50000 lbs.	M			
3	Rear axles must be provided with driver controlled differential lock.	M			
4	Rear axles must be provided driver controlled inter axle differential lock.	M			

L	Brake System				
1	The vehicle must be provided with full air actuated, maxi pot parking brakes.	M			
2	The brake system must be provided with an anti-lock brake system (ABS) suitable for the axle rating supplied. It is acceptable to provide an ABS with automatic traction control.	M			
6	The brake system must be provided with S-cam type air brakes with automatic slack adjusters.	M			
4	The brake system must be provided with a wet air reservoir with a quick connect fitting for the connection for an air-hose.	M			
5	The brake system must be provided with an automatic air dryer with a heated dump valve and spin on desiccant filter.	M			
6	The brake system must be provided with emergency brake chambers on all rear axles.	M			
7	The air compressor and air tank size must be sized for the requirement of the vehicle braking system and added equipment.	M			
M	Steering				
1	The vehicle must be provided with a power assisted steering system and the steering system must be provided with a telescopic/tilt steering column.	M			

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<b>N Wheels and Tires</b>					
1	Rear axles must be provided with highway mud and snow type tread rated tires.	M			
2	Rear axles must be provided with dual tires at each wheel station.	M			
3	The wheel assemblies must be balanced and assembled in accordance to the tire and rim manufacturer's specifications.	M			
4	The vehicle must be provided with a spare tire and wheel assembly for the front axle and provide 12 ton with handle and wheel wrench.	M			
<b>O Colour</b>					
1	The vehicle cab and hood must be painted in white colour. Frame, axles to be painted black.	M			
<b>P Mounted Equipment</b>					
1	The vehicle must be provided with tow hooks mounted at the front and at the rear. Tow hooks and mountings must have sufficient strength to permit the recovery of this vehicle	M			
2	The rear license plate must be illuminated.	M			
3	The vehicle must be provided with front and rear mud flaps.	M			

Vacuum System and Tank Performance Specification					
Q	Hydraulic System				
1	System must be designed and sized correctly to operate continually the requirement of the vacuum truck and systems installed, systems includes vacuum pump, tank hoist and vibrator.	M			
2	System must have minimum 330 liter oil tank c/w vent, site glass, filters, temperature gauge, and inspection and clean out hatch	M			
3	System must have 12 volt hydraulic oil cooler <sup>3</sup>	M			
4	System must have must include a 3 stage hydraulic hoist cylinder.	M			
5	The system must include main system relief and component relief if component maximum pressures are less that main system pressures.	M			
R	Tank				
1	Septic/debris capacity must be minimum 3000 imperial gallons.	M			
2	The tank must be positioned on the chassis to distribute weight correctly between the front and rear axles.	M			
3	The tank shells, rear door and front head must have a minimum thickness of 5/16".	M			
4	Baffles must be installed in the tank to prevent sloshing.	M			

5	The rear door must be fastened with not less than 6-pinwheel threaded door lock system. The pinwheel door lock system must have grease points to prevent seizing.	M			
6	Must be equipped full opening hydraulic lift rear door with safety support. Designed in a manner that will prevent bending of the rear door.	M			
<b>S</b>	<b>Hose rack and Decking</b>				
1	Must have full tank length hose decking incorporated as part of the rear wheel fenders with square tube railings to retain hoses and fittings and securing hose rack.	M			
2	Must be designed and installed in a manner that the bumper extends beyond the rear of the tank and protects the tailgate and rear valving from being damaged in the event of a backing incident or minor collision.	M			
<b>T</b>	<b>Vacuum Pump</b>				
1	Vacuum pump must be able to draw atmospheric maximum pressure for a given altitude and temperature but not less than 28' HG at sea level at standard temperature of 15 degrees Celsius. - 617 CFM @ 18" Hg minimum - 645 CFM free air minimum	M			

2	Vacuum pump must operate at not more than 1000 RPM operating speed.	M			
3	Vacuum pump must have high heat resistant vanes.	M			
4	Vacuum pump must have 4" inlet and outlet ports or greater.	M			
5	Vacuum pump must be hydraulically operated.	M			
6	Vacuum pump must have oil tank and integral oil pump providing forced pump lubrication.	M			
7	Vacuum pump must be equipped vacuum exhaust Muffler and oil separator.	M			
<b>U</b>	<b>Valves Indicators, filters and relief systems</b>				
1	Must have 1 – 4" Stand pipe line with auto open close load valve.	M			
2	Must have 1 – 6" discharge that comes with auto open close discharge valve.	M			
3	Must have an air Isolation valve between tank and pump.	M			
4	Must have a Teflon sealed debris liquid level indicator.	M			
5	Must have a tank pressure and vacuum relief valves.	M			
6	Must have a primary float to prevent debris from entering the pump.	M			
7	Must have high efficiency cyclone style separator complete with drain valve.	M			
8	Must have a cleanable debris filter after the cyclone separator but prior to the air reaching the vacuum pump.	M			

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9	Must have 45-degree elbow on loading valves.	M			
<b>V</b>	<b>Gauges and Controls</b>				
1	Must come equipped with rear of vehicle mounted gauge assembly with tank vacuum/pressure gauge, hydraulic pressure gauges.	M			
2	Must come equipped with a single emergency shutdown. This emergency switch will shut off vacuum pump and rear vacuum valves containing the liquid is to be located on rear left decking.	M			
3	All hydraulic controls and actuators must be mounted together on the right hand side of the vehicle.	M			
<b>W</b>	<b>Tank and Mounted Equipment Paint</b>				
1	The entire tank and body of vacuum system must be sandblasted, primed and painted with 2 part epoxy paint or equivalent industrial quality paint, matching the truck manufactures body color white	M			

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME AND IN FULL EFFECT.**