



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Réception des soumissions - TPSGC / Bid Receiving -
PWGSC

Voir dans le document/

See herein

NA

Québec

NA

**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

TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Snowplow Truck Kuujjuaq Airport	
Solicitation No. - N° de l'invitation T3033-2024B9/C	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client T3033-2024B9	Date 2020-05-06
GETS Reference No. - N° de référence de SEAG PW-\$QCN-040-17911	
File No. - N° de dossier QCN-9-42137 (040)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-05-27	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Beaupré, Patrick	Buyer Id - Id de l'acheteur qcn040
Telephone No. - N° de téléphone (418) 572-5246 ()	FAX No. - N° de FAX (418) 648-2209
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

AMENDMENT 001 TO OUR SOLICITATION

<p>PLEASE NOTE THAT THE CLOSING DATE OF THE TENDER NOTICE HAS BEEN DELAYED TO MAY 27, 2020, AT 14:00 EDT.</p>
--

Please take note of the following changes to this tender notice.

Change #1

DELETE

4.1.2 Financial Evaluation

- Bidders must provide prices Delivered Duty Paid (DDP) Kuujuuag Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on an DDP basis.

INSERT

4.1.2 Financial Evaluation

- Bidders must provide prices Delivered Duty Paid (DDP) Dorval Incoterms 2010 for shipments from a commercial contractor. Bids will be assessed on an DDP basis.

CHANGE #2

DELETE

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 6 months later, inclusively.

INSERT

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 12 months later, inclusively.

CHANGE #3

DELETE

6.4.2 Delivery Date

All deliverables must be received on or before September 30, 2020.

INSERT

6.4.2 Delivery Date

All deliverables must be received on or before March 19, 2021.

CHANGE #4

DELETE

6.6.1 Basis of Payment – Firm Price

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit prices as specified in Annex "B" for a cost of \$ _____. Customs duties are included and Applicable Taxes are extra.

INSERT

6.6.1 Basis of Payment – Firm Lot Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm lot prices as specified in Annex "B" for a cost of \$ _____. Customs duties are included and Applicable Taxes are extra.

CHANGE #5

REPLACE ARTICLE 6.6.2 BY THE FOLLOWING ONE:

6.6.2 Terms of Payment

6.6.2.1 Milestone Payments, Not subject to holdback

Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract if:

- a. an accurate and complete claim for payment using [PWGSC-TPSGC 1111](#), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all the certificates appearing on form [PWGSC-TPSGC 1111](#) have been signed by the respective authorized representatives;
- c. all work associated with the milestone and as applicable any deliverable required has been completed and accepted by Canada.

6.6.2.2 Schedule of Milestones

The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

Milestone	Deliverable	Firm Amount	Date Planned
1	Delivery of the snowplow truck (Dorval)	90% of the total price	At the acceptance of the equipment (March 2021)
2	Startup and Training (Kuujuuaq)	10% of the total price (balance)	Following startup and training (Autumn 2021)

CHANGE #6

REPLACE ARTICLE 6.8 BY THE FOLLOWING ONE:

6.8 Invoicing Instructions – Progress Payment Claim

1. The Contractor must submit a claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment.

Each claim must show:

- a. all information required on form [PWGSC-TPSGC 1111](#);
- b. all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- c. the description and value of the milestone claimed as detailed in the Contract.

Each claim must be supported by:

- a. a copy of the letter or email from the Technical Authority certifying that all deliverables associated with the claim have been accepted.
2. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments.
 3. The Contractor must prepare and certify one original and two (2) copies of the claim on form [PWGSC-TPSGC 1111](#), and forward it to the following address for certification.

Procurement and Support Clerks
Public Services and Procurement Canada
601-1550 Avenue D'Estimauville, Québec, QC, G1J 0C7

For more info : QueReclamation.QueClaim@tpsgc-pwgsc.gc.ca
The Contractor must not submit claims until all work identified in the claim is completed.

CHANGE #7

In Annex A, Section A. General Specifications:

DELETE

8. Startup and Training

[...] The startup and training must be provided when the equipment will be delivered at Kuujuaq Airport, in autumn 2020. [...]

INSERT

8. Startup and Training

[...] The startup and training must be provided when the equipment will be delivered at Kuujuaq Airport, in autumn 2021. [...]

N° de l'invitation - Solicitation No.
T3033-2024B9/C
N° de réf. du client - Client Ref. No.
T3033-2024B9

N° de la modif - Amd. No.
001
File No. - N° du dossier
QCN-9-42137

Id de l'acheteur - Buyer ID
qcn040
N° CCC / CCC No. / N° VME - FMS

CHANGE #8

In Annex A, Section A. General Specifications:

REPLACE ARTICLE 12 BY THE FOLLOWING ONE:

12. Delivery

Delivery must be made at the following address:

Transports Canada
700, Place Leigh-Capreol
Dorval (QC) H4Y 1G7

The delivery trucks must be equipped with a device allowing unloading in places that are not equipped with hydraulic, fixed or other types of unloading installations.

The vehicle must be packaged so that it can be delivered to a port in Quebec and then transported by boat.

CHANGE #9

Replace Section "B" - Technical Specifications of Annex "A" - Requirement with the amended version attached to this document. Changes have been made to sub-section "l" and "r"; as a result, the numbering has changed.

CHANGE #10

Replace Annex "B" - Basis of payment with the amended version attached to this document.

CHANGE #11

Replace Annex "C" – Mandatory Technical Criteria with the amended version attached to this document.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

B. TECHNICAL SPECIFICATIONS amend. 001

Transport Canada requires the supply and delivery of a snow plow truck that will be used in an airport environment. It must be a commercially available product, therefore consisting of standard equipment that does not require additional research and development work. The following technical specifications must be minimally met by the equipment:

a. Chassis

1. The minimum gross vehicle rating shall be 20,909 Kg (46,000 LB) or nearest.
2. Heavy Duty straight steel, full "C" channel, double frame reinforcement.
3. 110,000 psi yield strength frame.

b. Diesel Engine

4. Liquid cooled, 4-stroke, inline six cylinder diesel, turbocharged.
5. The diesel engine shall be EPA TIER III of final TIER IV compliant minimum and fully equipped with all necessary operating accessories.
6. The minimum power output to be 276 kW at the manufacturer's recommended maximum RPM per SAEJ1995.
7. Engine shall have a total displacement of no less than 12.8 liters.
8. Engine electronic control modules and sensors shall be all completely sealed against moisture and dust.
9. Connector's type and electrical wire braiding shall ensure that electrical connections resist corrosion and premature wear.
10. Heavy-duty air filter with dash mounted restriction indicator.
11. Spin-on type full-flow oil filter.
12. -45° Celsius antifreeze protection.
13. 120 volt / 1250 watt engine block heater.

c. Transmission

14. Allison RDS 4500 series, 6 speed automatic or equivalent; 6 forward, 1 reverse.
15. Transmission shall be fully compatible with the diesel engine.
16. Speed selection by push button on the instrument panel, the selector must be illuminated.
17. Transmission shall automatically select gears above first. The operator shall be able to select the highest gear to which the transmission will automatically shift.
18. Transmission shall be equipped with a PTO : Power Take Off
19. The drive system shall match the differential ratio according to the use of this transmission and also the truck intended use.
20. Transmission shall be filled with Synthetic lubricant according with manufacturer specifications.
21. Transmission be equipped with "AUTO NEUTRAL" feature neutralizing device when applying parking brake.
22. Transmission shall be equipped with an oil cooling system and a dashboard temperature indicator.

d. Transfer Case

23. The truck shall be equipped with a transfer case without reduction gear, fully compatible with the engine and the transmission.
24. 4X4 dash mounted switch and position indicator light.

e. Front and Rear Axle / Suspension

25. The front axle to have a minimum capacity of 9,980kg (22,000 LB).
26. The rear axle to have a minimum capacity of 10,400kg (23,000 LB).
27. Axle ratio to be provided must allow for an approximate road speed of 80 km/h;
28. Provide power operated driver controlled, traction lock rear differential, in forward-rear and rear-rear axle, with dash mounted switch and indicator light.
29. Both the front and rear springs are to be progressive, heavy duty type.
30. Front axle, heavy duty shock absorber.
31. Rear air suspension with auxiliary spring.

f. Steering

32. The vehicle must be equipped with two (2) steering boxes: a main steering box and a slave steering box.

33. Tilt steering column.

g. Brake System

- 34. Dual air brake system.
- 35. Air compressor with minimum flow rate of 6.2 liters per second.
- 36. Wide brake band for intense service.
- 37. Spring loaded parking brake with pneumatic release.
- 38. Front brake 16.5 X 6 minimum with "S" cam, equipped with an automatic free play adjuster.
- 39. Rear Brake 16.5 X 7 minimum with "S" cam, equipped with an automatic free play adjuster.
- 40. Dust shields, front and rear brake.
- 41. Bendix AD-9 air dryer with heater or equivalent.
- 42. Manual drains, with pull lanyard.
- 43. In dash pressure gauge with low pressure warning light and buzzer.

h. Fuel Tank

- 44. The fuel tank must have a capacity of a least 220 liters and must be mounted on the left side.

i. Wheels and Tires

- 45. Front and rear wheels must be 13 X 22.5
- 46. Wheels must be in accordance with manufacturer's ratio for loads and operation conditions.
- 47. All tires must be tubeless and radial construction, steel-lined with road and off-road capabilities.
- 48. The front and rear tires must be Goodyear G178SS 445 / 65R22.5 or the equivalent. The capacity must be compatible with the specified axles.
- 49. Supply two (2) spare tires mounted on wheels, one for front and one for rear axle.

j. Electrical, CAB and Instrumentation

- 50. 160 amp, 12 volt alternator.
- 51. Four (4) batteries DELCO 1150 series or equivalent with a cold crank amperage of at least 3600 amp.
- 52. Heavy Duty 12 volt starter.
- 53. Back-up warning alarm of at least 97 DB (compliant with SAE J-994 type "C").
- 54. Master electrical disconnect switch, cab mounted.
- 55. In dash oil pressure gauge with low pressure warning buzzer.
- 56. In dash engine coolant temperature gauge with high temperature warning buzzer.
- 57. Heavy Duty heater/defroster with two (2) additional 2-speed electrical fans mounted so as to assist with the defrosting / defogging of the cab windows.
- 58. 2-speed windshield wipers with washer control and intermittent wiper feature.
- 59. Frame mounted, led, backup lights.
- 60. Daytime running lights.
- 61. Five (5) roof clearance lights.
- 62. Dual west coast style mirrors, stainless, internally heated. Minimum surface of 178mm X 406mm.
- 63. Auxiliary convex mirror of at least 203mm diameter mounted under primary mirrors, internally heated.
- 64. Instrument cluster consisting of oil pressure gauge, water temperature gauge, air pressure gauge, with low air pressure warning buzzer, voltmeter gauge, fuel gauge, speedometer, tachometer with engine hour meter.
- 65. Electric powered passenger door window, operable from driver's and passage seat.
- 66. Dual air horns.
- 67. Front tilt fiberglass hood sloped for visibility.
- 68. Exterior grab handles (chrome) for easy cab entry.
- 69. Dual padded sun-visors.
- 70. Lap and shoulder seat belts with 3 points mounting.
- 71. Lower right hand door visibility window.
- 72. Full air suspension driver seat with high back, lumbar support and arm rest, fabric covered.
- 73. Passenger seat, high back fabric vinyl covered.
- 74. Fully insulated cab with vinyl door panels, roof liner and rear wall liner.
- 75. Black rubber non slip flooring, full coverage.
- 76. The plow cab shall have an outside ambient temperature sensor with display unit or gauge mounted in the cab.

k. Dump box

- 77. Heated heavy duty steel dump box 6.35mm floor thickness. Inside dimensions 3658mm X 2286mm

(12ft x 7½ft).

78. 914mm (30in) high sides, 10 gauge steel.
79. 6.35mm (1/4in) thick, 330mm (13in) cab shield.
80. Front mount hydraulic cylinder will be telescopic, 3 sections treated against corrosion. It will be able to lift the dump box 2 times its weight allowed. The cylinder will tilt the box 45 degrees minimum.
81. The dump box will be equipped with locking bar that will securely support the box when servicing the cylinder.
82. The controls of the dump box cylinder must be mounted in the cabin easily accessible for the driver.
83. The dump box to be equipped with ladder as per standard SAE J185.
84. Dump box warning lights, pillar post surface mounted, amber, quad flash, oval LED.
85. Backup light auxiliary LED, surface mounted on box pillar post, activate with frame mounted backup lights.
86. LED work lights mounted on rear of box for added visibility of towed unit with a separate cab mounted switch.
87. Mud flaps completed with anti-sail splash brackets.
88. Exhaust diverter box to be included to give choice of heating dump box or direct discharge of exhaust.
89. Flat bar LED strobe warning lights (amber color) mounted on cab shield.
90. The body shall incorporate a double locking tailgate and drop chains. The cylinder that tilts the dump box must be telescopic and treated against corrosion, equipped with a canvas electrically retractable from the cab, a ladder for accessing the inside of the box and a cabin protector.
91. Spreader chains.
92. Body sides shall be provided with side board pockets to accommodate 2 inch thick side wood boards.

I. Reversible snow plow and side plows

93. **Supply and install a reversible snow plow of 144 inches long by 54 inches high with a minimum of 30 degree inclination to the left and right, with a raising system built into the snow plow (For example, a raising system using a 4" x 12" cylinder with a chain lift system to raise plow can be accepted).**
94. **Supply and install a nylon reinforced baffle of minimum 12 inches width, bolted at the top.**
95. Supply and install a quick coupler for the reversible snow plow, with integrated tilting device. The female part of the harness must detach completely with the snow plow, leaving no hydraulics, only the fixed male part on the vehicle.
96. **The reversible snow plow shall be equipped with carbide steel blade incorporated in the moldboard tilting from left to right with three (3) carbide blades and a minimum of two (2) adjustable carbide wear shoes.**
97. **Install bright colored stems on each side.**
98. Quick connections for hydraulic system to allow removal of unit.
99. In cab manual controls easily accessible for the driver. The snowplow and harness control can also be a 100% proportional joystick, all installed in a central console with all the switches for the accessories installed on the vehicle.
100. **Supply and install two (2) side plows (driver and passenger sides) of 144 inches long (entrance of the plow 28 inches high and 38 inches output) with carbide steel blade incorporated in the moldboard. The blade shall have a minimum of two (2) inches of continuous wear and have a minimum of two (2) adjustable carbide wear shoes for each side plow.**
101. **Supply and install bright colored stems on each side.**
102. **Supply and install auxiliary lights on the truck (offroad lights – 150W each).**
103. **Supply and install a Target-Tech Heavy duty or equivalent revolving light.**
104. **Supply and install LED lights, mounted on an independent switch, on each side to illuminate de side plows.**
105. **Supply and install LED light bar, mounted on an independent switch, on the roof.**

m. Hydraulic system

106. 5-section sectional control valve installed outside of the cabin and actuated by sealed cables and levers inside the cabin. All required fittings and hoses shall be supplied. The control valve can also be of the hydraulic / pneumatic type.
107. The hydraulic oil must comply with CGSB-3-GP-36M. The hydraulic hoses must meet the S.A.E standard. They must remain flexible and elastic up to a temperature of -40° Celsius.

n. Power take off (PTO)

- 108. PTO compatible with the transmission of the carrying truck. Directly coupled hydraulic pump (reference "MUNCIE" series EH) or equivalent.
- 109. Complete installation and operational connection including the programming of the transmission.
- 110. The PTO must be air actuated and controllable from the inside of the cabin.
- 111. The hydraulic pump must be double stage fixed flow. The flow of each section should be sufficient to ensure a spread rate of 700 Kg / KM at 40 KM / H without impairing the operation of other functions.

o. Hydraulic tank

- 112. The capacity has to be no less than 75 liters.
- 113. Equipped with an interior partition to separate the return from the section.
- 114. Equipped with a return filter with a filtration capacity of 10 microns. The filter must be of the disposable cartridge type and located on the top of the tank.
- 115. The tank must be equipped with a drain plug and a ball valve on suction line.

p. Hydraulic hoses and fittings

- 116. Shall comply with SAE J 517 (Hose) and SAE J 516 (Fittings).
- 117. Both ends of any hose should be mounted with rotating ring or flange at each end.
- 118. Hoses should conform to the SAE standards listed below :
 - a. SAE 100R4 suction hose;
 - b. SAE 100R2A high pressure hoses;
 - c. Return hoses SAE 100R5 or 100R2A.
- 119. Hoses should be adequately supported and protected against abrasion at the point of contact with the various elements of the chassis or the bodywork by means of rubber-clad galvanized steel clamps attached to the chassis and spaces according the diameter of the hose :
 - a. Hoses up to 9.5mm at every 900mm maximum;
 - b. Hose 13 to 25mm tubing; every 1500mm maximum;
 - c. Hoses 32mm and cover; every 2000mm maximum.
- 120. The hydraulic oil must comply with CGSB-3/GP_36M. The hydraulic hoses must meet the SAE standards. They must remain flexible and elastic up to temperature of -40° Celsius.

q. Additional accessories

- 121. Install a mobile transceiver with exterior antenna, VHF-Aviation certified operating on frequency 122.2 MHz, model "IC-A110" manufactured by Icom or equivalent.
- 122. One (1) 2.27 Kg (5.0LB) dry chemical fire extinguisher containing Underwriter's Laboratories approved multi-purpose powder suitable for ABC class fires. Extinguisher shall be gas cartridge operated (nitrogen) with left hand thread. The extinguisher shall be fitted with a discharge hose and nozzle to allow intermittent discharge. The extinguisher shall be bracket-mounted within easy reach of the operator so as not to interfere with his control of the carrier.
- 123. The vehicle must be equipped with a Holland pneumatic tow hook PH410, or equivalent.
- 124. The vehicle must be equipped with a complete backup camera system.
- 125. Provide and install complete tow fittings including electrical and pneumatic equipment mounted at the rear end of the frame, including the pneumatic circuit protection valve of the carrying vehicle and 7-way socket pin.
- 126. The equipment must be painted orange, Dupont urethane based paint #3216

r. Additional items to be delivered with the truck

- 127. One 205 liters drum of engine oil, best suited and recommended for usage in the engine of the vehicle.
- 128. One 205 liters drum of hydraulic oil, best suited and recommended for usage in the hydraulic system of the vehicle.
- 129. Four (4) dry batteries to fit the vehicle.
- 130. Five (5) service kits (including oil, air, fuel and hydraulic filters).
- 131. One replacement of every belt.
- 132. One alternator.
- 133. Two (2) sets of replacement wiper blades.
- 134. Twenty (20) Diesel exhaust fluid (DEF) Containers of 9.46 liters.
- 135. One set of carbide cutting edge for snow plow.
- 136. Two (2) sets of spare blades and wear shoes with bolts for the 144 inches snow plow.**
- 137. Four (4) sets of spare blades and wear shoes with bolts for the 144 inches side plows.**

N° de l'invitation - Solicitation No.
T3033-2024B9/C
N° de réf. du client - Client Ref. No.
T3033-2024B9

N° de la modif - Amd. No.
001
File No. - N° du dossier
QCN-9-42137

Id de l'acheteur - Buyer ID
qcn040
N° CCC / CCC No. / N° VME - FMS

ANNEX « B » - BASIS OF PAYMENT amend. 001

ITEM	DESCRIPTION	FIRM LOT PRICES
1	Snowplow truck and additional items, as described in Annex A	\$
2	Startup and training	\$
3	Manuals, documents and certificates	\$
4	Preparation, delivery to <u>Dorval</u> , handling and all other fees	\$
TOTAL (CAD) (excluding applicable taxes)		\$

ANNEX "C" – MANDATORY TECHNICAL CRITERIA amend. 001

The bidder must clearly demonstrate each mandatory technical criterion in the technical literature/brochures provided. He should indicate, in the table of Annex "C", on which page or document the information is found and he should highlight it in the technical literature/brochures.

Mandatory Technical Criterion	Reference
The minimum gross vehicle rating shall be 20,909kg (46,000 LB) or nearest.	
-45° Celsius antifreeze protection	
The front axle to have a minimum capacity of 9,980kg (22,000 LB)	
Heavy Duty straight steel, full "C" channel, double frame reinforcement	
The vehicle must be equipped with two (2) steering boxes: a main steering box and a slave steering box	
The fuel tank must have a capacity of a least 220 liters and must be mounted on the left side	
The diesel engine shall be EPA TIER III of final TIER IV compliant minimum	
Allison RDS 4500 series or equivalent, 6 speed automatic; 6 forward, 1 reverse.	
Heated heavy duty steel dump box 6.35mm floor thickness. Inside dimensions 3658mm X 2286mm (12ft x 7½ft)	
<u>144 inches wide x 54 inches high reversible snow plow</u>	