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100-1045 Main Street

Moncton

New Brunswick

E1C 1H1

Bid Fax: (506) 851-6759

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

Acquisitions NB/PEI (Moncton Office) – Bureau

d'acquisitions N.-B./Î.-P.-É. (Moncton)

1045 Main Street / 1045, rue Main

Moncton

New Bruns

E1C 1H1

Title - Sujet 4 x 2 Shunt Truck	
Solicitation No. - N° de l'invitation T2012-190118/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client T2012-190118	Date 2020-03-18
GETS Reference No. - N° de référence de SEAG PW-\$MCT-042-5703	
File No. - N° de dossier MCT-9-42115 (042)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-04-28	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
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: Stockman (MCT), Sonia	Buyer Id - Id de l'acheteur mct042
Telephone No. - N° de téléphone (506) 961-7412 ()	FAX No. - N° de FAX (506) 851-6759
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

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Solicitation Amendment

Title : 4X2 Shunt Truck

Solicitation Amendment No. **001**

This solicitation is hereby amended as follows:

- I) To provide the following questions and answers:
- Q1-Item 6.3.2: Would it be acceptable to offer an engine with 200 Hp and 520 lb.ft torque?
A1- No
- Q2-Could you please accept our request to extend the closing date of solicitation for one (1) week?
A2-Yes
- Q3-Regarding item 5.3 (Dealer location) would you please modify this item and accept 150 km distance if we confirm that all the warranty conditions such as parts, labour and travel will be passed according to your requirements?
A3-Yes
- II) Reference: **Closing date appearing of page one of the solicitation document**
DELETE the closing date of **2020-03-26**; and
INSERT the revised closing date of **2020-04-28**
- III) Reference: Section 1.2 Statement of Requirement
DELETE the requirement for **delivery by September 30, 2020**
INSERT the revised requirement for **delivery on or before March 31, 2021**
- IV) Reference: Section 6.4.1 Delivery Date
DELETE the requirement for **delivery by September 30, 2020**
INSERT the revised requirement for **delivery on or before March 31, 2021**
- V) This solicitation is hereby amended to revise ANNEX "A" STATEMENT OF REQUIREMENT (Revised March 18, 2020)
DELETE: ANNEX "A" STATEMENT OF REQUIREMENT, and;
INSERT: ANNEX "A" STATEMENT OF REQUIREMENT (Revised March 18, 2020)
- VI) This solicitation is hereby amended to revise ANNEX "B" BASIS OF PAYMENT (Revised March 18, 2020)
DELETE: ANNEX "B" BASIS OF PAYMENT, and;
INSERT: ANNEX "B" BASIS OF PAYMENT (Revised March 18, 2020)

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If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Sonia Stockman
Telephone No: (506) 961-7412
Facsimile No: (506) 851-6759

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ANNEX "A" STATEMENT OF REQUIREMENT (revised March 18, 2020)

MANDATORY REQUIREMENTS:

Bids **MUST** meet the mandatory requirements specified below. To demonstrate that all requirements of the technical specifications are respected, bidders **MUST** respond with complete specifications and/or descriptive literature of the equipment being offered.

1. SCOPE

1.1. Scope - Supply Transport Canada – Programs Group with the quantity of shunt trucks noted in the request for proposal. The requirement is for **one** (1) NEW, 4 x 2 off road shunt truck complete with all accessories customarily furnished and installed on these types of units, whether specified herein or not, to enable the vehicle to function reliably and efficiently under all conditions of service. All items noted in sections 1 through 6 of this specification must be included in the basic configuration, unless otherwise noted.

SPECIFY THE ACTUAL COMPONENTS SUPPLIED, AND THEIR RATED CAPACITIES, FOR THE UNITS TENDERED. NOTE IN DETAIL ANY DEVIATIONS FROM THE SPECIFIED ITEMS.

COMPLY _____

2. GENERAL REQUIREMENTS

2.1. Standard Requirements - The vehicles supplied under this specification must be the manufacturer's latest model standard commercial product and must have demonstrated industry acceptance by having been manufactured, and sold in significant numbers to the commercial trade and must have been proven in service for the application specified, for at least 1 year prior to the request for proposal; or in the case of a recently introduced item, the manufacturer must submit sufficient valid operational and test data to demonstrate the acceptability of the vehicle.

COMPLY _____

2.2. Overview - The vehicle supplied under this specification must be a 4X2, two wheel drive truck embodying an automatic transmission, a diesel engine, and a tilt forward hood incorporating access hood hatches. The vehicles supplied must be complete with all accessories customarily furnished and installed on this type of vehicle, whether specified herein or not, to enable the vehicle to function reliably and efficiently under all conditions of service.

MAKE _____

MODEL _____

2.3. Operating Conditions - The vehicles supplied must be capable of operating without failure of components when loaded to the maximum GVW specified, and driven over uneven roads. The vehicle must be capable of satisfactory operation in ambient temperatures down to minus 20 degrees Celsius (-20°C).

COMPLY _____

2.4. Mandatory Items – Mandatory requirements are identified by “must” and deviations will not be permitted. Requirements identified by “should” should be satisfied however alternative means will be considered, but must be accepted by the Design Authority as a “Design Authority approved equivalent”. This is a feature or component, which has been evaluated by the Design Authority and determined to meet the specific requirements for form, fit, function and performance, as applicable.

3. **REGULATIONS AND STANDARDS**

3.1. General - All standards and specifications referenced herein refer to the latest editions.

COMPLY _____

3.2. Canada Motor Vehicle Safety Standards - All applicable Canada Motor Vehicle Safety Standards shall be adhered to.

COMPLY _____

4. DELIVERY

- 4.1. Documentation - All necessary documentation (origin certificate, weight ticket, etc.) must be provided to the consignee when the unit is delivered.

COMPLY
- 4.2. Inspection - The prime contractor is responsible to ensure that the vehicles are thoroughly tested, inspected, and that all deviations are corrected prior to delivery. Transport Canada has the right to inspect the vehicle at any stage of production and have all deviations corrected upon request. A final inspection must be completed by the consignee at time of delivery.

COMPLY
- 4.1 Delivery Location – The unit shall be delivered to the Saint John Ferry Terminal at 170 Digby Ferry Road in Saint John, NB.

COMPLY

5. WARRANTY AND MANUALS

- 5.1. Manuals - Provide a minimum of one copy paper and/or include electronic, if available, in English, of the maintenance and parts manuals for the truck chassis. Provide one copy of the manufacturer's maintenance and parts manuals for the front axle, transmission, engine, and rear axle. All manuals must be delivered with the truck.

COMPLY
- 5.2. Warranty - The shunt truck shall be covered by a full vehicle parts and labour warranty for a minimum of (24) twenty-four months from the date of inspection and acceptance as indicated in sections 4.2.

COMPLY
DETAILS
- 5.3. Dealer - Specify the dealer responsible for performing any required warranty repairs. The dealer must be located within 150km of the Saint John Ferry Terminal.

DEALER
CONTACT:
TELEPHONE:
ADDRESS

6. CAB AND CHASSIS

- 6.1. G.C.W.R.

6.1.1. The minimum gross combined weight rating must be a minimum of 34,019 kg (75,000 Lbs).

ACTUAL GWR
- 6.2. Chassis

6.2.1. Wheelbase must be 2946 mm (116 inches) +/- 152 mm (6 inches).

ACTUAL WB

6.2.2. The unit must be equipped with an auto lube system.

COMPLY
- 6.3. Engine

6.3.1. Engine must be a diesel.

COMPLY

6.3.2. Minimum power output must be 210 Hp. Minimum torque to be 881 Nm (650 lb-ft).

ENGINE MAKE AND MODEL
ACTUAL HP
MAXIMUM RPM
ACTUAL TORQUE

6.3.3. Engine must have a fuel water separator with heater.

COMPLY

6.3.4. Engine must have a block heater.

COMPLY

6.3.5. An extended engine dipstick and extended transmission dipstick to the frame rail on the driver's side is required.

COMPLY

6.4. Transmission

6.4.1. The vehicle(s) must incorporate an automatic transmission such as an Allison Gen IV 3500RDS electronic transmission or equivalent.

TRANSMISSION MAKE, MODEL and SPEEDS _____

6.5. Suspension

- 6.5.1. Heavy duty front springs and shock absorbers capable for use with 1,134 kg (2,500 lb) front bumper counterweight.
- 6.5.2. No rear suspension - bolted directly to frame.

FRONT RATING _____

COMPLY _____

6.6. Frame

6.6.1. Full depth, heavy duty, reinforced frame having a minimum RBM of 203,390 Nm (1.8 million in-lbs) at any location.

RBM _____

6.7. Axles

6.7.1. The front axle must have a minimum capacity of 6,803 kg (15,000 lbs).

FA CAPACITY _____ TYPE _____

6.7.2. The rear axle must have a minimum capacity of 27,215 kg (60,000 lbs).

RA CAPACITY _____ TYPE _____

6.7.3. Axle ratio to be 12.28:1 or equivalent.

AXLE RATIO _____

6.7.4. Driver controlled differential lock is required.

TYPE _____

6.7.5. Dual heavy duty shock absorbers shall be installed on the front axle.

COMPLY _____

6.7.6. Mud flaps are required behind steer axle and in front of drive axle.

COMPLY _____

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6.8. Wheels

6.8.1. Front wheels should be 571.5 mm x 209.6 mm (22.5" x 8.25") with 335mm F RIM SIZE _____
hub piloted.

6.8.2. Rear dual wheels should be 571.5 mm x 209.6 mm (22.5" x 8.25") with R RIM SIZE _____
335mm hub piloted.

6.9. Tires

6.9.1. Rear tires must be on/off road, radial type. R MAKE AND TYPE _____

6.9.2. Front tires must be on/off road, radial type. F TYPE AND MAKE _____

6.10. Steering

6.10.1. Integral power steering is required. TYPE _____

6.11. Fuel tank MODEL NO. _____

6.11.1. Capacity should not be less than 189 liters (50 gallons). CAPACITY _____

6.12. Exhaust

6.12.1. Vertical exhaust pipe is required. COMPLY _____

	STATE ACTUAL SIZE OR CAPACITY
6.13. <u>Brakes</u>	
6.13.1. Full air brakes incorporating the following items;	1. _____
6.13.2. Spring applied, air release parking brakes.	2. _____
6.13.3. Minimum 16.5 x 5 "S cam" front brakes with automatic adjusters.	3. _____
6.13.4. Minimum 16.5 x 7 "S cam" rear brakes with automatic adjusters.	4. _____
6.13.5. Bendix AD-9 air dry or equivalent is required.	COMPLY _____
6.13.6. The vehicle must have a trailer hand brake.	COMPLY _____
6.14. <u>Electrical</u>	
6.14.1. 12 volt low maintenance batteries are required.	TOTAL CCA _____ TYPE _____
6.14.2. Include a minimum 130 amp, 12 V alternator.	CAPACITY _____ TYPE _____ AMP _____
6.14.3. Provide a back-up alarm having a minimum of 97 dba as per SAE J-994 type 'C'.	MAKE _____ db(A) _____
6.14.4. Provide a warning light and buzzer to indicate all of the following conditions; high coolant temperature, and low engine oil pressure.	COMPLY _____

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6.14.5. Provide an hour meter installed in the instrument panel.

COMPLY _____

6.14.6. Engine block heater, complete with cord and plug is required.

COMPLY _____

6.14.7. Include an amber strobe light wired with driver operated switch, mounted at roof level at the right rear of the cab.

COMPLY _____

6.14.8. A back up floodlight must be installed at the centre of the upper middle area of the cab pointing rearwards.

COMPLY _____

6.15. Cab

6.15.1. Fully insulated raised roof metal cab equipped with side door and sliding rear door.

COMPLY _____

6.15.2. The cab heating system must have sufficient capacity to maintain the cab interior at 13 C with an ambient temperature of -20 C.

COMPLY _____

6.15.3. Provide the heaviest duty, variable speed electric wipers. It is preferred that the wipers be mounted at the base of the windshield. The wipers must be complete with automatic park capability. Wet blade type windshield washers preferred.

WIPER TYPE _____

WASHER TYPE _____

PROVIDE DETAILS _____

6.15.4. The maximum sound proof insulation package offered by the manufacturer must be fitted to provide the lowest possible interior sound level.

ACTUAL NOISE LEVEL _____

6.15.5. Hood must be a tilt forward type with access hatches to permit easy access to the engine.

HOOD STYLE _____

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6.15.6.	Driver's high back, air-ride suspension seat must be included.	TYPE	
6.15.7.	Dual west coast type, heated mirrors minimum 178 X 406 mm (16 X 7 in) must be included.	SIZE	
6.15.8.	The cab must be equipped with an air horn with remote valve with pull cord on left hand side so operator can activate while seated.	COMPLY	
6.15.9.	The cab must be equipped with a cab fan mounted on a bracket in the upper right front of the cab.	COMPLY	
6.15.10.	The cab must be equipped with a 5lb fire extinguisher mounted beside the seat.	COMPLY	
6.16.	<u>Painting</u>		
6.16.1.	The frame shall be painted with a zinc rich epoxy primer.	COMPLY	
6.16.2.	The cab must be painted the manufacturer's standard method.	COMPLY	
6.16.3.	The colour of the frame shall be black and the cab colour shall be yellow.	COMPLY	
6.17.	<u>Instruction identification</u>		
6.17.1.	Provide permanently installed ISO or English/French instructions, diagrams and warning plates, where required to ensure efficient operation and servicing with maximum safety.	COMPLY	

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6.18. Fifth Wheel

6.18.1. Fifth wheel plate must be rated at a minimum of 45,359 kg (100,000 lbs). 152 mm (6 inch) diameter lift cylinders rated at a minimum 31,751 kg (70,000 lbs).

CAPACITY

6.18.2. Heavy duty fifth wheel cylinder support with spherical bearings in the top and bottom of the hydraulic cylinder with greaseable upper and lower cylinder pins is required.

COMPLY

6.19. Hydraulic System

6.19.1. Minimum 75 liter (20 gallons) per minute pump required

CAPACITY

6.20. Lift Height

6.20.1. RO-LOC operation, 990 mm (39 inch) lift height with 5TH wheel top plate rated at minimum 45,359 kg (100,000 lbs), 50.8 mm (2 inch) king pin with operator controlled air unlatch and automatic relatch. 152.4 mm (6 inch) double acting cylinders with lift rated at minimum 31,751 kg (70,000 lbs) to a height of 990 mm (39 inches). 5th wheel and boom to have RO-LOC configuration for use with Sunbox stanchion. Dual purpose lift system with dash mounted switch that allows operator to change to RO-LOC 406.4 mm (16 inch) lift to 990 mm (39 inch) lift.

COMPLY

6.21. Counterweight Bumper

6.21.1. 1,134 kg (2,500 lb) counterweight bumper (for RO-LOC operations) is required.

COMPLY

6.22 Welding - All welding must be continuous. The surfaces of parts must be welded must be free from corrosion, paint, grease, and other foreign matter. Welds must be neat and smooth and weld penetration must provide for maximum design strength without failure through the base metal junction.

COMPLY

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ANNEX "B" BASIS OF PAYMENT (Revised March 18, 2020)

It is **MANDATORY** that Bidders submit firm prices/rates for the period of the proposed Contract for all items listed hereafter. **This section, when completed, will be considered as the Bidder's financial proposal.**

Bidders must provide bids as per unit of issued requested. It is the responsibility of the bidder to provide conversion to the unit of issue requested. Failure to do so will render the bid non-responsive without further consideration.

Should there be an error in the extended pricing it shall be corrected in the evaluation. Any errors in the quantities of the Bidder's proposal will be changed to reflect the quantities stated in the RFP.

Prices quoted must remain firm for the period of the Contract. Prices **MUST** include ALL costs, including customs if applicable, associated with providing the work in accordance with the Requirement, Annex A attached herein. GST, if applicable, is to be shown as a separate item on any resulting invoice. Payment will be made in accordance with the following pricing. Pricing must be in Canadian funds.

Item #	Description	Unit(s)	Total Cost
1	Supply and deliver 4 x 2 off road shunt truck as described in Annex A	1	
		Extended total amount	

DELIVERY REQUIREMENTS:

One (1) 4 X 2 off road shunt truck as described in Annex A to:

Saint John Ferry Terminal
170 Digby Ferry Road
Saint John, NB

All the deliverables must be received on or before **March 31, 2021**.

I certify that _____ can meet the above mandatory delivery requirements.

(Company Name)

Name

Signature

Date