

**A G E N D A**  
**for**

**REGULAR COUNCIL MEETING**  
**January 10, 2022**

**COUNCIL CHAMBERS 7:00 PM**

**CALL TO ORDER**

The Village of Masset acknowledges the un-ceded traditional territory of the Haida Nation on which this meeting is held.

**ADOPTION OF AGENDA**

**COUNCIL MEETING MINUTES**

**Minutes of the December 13, 2021 Meeting**

**MINUTES AND REPORTS OF OTHER ORGANIZATIONS**

**1. NCRD Board Highlights December 2021**

**VERBAL REPORTS OF COUNCIL/CAO/CFO**

**BYLAWS**

**Bylaw 651 2021 A Bylaw to Amend Business Licence Bylaw 616**

**Bylaw 650 Zoning Amendment**

**NEW BUSINESS**

**NB-1 Winter Maintenance Report**

**NB-2 Airport Equipment Procurement**

**NB-3 Trans Canada Yellowhead Highway Association**

**NB-4 GMDC Directors**

**PUBLIC QUESTION PERIOD**

**ADJOURNMENT**

**CLOSED MEETING AGENDA September 27, 2021**

Chief Administrative Officer – Community Charter Section **90** (c) labour relations or other employee relations.

Village of Masset Regular Council Meeting of December 13, 2021

Minutes of the Regular Council Meeting held December 13, 2021 in the Council Chambers.

Present:	Mayor:	B. Pages
	Councillors:	R. Williams, J. Currie, B. Johnston
	CAO:	A. Smith
	CFO:	J. Brown

Regrets:	Councillor	T. Carty
----------	------------	----------

**CALL TO ORDER**

The Village of Masset acknowledges the un-ceded traditional territory of the Haida Nation on which this meeting is held.

The meeting was called to order at 7:00 pm.

**ADOPTION OF AGENDA**

Moved by Councillor Johnston, seconded by Councillor Williams to adopt the agenda as amended with the addition of NB-9 Insurance Marina.

CARRIED

**COUNCIL MEETING MINUTES**

**Council Meeting Minutes November 22, 2021**

Moved by Councillor Johnston, seconded by Councillor Currie that the November 22, 2021, Council meeting minutes be adopted as presented.

CARRIED

**PETITIONS & DELEGATES**

**Sgt. Damon MacDonald - BC Government Discussions of Potentially De-criminalizing Illicit Drugs**

Moved by Councillor Johnston, seconded by Councillor Williams that the presentation by Sgt. Damon MacDonald be received.

CARRIED

**MINUTES AND REPORTS OF OTHER ORGANIZATIONS**

**1. NCRD Board Highlights November 2021**

Moved by Councillor Williams, seconded by Councillor Currie that the NCRD Board report be received and filed.

CARRIED

**2. Village of Masset Harbour Authority October 13, 2021 Minutes**

Moved by Councilor Currie, seconded by Councillor Williams that the October 13<sup>th</sup>, 2021, minutes of the Village of Masset Harbour Authority be approved.

CARRIED

**3. Village of Masset Harbour Authority Report**

Masset Marine Rescue Society – Kids Don't Float Program

Moved by: Councillor Johnston

Seconded by: Councillor Currie

That the Village of Masset supports the request from the Masset Marine Rescue Society by providing a maximum of \$1500 to build a structure for the Kids Don't Float PFD Loaner Station subject to approval of the design; and

THAT the Masset Marine Rescue Society considers a design of the structure that takes into consideration covering the PFD from the elements.

CARRIED

**BUSINESS ARISING FROM THE MUNUTES AND UNFINISHED BUSINESS**

Moved by Councillor Johnston, seconded by Councillor Currie that a flagpole be purchased and installed as presented by staff in order to fly the Every Child Matters flag on an on-going basis.

CARRIED

**CORRESPONDENCE**

**Erin Ryan BCSPCA**

Moved by Councillor Johnston, seconded by Councillor Currie that the correspondence from the BCSPCA be received and filed.

CARRIED

**VERBAL REPORTS OF COUNCIL/CAO/CFO**

All members of Council attended the strategic planning session and interviewing of CAO candidates. Councillor Johnston attended the Gwaii Trust meeting. Councillor Williams attended the Main Street Planning session. The CFO and CAO continued to work on their respective duties and initiatives. Mayor Pages attended the North Coast Regional meeting where a 911 regional service was discussed.

Moved by Councillor Williams, seconded by Councillor Currie that the verbal reports be accepted as presented.

CARRIED

**NEW BUSINESS**

**NB-1 Mobile Food Vending Report**

Moved by Councillor Johnston  
Seconded by Councillor Currie

THAT the report submitted by the Chief Administrative Officer, titled *Mobile Food Vending: Draft bylaw No.651, 2021 to amend Business Licence Bylaw No.616*, be received and filed as information; and

THAT Council give consideration to give first and second readings of Draft Bylaw No.651, 2021 to amend Business Licence Bylaw No.616 at their December 13<sup>th</sup>, 2021 meeting

CARRIED

**NB-2 VIRL Board Appointments**

Moved by Councillor Johnston, seconded by Councillor Currie, that Councillor Williams be appointed as Masset's Trustee and Councillor Carty be appointed as Alternate to the 2022 Vancouver Island Regional Library Board.

CARRIED

**NB-3 Fire Chief Position Update**

Moved by Councillor Williams, seconded by Councillor Currie that Sylvan Daugert and John Ray Thorgeirson continue as Co-Fire Chiefs for the Village of Masset Volunteer Fire Department.

CARRIED

**NB-4 AP Cheque Listing October 1-31, 2021**

Moved by Councillor Johnston, Seconded by Councillor Currie, that the accounts payable cheque listing for October 2021 be approved as presented.

CARRIED

**NB-5 AP Cheque Listing November 1-30, 2021**

Moved by Councillor Williams, Seconded by Councillor Johnston, that the accounts payable cheque listing for November 2021 be approved as presented.

CARRIED

**NB-6 New Horizons for Seniors Program: Masset Seniors Room Upgrade Project**

Moved by Councillor Johnston, seconded by Councillor Currie that the Village of Masset supports the New Horizons application by the Seniors Club.

CARRIED

**NB-7 BC Hydro Street Light Replacement: Communications Kit**

Moved by Councillor Johnston, seconded by Councillor Currie that the BC Hydro Street Light Replacement: Communications Kit be received as information.

CARRIED

**NB-8 Protocol Table Electronic Poll Resolution Letter December 4, 2021**

Moved by Councillor Currie, seconded by Councillor Johnston, that the December 4<sup>th</sup> electronic resolution supporting the letter from the All-Islands Protocol Table to the Honorable Adrian Dix, Minister of Health, regarding the negative impact on Haida Gwaii of BCEHS' implementation of a new employment model, be ratified.

CARRIED

**NB-9 Insurance Marina**

Councillor Johnston informed Council that boats from the commercial dock were using slips at the marina and some of them might not be insured.

**BYLAWS**

**Bylaw 651 2021 A Bylaw to Amend Business Licence Bylaw 616**

Moved by Councillor Johnston, seconded by Councillor Currie that Bylaw 651 2021 A Bylaw to Amend Business Licence Bylaw 616, be read a first time.

Moved by Councillor Currie, seconded by Councillor Williams that Bylaw 651 2021 A Bylaw to Amend Business Licence Bylaw 616, be read a second time.

CARRIED

**Bylaw 650 Zoning Amendment**

Moved by Councillor Johnston, seconded by Councillor Currie that Bylaw No. 650, 2021 A bylaw to amend Zoning Bylaw No. 422, be read a third time.

CARRIED

**ADJOURNMENT**

Moved by Councillor Currie that the meeting be adjourned to a closed session of Council at 8:37 pm.

Chief Administrative Officer – Community Charter Section 91 (a ) personal information about an identifiable individual who holds or is being considered for a position as an officer, employee or agent of the municipality or another position appointed by the municipality

Chief Administrative Officer – Community Charter Section 91 (c) labour relations or other employee relations.

CARRIED

**MOTION TO RISE AND REPORT**

Moved by Councillor Currie, seconded by Councillor Williams, that we do now rise and report

CARRIED

Village of Masset Regular Council Meeting of December 13, 2021

Moved by Councillor Johnston, seconded by Councillor Williams that Human Resource Policy 2021-1 Vacation Carry-Over and Pay-Out, be included in the Village of Masset Human Resource policies.

CARRIED

Moved by Councillor Currie that the meeting be adjourned at 9:25pm

CARRIED

---

Recording Secretary

---

Mayor

---

Certified Correct, Administrator

## **Board Highlights**

---

December 10, 2021

---

### **Delegations:**

Dillon Buerk of Fisheries and Oceans Canada provided an overview of the Integrated Fishery Management Plan - Crab by Trap. He went over the program's purpose, national objectives, Pacific objectives, and crab by trap objectives.

The Board asked questions and Mr. Buerk provided responses. The Chair of the Board thanked Mr. Buerk for his delegation.

### **Board Business:**

1. The Board appointed directors to the Haida Gwaii Museum, TransCanada Yellowhead Highway Association, Prince Rupert Regional Archives, Municipal Insurance Association of BC, Municipal Finance Authority of BC, BC Ferries Advisory Committee, Northwest Regional Advisory Committee, Ground Fish Association, Port Edward Historical Society, and the North Central Local Government Association.
2. The Board appointed members to the Sandspit Community Hall Standing Committee, Regional Recycling Advisory Committee, Haida Gwaii Regional Recreation Commission, and the Public and Technical Advisory Committee.
3. The Board directed staff to investigate the cost and feasibility of establishing a sub-regional 911 service for Haida Gwaii.
4. The Board authorized an alternative approval process be held to seek the approval to borrow money for the purchase of a new Island Solid Waste haul truck. As a result, an alternative approval process has been initiated and the NCRD is collecting elector responses until January 31, 2022 at 4:30 p.m.
5. The Board passed a third reading of Bylaw 608, 2017, being a bylaw to adopt a land use plan for Electoral Areas A and C of the North Coast Regional District. This bylaw will be submitted to the Minister of Municipal Affairs for consideration of approval.
6. The Board resolved to prepare a report on the feasibility of establishing a bylaw for unsightly premises in Electoral Area E.
7. The Board resolved to write a letter of support for keeping the volunteer-led Prince Rupert Crimestoppers in the NCRD.

***For complete details of NCRD Board meetings, the Agenda and Minutes are posted online at [www.ncrdbc.com](http://www.ncrdbc.com).***

## **VILLAGE OF MASSET**

### **BYLAW NO. 651, 2021**

#### **A bylaw to amend Business Licence Bylaw No.616**

WHEREAS Council may, pursuant to Section 8(6) of the Community Charter, regulate in relation to business; and

WHEREAS pursuant to Section 15(1) of the Community Charter, Council may provide terms and conditions that may be imposed for obtaining, continuing to hold or renewing a licence, permit or approval and specify the nature of the terms and conditions and who may impose them; and

WHEREAS Council has given notice of its intention to adopt this bylaw and has provided an opportunity for persons who consider they are affected by this bylaw to make representations to Council pursuant to Section 59 of the Community Charter,

NOW THEREFORE the Council of the Village of Masset in open meeting assembled, hereby ENACTS AS FOLLOWS:

1. This Bylaw may be cited as "Business Licence Amendment Bylaw No. 651, 2021".

2. "Business Licence Bylaw No. 616 is hereby amended as follows:

(a) By adding the following definitions to Division 1 DEFINITIONS:

"Food Cart" means a non-motorized mobile cart with a maximum area of 3.9m<sup>2</sup>, from which food and/or drink is dispensed, and where the entire stock of goods offered for sale is carried and contained in the cart and which may change locations from time to time, and which is not located in a permanent building or structure, and is removed from public access when not in use.

"Food Truck" means a motorized, mobile, self-contained vehicle that is equipped to cook, prepare and/or serve food or beverages but does not include food trailers or food carts.

"Food Trailer" means a portable, self-contained trailer that is equipped to cook, prepare and/or serve food or beverages but does not include food carts.

"Mobile Food Vending" means the operation of a food service business from a food cart, food trailer or food truck.

(b) Adding DIVISION 3 MOBILE FOOD VENDING

3.0 MOBILE FOOD VENDING

3.1 No person shall operate mobile food vending within the Village of Masset without first obtaining and maintaining a valid Mobile Food Vending licence for each mobile food vending unit in operation. Licences will be issued on a first come first served basis. Depending on demand for Mobile Food Vending on Public Property, time limits on the duration of stay may be imposed by the Village of Masset.

3.2 No person shall operate mobile food vending without providing proof satisfactory to the Village of Masset that the following permissions have been obtained, and regulations met:

(a) Northern Health Inspector;

(b) Proof of Motor Vehicle Insurance (Food Trucks and Food Trailers);

(c) Proof of Liability Insurance coverage which meets the following minimum requirements:

i. Inclusive limit of \$2,000,000 and Public Liability & Property Damage

(d) A Discharge Management Plan satisfactory to the Village of Masset that describes how and where fats, oils and grease will be disposed.

3.3 No person shall operate a mobile food vending unit in Masset without paying the appropriate fees as specified in Schedule 'C'. In order to operate a mobile food vending unit on a public property location as specified in Schedule 'C' a space must be reserved by contacting the Village of Masset, and the use of the location must be authorized by the Village of Masset through a license of occupation agreement.

3.4 No person shall sell goods other than food and beverages from mobile food vending.

3.5 No person shall operate mobile food vending in locations other than the following:

(a) Private Property zoned for Restaurant Use with the Mobile Food Business being at least a distance of 30 metres from an existing permanent food service establishment.

(b) Village of Masset property locations as specified in Schedule 'C' attached hereto and forming part of this bylaw, and subject to first obtaining a license of occupation agreement with the Village of Masset.

(c) Under a permit issued by the Village of Masset for Special Events

(d) Notwithstanding this regulation, should a new food establishment open up on separate parcel of land within 30 m of an existing mobile food unit, the food truck or trailer may remain in its location.

3.6 No person shall operate mobile food vending on private property, without first supplying the Village of Masset with a written letter of permission from the owner of the property on which the vendor will be locating.

3.7 In order to operate a mobile food vending unit on a public property location as specified in Schedule 'C' a space must be reserved by contacting the Village of Masset, and the use of the location must be authorized by the Village of Masset through a license of occupation agreement.

3.8 No person shall operate or provide mobile food vending that is not maintained at all times in good sanitary and aesthetically pleasing condition.

3.9 No person shall operate or provide mobile food vending without its own power and water source.

3.10 No person shall operate generators used to provide power if they, in the opinion of the Village of Masset, create a disturbance.

3.11 No person shall operate or provide mobile food vending without providing proper waste and recycling receptacles adequate to ensure the cleanliness of the adjacent area. No person shall operate a mobile vending unit without a cleanup within a 10-metre radius after service at a location, and removing of all collected garbage from the location.

3.12 No person shall operate mobile vending without maintaining clearance on all sides of the mobile food vending unit such that pedestrians are able to easily and safely pass by without congestion.

3.13 Operation of the mobile food vending unit shall be conducted in a manner that does not restrict or interfere with the ingress or egress of the adjacent property owner or constitute an obstruction to adequate access by fire, police, sanitation vehicles, or public works vehicles.

3.14 No person shall operate a mobile food vending unit that does not adhere to the Village of Masset Noise Bylaw NO. 384.

3.15 No person shall leave mobile food vending unattended.

3.16 No person shall store mobile food vending on public property overnight.

3.17 No person shall operate mobile food vending without maintaining a location log that tracks the time and duration of the food truck/trailer at each location and making the log available to the Village of Masset upon request.

3.18 No person who is providing or operating mobile food vending shall use or allow to be used any polystyrene (Styrofoam), non-recyclable or non-biodegradable materials in relation to the sale or delivery of food.

3.19 No person shall operate mobile food vending in public locations outside the following hours where applicable: 7:00 a.m. to 10:00 p.m.

3.20 No person shall operate mobile food vending within:

(a) 30 metres of an existing permanent food service establishment

(b) Residentially zoned areas unless approved by the Village of Masset for a special event such as a Block Party.

## FOOD TRUCKS AND FOOD TRAILERS

3.21 No person shall provide or operate a food truck or trailer that is more in size than:

(a) 2.5 metres in width; and

(b) 8 metres in length.

3.22 No person shall place more seating than is necessary to accommodate the maximum of six (6) patrons at the mobile food vending unit without receiving permission from the Village of Masset.

3.23 On public locations, sign boards are to be placed adjacent to the food truck/trailer to avoid any obstructions to vehicles and pedestrians.

3.24 No person operating a food truck/trailer on private property can place sign boards more than two (2) metres beyond their property limits that does not obstruct vehicles and pedestrians.

## FOOD CARTS

3.25 Food carts must be hand propelled, but may be delivered to their site by vehicle.

3.26 No person shall operate a mobile food cart within 30 metres from existing permanent food service establishments that sell a similar food product, concept, or theme.

3.27 No person shall operate a mobile food cart on sidewalk locations other than those specified in Schedule 'C' and the use of the location must be authorized by the Village of Masset through a license of occupation agreement'.

3.28 Placement of any furniture (i.e., tables, chairs, benches, counters etc.) associated with the mobile food vending cart is not permitted in on-street locations (side-walks).

(c) Adding Schedule 'C'

## SCHEDULE 'C'

### Public Mobile Food Vending Locations\*and Fees

Location	Food Truck/Trailer Allowed	Food Cart Allowed	Number of Units Allowed	Fees****
<b>Community Hall</b> <ul style="list-style-type: none"> <li>- availability subject to booked events</li> <li>- see Map 1</li> </ul>	Yes/Yes	Yes	3**	\$464 per month/\$116 per week
<b>GMDC Parking Lot</b> <ul style="list-style-type: none"> <li>- subject to land divestiture process</li> <li>- see Map 2</li> </ul>	Yes/Yes	Yes	4***	\$360 per month/\$90 per week
<b>Visitors Centre</b> <ul style="list-style-type: none"> <li>- See Map 3</li> </ul>	Yes/Yes	Yes	1	\$360 per month/\$90 per week
<b>On-Street (Sidewalks)</b> <ul style="list-style-type: none"> <li>-Collision Ave, Cooke Street, Main Street (North of Collision Ave), Oar Street, Harrison Avenue</li> </ul>	No/No	Yes	3	\$45 per month; \$12 per week
<b>Special Events</b>	TBD by VOM	TBD by VOM	TBD by VOM	TBD by VOM and/or Event Organizer

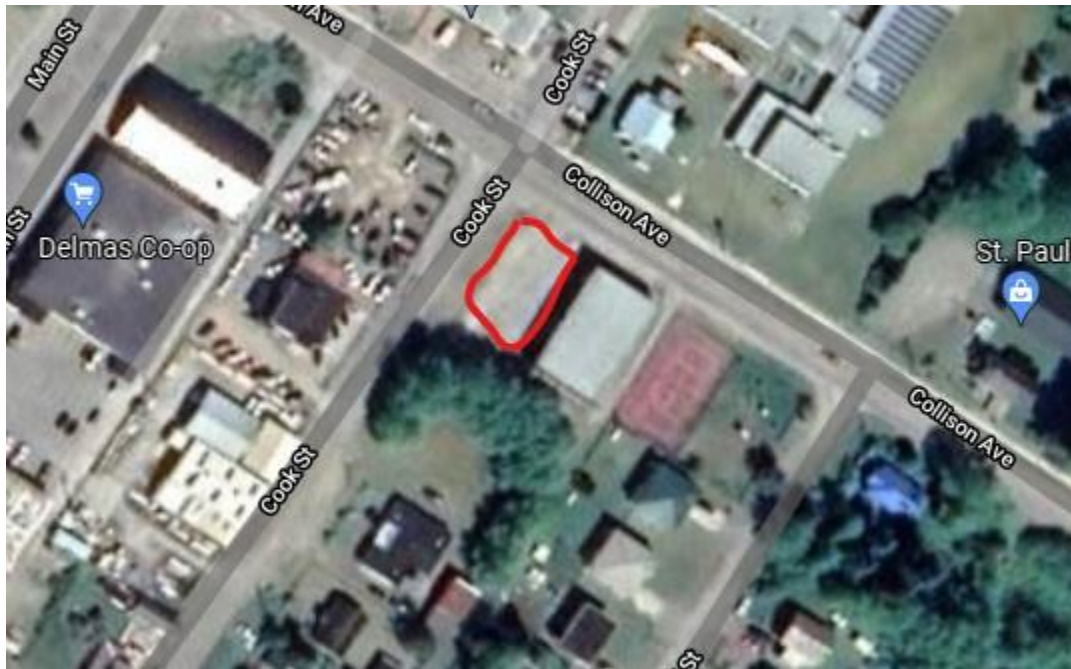
\*Placement of mobile food vending units within allowed public locations will require consultation with the Village of Masset, and the use of the location must be authorized by the Village of Masset through a license of occupation agreement.

\*\*Three (3) mobile food vending units would consist of two (2) food trucks/trailers and one (1) food cart. There cannot be three (3) food trucks/trailers at this location at any given time.

\*\*\* Four (4) mobile food vending units would consist of three (3) food trucks/trailers and one (1) food cart. There cannot be four (4) food trucks/trailers at this location at any given time.

\*\*\*\* All operators require a mobile food vending license (business license) to operate in Masset. Those operating on public lands identified in the above table will also be charged a location fee.

Map 1 – Community Hall



Map 2 – GMDC Parking Lot



### Map 3 – Visitors Centre



3. If any section, paragraph or phrase in this Bylaw is for any reason held to be invalid by a decision of a Court of competent jurisdiction, that portion shall be severed and the remainder of this Bylaw shall continue in full force and effect.

4. This Bylaw may be cited for all purposes as "Business Licensing Amendemennt Bylaw No. 651, 2021".

READ A FIRST TIME THIS 13<sup>th</sup> DAY OF DECEMBER 2021

READ A SECOND TIME THIS 13<sup>th</sup> DAY OF DECEMBER 2021.

READ A THIRD TIME THIS 10<sup>th</sup> DAY OF JANUARY 2022.

RECONSIDERED AND ADOPTED THIS <sup>th</sup> DAY OF JANUARY 2022.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
Certified a true copy of "Business Licensing Amendment Bylaw No. 651, 2021".  
Clerk

**VILLAGE OF MASSET**

**BYLAW NO. 650, 2021**

**A bylaw to amend Zoning Bylaw No. 422**

**WHEREAS** the Village of Masset has received an application to rezone Lot 1, Block 19, District Lot 7, Land District 46 Plan PRP2041 PID 012-531-677, 2090 Harrison Avenue; and

**WHEREAS** the Council for the Village of Masset has deemed it expedient to amend the zoning of Lot 1, Block 19, District Lot 7, Land District 46 Plan PRP2041 PID 012-531-677, 2090 Harrison Avenue, from M-2 Heavy Industrial to Residential 1 (R-1) of Zoning Bylaw No. 422;

**NOW THEREFORE** the Council for the Village of Masset, in open meeting assembled, enacts as follows;

1. That Lot 1, Block 19, District Lot 7, Land District 46 Plan PRP2041 PID 012-531-677, 2090 Harrison Avenue, be rezoned from M-1 Heavy Industrial to Residential 1 (R-1)
2. This bylaw may be cited as "Zoning Amendment Bylaw No. 650, 2021".

PUBLIC HEARING HELD THIS 13<sup>th</sup> DAY OF DECEMBER, 2021

READ A FIRST TIME THIS 8<sup>th</sup> DAY OF NOVEMBER, 2021

READ A SECOND TIME THIS 8<sup>th</sup> DAY OF NOVEMBER, 2021

READ A THIRD TIME THIS 13<sup>th</sup> DAY OF DECEMBER, 2021

RECONSIDERED AND ADOPTED THIS 10<sup>th</sup> DAY OF JANUARY, 2022

\_\_\_\_\_  
Administrator

\_\_\_\_\_  
Mayor

Certified a true copy of the "Zoning Amendment Bylaw No. 650, 2021"

\_\_\_\_\_  
Administrator



# *Village of Masset*

## *Report to Council*

From: Sylvan Daugert, Superintendent of Public Works  
Date: January 5, 2022  
Subject: Winter maintenance (December 2021 – January 2022)

---

### **Recommendations**

THAT the January 5<sup>th</sup>, 2022, report titled Winter Maintenance (December 2021 to January 2022) be received and filed as information; and

THAT staff investigate maintenance options to be available for implementation for the 2022/2023 winter season.

### **Introduction**

As Council is aware, Masset is experiencing a very unusual winter, in terms of an extended freeze. Normally, Masset usually has a melting cycle relatively soon after heavy snowfalls. Even in outliers, there is normally a major melt within one week of snowfalls.

### **Discussion**

In past winters, Public Works staff have been able to haul away dump truck loads of snow piles without the worry of overly icy road conditions. In these times, the snow would compact to ice on the roads, then turn to slush within a few days, and staff would then be able to plow away the slush. This year, the Public Works department has not had the same luxury.

### **Challenges faced by the Village of Masset during this period**

- The snow accumulated on the roads, and was driven on immediately before plowing could commence. This situation created horrible ice lumps that were rough, and slick.
- The extended freeze also caused repeatedly slick conditions on sidewalks, even as staff addressed the conditions.
- The length of time of the freeze caused Public Works staff to use the sand supply, several times over.
- Public Works has also exhausted the initial stockpile of salt for sidewalk usage, consuming more than twice what was used in any previous year.
- The continual demand for airport runway clearing, requires Public Works staff to arrive early in the mornings, especially on flight days, to plow and de-ice. This airport work delays addressing the in-town snow removal/sanding requirements.
- Staff shortages and the physical demands due to pre-planned vacations and repeated on-call work over weekends, especially through the Christmas season, affects productivity.



# *Village of Masset*

## *Report to Council*

From: Sylvan Daugert, Superintendent of Public Works

Date: January 5, 2022

Subject: Winter maintenance (December 2021 – January 2022)

---

- Repeated equipment breakdown effects efficiency and productivity.
- Water usage, water line breaks, and service disruptions, during cold-spells, are always a concern. Over the present extended cold snap, Masset had a gradual increase in usage from normal capacity of approximately 55% during off-peak times, up to a high capacity of 75%-80%. This amount climaxed in a brief period when consumption was about 95% of water plant capacity.

### Responses to these Challenges

At the direction of management, the roads have been continuously sanded and re-sanded. With respect to the icy conditions, the Public Works Superintendent is aware that the ice formations would have been somewhat alleviated with salt in the sand. Incorporating the use of salt would be a significant logistical and financial expenditure, which would have to be strategized and planned for well in advance. The preliminary ice-buildup could have been somewhat lessened by immediate plowing, overnight. This action however would have required staff resources beyond what is available.

Staff repeatedly salted the sidewalks, and did use the new broom attachment on the village's riding lawn tractor. Past winters have not allowed a broom attachment to be very effective. The specific conditions did make the use of the broom attachment effective this year. It should be noted that several local contractors did assist on both a paid and volunteer basis.

The Village of Masset's sand pit is currently inaccessible, due to the icy conditions. However, Old Massett Capital Works has assisted with the supply of sand for the Village of Masset. This valuable assistance speaks to the strong working relationship that is present between both respective public works departments.

Salt is re-ordered for the barge due to arrive mid-January.

Keeping the airport open for planes is always a challenge during difficult weather conditions. The Village of Masset prides itself on having relatively few flight cancellations due to weather. In order to maintain the regular schedule of flights, requires prioritizing clearing the runway of snow. When there is a heavy snowfall, the grader needs to be started between 6:00AM and 6:30AM, to allow sufficient time to plow the: runway, taxiways, and apron. Sufficient time for de-icing chemicals to work is also required.

Public Works staff have worked diligently when faced with the variety of challenges during this winter season. Staff was "stretched thin" during this time which leads to more



# *Village of Masset*

## *Report to Council*

From: Sylvan Daugert, Superintendent of Public Works  
Date: January 5, 2022  
Subject: Winter maintenance (December 2021 – January 2022)

---

occurrences such as equipment breakdowns, as maintenance is abbreviated. Management continues to monitor work load as this may impact the physical and mental health of staff.

Breakdowns of machinery are unavoidable, as winter service is hard on equipment. The Village has enough duplication (or back up) of equipment to mitigate the worst of situations. Some of the equipment Public Works has in duplicate is a second plow on the dump truck, and a secondary spreader on the old 1-ton flat deck. Local mechanics have been of assistance to get machinery back in service.

As a mitigating measure, Public Works was able to contact one of our largest customers of water, and determine that a piece of equipment had failed. With a quick response, this immediate consumption was stopped. This water leak cut about 5% of plant capacity. Over the course of the long weekend, water consumption was closely monitored, and levels returned to a more sustainable rate, before the long weekend was over. Public Works monitors water consumption as the weather changes, to ascertain if this remaining increase in consumption is solely due to residents running taps to forestall freezing pipes, or if there are other water line breaks.

### **Conclusion**

The extended length of time of this winter freeze has presented many challenges to the Public Works department. During this time period, staff have worked diligently to overcome these difficulties.

The Village of Masset will need to be prepared to face a future where these “extraordinary” circumstances may actually be a more normal occurrence with climate change now becoming more prominent.

All of which is Respectfully Submitted

Sylvan Daugert  
Superintendent, Public Works

Alan Smith  
Chief Administrative Officer



# *Village of Masset*

## *Report to Council*

From: Alan Smith, Chief Administrative Officer  
Date: January 5<sup>th</sup>, 2022  
Subject: Airport Equipment Procurement

---

### **Recommendations**

THAT the Village of Masset enter into an agreement with Team Eagle Ltd. for the purchase of a Material Spreader to a maximum price of \$119,750.00 (plus applicable taxes) as described in the January 5<sup>th</sup>, 2022, report titled Airport Equipment Procurement; and

THAT the Village of Masset enter into an agreement with Aebi Schmidt Canada Inc for the purchase of a 4x4 Plow Truck to a maximum price of \$351,435.84 (includes applicable taxes) as described in the January 5<sup>th</sup>, 2022, report titled Airport Equipment Procurement; and

THAT the Village of Masset enter into an agreement with Brandt Tractor Ltd. for the purchase of an Airport Wheel Loader for \$367,711.68 (includes applicable taxes) as described in the January 5<sup>th</sup>, 2022, report titled Airport Equipment Procurement; and

THAT up to \$25,000 be allocated in the 2022 airport operating budget for the training of staff and delivery of the airport equipment as described in the January 5<sup>th</sup>, 2022, report titled Airport Equipment Procurement.

### **Introduction**

The Village of Masset was approved for funding through the Airports Capital Assistance Programs (ACAP) for the purchasing of a Loader (\$428,905) Plow Truck (\$448,700), and Material Spreader (\$105,000).

TETRA TECH Canada Inc. (TETRA TECH) consulting was retained to assist with the procurement process which included the issuing of Request for Proposals (RFPs) and an analysis of the submissions. This report provides a review of the procurement process and a procurement recommendation for the purchasing of the airport equipment.

### **Discussion**

In order to ensure the procurement of the airport equipment met the requirements of the ACAP program, and the needs of the Masset airport, TETRA TECH consulting was retained. This consulting firm has worked on many airports across Canada that required the tendering and selection of airport equipment.

TETRA TECH developed the specifications for each of the listed equipment that would meet the needs of the Masset Airport. These specifications helped form the three RFPs



# *Village of Masset*

## *Report to Council*

From: Alan Smith, Chief Administrative Officer  
Date: January 5<sup>th</sup>, 2022  
Subject: Airport Equipment Procurement

---

that were issued by the Village of Masset on December 15<sup>th</sup>, 2021, for a Loader, Plow Truck, and Material Spreader. TETRA TECH reviewed all bid submissions and made procurement recommendations for each piece of airport equipment. TETRA TECH's procurement report is contained in Appendix 1. The acting Airport Manager and the CAO are in agreement with those recommendations. Information on each recommendation is contained in Appendix 2, 3, and 4, for the Material Spreader, Plow Truck, and Loader, respectively.

It should be noted the ACAP funding has a limit of \$10,000 for delivery of each piece of airport equipment. The cost of delivery of the Material Spreader will range between \$17,500 to \$20,000; and, \$17,000 for the delivery of the Plow Truck. Applying the funding amount allocated to both pieces of equipment, results in a combined cost of up to \$17,000 for the delivery of these two pieces of equipment. Given that both of these items will be shipped from Ontario, staff are investigating the possibility of placing the Material Spreader in the back of the Plow Truck which would save on the delivery cost of the Material Spreader. The cost of delivery for the Loader is included in the price. Council should also be aware that the cost of installation and training for the Material Spreader will range from \$3500 to \$5000 which is not covered by the ACAP funding.

### **Conclusion**

Three RFPs were issued for a Loader, Material Spreader, and a Plow Truck. The recommendations in this report are based on the review conducted by the consulting firm TETRA TECH Canada. In order to cover delivery costs and installation and training of some of the equipment, up to \$25,000 will need to be allocated in the 2022 airport operating budget. This amount also includes a contingency of \$3,000.00.

All of which is Respectfully Submitted

Alan Smith  
Chief Administrative Officer

**Appendix 1**  
**TETRA TECH Canada**  
**Procurement Report**

December 20, 2021

Village of Masset  
 Josh Humphries - Acting Airport Manager  
 The Village of Masset  
 PO Box 68  
 Masset, BC V0T 1M

Equipment Procurement Recommendation  
 FILE: 704-TRN.AIRP03641  
 Via Email: [cao@Masset.ca](mailto:cao@Masset.ca)

**Attention:** Alan Smith / Josh Humphries

**Subject:** Equipment Procurement Recommendations

## 1.0 EQUIPMENT PROCUREMENT REVIEW

Tetra Tech Canada Inc. (Tetra Tech) has reviewed all bid submissions received as part of the Request for Pricing (RFP) issued by the Village of Masset.

**Table 1-1: Chemical Spreader**

Equipment	Evaluation	Price
Epoke	Compliant, good history in Canada, well supported,	Low price, slightly over funded amount. (delivery)
Aebi Schmidt Canada Inc.	Mostly compliant, bid spreader on trailer, added cost.	Higher price, not worth the additional costs

**Table 1-3: Plow Truck**

Equipment	Evaluation	Price
Aebi Schmidt Canada Inc.	Only one submission, mostly compliant, very capable. Nov. 2022 delivery	Within the funded amount

**Table 1-4: Wheel Loader**

Vendor	Brand	Model	Unit	Options	PST	GST	Total
Wajax	Hitachi	ZQ220-6	\$ 327,999.46		\$ 22,959.96	\$ 16,399.97	\$ 367,359.40
Brant	John Deer	624P	\$ 267,300.00	\$ 61,014.00	\$ 22,981.98	\$ 16,415.70	\$ 367,711.68
Inland	Case	721G	\$ 316,571.25	\$ 22,100.00	\$ 22,199.19	\$ 15,856.56	\$ 376,727.00
Finning	CAT	938M	\$ 298,000.00	\$ 42,325.00	\$ 23,822.75	\$ 17,016.25	\$ 381,164.00
Great West	Volvo	L110H	\$ 451,200.00	\$ 47,764.00	\$ 34,927.48	\$ 24,948.20	\$ 558,839.68

## 2.0 RECOMMENDATIONS

Procurement recommendation:

Chemical Spreader – Team Eagle - Epoke

Plow Truck - Aebi Schmidt Canada Inc., Freightliner 4x4 Plow Truck

Wheel Loader – Brant Equipment John Deere 624P with options and extended warranty.

## 3.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Village of Masset and their agents. Tetra Tech Canada Inc. (operating as Tetra Tech) does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Village of Masset, or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this document is subject to the Limitations on the Use of this Document attached in the Appendix or Contractual Terms and Conditions executed by both parties.

## 4.0 CLOSURE

We trust this document meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully submitted,  
Tetra Tech Canada Inc.



---

Prepared by:  
Doug Francoeur, CM  
Senior Airport Specialist, Airport Group  
Direct Line: 403-369-5241  
[doug.francoeur@tetrattech.com](mailto:doug.francoeur@tetrattech.com)

## **Appendix 2**

### **Team Eagle Proposal: Material Spreader**

**Team Eagle Ltd.**

10 Trent Drive, P.O. Box 670, Campbellford, Ontario, Canada, K0L 1L0



MASTER

## **VILLAGE OF MASSET**

### **REQUEST FOR PROPOSAL NO. 2021-3**

### **MASSET AIRPORT ANTI / DE ICING SPREADER**

Contact: Ben McKeown  
Title: Territory Sales Manager  
Cell: (705) 653-6698  
Office: (705) 653-2956  
Email: [benm@team-eagle.ca](mailto:benm@team-eagle.ca)  
Website: <http://www.team-eagle.ca>

**DECEMBER 15, 2021**

Telephone (866) 241-3264 • Facsimile (705) 653-4732 [www.team-eagle.ca](http://www.team-eagle.ca)

*Your Airfield Solutions Partner*

# Team Eagle Ltd.

10 Trent Drive, P.O. Box 670, Campbellford, Ontario, Canada, K0L 1L0



December 15, 2021

Mr. Alan Smith,  
CAO  
Village of Masset  
PO Box 68  
1686 Main St  
Masset, BC  
V0T 1M0

Dear Mr. Smith,

Please accept this cover letter, as part of our proposal in response to RFP No. 2021-3 – Masset Airport Anti / De Icing Spreader.

Team Eagle Ltd. is pleased to offer one (1) **Epoke Sirius AST 4900**, per our response to the enclosed specifications.

Epoke A/S is a worldwide leader in the manufacturing of high-caliber winter road/runway maintenance equipment. In particular, Epoke is renowned for pioneering achievements in the development of accurate, speed-synchronized spreaders featuring liquid application, prewet dry material application and combination spreaders that feature liquid & prewet dry material application. Epoke has earned a worldwide reputation for manufacturing well-designed robust machines that save time, costs and contribute to a cleaner environment.

Team Eagle Ltd. is one of Canada's leading suppliers of snow and ice control, turf and pavement maintenance equipment. We provide equipment sales, training, warranty support and service for all of our equipment product lines from coast-to-coast. We offer 24/7 service/support and carry a complete inventory of spare parts as recommended by each of our manufacturers. Finally, we guarantee our parts delivery by quickest available means. Team Eagle Ltd. supports customers from our 40,000 square foot headquarters in Campbellford, Ontario.

Our Team Eagle companies are focused primarily on airside operations. We support a fleet of approximately \$500M in heavy vehicles/equipment and software systems used at the Canadian Department of National Defence, the United States Department of Defense as well as many commercial airports throughout the world.

We would like to thank you for your consideration in this matter and for the opportunity to quote on your business. Should you have any questions, please feel free to contact me at, (866)241-3264, or by email at, [benm@team-eagle.ca](mailto:benm@team-eagle.ca)

Sincerely,

Ben McKeown  
Commercial Business Manager  
Team Eagle Ltd.

Telephone (866) 241-3264 • Facsimile (705) 653-4732 • [www.team-eagle.ca](http://www.team-eagle.ca)

*Your Airfield Solutions Partner*



**Village of Masset  
Masset Airport, Airport Anti / De Icing Spreader  
Request for Proposal No. 2021-3**

**-Executive Summary-**

In response to the The Village of Masset's Request for Proposal No. 2021-3, for the supply and delivery of one (1) Airport Anti / De Icing Spreader for Masset Airport, Team Eagle Ltd. is pleased to offer the enclosed proposal, along with the following information about our company.

Team Eagle Ltd. is one of Canada's leading suppliers of snow and ice control, turf and pavement maintenance equipment. We provide equipment sales, training, warranty support and service for all of our equipment product lines from coast-to-coast. We offer 24/7 service-support, carry a complete inventory of spare parts as recommended by each of our manufacturers and guarantee our parts delivery by quickest available means.

Team Eagle Ltd. supports customers from our 40,000 square foot headquarters in Campbellford Ontario. Our headquarters is also home to our other Team Eagle divisions, Stability Dynamics, Eagle Integrated Solutions and Eagle Aerospace.

- Stability Dynamics manufactures electronic safety instruments typically for the ARFF vehicle market, including the LG Alert™.
- Eagle Integrated Solutions integrates hardware and software together with GPS/GIS solutions to help airside operations improve safety and efficiency in managing their ARFF and other airfield activities.
- Eagle Aerospace is where our research and development efforts are continually creating new ideas and technologies to meet the changing needs of our clients.

We also have an office located in Tilton, NH to support our U.S. customer base. All Team Eagle divisions are focused primarily on airside operations. We have received and successfully executed, without exception, dozens of multi-million dollar snow fleet equipment contracts. Our success in earning the trust and confidence of our airfield customer base is a direct result of our sales and service expertise. We support a fleet of approximately \$500M in heavy vehicles and software systems in use at the Canadian Department of National Defence, the United States Department of Defense and many commercial airports in North America.



## Organizational Structure

Team Eagle's management philosophy is based on an integral team approach. Each team member is aware of the duties and responsibilities assigned to their position within the team.

An Operations Team meets weekly to review all activities within all Team Eagle divisions.

Our employee policy is borrowed from one of the best-managed companies in the world, Nordstrom:

*Welcome to Team Eagle. We are glad you are with our company. Our number one goal is to provide outstanding customer service. Set both your personal and professional goals high. We have great confidence in your ability to achieve them. So, our employee handbook is very simple...Our Only Employee Rule: "Use your best judgment in all situations. There will be no additional rules."*

The key management individuals who will be charged with responsibilities for day-to-day operations in relations to this RFP are:

Ben McKeown	Commercial Business Manager
Julie Hay	Manager – Sales Administration
Jo-Anne Purcell	Controller
Sam McKeown	Operations Manager
Cathie Brown	Parts Manager

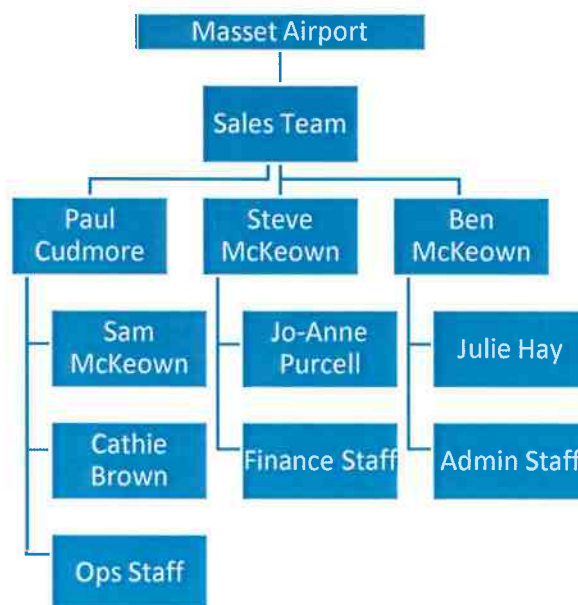
Responsibilities and duties of each team member as envisioned for this Contract:

Ben McKeown	The hands on day to day responsibility of ensuring that Eagle meets or exceeds all contractual and client requirements set out by The Village of Masset. Assumes the role as lead contact person for all inquiries with regard to proposal submission and any subsequent awarding of the contract. Verifies that all items listed in technical specifications are provided. Coordinates after sales service.
Julie Hay	Submission of response to all technical specifications and completion of all bid documents. Proposal submission and potential contract oversight.
Jo-Anne Purcell	Administration of all relevant financial documents pertaining to this RFP and potential contract.
Sam McKeown	Coordinates and delivers the training and warranty required.
Cathie Brown	Handles all parts requests. Available 24 hours a day / 7 days a week.



## Organizational Chart

The management team information that utilizes the company structure, management, staffing and support structure for the proposed contract.



### **Dedicated Support Team / Product Knowledge Support**

Areas of product or services expertise the team represents

<b>Product</b>	<b>Expertise</b>
Ben McKeown	Ben provides several years of experience in the manufacturing, sale and support of airfield equipment, along with multi-million dollar contracting oversight, planning and execution.
Julie Hay	Julie provides over 10 years of bid/tender/contract execution along with multi-million dollar project management, as well as several years experience in the aviation industry.
<b>Service</b>	<b>Expertise</b>
Sam McKeown	Sam has several years of experience in overseeing the manufacturing and production process of new equipment, as well as the complete overhaul of used equipment, within a shop environment.
Cathie Brown	Cathie has over 30 years of experience in providing heavy equipment parts and service expertise.



## **Location and availability of team members**

Team Eagle is a privately owned company with offices located in Campbellford ON, and Tilton NH. Team members are available during regular business hours at our head office, 866-241-3264. Emergency services cell number available 24/7. We believe Team Eagle has a very good reputation for service and providing all deliverable satisfactorily, and on time.

## **Service and Support**

Team Eagle Ltd. provides full service and support for major components, warranty, and spare parts. For parts/service/warranty support, please find contact information below.

### **Team Eagle Ltd.**

10 Trent Drive, P.O. Box 670  
Campbellford ON  
K0L 1L0

Office: 705-653-2956  
Fax: 705-653-4732  
Toll-free: 866-241-3264

### **Service/Warranty Contact:**

Sam McKeown – Operations Manager  
Cell: 705-740-4790  
samm@team-eagle.ca

### **Parts Contact:**

Cathie Brown, Parts Manager  
Office: 705-653-0522  
cathieb@team-eagle.ca

Please refer to our enclosed After Sales Service and Support document for additional information. Warranty certificate is also enclosed for reference purposes.

Please note, with regards to warranty, Team Eagle guarantees parts delivery by quickest available means by shipping from one of our offices located in Campbellford ON, or Tilton NH.



# **Specifications / References / Warranty**

# 1.0 MASSET AIRPORT ANTI / DEICING SPREADER REQUIREMENTS

1.1 The Masset Airport has a requirement for a quantity of one (1) wheel-driven ,hydraulically powered, slide-in combination for standard and/or high-speed anti/deicing spreader.

This column must be completed by all bidders. If response is no, deviations must be identified in space provided.

## 2.0 GENERAL REQUIREMENT

2.1 Standard Requirement - The unit supplied under this specification shall be the manufacturer's latest model standard commercial product.

Standard Commercial Product  
Yes ☒ No ☐

2.2 Proven Product - The spreader to be supplied under the following specifications shall be a proven product. Prototypes or models offered that have not been in service for at least 5 years will not be considered acceptable. Units must have proven in-service use with airfield pavement chemical deicers. Supplier must provide confirmation of proven product, including airport, contact, tel. no of contact, and date unit(s) went into service of exact model quoted.

Proven Product  
Yes ☒ No ☐

Proven with Airfield Pavement Chemical Deicers  
Yes ☒ No ☐

Confirmation Provided  
Yes ☒ No ☐

2.3 Overview - The unit supplied must be a product designed and manufactured specifically for this purpose. Spreaders with after-market or third party add-on spray-bars, prewetting systems or controls are not acceptable.

Comply Yes ☒ No ☐

The unit(s) supplied is to be complete with all accessories customarily furnished and installed on this type of unit, whether specified herein or not, to enable the unit to function reliably and efficiently under all conditions of service.

Comply Yes ☒ No ☐

2.4 Operating Conditions - The unit(s) supplied must be capable of operating without adjustment, and without failure of components when operated continuously for a period of 24 hours.

Comply Yes ☒ No ☐

2.5 Mandatory items - Items noted in the specification as "shall, must, to be, minimum, and maximum are mandatory requirements". No deviations will be accepted for these items.

Agreed Yes ☒ No ☐

2.6 Responses - Any responses noted as approximately

will be interpreted as "ACTUAL". Any non-completed areas will be interpreted as non-compliance.

Agreed      Yes ☒      No ☐

**3.0 REGULATIONS AND STANDARDS**

3.1 General - When airport standards, specifications, or purchase regulations are referenced they refer to latest editions, and are available on request.

Agreed      Yes ☒      No ☐

**4.0 DELIVERY**

4.1 Pre-delivery - A pre-delivery service shall be completed by the unit supplier prior to delivery. The unit is to be lubricated and serviced with all associated products suitable for the climatic conditions in the Masset, BC area.

Supplier Team Eagle Ltd  
Supplier's Address 10 Trent Dr Po Box 670  
Campbellford On K0L1L0

4.2 Inspection - The prime contractor is responsible to ensure that the unit is thoroughly tested, inspected, and that all deviations are corrected prior to delivery. Village of Masset reserves the right to inspect the unit at any stage of production and have all deviations corrected upon request. A final inspection shall be completed by the consignee at time of delivery.

Comply      Yes ☒      No ☐

**5.0 WARRANTY AND MANUALS**

5.1 Manuals - Provide a minimum of two copies, in English, of each set of manuals requested below, for each unit delivered. The contract will not be considered complete until all manuals noted are received.

Comply      Yes ☒      No ☐

- 5.2 Instruction Manuals - Provide two copies of the manufacturer's overall instruction manual. The instruction manual must indicate the proper operation and maintenance procedures for all component installations.
- Comply Yes ☒ No ☐
- 5.3 Parts Manual - Provide two copies of the parts manual.  
The parts manual must include assembly drawings of all components.
- Comply Yes ☒ No ☐
- 5.6 Spreader Warranty period - Provide warranty on all components and repair labour for a minimum of 100 HRS or 24 months, from the date the unit is initiated into service.
- Comply Yes ☒ No ☐ \* See warranty
- 5.7 Warranty claims - If requested warranty repairs have not commenced within a 24 hour period, the Village of Masset reserves the right to complete repairs and bill the vehicle dealer for the repair parts and labour in accordance with their standard repair time and rate.
- Comply Yes ☒ No ☐ Certificate for further information.
- 5.8 Warranty Contact- Specify the person responsible for any required warranty repairs, and provide the name and phone number of the person to be contacted should warranty repairs be required.
- Contact Name: Sam McKeown  
Telephone No: (846) 241-3264  
Facsimile No: (705) 653-4134

## 6.0 SPREADER SPECIFICATIONS

6.1	To supply a slide-in deicing spreader body onto a single axle chassis.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.2	The spreader must have a minimum dry material capacity of 3m <sup>3</sup>	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.3	The hopper is to be of continuous welded all steel construction. All fasteners to be stainless steel. All material surfaces to be shot blasted and shall have zinc-vinyl primer, two primer coats and two topcoats of manufacturers orange (or similar) polyurethane paint baked on for durability.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.3	The discharge spreading material rates shall be synchronized to the speed of the vehicle within a speed range of 0 to 70 km/h for standard unit and up to 90 km/h high speed unit.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.4	The operator must have in-cab control of the width of the spread in increments from 2 to 12 meters for dry/prewet material and 2 to 11 meters for liquid material.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.5	The spreader must be capable of spreading dry material only, prewet dry material, or liquid material only.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.6	The single drop chute and spinner assembly must be designed to swing into an upright position by means of a gas-charged cylinder, for storage and for calibration.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.7	Material delivery to the spinner drop chute shall be achieved via an unloaded rubber belt conveyor. <b><u>NO EXCEPTIONS</u></b> <b><u>Standard roadway type spreaders utilizing loaded conveyors and/or auger delivery systems are not acceptable.</u></b>	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.8	Material metering must be achieved using a feed roller with replaceable cam system along the full length of the inside hopper.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.9	An agitator, to break up lumps in the dry material, must be mounted closely above the feed roller and shall feature replaceable fingers rotating in a synchronized speed with the feed roller and conveyor belt.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6.10	The agitator system must ensure an equalization and homogenization of material above the feed roller. Hopper shall empty equally front to rear ensuring optimal lowering of center of gravity.	Comply	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

6.11	The unit will be capable of variably pretwetting the dry material with liquid at a rate of 5% to 30%.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.12	The spreader will have a 2-section spreading disc with the top section delivering dry material and the bottom section delivering liquid (for anti-icing and pretwetting) via 6 liquid cylinders and/or with 36 inch spray bar.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.13	Single 3 cyl liquid pump must be of multi-chamber oil bath diaphragm design with a minimum of 265 lt./min at 20 bar for standard unit and/or separate 6 cyl pump system for high speed unit with spray bar.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.14	Liquid system shall include two (2) on-board, body-molded tanks with a minimum capacity of 1,800 liters on a 3m3 hopper, and up to 9500 liters capacity on a 9m3 hopper.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.15	Liquid tanks to be refillable from a single 2" full port hydrant type cam lock, male port fitting with a 2" full port shutoff valve to be located near the spinner chute frame.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.16	Unit to be supplied with truck mount controller (EpoMaster IV) or approved equivalent.	Comply Details <u>EpoMaster IV</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.17	The controller shall allow on-the-go operator adjustment of spreading width, spreading symmetry, spreading quantity and maximum rate (blast).	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.18	An electrical symmetry function shall be available to download precise materials placement to reduce waste.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.19	A neutral gear for disengagement of agitator and metering roller to perform proper calibration and testing of machine.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.20	All electrical functions shall be through a single, 6 conductor, multiplex wiring harness. Control system must be capable of full manual override to allow machine operation in the event of an electrical failure.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.22	Spreader must be completely mounted and installed by the spreader manufacturer's authorized dealer.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
6.23	A minimum of 8 hours operations and maintenance training to be provided.	Comply	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>



## **References**

Luc DesGroseilliers  
Airfield Maintenance Service  
Vancouver Airport Authority  
Model: Epoke Sirius Combi AST 4902, 2014  
778.858.5285  
[Luc\\_desgroseilliers@yvr.ca](mailto:Luc_desgroseilliers@yvr.ca)

Wayne Morris  
Manager, Airside Services  
St. John's International Airport Authority  
Model: Epoke Sirius 4400, 2009  
709.758.8513  
[wmorris@stjohnairport.com](mailto:wmorris@stjohnairport.com)

Henry Oberholster P. Eng A.A.E.  
Associate Director Energy and Fleet  
Greater Toronto Airports Authority  
Model: Epoke Sirius SH3810-2T AST, 2019  
416-776-5388  
[Henry.oberholster@gtaa.com](mailto:Henry.oberholster@gtaa.com)



REQUEST FOR PROPOSAL NO. 2021-3  
Masset Airport Anti / De Icing Spreader

## SECTION 5.0 - FORM OF PROPOSAL

### DECLARATION

I/We the undersigned authorized signing officer of the Proponent, HEREBY DECLARE that no person, firm or corporation other than the one represented by the signature (or signatures) of proper officers as provided below, has any interest in the Proposal.

I/We further declare that all statements, schedules and other information provided in this Proposal are true, complete and accurate in all respects to the best knowledge and belief of the Proponent.

I/We declare that this Proposal is made without connection, knowledge, comparison of figures or arrangement with any other corporation, firm, partnership or persons making a Proposal and is in all respects fair and without collusion for fraud.

I/We further declare that no employee of the Village is or will become interested, directly or indirectly as a contracting party or otherwise in the supplies, work or business to which it relates or in any portion of the profits thereof, or in any such supplies to be therein or in any of the monies to be derived there from.

I/We further declare that the undersigned is empowered by the Proponent to negotiate all matters with the Village's representatives, relative to this Proposal.

I/We further declare that the agent listed below is hereby authorized by the Proponent to submit this Proposal and is authorized to negotiate on behalf of the Proponent.

I/We further agree in submitting this Proposal, we recognize the Village may accept any Proposal in whole or in part, or elect to reject all Proposals.

I/We are familiar with the various terms and conditions of the proposal process and that the attached proposal submission is fully compliant with the requirements stated in the Request for the Proposal documentation.

### **ACKNOWLEDGEMENT OF ADDENDA**

I/We have received and allowed for **ADDENDA NUMBER** None in preparing my/our Proposal.  
Insert #'s or "none"

Team Eagle Ltd.  
Company Name  
Ben McKeown  
Signature

Ben McKeown Aso  
Print Name

**NOTE: Failure to sign this page and return with your submission will result in non-acceptance of your submission.**

# Team Eagle Ltd.

10 Trent Drive, P.O. Box 670, Campbellford, Ontario, Canada, K0L 1L0



December 15, 2021

Mr. Alan Smith, CAO  
Village of Masset  
PO Box 68  
Masset, BC  
V0T 1M0

Quote for RFP No. 2021-3

Epoke Sirius AST 4900 \$94,750 CAD

- 3 cubic meter solid material capacity
- 1,880 litre liquid capacity
- Unladen conveyor system
- Slide-in style system
- Wheel drive (no truck hydraulics required)
- Freight to Port of Montreal

Estimated Freight from Montreal to British Columbia \$17,500 - \$20,000 CAD

Onsite installation and training estimate \$3,500 - \$5,000 CAD

Please note pricing does not include any Federal, Provincial, or Harmonized Sales Taxes.

Delivery is 5-6 months ARO.

Thank you for providing Team Eagle with this opportunity. Should you have any further questions please do not hesitate to contact me.

Sincerely,

  
Ben McKeown

Commercial Business Manager  
Team Eagle Ltd.

Telephone (866) 241-3264 • Facsimile (705) 653-4732 [www.team-eagle.ca](http://www.team-eagle.ca)

*Your Airfield Solutions Partner*

**Village of Masset**  
**Masset Airport, Airport Anti / De Icing Spreader**  
**Request for Proposal No. 2021-3**



**After Sales Service and Support**

Team Eagle's Parts and Service Department is operated from our Canadian headquarters in Campbellford ON. We also have Parts and Service Department located in Tilton NH to help support our U.S. customer base. The Parts and Service Department is available 24/7 throughout the year and are first involved with the pre-delivery inspection and for the duration of the warranty period and service life of the equipment.

Our Parts and Service Department is committed to respond to all issues regarding warranty repairs and/or unit-down emergencies as quickly as possible as we understand the critical nature of airport snow & ice control equipment. We take a proactive approach to ensure that our equipment and our services meet our customers' expectations and respond promptly to meet any issues that arise.

As an authorized factory dealer, we require our Service Technicians to be factory certified and trained in the delivery/setup and operation/maintenance of the equipment's mechanical systems. Our Service Technicians are certified Inter-Provincial Truck and Coach, Automotive, Class A Mechanics. Our Service Team travels throughout Canada regularly to support our customers, support warranty and service requirements, manufacturers' upgrade campaigns and to provide the level of service our customers rely on and have come to expect.

Our Parts Departments holds common replacement parts and whole goods inventory in excess of \$1M. Parts requirements related to our airport snow & ice control equipment are treated with the same sense of urgency as service requirements. We guarantee that replacement parts are shipped by quickest available means from one of our headquarters, or directly from the manufacturer.

Our Parts Department also offers recommended spare parts (RSP) kits. The RSP kits are customized and determined in conjunction with the customer's requirements. The RSP kits are supplied on consignment, typically for one year, after which the customer may return all or any part of the RSP kit at no restocking charge, paying for as few or as many of the parts as may have been used and/or wish to retain in stock. (Orders must be placed with the original equipment purchase.)

Team Eagle strives to be each airport client's 'Partner'. We try to understand what an airport's challenges are and how we can help the airport meet them. Team Eagle provides airport snow & ice control equipment that has proven performance on a consistent basis. Our Parts and Service Department strive to provide 100% satisfaction on parts, service and warranty claims.



*The industry's best  
anti-corrosion protection!*

# WARRANTY CERTIFICATE

## 1 YEAR Full Machine

Epoke warrants all products sold by it and operating in the United States and Canada to be free from defects in materials and workmanship for a period of one year. An additional warranty against defects in electrical components applies for two years; stainless steel delivery rollers and agitator shafts (does not cover replaceable steel cams or steel spring fingers) are warranted for five years and hoppers are warranted against rust perforation for a period of ten years. This warranty does not apply to tires as the tire manufacturers are responsible for their warranty administration.

This warranty is for the period stated from the date of delivery to the first user, is non-transferable and subject to the following terms and conditions:

If a defect in materials or workmanship is found during the warranty period, Epoke will, during normal working hours and at a place of business of an Epoke Dealer or other source approved by Epoke:

- provide (at Epoke's choice) new, remanufactured or repaired parts or assembled components needed to correct the defect- note that items replaced under warranty become the property of Epoke
- provide reasonable and customary labor needed to correct the defect

The user is responsible for:

- providing proof of delivery
- costs associated with transporting the product
- labor costs except those covered by Epoke
- local taxes, if applicable
- parts shipping charges in excess of those which are usual or customary
- costs to investigate complaints unless the problem is, in fact, caused by a defect in materials or workmanship
- giving timely notice of a warrantable failure and promptly making the product available for repair
- performance of required maintenance using proper materials and replacement of items due to normal wear and tear
- allowing Epoke access to all electronically stored data

Limitations:

- Epoke is not responsible for failures resulting from:
  - any use or installation which Epoke judges improper
  - attachments, items and parts not sold or approved by Epoke
  - hopper rust perforation as a result of physical damage to the hopper, welding on the hopper or use of non stainless steel hardware
  - abuse, neglect, and/or improper repair
  - user's delay in making product available after being notified of a potential problem
  - unauthorized repair or adjustments

Epoke is not responsible for incidental or consequential damages.

## 2 YEARS Electrical Components

## 5 YEARS Stainless Steel Delivery Roller & Agitator Shaft

## 10 YEARS Hopper Rust Perforation

Effective with Deliveries of New Epoke Products in Canada & USA after December 1, 2003.



# Brochure



**epoke®**

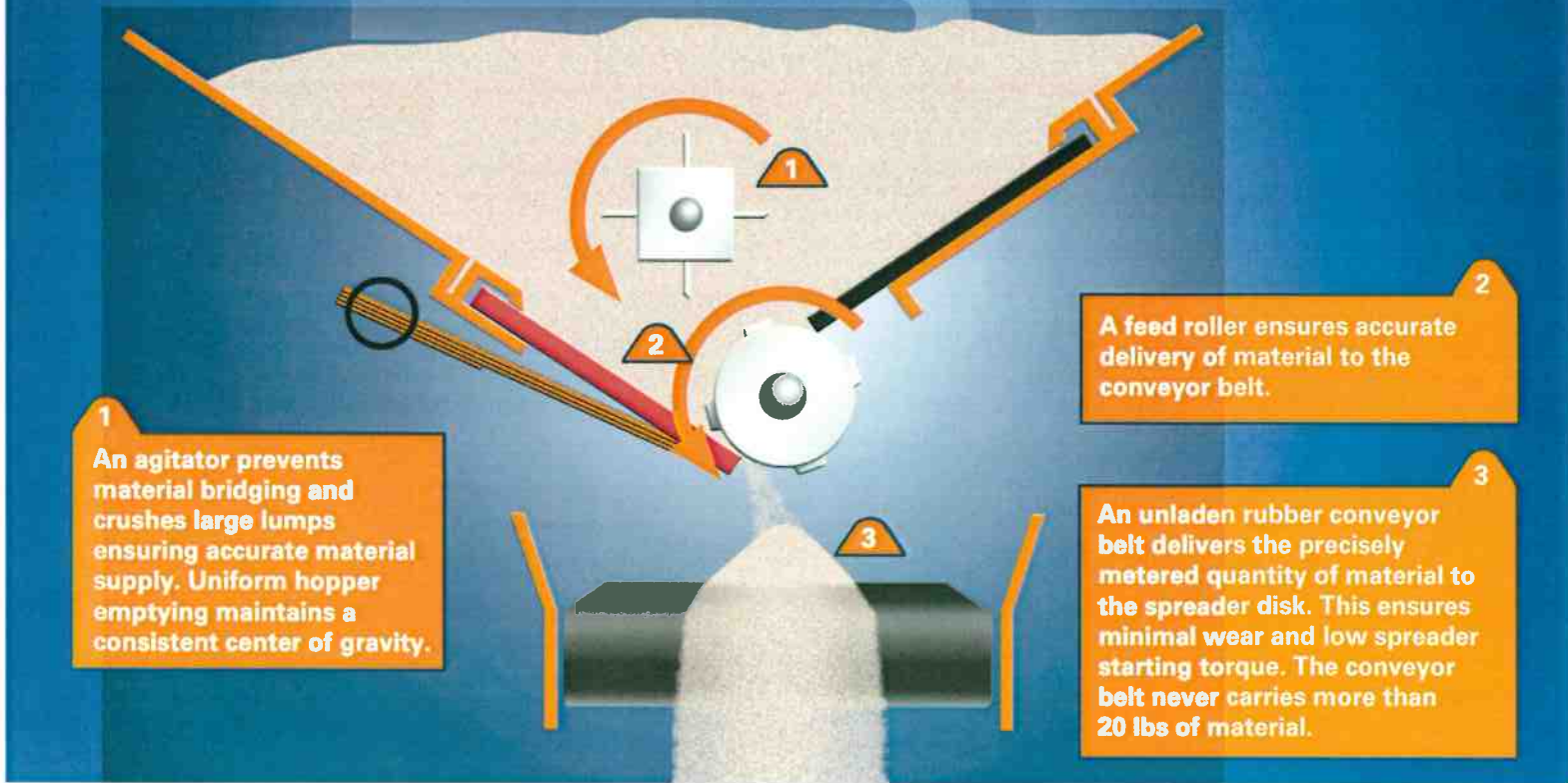
**BULK SPREADERS**

***epoke is innovation!***



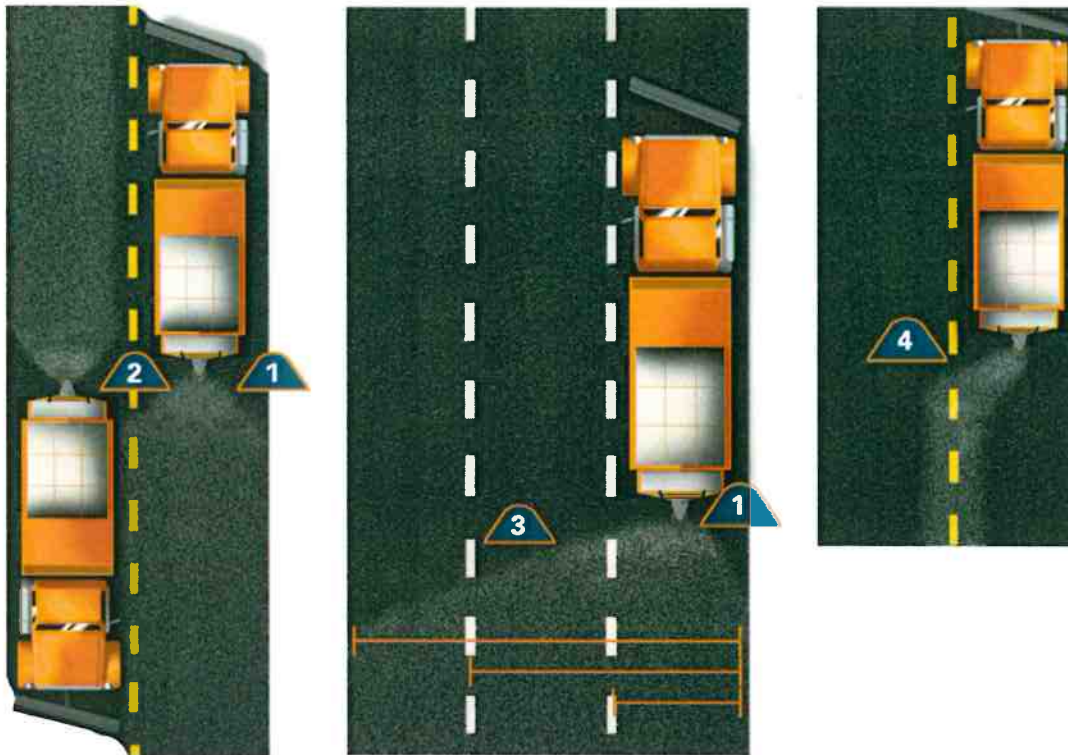
# THE EPOKE PRINCIPLE

## Patented 1956



## SYMMETRY FUNCTION

Precise material placement reduces waste - Save time, money and the environment.



The EPOKE Symmetry Function:

**1**  
Precise material placement

**2**  
Accurate lane material placement

**3**  
Multi-lane spreading

**4**  
Centre line stripping

# THE EPOKE ADVANTAGE

## VARIABLE PREWETTING 5% TO 30%

AT 30% PREWETTING 30% OF THE TOTAL RATE (BY WEIGHT) IS LIQUID SO:

- 100 lbs. total rate =  
70 lbs. of dry + 30 lbs. of liquid

## BENEFITS OF 30% PREWETTING



### REDUCED DRY MATERIAL USAGE:

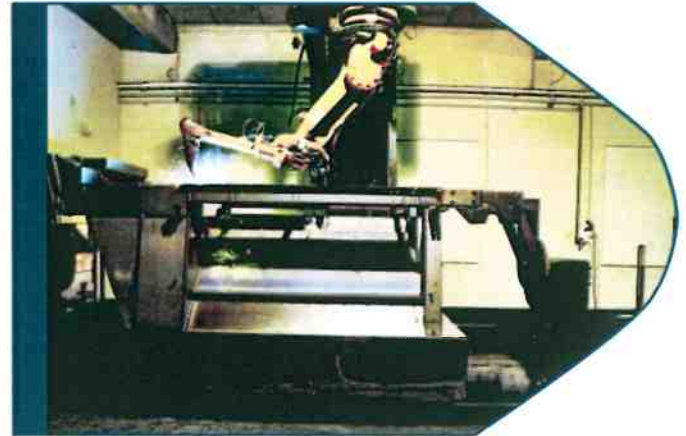
- 30% of application rate automatically replaced with brine
- Reduced bounce and scatter
- Less effect of traffic blowing salt off the pavement
- Faster reaction time
- Salt works better to lower temperatures

WE INNOVATE IT, WE BUILD IT, WE BACK IT.



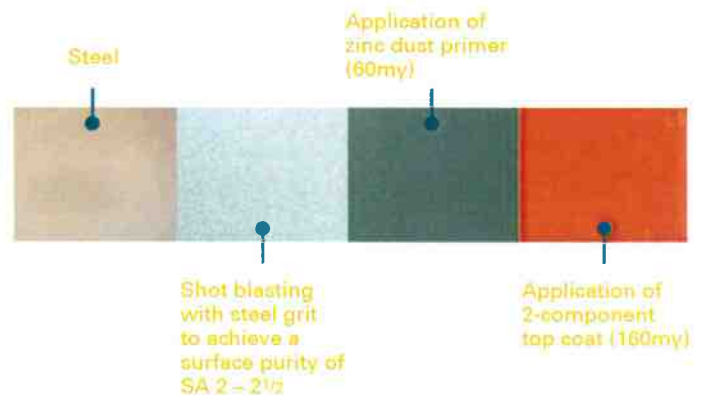
1 YEAR	Full Machine
2 YEARS	Electrical Components
5 YEARS	Stainless Steel Delivery Roller and Agitator Shaft
10 YEARS	Hopper Rust Perforation
15 YEARS	Parts Availability Guarantee

Epoke products are engineered, built, painted, assembled and tested in ONE trusted ISO Certified facility that has met stringent quality standards for over 50 years.



### PAINT MATTERS

When dealing with corrosive materials and extreme climates - paint matters. All material surfaces are steel shot blasted and have a zinc-dust combined primer coat and one finish coat of polyurethane lead free paint- baked and cured for durability. Epoke's industry leading paint process is backed by a 10 year warranty.



## SOLUTIONS FOR SMALLER TRUCKS

Igloo spreaders are available in engine or hydraulic drive versions and in 3 lengths of hoppers (with various capacities) to fit smaller trucks. Perfect for highway supervisors or commercial property contractors and municipal users servicing tight areas requiring accurately spread materials.



### IGLOO 2300/2400

#### DRY CAPACITY

0.8 - 2.0 m<sup>3</sup>                      1.0 - 2.6 cu yd

#### LIQUID CAPACITY

340 - 568 litres                      90 - 150 gallons

#### PRE-WETTING

yes - fixed at 30%

#### ANTI-ICING

yes - up to one lane

#### GROUND SPEED RELATED

yes

#### EPOKE PRINCIPLE

no - ribbed conveyor belt

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

Up to 6 meters                      Up to 20 feet

## SOLUTIONS FOR ACCURATE PREWETTING

The 3800 AST is perfect for precise material application on streets, highways and parking areas for dry, prewet and single lane anti-icing.



### 3800 AST

#### DRY CAPACITY

3.0 - 9.0 m<sup>3</sup>                      4.0 - 12.0 cu yd

#### LIQUID CAPACITY

1,850 - 4,080 liters                      490 - 1,075 gallons

#### PRE-WETTING

yes - variable from 5% to 30%

#### ANTI-ICING

yes - effective up to one lane

#### GROUND SPEED RELATED

yes

#### EPOKE PRINCIPLE

yes

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

Up to 12 meters                      Up to 40 feet

## SOLUTIONS FOR MULTIPLE ROLES

The 4900 combination spreader serves three roles on just one chassis. It's a highly capable, large volume anti-icing spreader AND a high capacity dry and prewet material spreader.



### 4900 AST COMBI

#### DRY CAPACITY

4.0 - 9.0 m<sup>3</sup>                      5.2 - 12.0 cu yd

#### LIQUID CAPACITY

1,850 - 11,100 liters                      490 - 2,930 gallons

#### PRE-WETTING

yes - variable from 5% to 30%

#### ANTI-ICING

yes - up to two lanes at normal spreading speeds

#### GROUND SPEED RELATED

yes

#### EPOKE PRINCIPLE

yes

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

Up to 12 meters                      Up to 40 feet

## SOLUTIONS FOR HIGH SPEED RESULTS

The 4902 combination spreader is similar to the 4900, but has the ability to do high speed (up to 55 mph/ 90km/h!) anti-icing application. The 4902 offers unparalleled versatility for anti-icing from parking lots to side streets with the added capability of high speed coverage on highways or runways.



### 4902 AST COMBI-HIGH SPEED

#### DRY CAPACITY

4.0 - 9.0 m<sup>3</sup>                      5.2 - 12.0 cu yd

#### LIQUID CAPACITY

1,850 - 11,100 liters                      490 - 2,930 gallons

#### PRE-WETTING

yes - variable from 5% to 30%

#### ANTI-ICING

yes - up to 3 lanes at up to 90 km/h (55 mph)

#### GROUND SPEED RELATED

yes

#### EPOKE PRINCIPLE

yes

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

Up to 12 meters                      Up to 40 feet

## SOLUTIONS FOR LIQUID SPREADING

The Virtus is a high speed (up to 55 mph/ 90km/h!), high volume, straight liquid sprayer with factory supplied integral frame and liquid tanks in various capacities for extended anti-icing duties. It is also available as a 'kit' for installation on your tanker truck or trailer.



### VIRTUS - LIQUID ONLY

#### DRY CAPACITY

n/a

#### LIQUID CAPACITY

7,500 - 17,500 liters      2,000 - 4,600 gallons

Kit - capacity determined by customer supplied tanker truck or trailer

#### PRE-WETTING

n/a

#### ANTI-ICING

yes - up to 3 lanes at up to 90 km/h (55 mph)

#### GROUND SPEED RELATED

yes

#### EPOKE PRINCIPLE

no

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

n/a

## SOLUTIONS FOR AIRPORT USE

All Epoke models can be used on runways, taxi ways, aprons or the ground side of airports and the 3800-2T twin spinner offers wide application spreading of dry and prewet materials for airport runways and taxiways.



### 3800 AST - 2T

#### DRY CAPACITY

4.0 - 9.0 m<sup>3</sup>

5.2 - 12.0 cu yd

#### LIQUID CAPACITY

1,850 - 4,080 liters

490 - 1,075 gallons

#### PRE-WETTING

yes - variable from 5% to 30%

#### ANTI-ICING

no

#### GROUND SPEED RELATED

yes

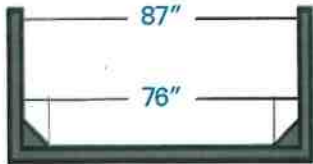
#### EPOKE PRINCIPLE

yes

#### SPREAD WIDTH - DRY OR PREWET MATERIALS

Up to 24 meters

Up to 80 feet

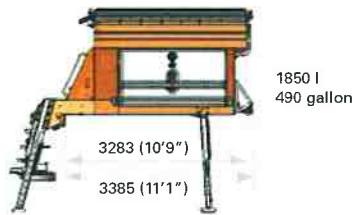


## DUMP BOX REQUIREMENT FOR SIRIUS

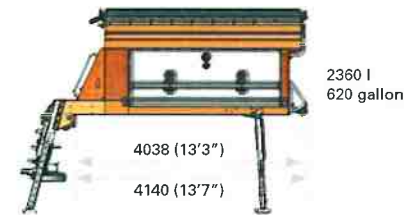
Spreaders shown are typical but other hopper and tank configurations to fit specific chassis requirements are available- please contact your local Epoke Dealer for more information.

### SIRIUS AST

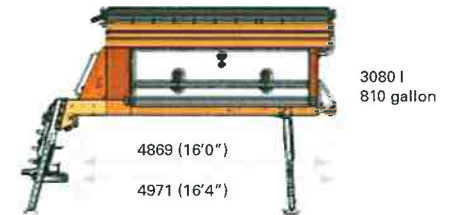
SH - SMALL - 3/4/5 m<sup>3</sup>  
(4.0/5.2/6.5 yd<sup>3</sup>)



SH - MEDIUM - 4/5/6/7 m<sup>3</sup>  
(5.2/6.5/7.8/9.1 yd<sup>3</sup>)

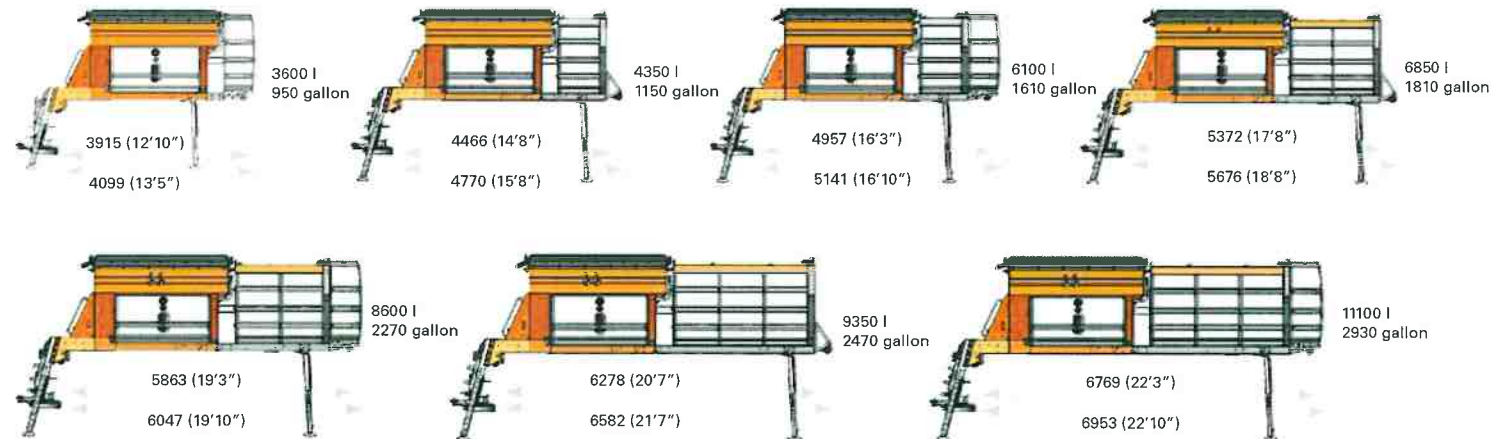


SH - LARGE - 6/7/8/9 m<sup>3</sup>  
(7.8/9.1/10.4/11.7 yd<sup>3</sup>)

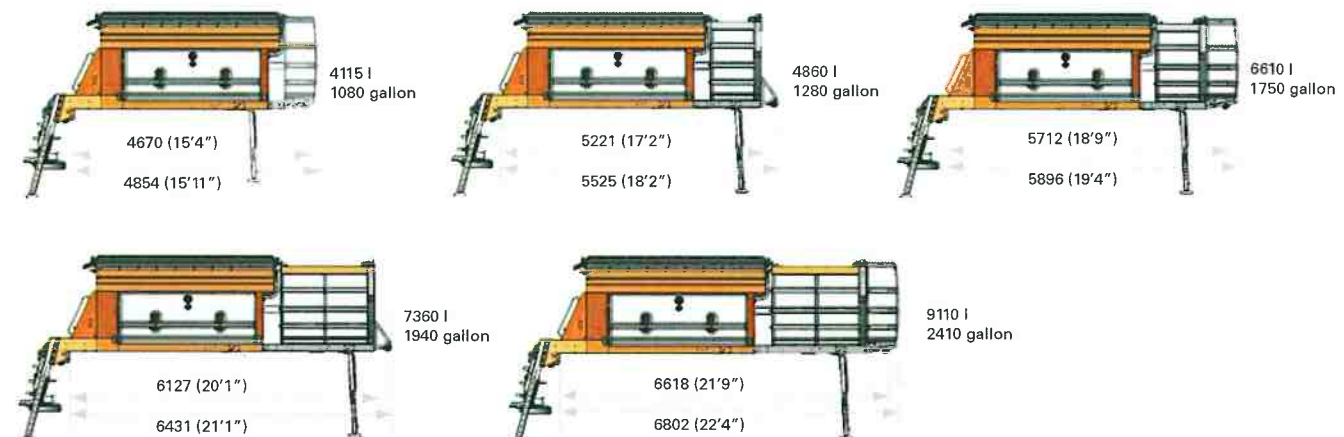


### SIRIUS COMBI AST

SH - SMALL - 3/4/5 m<sup>3</sup> (4/5.2/6.5 yd<sup>3</sup>)



SH - MEDIUM - 6/7 m<sup>3</sup> (7.8/9.1 yd<sup>3</sup>)





## EPOMASTER

EpoMaster is Epoke's patented In Cab Controller. EpoMaster allows operators to precisely control metered spreading width, rate, and symmetry.

### FEATURES

- Data output for easy information tracking.
- Ergonomic controls.
- Ease of operation for all spreader functions.
- Available with standard or metric settings.

### BENEFITS

- Ease of use.
- Precise control.
- Reliable and durable.
- Available EpoSat® GPS automated spreading.



## EPOSAT

### PURPOSE

- EpoSat® is completely automated, hands-free spreading based on GPS positioning.
- Predetermined route optimization - consistent spreading... with every operator, every time!

### SAFETY

- Increased operator focus on driving conditions.
- Planned, repeatable and consistent material spreading - every time for safer roads!

### BENEFITS

- Reduced material consumption.
- Lower operating costs.
- Route optimization.
- Route navigation.
- Increased traffic safety.
- Improved work environment for the drivers.



## INSTALLATION OPTIONS

### FRAME MOUNT



### HOOK LIFT



### LEG SYSTEM

#### GO FROM DUMP TRUCK TO SPREADER AND BACK WITHIN MINUTES!

- Gain flexibility without the compromise of a multi-use body.
- Greater legal payload, more durable, no loading restrictions, and less maintenance.

### BENEFITS

- Lower basic truck weight.
- A standard commercial dump body is lighter, more durable and less prone to damage. It will carry more legal pay load than any comparable multipurpose body.
- Epoke spreaders can be loaded and unloaded fully laden with dry and liquid material.
- The versatility of the Sirius AST spreader design enables our units to fit onto virtually any truck.





# THE EPOKE ADVANTAGE

## epoke is innovation

From the original spinner disc through ongoing advancements in runway and road maintenance, Epoke is innovation!

## environment

Epoke's advanced control system ensures accurate rates and precise placement of material- reducing environmental impact!



## ease of use

EpoMaster controller ensures operator ease of use OR step up to the EpoSat option for full automated spreading!

## endurance

We build it. We Back it! Manufactured to ISO standards with quality components. Epoke spreaders are built to last and backed with an industry best warranty!

## economy

From reductions in material, escalating chemical costs, long life components, and reduced chassis maintenance, save money on your spreader life cycle cost!

Epoke dealers are chosen because of their expertise and commitment to providing superior customer service and solutions. Our dealer program provides comprehensive and ongoing training as well as integrated customer support. Service you can rely on, equipment you can depend on - a team you can trust!

## Team Eagle

10 Trent Drive, PO Box 670  
Campbellford, ON K0K 1L0

141 Sanborn Road  
Tilton, NH 03276

866-241-3264  
[info@team-eagle.ca](mailto:info@team-eagle.ca)  
[www.team-eagle.ca](http://www.team-eagle.ca)

## **Appendix 3**

### **Aebi Schmidt Canada Inc Proposal: 4x4 Plow Truck**

Aebi Schmidt Canada Inc.  
1186 route 321 Nord C.P. 5040 | St-Andre-Avellin | Quebec | J0V 1W0Village of Masset  
P.O. Box 68  
Masset, BC, V0T 1M0  
Attn: Alan Smith, CAO

December 15, 2021

**Subject: RFP No. 2021-4 MASSET 4x4 PLOW TRUCK**

Dear Mr. Alan Smith,

Aebi Schmidt Canada Inc. is pleased to submit our quotation to the Masset Airport for one ELP manufactured single axle 4x4 Plow Truck as per attached specifications.

<b>2023 Freightliner 114SD 4X4 Plow Truck with 20' plow as per specifications:</b>	<b>\$ 296,782.00</b>
<b>Flat bed shipping to Masset Airport from ELP:</b>	<b>\$ 17,000.00</b>
<b>Equipment price:</b>	<b>\$313,782.00</b>
<b>5% GST:</b>	<b>\$15,689.10</b>
<b>7% PST:</b>	<b>\$21,964.74</b>
<b>Total Price:</b>	<b>\$351,435.84</b>

**Pricing includes includes delivery to Masset Airport, setup, commissioning, and training for operators and technical staff, taxes are extra.**

Thank you for considering an ELP manufactured Airport Plow Truck. ELP is a wholly owned subsidiary of Aebi Schmidt Canada Inc. We look forward to working with you on this project. If there is anything additional you need please contact me at 403-680-4554

Best regards,

*Dave Nieuwkerk*Dave Nieuwkerk  
Sales - Canada



## **REQUEST FOR PROPOSAL No. 2021-4**

**Masset Airport 4x4 Plow Truck**

**Closing Date and Time:  
December 15, 2021 @ 4:00 p.m. (local time)**

Issued: Nov. 25, 2021

Village of Masset  
PO Box 68  
Masset, BC V0T 1M0  
Phone: 250-626-3995 Fax:  
250-626-3968 Email:  
[cao@masset.ca](mailto:cao@masset.ca)



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

**INDEX**

DEFINITIONS AND INTERPRETATIONS.....	2
SECTION 1.0 - INFORMATION TO PROPONENTS.....	3
SECTION 2.0 - TERMS OF REFERENCE.....	7
SECTION 3.0 - PROPOSAL REQUIREMENTS.....	11
SECTION 4.0 - GENERAL CONDITIONS.....	16
SECTION 5.0 - FORM OF PROPOSAL.....	
RETURN ADDRESS LABEL.....	



REQUEST FOR PROPOSAL NO. 2021-07  
ODVVHWSLUSRUW3ORZ7UEN

## DEFINITIONS AND INTERPRETATIONS

The following definitions apply to the interpretation of the Request for Proposal Documents;

1. “Addenda” or “Addendum” means a written addendum or written addenda to the RFP Documents issued by the Village of Masset as set out in this RFP.
2. “Authorized Person” means;
  - a. For a Proponent who is an individual or sole proprietor that person.
  - b. For a Proponent which is a partnership, any authorized partner of the Proponent.
  - c. For a Proponent which is a corporation:
    - i. any officer or director of the corporation; and
    - ii. any person whose name and signature has been entered on the document submitted with the Request for Proposal, as having been authorized to participate in the completion, correction, revision, execution, or withdrawal of the submission, whether that person is or is not an officer or director.
  - d. For a Proponent that is a joint venture, the submission shall be signed by a person for and on behalf of each party of the joint venture or, if they warrant that they have the authority vested in them to do so, one person so authorized may sign on behalf of all parties that collectively form the joint venture.
3. “Bidding System” means the Village’s bid system operated through BC Bids
4. “Proposal” means the response in the form prescribed by this RFP and completed and submitted by a Proponent in response to and in compliance with the Request for Proposal.
5. “Proponent” or “Respondent” means the legal entity submitting a Proposal.
6. “Request for Proposal (RFP)” means this request for proposal issued by the Village in respect of the planning and design services described herein.
7. “RFP Documents” are this RFP and Addenda to the RFP documents, if any.
8. “Successful Proponent” means the Proponent whose Proposal has been approved by the Village.
9. “Village” refers to the Village of Masset.



REQUEST FOR PROPOSAL NO. 2021-~~01~~  
ODVVH\$VDSRWBORZJEN

## SECTION 1.0 - INFORMATION TO PROPONENTS

### 1.1 Project Introduction

The goal of this RFP is to solicit proposals (~~01/01/2021~~)

**PROJECT:** ~~DM000~~

**DATE ISSUED:** ~~01/01/2021~~

**Closing Date:** ~~01/01/2021~~

**Closing Time:** 16:00 hours (Local Time)

While the Village of Masset (Village) anticipates awarding a contract for the ~~DM~~  
~~01/01/2021~~ nothing in this Request for Proposal ("RFP") binds the Village to accept any proposal. The Village will not pay any costs incurred in the preparation of submissions responding to this RFP.

The Village reserves the right to withdraw, at its discretion and at any time, this RFP. The Village reserves the right to alter or amend this RFP prior to the Closing Date. If in the sole opinion of the Village an amendment to this RFP merits an extension of the Closing Date the Village may extend the Closing Date.

It is recommended that proposals should also be sent by email by the closing date given the remote location, and possible disturbance to mail delivery and courier service due to weather considerations.

Only written amendments to this RFP shall be effective.

Amendments to this RFP will be made available in the same manner and by the same method used for the distribution of this RFP.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

1.2 **Proposal Format and Delivery**

- a) Proponents are required to submit one (1) electronic copy and three (2) hard copies of their Proposal as described in this RFP, section 3.0. At least one (1) hard copy must carry original signatures and be marked as MASTER. Additional sets may be a photocopy and marked as "DUPLICATE". Submissions must be sealed in envelopes or containers marked **"Masset Airport 4x4 Plow Truck"** addressed to:

Village of Masset  
Attn: Alan Smith, Chief Administrative Officer  
PO Box 68,  
Masset, B.C.  
V0T1M0

PDF Format by email: [cao@masset.ca](mailto:cao@masset.ca)

**It is recommended that proposals should also be sent to the above email address by the closing date. Due to the remote location, and weather considerations, may cause possible delays to mail and courier delivery.**

- b) Proposals will be officially opened after closing time. Only the names of those Proponents submitting a Proposal will be read out at the public Proposal opening. No prices are to be read out, however, only once the award is made and approved by the Village, the report recommending such award shall be a matter of public record, unless otherwise determined by Council of the Village.
- c) A Proponent may request that their Proposal be withdrawn. Withdrawal shall only be allowed if the Proponent makes the request in writing and the request is delivered to the CAO before the RFP closing time.
- d) Proposals confirmed as withdrawn will be returned unopened to the Proponent. The withdrawal of a Proposal does not disqualify a Proponent from submitting another Proposal prior to the closing time.
- e) The Village shall not be liable for any cost of preparation or presentation of Proposals, and all Proposals and accompanying documents submitted by the Proponents become the property of the Village and will not be returned. There will be no payment to Proponents for work related to, and materials supplied in the preparation, presentation and evaluation of any Proposal, nor for the contract negotiations whether they are successful or unsuccessful.
- f) The Village, their elected officials, employees and agents shall not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Proponent, prior or subsequent to, or by reason of the acceptance, or non-acceptance by



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

the Village of any Proposal, or by reason of any delay in the acceptance of any Proposal.

1.3 **Questions / Inquiries**

- a) All questions shall be submitted in writing with ample time before the deadline for submissions and emailed to [cao@masset.ca](mailto:cao@masset.ca)
- b) No communication from Proponents will be accepted by in person meeting, fax or telephone. Communications related directly or indirectly to this RFP shall not be directed to any other Village employees or elected officials. **Directing inquiries to other than the CAO may result in your submission being rejected.**
- c) It is the Proponent's obligation to seek clarification from the Village of any matter it considers to be unclear. The Village is not responsible in any way whatsoever for any misunderstanding by the Proponent of the RFP Documents, background information provided by the Village, responses to questions or any other type of information provided by or communication made by the Village.
- d) Responses to questions prepared and circulated by the Village are not RFP Documents and do not amend the RFP Documents. Only a response to a question that has been incorporated into or issued as an Addendum will modify or amend the RFP Documents and, otherwise, responses to questions will have no force or effect whatsoever and shall not be relied upon by any Proponent.
- e) Responses to clarification requests will be provided to all interested parties. The Village may, in its sole discretion, distribute responses to questions of a minor or administrative nature to only the Proponent who submitted the minor or administrative question.
- f) Each Proponent is solely responsible, at its own cost and expense, to carry out its own independent research, due diligence or to perform any other investigations, including seeking independent advice, considered necessary by the Proponent to satisfy itself as to all existing conditions affecting the Proposal for this RFP. The Proponents' obligations set out in this RFP apply irrespective of any background information provided by the Village or information contained in the RFP Documents or in responses to questions.
- g) The Village does not represent or warrant the accuracy or completeness of any information set out in the RFP Documents or made available to Proponents. The Proponents shall make such independent assessments as they consider necessary to verify and confirm the accuracy and completeness of all such information as any use of or reliance by Proponents on any and all such information shall be at the Proponent's sole risk and without recourse against the Village.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

1.4 **Addenda**

- a) The Village may, in its sole discretion, amend or supplement the RFP Documents prior to the RFP closing time. The CAO will issue changes to the RFP Documents, which may include amendments to the submission deadline or changes in the Scope of Work or Qualifications of Proponents, by addenda only. No other statement, whether oral or written, made by the Village or their representatives will amend the RFP Documents. The Village will make every effort to issue all addenda no later than three business days prior to the closing date.
- b) The Proponent shall not rely on any information or instructions from the Village or a Representative of the Village except the RFP Documents and any addenda issued pursuant to this Section.
- c) The Proponent is solely responsible to ensure that it has received all Addenda issued by the Village. Proponents may in writing seek confirmation of the number of Addenda issued under this RFP from the CAO.
- d) The Proponent shall acknowledge receipt of all Addenda on the Form of Proposal – Declaration Form. Failure to complete the acknowledgement may result in rejection of the Proposal.

1.5 **RFP Schedule of Events**

The RFP process will be governed according to the following schedule. Although every attempt will be made to meet all dates, the Village reserves the right to modify or alter any or all dates at its sole discretion by notifying all Proponents in writing.

Issue RFP:	Feb 2, 2021
Last Date for Questions:	Feb 10, 2021
RFP Close:	Feb 17, 2021
Award of Contract:	Feb 24, 2021*

\*Date noted above is an approximation only and is subject to change.

## SECTION 2.0 - TERMS OF REFERENCE

## 2.1 Introduction

## Background

The Village of Masset is located at the north end of the islands of Haida Gwaii, which is located 100 kilometers west off the northern coast of British Columbia, Canada. Made up of over 200 islands large and small, Haida Gwaii covers an area of approximately 1,000,000 hectares and has a population close to 5,000. Masset is the largest and oldest municipality and Graham Island is the largest and northernmost island in the archipelago. Haida Gwaii is part of the North Coast Regional District (NCRD). Graham Island is characterized by steep slopes in the west and gently sloping lowlands in the east. It has large areas of agricultural land, centred mostly around Tlell and Lawnhill on the east side of the Island.

Incorporated in 1961, Masset's population was 793 in 2016, yet the Village provides amenities and services to a larger rural area with a population nearing 2,300, including the unincorporated area of Tow Hill (539) and Old Massett (IR) (555).

Masset has the many amenities needed to support residents and visitors alike, including an airport, grocery stores, library, elementary school, high school, post office, taxi service, liquor store, a marina, sea-plane base, visitor accommodation, restaurants, recreation programming, social services, museum, church, and access to amazing outdoor recreation. For more information regarding the Village of Masset refer [here](#).

Haida Gwaii has been home to the Haida since time immemorial, and evidence of their

[illegible]



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

Key industries in Haida Gwaii are forestry, fishing, and tourism. In addition to these industries, economic development opportunities on Graham Island include value-added wood processing, small-scale manufacturing and retail, agriculture, education, and film activities. Agriculture is a valuable contributor to the region's food security and the island economy, and essential to the sustainability of Haida Gwaii as a whole given its remote location and the high cost of importing food. Masset has a fairly stable base of businesses operating in the community. The top employers in Masset include: Northern Haida Gwaii Hospital and Health Centre, Haida Gwaii Consumers Cooperative Association (retail grocery store), CBI Fisheries Ltd., Tahayghen Elementary School, and Guudangaay Tlaats'gaa Naay Secondary School. For more information on the economy of Haida Gwaii and Masset, please refer to the [Misty Isles Economic Development Society](#) and [here](#) for more information on local business.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

2.2 **Scope of Services**

The goal of this RFP is to solicit proposals for the purchase of a 4 x 4 Airport Plow Truck with dump box.

A 4 x 2 Plow Truck may be considered as an optional tender submission but preference will be given to four wheel drive trucks.



REQUEST FOR PROPOSAL NO. 2021-07  
ODVVHW\$LUSRUW\$ORZUEN

## SECTION 3.0 - PROPOSAL REQUIREMENTS

### 3.1 Proposal Submissions

Submissions must be sealed in envelopes or containers marked "Proposal" and addressed to:

Village of Masset, CAO  
PO Box 68,  
Masset, BC  
V0T 1M0

PDF format by email to: [cao@masset.ca](mailto:cao@masset.ca)

**It is recommended that proposals should also be sent to the above email address by the closing date. Due to the remote location, and weather considerations, may cause possible delays to mail and courier delivery.**

Failure to include the submission requirements may result in the Proposal being disqualified.



REQUEST FOR PROPOSAL NO. 2021-07  
Masset Airport 4x4 Plow Truck

3.2 **Proposal Submission Requirements**

The proposal envelope shall contain **three (2) copies** of the proposal. One (1) copy shall be marked **“Master”** being an original document with original signature(s) and the other copy shall be marked **“Duplicate”**.

**The submission shall be no longer than fifteen (15) single sided pages (Arial 12 font or equivalent), excluding a schedule and any appendix.**

REQUEST FOR PROPOSAL NO. 2021-   
Masset Airport 4x4 Plow Truck



REQUEST FOR PROPOSAL NO. 2021-07  
ODVVHWSLUSRUW3ORZ7UEN

## SECTION 4.0 - GENERAL CONDITIONS

### 4.1 Rights of the Village of Masset

- a) The Village of Masset is not liable for any costs incurred by the Proponent in the preparation of their response to the RFP or selection interviews, if required. Furthermore, the Village shall not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Proponent, prior or subsequent to, or by reason of the acceptance, or non-acceptance by the Village of any Proposal or by reason of any delay in the award of the contract.
- b) The Village reserves the right to accept any Proposal, in whole or in part, that it feels most fully meets the selection criteria. The lowest cost Proposal, or any Proposal, may not necessarily be accepted. Village staff shall evaluate all compliant Proposals received by the closing time and make evaluations and recommendations to the Village Council for acceptance and approval.
- c) The Village reserves the right to request specific requirements not adequately covered in the initial submission(s) and to clarify information contained in the Request for Proposal.
- d) The Village reserves the right to modify any and all requirements stated in the Request for Proposal at any time prior to the possible awarding of the contract.
- e) The Village reserves the right to cancel this Request for Proposal at any time, without penalty or cost to the Village. This Request for Proposal should not be considered a commitment by the Village to enter into any contract.
- f) The Village reserves the right to enter into negotiations with the Successful Proponent. If these negotiations are not successfully concluded, the Village reserves the right to begin negotiations with the next Successful Proponent.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

- g) Proposals shall remain open and subject to acceptance for a period of ninety (90) days from closing date.
- h) In the event of any disagreement between the Village and the Proponent regarding the interpretation of the provisions of the Request for Proposal, the Village shall make the final determination as to interpretation.
- i) No Proposal shall be accepted from any person or Proponent who, has a claim or has instituted a legal proceeding against the Village, or against whom the Village has a claim or has instituted a legal proceeding, without the prior approval of Village of Council. This applies whether the legal proceeding is related or unrelated to the subject matter of this RFP.

4.2 **Conflict of Interest**

- a) The Proponent declares that no person, firm or corporation with whom or which the Proponent has an interest, has any interest in this RFP or in the proposed contract for which this Proposal is made.
- b) The Proponent further declares that no member of the Village of Masset Council, and no officer or employee of the Village will become interested directly or indirectly as a contracting party, partner, shareholder, surety, or otherwise in or in the performance of the Contract or in the supplies, work or business to which it relates, or in any portion of the profits thereof, or in any of the money to be derived there from.
- c) Should the Proponent feel that a conflict of interest or potential conflict of interest exists, the Proponent must disclose this information to the Village prior to the submission of a Proposal. The Village may, at its discretion, delay any evaluation or award until the matter is resolved to the Village's satisfaction. The Village may allow a conflict of interest or potential conflict of interest to exist if it is satisfied that there are adequate safeguards in place and the Village determines that it is in their best interests to do so.
- d) The Village reserves the right to disqualify a Proposal where the Village believes a conflict of interest or potential conflict of interest exists.

4.3 **Modified Proposals**

In the event that a preferred Proposal does not entirely meet the requirements of the Village, the Village reserves the right to enter into negotiations with the selected Proponent, to arrive at a mutually satisfactory arrangement and to make any modifications to the Proposal as are in the best interests of the Village.



REQUEST FOR PROPOSAL NO. 2021-7  
Masset Airport 4x4 Plow Truck

4.4 **Disqualification of Proponents**

More than one Proposal from an individual firm, partnership, corporation or association under the same or different names will not be considered. A Proponent shall not discuss or communicate, directly or indirectly with any other Proponent, any information whatsoever regarding the preparation of its own Proposal or the Proposal of the other Proponent. Proponents shall prepare and submit Proposals independently and without any connection, knowledge, comparison of information or arrangement, direct or indirect with any other Proponent. Collusion between Proponents will be sufficient for rejection of any Proposals so affected.

4.5 **Confidentiality**

- a) The Proposal must not be restricted by any statement, covering letter or alteration by the Proponent in respect of confidential or proprietary information. The Village will treat all Proposals as confidential. All Public Reports approved by the Village will become public information. The Village may disclose any information with respect to the Proponent, the Proposals, the RFP process (including any information obtained during a site visit) or any Agreements between the Village and a Proponent as required by law. Proponents are strongly encouraged to consult their own legal advisors as to the appropriate way in which confidential or proprietary business information should be marked in their Proposals.

Proponents, in submitting a Proposal, acknowledge that:

- the Freedom of Information and Protection of Privacy Act of British Columbia (“FOIP”) applies to all information and records relating to, or obtained, generated, created, collected or provided under, this RFP, any subsequent contract or purchase order which are in the custody or control of the Village; and
- FOIP imposes an obligation on the Village and through participation in this RFP on the Proponent to protect the privacy of individuals to whom information relates. Proponents shall protect the confidentiality and privacy of any individual’s Personal Information (as defined in FOIP) accessible to the Proponent or collected by the Proponent pursuant to this RFP, any subsequent contract or purchase order.

The purpose for collecting personal information for this RFP is to enable the Village to ensure the accuracy and reliability of the information, to permit evaluation of the Proposal. Proponents, by submitting a Proposal consent, and are representing that they have obtained the written consent from any individuals identified in the Proposal, to the use of their Personal Information in the Proposal by the Proponent, the Proponent’s



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

employees, subcontractors and agents, to enable the Village to evaluate the Proposal, to verify professional standing and to conduct reference checks, if needed, and for other program purposes of the Village. This consent specifies to whom the Personal Information may be disclosed and how the information may be used. The Proponent shall provide such consents to the Village for confirmation and review upon the Village's request. The Proponent may contact the Village Office regarding any questions about the collection of information pursuant to the RFP.

**4.6 Proposal Assignments**

The Successful Proponent will not be permitted to assign or transfer any portion of the Proposal as submitted or the subsequent agreement without prior written approval from the Village.

**4.7 Failure to Perform**

Failure to comply with all terms and conditions of this Proposal, and failure to supply all documentation, as required herein, shall be just cause for cancellation of the award. The Village shall then have the right to award this contract to any other Proponent or to re-issue this RFP.

**4.8 Insurance Requirements**

Not applicable.

**4.9 Indemnification**

The successful Proponent shall indemnify and hold harmless the Village of Masset, their officers, Council, Employees and volunteers from and against any liabilities, claims, expenses, demands, loss, cost, damages, suits or proceedings by whomsoever made, directly or indirectly arising directly or indirectly by reason of a requirements of this agreement save and except for damage caused by the negligence of the Village or their employees.

**4.10 Disqualification**

The Village may, in its sole discretion, disqualify a Proposal, reverse its decision to identify a Proponent as a Successful Proponent or cancel its decision to make an award under this RFP, at any time prior to the execution of the Agreement by the Village if,

- the Proponent fails to cooperate in any attempt by the Village to verify any information the Proponent in its Proposal;
- the Proponent submits more than one Proposal per Person or Entity;
- the Proponent fails to comply with the laws of British Columbia or of Canada, as applicable;
- the Proposal contains false or misleading information;
- the Proposal, in the opinion of the Village, reveals a material conflict of interest;
- the Proponent misrepresents any information contained in its Proposal.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

4.11 **Record and Reputation**

Without limiting or restricting any other right or privilege of the Village and regardless of whether or not a Proposal or a Proponent otherwise satisfies the requirements of this RFP, the Village may disqualify any Proposal from any Proponent, where;

- In the opinion of the Village's lawyer or Chief Administrative Officer for the Village, the commercial relationship between the Village and the Proponent has been impaired by the prior and/or current act(s) or omission(s) of each Proponent, including but not limited to:
  - a) Litigation between the Proponent and/or any Project Team member and the Village;
  - b) The failure of the Proponent to pay, in full, all outstanding accounts due to the Village by the Proponent after the Village has made demand for payment;
  - c) The refusal by the Proponent or any Project Team member to follow reasonable directions of the Village or to cure a default under a contract with the Village as and when required by the Village or the Village's representatives;
  - d) The Proponent has previously refused to enter into an Agreement with the Village after the Proponent's Proposal was accepted by the Village;
  - e) The Proponent or any Project Team member has previously refused to perform or to complete performance of contracted work with the Village after the Proponent was awarded the contract;
  - f) Act(s) or omission(s) of the Proponent or any Project Team member has resulted in a claim by the Village under a bid bond, a performance bond, a warranty bond or any other security required to be submitted by the Proponent on an RFP within the previous five years.
- In the opinion of the Council and/or the Chief Administrative Officer of the Village, or their designate, there are reasonable grounds to believe that it would not be in the best interests of the Village to enter into an Agreement with the Proponent, for reasons including but not limited to the conviction or finding of liability of or against the Proponent or its officers or directors and any associated entities under any taxation legislation in Canada, any criminal or civil law relating to fraud, theft, extortion, threatening, influence peddling and fraudulent misrepresentation, the Environmental Protection Act or corresponding legislation in other jurisdictions, any law regarding occupational health or safety or the Securities Act or related legislation.

4.12 **Proponent's Costs**

- a) The Proponent shall bear all costs and expenses incurred by the Proponent relating to any aspect of its participation in this RFP process.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

- b) The Village is not liable to pay such costs and expenses or to reimburse or compensate a Proponent under any circumstances, regardless of the conduct or outcome of the RFP Process, including the rejection of all Proposals or the cancellation of the RFP, and including any negligence of the Village in the conduct of the RFP process.

4.13 **Legal Matters and Rights of the Village**

- a) This RFP is a request for proposals in respect of the goods and/or services and is not a tender. Neither the RFP Documents nor the submission of any Proposal in response to the RFP Documents, shall in any way whatsoever, create a binding agreement between the Village and any Proponent. For clarity, these RFP Documents are not intended to be an offer to enter into either a bidding contract (often referred to as “Contract A”) or a contract to carry out the project (often referred to as “Contract B”). Neither this RFP nor the submission of a Proposal by a Proponent shall create any contractual rights or obligations whatsoever on the Proponent or the Village. No agreement of any kind shall exist between the Successful Proponent and the Village until a final agreement, if any, has been formally executed by all parties (the Successful Proponent and the Village).

The Village may at its/their sole or joint discretion change or discontinue this RFP process at any time whatsoever. The Village may in its/their sole or joint discretion enter into negotiations with any person, whether or not that person is a Proponent or a Short-Listed Proponent with respect to the work that is the subject of this RFP.

- b) The Village may at its/their sole or joint discretion decline to evaluate any Proposal that in the Village’s opinion is incomplete, obscure or does not contain sufficient information to carry out a reasonable evaluation.
- c) Without limiting the generality of the RFP, the Village may at its sole or their joint discretion and at any time during the RFP process;
  - reject any or all of the Proposals;
  - accept any Proposal;
  - accept part of any Proposal;
  - if only one Proposal is received, elect to accept or reject it;
  - elect not to proceed with the RFP;
  - alter the timetable, the RFP process or any other aspect of this RFP; and
  - cancel this RFP and subsequently advertise or call for new Proposals for the subject matter of this RFP.
- d) In addition to and notwithstanding any other term of this RFP, the Village shall not be liable for any damages resulting from any claim or cause of action, whether based upon an action or claim in contract, warranty, equity negligence, intended conduct or otherwise, including any action or claim arising from the acts or omissions, negligent or



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

otherwise of the Village and including any claim for direct, indirect or consequential damages, including but not limited to damages for loss of profit, loss of reputation, injury to property and bodily injury that results from the Proponents' participation in the RFP process, including but not limited to;

- the disclosure of a Proponent's confidential information;
- the costs of preparation of a Proponents Proposal, whether it is accepted, disqualified or rejected;
- any delays, or any costs associated with such delays, in the RFP process;
- any errors in any information supplied by the Village to the Proponents;
- the cancellation of the RFP; and
- the award of the contract to a Proponent other than the Proponent recommended by the Proposal Evaluation Committee/staff.

4.14 **Clarification**

The Village may:

- require the Proponent to clarify or verify the contents of its Proposal, including by the submission of supplementary documentation, or
- seek a Proponent's acknowledgement of the Village's interpretation of the Proponent's Proposal.

The Village is not obliged to seek clarification of any aspect of a Proposal.

Any written information received by the Village from a Proponent pursuant to a request for clarification or verification from the Village as part of the RFP process may, in the Village's sole discretion, be considered as an integral part of the applicable Proposal.

4.15 **Supplementary Information**

The Village may, in its sole discretion, request any supplementary information whatsoever from a Proponent after the submission deadline including information that the Proponent could or should have submitted in its Proposal prior to the submission deadline. The Village is not obliged to request supplementary information from a Proponent.

4.16 **Application of Proponents' Obligations**

Where the Proponent has obligations to conduct itself in accordance with requirements set out in the RFP Documents or where the Proponent's rights or remedies have been limited by the RFP Documents, such obligations and limitations apply to the Proponent itself, any members of the Project Team and any of their respective employees, consultants, advisors and representatives. For clarity, the Proponent is obligated to ensure that the Project Team members and the employees, consultants, advisors and representatives of the Proponent



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

and the Project Team members comply with the requirements imposed on the Proponent pursuant to the RFP Documents.

4.17 **Conflicts of Inconsistencies in Documents**

For the purpose of the RFP process, if there are any conflicts or inconsistencies among the terms and conditions of the RFP Documents the following shall apply:

- in respect of matters of interpretation related to the RFP process and all competitive procurement process matters, this RFP shall prevail over the appendix to this RFP; and
- in respect of all matters of interpretation of the nature of the Goods and/or Services and the Agreement between the Village and the Proponent, the Agreement shall prevail over this RFP and all other Appendices to this RFP; and
- for the purpose of resolving conflicts or inconsistencies among the documents that constitute the Agreement, the provisions of the Agreement dealing with conflicts or inconsistencies shall govern.



REQUEST FOR PROPOSAL NO. 2021-4  
Masset Airport 4x4 Plow Truck

## SECTION 5.0 - FORM OF PROPOSAL

### DECLARATION

I/We the undersigned authorized signing officer of the Proponent, HEREBY DECLARE that no person, firm or corporation other than the one represented by the signature (or signatures) of proper officers as provided below, has any interest in the Proposal.

I/We further declare that all statements, schedules and other information provided in this Proposal are true, complete and accurate in all respects to the best knowledge and belief of the Proponent.

I/We declare that this Proposal is made without connection, knowledge, comparison of figures or arrangement with any other corporation, firm, partnership or persons making a Proposal and is in all respects fair and without collusion for fraud.

I/We further declare that no employee of the Village is or will become interested, directly or indirectly as a contracting party or otherwise in the supplies, work or business to which it relates or in any portion of the profits thereof, or in any such supplies to be therein or in any of the monies to be derived there from.

I/We further declare that the undersigned is empowered by the Proponent to negotiate all matters with the Village's representatives, relative to this Proposal.

I/We further declare that the agent listed below is hereby authorized by the Proponent to submit this Proposal and is authorized to negotiate on behalf of the Proponent.

I/We further agree in submitting this Proposal, we recognize the Village may accept any Proposal in whole or in part, or elect to reject all Proposals.

I/We are familiar with the various terms and conditions of the proposal process and that the attached proposal submission is fully compliant with the requirements stated in the Request for the Proposal documentation.

### **ACKNOWLEDGEMENT OF ADDENDA**

I/We have received and allowed for **ADDENDA NUMBER** None in preparing my/our Proposal.  
Insert #'s or "none"

Aebi Schmidt Canada Inc.  
Company Name  
Dave Nieuwkerk  
Signature

Dave Nieuwkerk  
Print Name

**NOTE: Failure to sign this page and return with your submission will result in non-acceptance of your submission.**



## RETURN ADDRESS LABEL

Place this label on the front of the sealed envelope containing your Proposal.

**FROM:** Aebi Schmidt Canada Inc  
1186 route 321 Nord C.P. 5040  
St-Andre-Avellin, QC, J0V 1W0

**Contact:** Dave Nieuwkerk

## DELIVER PROPOSAL TO:

**Village of Masset  
P.O Box 68  
Masset, BC V0T 1M0  
Attn: Alan Smith, Chief Administrative Officer**

**Description:** RFP No.: 2021-4  
Masset Airport 4x4 Plow Truck  
**Closing Date:** Dec 15, 2021, 2021 @ 4:00 p.m. (local time)

*Late proposals will NOT be accepted.*

THE MASSET AIRPORT  
TENDER #  
FOR THE SUPPLY OF (1) 4X4 SINGLE AXLE PLOW TRUCK

1. Scope of Work

The Masset Airport is requesting tenders for the supply of one (1) 4x4 Single Axle Plow Truck as per the specifications contained herein.

To receive consideration, tenders must be submitted on the tender forms supplied and, in an envelope, provided plainly marked "Airport 4X4 Single Axle Plow Truck".

The lowest or any tender not necessarily accepted.

2. Delivery and Opening of Tenders

Tenders sealed in an envelope, plainly marked "Airport 4x4 Single Axle Plow Truck", will be received by the Masset, no later than 100 p.m., local time on Dec. 10, 2021.

A public tender opening will take place at 100 p.m., Dec. 10, 2021 in the Masset Village Office.

3. Disqualification of Tenders

Under no circumstances will tenders be considered which: a. are received after 100 p.m. on the advertised closing date for tenders and in the tender envelope provided.

4. Withdrawal or Qualifying of Tenders

A tenderer who has already submitted a tender may submit a further tender at any time up to the Official closing time. The last tender received shall supersede and invalidate all tenders previously submitted by the tenderer for this Contract.

5. Informal or Unbalanced Tenders

Tenders which are incomplete, conditional, illegible, or obscure, or that contain additions not called for, reservations, erasures, alternations or irregularities of any kind may be rejected as informal.

Tenders that contain prices which appear to be so unbalanced as likely to affect adversely the interests of The Masset Airport may be rejected.

Wherever in a tender the amount tendered for an item does not agree with the extension of the estimated quantity and the tendered unit price, the unit price shall govern and the amount and the Total Tender Price shall be corrected accordingly.

The Masset Airport reserves the right to waive formalities at his discretion. Tenderers who have submitted tenders that have been rejected by The Masset because of informalities will

normally be notified of the reasons for the rejection within ten (10) days after the closing date of tenders.

#### 6. Tender

Each tender shall include a completed Form of Tender. The complete written tender documents must be submitted as a tender and the Form of Tender must not be separated nor removed from the other documents therewith. The tenderer shall give the total tender price in figures and shall fill in all blank spaces for unit prices, item prices, lump sums, time for completion and other information in the Form of Tender.

#### 7. Acceptance or Rejection of Tenders

The Masset Airport reserves the right to reject any or all tenders in the best interest of the Airport. The lowest or any tender will not necessarily be accepted.

#### 8. Material

All material provided is to be new and conform to the specifications herein.

#### 9. Terms of Payment

Upon receipt payment will be made within 30 days of receipt of the invoice. Tender and Specification Document – 4x4 Single Axle Airport Plow Truck

☒ Pricing All bids must be in Canadian funds FOB Massett Airport, taxes shown as extra.

☒ Evaluation The following factors will be taken into consideration in the evaluation of the Tender: 1. Specifications 2. Delivery Date 3. Green or Environment Friendly technology – Bidders are to list all options available with descriptive literature and pricing (use a separate sheet if necessary)

☒ Funding ~~NEE~~ ~~VEE~~ Village of Masset.

☒ Delivery State earliest date for delivery EACH. ~~VEE~~

☒ Equivalent Substitute Products equivalent in form, fit, function and quality will be considered only if the Bidder: (1) designates the trade reference of the substitutes and the name of the manufacturer, (2) strikes out the trade reference specified and the words "or equal", and (3) provides complete specifications and descriptive literature for the substitutes. The Bidder warrants that proposed equivalent substitutes will be fully interchangeable with the trade reference specified.

☒ Omission - The Masset Airport reserves the right in its sole discretion to accept or reject all or part of any bid which is non-compliant with the requirements of this invitation.

☒ Influence No person, company, Masset Airport or organization shall attempt in any way, either in private or in public, to influence the outcome of any Masset Airport purchasing or disposal process. The bid, quotation or proposal of any person, company, corporation or organization that does attempt to influence the outcome of any purchasing or disposal process will be disqualified, and the person, company, corporation or organization may be subjected to exclusion or suspension from future tender.

17. Contact Until this Tender has been awarded, all contact regarding this Tender must be communicated directly through Airport Manager only. Please do not contact other staff. If you have any questions or comments, please do not hesitate to email [doug.francoeur@tetrattech.com](mailto:doug.francoeur@tetrattech.com).

18. Authorization Name of Firm

<del>XXXXXXXXXX</del>	Address
<del>ABC</del>	Name of Individual
<i>Dave Nisuwkark</i>	Authorized Signature
<del>WZYW</del>	Telephone and Fax
<del>DE</del>	Date
<del>Z&amp;WEXrö</del>	Tender and

#### GENERAL

1. The specifications contained herein describe in detail the above referred to requirements in specific detail even to the extent that a specific project, brand or make or manufacturer may be stated.
2. The purpose of this specification is to establish a minimum acceptable quality standard of equipment, product, function or design and bidders must respond accordingly and bid on products or equipment that meet or exceed the minimum specification.
3. The name of the manufacturer, trade name or catalogue number mentioned in this tender is for the sole purpose of designating a minimum standard of quality and type and for no other reason. Such references are not intended to be restrictive. Bids will be considered for any brand or construction, which meets or exceeds the quality of specifications listed for the respective items.
4. Some variations from this specification may be accepted provided these variations are, of a minor nature and will not adversely affect the performance of the equipment. Any variances to the specifications listed below must be stated in writing and shall be reviewed by the Airport to determine their acceptability. The acceptability and determination of compliance to the specifications herein shall be the sole decision of the Masset Airport.
5. Where these specifications list only the major significant details of the unit(s) or equipment required, it is the bidders/suppliers responsibility to provide a unit or the equipment fully equipped for its intended use, with compatible components to provide dependable and efficient service and performance.
6. Where minimum or maximum requirements are specified within the various sections of the specifications, the item(s) offered must be within these limits and, unless what is offered meets the intent of the item(s) in the specifications, in the sole judgment of the Masset Airport, the bid will be rejected as non-compliant.
7. In the event the bidder's response to the item(s) specified is not clear as to compliance with the specifications, or is unanswered or unspecified, the Airport of the bidder may request clarification, and such clarification is to be confirmed in writing. Changes that affect the intent of the specifications or the price(s) bid will not be acceptable.
8. All equipment offered shall be new and a current standard production unit, excepting as modified by the Airport's specifications.

9. Equipment shall be of proven performance. Satisfactory evidence may be requested that the equipment has been satisfactorily operated for not less than one year or one or more seasons as appropriate in an environment in other municipalities or locations with a similar environment to the Village of Masset and under comparable operating conditions. Prototype equipment or units, demonstrators or discontinued models will not be considered or accepted.
10. If requested, bidders or potential bidders must be prepared to supply and demonstrate the equipment proposed or offered on short notice.
11. The Airport reserves the right to reject any Tender that offers equipment or products that are not available for demonstration within a reasonable period i.e. five working days, or that have not been demonstrated to the satisfaction of the Airport.
12. The Airport will not be responsible for or assume any costs of equipment or product demonstrations or liabilities resulting there from.
13. It is the intent of the Masset Airport to award this tender to the lowest responsive bidder.

In order to achieve this award, the following criteria may be utilized by the Masset Airport to evaluate all tenders submitted. If requested, bidders shall arrange for a demonstration of the product offered within five (5) days of request, at no cost to the Airport. It is understood the unit offered for evaluation may not exactly match the requirements detailed herein; however, the unit shipped must meet all specification requirements. The unit offered for demonstration shall be delivered to a site designated by the Airport and be available for at least five (5) working days for evaluation. The Airport shall not be liable for any damage or loss to the equipment occurring during the evaluation period except for those items, which are under the care, custody or control of the Village of Masset.

If requested, bidders shall submit copies of the operator, maintenance and parts manual(s) for the equipment offered for evaluation, within five (5) working days of request, at no cost to the Airport.

## SCOPE

- 1.1 Scope – Supply one Snow Plow truck as noted in the request for proposal. The requirement is for a 6 cubic meter (8 Cu Yd) capacity, 19,505 Kg (43,000 LB) GVWR, 4 x 4 Plow truck complete with a two way snow plow.

All items noted in sections 1 through 8 of this specification are to be included in the basic configuration. SPECIFY THE ACTUAL COMPONENTS SUPPLIED, AND THEIR RATED CAPACITIES, FOR THE UNITS TENDERED. NOTE IN DETAIL ANY DEVIATIONS FROM THE SPECIFIED ITEMS.

## 2.0 GENERAL REQUIREMENTS

2.1 Standard Requirements - The vehicle(s) supplied under this specification shall be the manufacturer's latest model standard commercial product and shall have demonstrated industry acceptance by having been manufactured and sold in significant numbers to the commercial trade and shall have been proven in service for the application specified, for at least 1 year prior to the request for proposal.

### PROVIDE DETAILS:

2.2 Overview - The vehicle(s) supplied under this specification is to be, four wheel drive truck(s) embodying an automatic transmission, a diesel engine, and a tilt forward hood. The vehicle(s) supplied are to 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: ~~BUICK~~

MODEL: ~~LE~~

2.3 Operating Conditions - The vehicle(s) supplied must be capable of operating without failure of components when loaded to the maximum GVW specified. The vehicle must be capable of satisfactory operation in ambient temperatures down to -40 degrees Celsius.

COMPLY: ~~z~~

2.4 Mandatory Items - Items noted in the specification as "shall be, must be, to be, minimum, and maximum are mandatory requirements". No deviations will be accepted for these items.

2.5 Responses – Any responses noted as approximately will be interpreted as "ACTUAL". Any non-completed areas will be interpreted as non-compliance.

### 3.0 REGULATIONS AND STANDARDS

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

3.2 Highway Traffic Act - The vehicle(s) supplied shall comply in all respects with the Highway Traffic Act or regulations for the province in which it is to operate.

COMPLY: ~~z~~

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

COMPLY: ~~z~~

3.4 Society of Automotive Engineers - All notations in this specification indicating SAE refer to the most recent specification in effect by the Society of Automotive Engineers.

COMPLY: ~~z~~

### 4.0 DELIVERY - FOB to Masset Airport

4.1 Pre-delivery – A pre-delivery service shall be completed by a vehicle manufacturer's dealer located within 200 kms of the operating site. The dealer providing the pre-delivery service must provide, upon request, all post delivery services including normal maintenance, warranty, etc.

PDI DEALER: ~~Zs/DE/YhDK/XX~~

ADDRESS: ~~'ZEzUYrd(AoZApow/1000000~~

4.2 Distance - The vehicle(s) are to be delivered to the final destination with a maximum of 1000 km on the odometer. The method of delivery and costs are to be noted on the proposal.

PROVIDE DETAILS: ~~Zs/DE/YhDK/XX~~

4.3 Documentation - All necessary documentation (origin certificate, weight ticket, or new vehicle information statement, etc.) required for licensing the vehicle for road use, by the issuing provincial

authority, shall be provided to the consignee when the unit is delivered.

COMPLY: z•

4.4 Inspection – The prime contractor is responsible to ensure that the vehicle(s) are thoroughly tested, inspected, and that all deviations are corrected prior to delivery. A final inspection shall be completed by the consignee at time of delivery.

COMPLY: z•

4.5 Delivery- The prime contractor is responsible to provide an in-service training at the Masset Airport on Delivery for both the truck and accessory equipment, Plows and Dump Box.

AGREE: z•

## 5.0 WARRANTY AND MANUALS

5.1 Manuals - Provide one copy of the service and parts manuals for each truck chassis. Provide one copy of the manufacturer's maintenance and parts manuals for the transmission, engine, front axle, rear axle, snow plow and dump box. All manuals are to be delivered with the truck. Manuals can be provided in an electronic format or a direct link to the manufacturer's website.

COMPLY: z•

5.2 Warranty period - Provide warranty on all components and repair labour from the date the unit is initiated into service.

PROVIDE DETAILS OF ALL WARRANTIES: z•

5.3 Warranty claims - If dealer requested warranty repairs have not commenced within a 48 hour period, the consignee reserves the right to complete repairs and bill the vehicle manufacturer for the repair parts and labour in accordance with their standard repair time and rate. If equipment is out of service for greater than 48 hours, a replacement vehicle, at our discretion, will be supplied at the suppliers cost.

AGREE: z•

5.4 Dealer – Specify the dealer responsible for performing any required warranty repairs, and provide the name and phone number of the person to be contacted should warranty repairs be required.

DEALER: z•

CONTACT: z•

PHONE: z•

## 6.0 CAB AND CHASSIS

### 6.1 G.V.W.R.

6.1.1 The minimum gross vehicle weight rating shall be 19,505 Kg (43,000 LB).

ACTUAL GVWR: z•

6.2 Chassis Dimensions 6.2.1 Cab to axle to be a minimum 2133 mm (84 in) to suit a 3048 mm (10) ft Dump Box. ACTUAL CA: 6.2.2 Cab dimensions, Bumper to Back of Cab to be 2794mm to 2900mm (110 in)

to 114 in).

ACTUAL BBC: 114 inch

6.2.3 Wheelbase to be 3605mm to 3935mm (142 in to 155 in).

ACTUAL WB: 173 inch wheelbase

6.2.4 Mandatory maximum Turning Radius to be 8.5 M (28 Ft) to centerline of front tire as per SAE J695.

ACTUAL TR: 27.5 ft.

### 6.3 Engine

6.3.1 Engine to be a diesel. The engine must have wet sleeve replaceable cylinders liners.

ENGINE MAKE AND MODEL: Detroit DD13

6.3.2 Minimum power output to be 310 Hp at the manufacturer's recommended maximum rpm per SAE-J1349. Minimum torque to be 1050 Ft-lb at 1200 RPM.

ACTUAL HP: 470 HP @ 1625 RPM

ACTUAL TORQUE: 1,650 LB-FT @ 975 RPM

6.3.3 Oil filter to be a full flow type, incorporating a replaceable element.

COMPLY: Yes

6.3.4 Provide a full flow, heated, fuel filter/water separator incorporating a replaceable element.

COMPLY: Yes

6.3.5 Provide a two stage inside/outside intake air cleaner complete with in-cab air restriction gauge.

COMPLY: Yes

6.3.6 The radiator is to be a severe duty type. Coolant protection to -40 C to be provided.

COMPLY: Yes, coolant to -60 F (-51 C)

6.3.7 The engine fan is to incorporate a thermostatically controlled fan clutch, if not air to air engine.

PROVIDE DETAILS: Thermostatically controlled fan clutch

6.3.8 All radiator and heater hoses are to be silicon type. All hose clamps MUST be silicon hose. No deviations accepted.

COMPLY: Yes

6.3.9 Provide an engine coolant filter with replaceable cartridges.

COMPLY: Coolant filter not standard and not recommended

6.3.10 Provide a fast idle switch capable of maintaining a constant engine speed of 1200 RPM. The fast idle system must only operate with the transmission in neutral.

COMPLY: Yes

### 6.4 Transmission

6.4.1 The vehicle is to incorporate an Allison automatic transmission RDS series. The transmission is to have a minimum of five forward speeds, with 3rd gear hold.

TRANSMISSION MAKE AND MODEL: Allison 4500 RDS

6.4.2 Provide an automatic safety device to ensure that the truck engine can only be started in neutral range, and the range selector cannot be inadvertently shifted into reverse.

COMPLY: z•

6.4.3 Shift control quadrant to be illuminated.

COMPLY: z•

6.4.4 Provide a transmission oil cooler.

COMPLY: z•

## 6.5 Suspensions

6.5.1 Both the front and rear springs are to be progressive, heavy duty type. Front rating to be a minimum of 9,072Kg (20,000 lbs), rear 10432KG (23,000 lbs).

FRONT RATING: ~~UdWZ&&ZKEdHWE/KE~~

REAR RATING: ~~U&d&WZ/E'ZZHWE/KEt/d,,WZEZ/hZK~~

6.5.3 Shock absorbers to be supplied on the front axle.

PROVIDE DETAILS & ~~PROVIDE~~

## 6.6 Drive Line

6.6.1 Minimum Spicer 1710HD series (or equivalent) drive shaft(s) and universal joints.

MAKE AND SERIES: ~~Dy&DZ/dKZydEhD/EZ/s/E~~

6.6.2 Provide visible oil seal caps on the front axle.

ACTUAL: & ~~PROVIDE~~

## 6.7 Frame

6.7.1 Full depth, heavy duty, reinforced frame having a minimum RBM of 2.8 million in-lbs at any location. The frame must be reinforced the entire length.

COMPLY: z•

6.7.2 Provide for the installation of a front mounted PTO pump, driven from the engine crankshaft.

COMPLY: ~~DO NOT PROVIDE~~

## 6.8 Axles

6.8.1 The front axle to have a minimum capacity of 9,072Kg (20,000 LB).

ACTUAL: ~~DdrUFE'&ZKEdZ/sy>~~

6.8.2 The front axle is to be set back a minimum of 1016 mm (40").

SET BACK DIMENSION: ~~0-~~

6.8.3 The rear axle to have a minimum capacity of 10,432 Kg (23,000 LB).

ACTUAL: ~~ZrTDrZrZ/E'ZZy>~~

6.8.4 Axle ratio to be provided to allow for an approximate road speed of 90 KPH.

AXLE RATIO: ~~WZyZd/K~~

TOP SPEED: ~~W,~~

6.8.5 Provide power operated, driver controlled, traction lock rear differential, with dash mounted switch and light.

PROVIDE DETAILS: Z/sZKEdZK/ &&ZEd/k<

## 6.9 Wheels

6.9.1 Front rims to be 12.25 x 22.5.

FRONT RIM SIZE: Kp/Kr/hW/kdr/EhD/&ZKEdt, >

6.9.2 Rear dual rims to be 8.25 x 22.5.

REAR RIM SIZE: hZ/Dr/dByr/hW/kdr,EhD/EhD/ZZt, >

6.9.3 Both front and rear wheels to be bud type.

COMPLY: z•

6.9.4 The wheels shall comply with the axle manufacturer's rating for imposed loads and operating conditions.

FRONT WHEEL RATING: REAR WHEEL RATING: E/4UZB/PyP

6.9.5 Provide one front spare rim fitted with a front tread type tire as noted in section 6.10.2 of this specification.

COMPLY: z•

6.9.6 Provide one rear spare rim fitted with a rear tread type tire as noted in section 6.10.1 of this specification.

COMPLY: z•

## 6.10 Tires

6.10.1 Rear tires to be 16 ply on/off road, radial type, 11R 22.5 Michelin XDL or Goodyear or equivalent.

MAKE AND TYPE: 6.10.2 Front tires to be 20 ply on/off road radial type, 425/65R 22.5 Michelin XZY or Goodyear G286 or equivalent.

MAKE AND TYPE: D/, &Ey&DkN/zZ/&ZKEdd/Z^  
D/, &EyDhd/Z&D/zZ/ZZd/Z^

## 6.11 Steering

6.11.1 Integral power steering with a right side slave or ram. Tilt steering column.

PROVIDE DETAILS: dZtdr/KtZdZ/E't/d,Z,by/hZz'Z  
\$BEPuv

## 6.12 Fuel Tank

6.12.1 Capacity to be not less than 220 Liters. Left hand side mounted under cab c/w powder coated paint.

CAPACITY AND LOCATION: K&EIdZhd/EhD&hdEr,&ZKEd

## 6.13 Exhaust

6.13.1 Vertical exhaust pipe equipped with an elbow. Tail pipe and tail pipe guard frame mounted right side under cab.

COMPLY: z•



magnetic unit. External speaker required in cab.

COMPLY: z•

PRICE: U\$

PROVIDE DETAILS: /KDrī

#### 6.16 Cab

6.16.1 Fully insulated metal cab and engine cover insulator equipped with maximum capacity fresh air intake heating and defrosting system, with air intake protected from the ingress of rain and snow.

PROVIDE DETAILS: dEZ,shd/E't/d,EkT,/&KZ&Z,/>Z/Ed<

6.16.2 The cab heating system shall have sufficient capacity to maintain the cab interior at 13 C with an ambient temperature of -40 C.

COMPLY: z•

6.16.3 Cab access handles, to be installed on both right and left hand sides of the vehicle exterior, as well as interior door access handles.

COMPLY: z•

6.16.4 Provide the heaviest duty, variable speed electric wipers. The wipers must be complete with automatic park capability. Wet blade type windshield washers preferred. Snow Blades.

WIPER TYPE: /E't/E,/>WZDKdKZWZK'ZDDdKt/dWt/d,WZZd

WASHER TYPE: tdt,ZdzWU,dt/WZWZt/E,/>

COMPLY: z•

6.16.5 A maximum sound proof insulation package shall be fitted to provide the lowest possible interior sound level. Interior sound level shall not exceed 83 dBA when measured in accordance with SAE J336; the constant speed moving test shall be conducted on bare asphalt with the vehicle moving at maximum governed speed in third gear.

COMPLY: z•

6.16.6 Hood to be a tilt forward type having both a stationary grill and side access hatches to permit easy access to the engine.

COMPLY: z•

6.16.7 Provide a driver and passenger sun visor.

COMPLY: z•

6.16.8 Driver's high back, cloth, air-ride suspension seat. Single passenger seating to be provided.

TYPE: WZD/hD/Z/E',hE,/,/ZhWE/KEZ/sZdt/d,/>ZbDZU/Ed'Zd

h,/>KEydE/KEUd/dE:hdK<

6.16.9 Provide power windows with the controls at the driver's side.

COMPLY: z•

6.16.10 Dual west coast type, heated mirrors: minimum 178 X 406 mm (7 X 16 in), with built-in clearance lights. Minimum 8 inch convex mirrors to be supplied on each side.

PROVIDE DETAILS: htKdZ/'d&/E,/>dD/ZZKZt/d,/>Z,ZDKd

/EZ,/>Z,/'d&/E,/>KESyD/ZZKZDKhEdhEZWZ/DZzD/ZZKZ^

COMPLY: ΕΙΡΕΝΗ

COMPLY:  $z \bullet$

6.17.1 The cab and dump box are to be painted with Epoxy, Polyurethane or Imron type paint or equivalent. Paint colour standard White, Orange or Red. Or manufacturers closest equivalent.

### 6.18 Instruction Identification

COMPLY: z•

Model: ~~WšEjHjDpZDřčřVš~~

Price: /volume

7.1.1 These specifications describe a 6 cubic meter (8 Cu Yd) capacity all season dump body complete with side boards. PROVIDE DETAILS: hDWKydE' yd/s

7.1.2 The bidder if requested must be able to provide name and contact information of at least three(3) airports or municipalities who currently own and operate the same make and model of dump body that the bidder is offering in the tender submission.

## 7.2 Demonstration

COMPLY: ~~ENBAHU (V)oyš~~

7.3.1 The tailgate is to be a minimum of 1066 mm (42 in) high.

PROVIDE DETAILS: ~~ŽPZŠ~~ PŠ

COMPLY: z•

7.3.3 The sides, tailgate and header must be constructed utilizing minimum 10 gauge steel. The floor must be a minimum of 3/16 inch Cor-ten Steel

COMPLY: ~~TYPE~~

7.3.4 The body sub-frame consists of two trapezoidal long members, welded directly to the underside of the floor plate. All components shall be box section type and fully sealed against moisture. COMPLY: z•

7.3.5 The body shall incorporate an air operated double acting locking tailgate with combined spreader and drop chains. Ladders shall be provided on both sides of the box.

COMPLY: z•

7.3.6 The header shall incorporate a cab shield, which extends to a minimum of 13 inches.

COMPLY: ~~z•~~

7.3.7 All Stop, Tail and Clearance lights shall be LED style, recessed, and protected from damage. All wiring shall be installed inside of loom and fastened securely to the body.

COMPLY: z•

7.3.8 Provide four mud flaps. The mud flaps shall not "sail" more than 30 degrees from the vertical.

COMPLY: z•

7.3.9 Heavy duty telescopic front mounted lift hoist to be installed; tipping angle to be a minimum of 50 degrees; Dump box hoist to have a minimum capacity of 20,320 Kg (20 ton).

COMPLY: z•

7.3.10 Provide a self-storing, locking bar, which is capable of safely supporting the dump box allowing the hoist to be serviced.

PROVIDE DETAILS: ~~SEE~~

7.3.11 The inside walls of the dump box must be vertical and at a 90 degree angle to the floor.

COMPLY: z•

7.3.12 The hoist controls are to be mounted in the cab allowing easy access for operation by the driver, when combined with the snow plow controls. The hoist control switch must be a detent type with protective shield to prevent unintentional operation.

COMPLY: z•

7.3.13 Pintle hook to be Holland PH-400 air operated, or equivalent, suitably reinforced to the frame with provisions for safety chains.

PROVIDE DETAILS: ~~SEE~~

7.3.14 Provide fire extinguisher mounted on driver's side of dump box.

PROVIDE DETAILS: ~~SEE~~

## 7.4 Welding/Construction

7.4.1 All welding is to be continuous. Welds shall be neat and smooth and weld penetration shall provide for maximum design strength without failure through the base metal junction.

COMPLY: z•

## 8.0 PLOW SPECIFICATIONS

### 8.1 Mounting System

8.1.1 Supply and install hydraulically operated tilting front plow push frame, complete with frame reinforcements, Tyrone(or similar) dry mode front crankshaft driven pump, and in cab feathering type air/hydraulic controls. Must be capable of operating a two way snow plow. The plow push frame must be a hydraulically operated tilting system allowing the hood to be tilted forward. The operation of tilting the push frame forward must be completed by the operator from the inside of the cab.

PROVIDE DETAILS: Low mount hitch for hood clearance, Transmission mounted PTO pump, fully electronic feathering hydraulic controls.

8.1.2 The operation of tilting the plow push frame must be completed without the need to disconnect the plow blades or hydraulic hoses.

COMPLY: Yes, low mount style hitch without the requirement to tilt forward for hood clearance

8.1.3 Provide a minimum of two LED headlights mounted to the top of the plow push frame. COMPLY: Yes

8.1.4 Provide a chassis mounted minimum 90 Liter (20 gallon) hydraulic oil tank, complete with oil shut off valve and filter assembly.

PROVIDE DETAILS: Frame mount LS1 frame mount 30 gallon hydraulic tank

8.1.5 Re-install the vehicles front bumper in its original position with the center section removed to clear plow push frame.

COMPLY: Yes

## TWO WAY PLOW

### 8.2 Dimensions

8.2.1 The plow is to have a minimum length of 3962 mm (13ft).

ACTUAL: 20 ft moldboard length

8.2.2 Intake blade height to be a minimum of 26 inch

ACTUAL: 42" height straight blade plow

8.2.3 Discharge blade height to be a minimum of 55 inch.

ACTUAL: 42" height straight blade plow

### 8.3 Blade Assembly

8.3.1 Pivoted, adjustable blade assembly which can be readily detached from the frame.

MAKE AND TYPE: ELP 633 Series

8.3.2 The moldboard must be covered with a Polymer liner.

ACTUAL THICKNESS: 3/8" poly liner

8.3.3 The moldboard must be complete with a replaceable carbide tip cutting edge.

COMPLY: Yes

8.3.4 Provide an adjustable safety trip device to cushion the tripping actions at all speeds. The plow blade must return to the normal plowing position.

PROVIDE DETAILS: ~~None~~

8.3.5 Provide a minimum of two oscillating shoes to carry the plow.

PROVIDE DETAILS: ~~None~~

8.3.6 Provide positive vertical shoe adjustment.

PROVIDE DETAILS: ~~None~~

8.3.7 Provide a snow deflector to prevent snow from blowing over the blade while plowing.

PROVIDE DETAILS: ~~None~~

8.3.8 The moldboard brace rod shall be adjustable from 45 to 55 degrees.

COMPLY: ~~None~~

## 9.0 REFERENCES

9.1 List three (3) airports who have been using the plow offered in this tender for a minimum period of one year.

COMPLY: ~~None~~

Name of Airport Contact Name Length of Time in Service For

~~None~~

~~None~~

~~None~~

~~None~~

Specify Model, Price Table Total Truck Price before taxes delivered PST, GST & Total Price

\*Please note lowest tender not necessarily accepted.

~~None~~



# QUOTATION: 0124632



**Équipements Lourds Papineau Inc.**  
1186, route 321 Nord C.P. 5040  
St-André-Avellin (Qc), J0V 1W0 | Canada  
Tel: +1 819 983 5000 | Fax: +1 819 983 5555  
www.elp.ca

For
9 L O O Z D D V V H W 3 2 % R [ 0 D V V H W % & 09 7

Ship to
0 D V V H W \$ L U S R U W 0 D V V H W % &

Cust. no.	Contact person	Salesman	Date		
7055632215	\$ O D Q 6 P L W K	' D Y H 1 L H X Z A H F l a n c	' H F	2021	
Product no.	Description	Quantity	Price	Unit	Amount
	PRICE (REF FREIGHT 114SD 4X4 ) SET UP 2 CAB & CHASSI \ 20' SNOW EQUIPMENT \ DUMP BODY \ ACC.				
A00-0	-----	1			
-ALA-NEI	FAMILY **SNOW EQUIPEMENT **	1			
A00-0	-----	1			
-ALA-NEI63320PJY	633 SERIE, LITE YELLOW HI SPEED FULL TRIP REVERSIBLE 20' PLOW QUICK TACK WITH DEFELECTOR POLYMER	1		Unit	
-ALA-NEI6750D2Y	2 MARKER FLUO STICK (BUY 1308105) LEFT /RIGHT (ALL SERIE) PLOW ASS.	1		Unit	
-ALA-NEI6070GY	(672 /673 /631 /635) ONE WAY PLOW JACK AJUSTABLE WHEEL KIT (2) ASS.	1		Unit	
-ALA-NEI6060Y	ADDITIONNAL BLACK RUBBER DEFLECTOR SUPPORTS KIT	2		Unit	
-ALA-NEI2013WY	FRONT HARNESS 3P/ 00 SERIES WI/O COLUM (INTEGRAL QUICK TACK)ASS.	1		Unit	
-ALA-NEI2019AY	HYD. ACCUMULATOR ON FRONT HARNESS ASS. (2 ,3, 5,6 SERIES)	1		Unit	
-ALA-NEI7105E2Y	REVERSIBLE 20' CARBITE 7/8" 65 GR BLADE , INS.	1		Unit	
-ALA-NEI0098Z	INSTALLED /AJUSTEMENT ON TRUCK CARRIER	1		Unit	
A00-0	-----	1			
-AMA	FAMILY " ELP REGULAR DUMP BOX	1			
A00-0	-----	1			
-AMA-345L	*****GROUP ** " FLARED " DUMP BOX 30/40/50 TONS , 345 L SERIE ***** *FOR GENERAL EXCAVATION WORK* 3/16" HARDOX 450 STEEL CONSTRUCTION (203,000 pound resistente / 450 brinnell abrasion)	1			
-AMA-345L1203648	DUMP BOX 345 L 12' 0" LONG X 36" SIDE X 48" DOOR (HAND CYL. 4.5 )	1		Unit	



# QUOTATION: 0124632



## Équipements Lourds Papineau Inc.

1186, route 321 Nord C.P. 5040  
St-André-Avellin (Qc), J0V 1W0 | Canada  
Tel: +1 819 983 5000 | Fax: +1 819 983 5555  
www.elp.ca

### For

Village Of Masset  
PO Box 68  
Masset, BC V0TN 1M0

### Ship to

Masset Airport  
Masset, BC

Cust. no.		Contact person	Salesman		Date	
7055632215		Alan Smith	Dave Nieuwkerk/Jean-François Hotte		Dec 14 2021	
Product no.	Description	Quantity	Price	Unit	Amount	
-AMA-OPT345S5	MAIN 4.5 8" STD PROFIL FRAME ( CONVENTIONNAL DUMP BODY TYPE)	1		Unit		
-AMA-OPT345K	MANUAL SIDE OPENNING & STD OPPENING TAILGATE ( 0 DEGRE )	1		Unit		
-ALA-BEN0002AY	KIT 12' ELECTRIC REGULAR TARP SYSTEM ASS.	1		Unit		
-ALA-BEN0009FY	FRONT TARP DROP HEAD ( ELECTRIC TARP ONLY) ASS.	1		Unit		
-ALA-BEN0010EY	18" SHORT CAB SHIELD (EXHAUTS SPACE ) ASS.	1		Unit		
-ALA-BEN0020A1Y	PNEUMATIC OPENNING DOOR SYSTEM (DOUBLE AIR CHAMBER) ASS.	1		Unit		
-ALA-BEN0030JY	BASIC LEDS LIGHT SINGLE AND TANDEM TRUCKS ASS.	1		Unit		
-ALA-BEN0031P3Y	ADDITIONNAL FRONT BRACKET FLASHER 360 DEGREES ASS.	1		Unit		
-ALA-BEN0031B9Y	1 RECTANGULAR LED (REF WHELEN R1LPPA AMBER ) MINI BAR STROBOSCOPIC LIGHT ON CAB SHIELD ASS.	1		Unit		
-ALA-BEN0032AY	2 OVAL STROBE AMBER LED LIGHT IN REAR POST ASS.	1		Unit		
-ALA-BEN0042AGY	LEFT SQUARRE SHOVEL AND SUPPORT ASS. (STD)	1		Unit		
-ALA-BEN0041G36Y	DUMP BODY LEFT FOLDABLE LADDER ( 36" IN SIDE BODY)	1		Unit		
-ALA-BEN0043A1Y	7.5 " WOOD EXTENTION 16' DUMP BOX OR LESS(NO PAINT 2" X3" ) ASS.	1		Unit		
-ALA-BEN0045A1Y	EACH TOP RAIL SIDE DECFLECTOR TAPE ASS.	1		Unit		
-ALA-BEN0045BY	1 DOOR DECFLECTOR TAPE (CENTER CROSS MEMBER ) ASS.	1		Unit		
-ALA-BEN0214AY	BASIC DUMP 16' AND LESS PAINTED 1 REGULAR (gr 6) COLOR CHOICE	1		Unit		
-ALA-BEN0043P1Y	SIDE BORD / WOOD EXTENTION DARK TEINDED ASS.	1		Unit		
-ALA-BEN5345B1Z	NEW TRUCKS FIXED 345 SERIES (8 INCH SILL)	1		Unit		
A00-0	-----	1				
-ALA-CAM	FAMILY ** TRUCK CARRIER **	1				



# QUOTATION: 0124632



**Équipements Lourds Papineau Inc.**  
 1186, route 321 Nord C.P. 5040  
 St-André-Avellin (Qc), J0V 1W0 | Canada  
 Tel: +1 819 983 5000 | Fax: +1 819 983 5555  
 www.elp.ca

For
9 L O O D J H 2 I 0 D V V H W 3 2 % R [ 0 D V V H W % & 9 7 1 0

Ship to
0 D V V H W \$ L U S R U W 0 D V V H W % &

Cust. no.	Contact person	Salesman	Date		
7055632215	Alan Smith	Dave Nieuwkerk/Jean-François Hotte	Dec 14 2021		
Product no.	Description	Quantity	Price	Unit	Amount
A00-0	-----	1			
-ALA-CAM0435F5Z	"EASY" SERIE 2 & 3 FRONT PLATE ADAPTOR KIT (FREIGHTLINER 114SD SBA 4X4 20/23 ) .INS	1		Unit	
-ALA-CAM0449FZ	2 HOOK OVER FRONT BUMPER ( 114SD) INS.	1		Unit	
-ALA-CAM0451F9YZ	SNOW LIGHT (TRUCK LITE 80990 LED ) KIT ON OEM SWITCH, HOOD MOUNTED ASS./INS.	1		Unit	
-ALA-CAM0520AZ	4.5 HOIST REGULAR BASE KIT ( BLACK) INS.	1		Unit	
-ALA-CAM0520BZ	4.5 HOIST UPPER BLOC KIT INS.	1		Unit	
-ALA-CAM0519AZ	SAFETY PROP LEG KIT ( BLACK) INS.	1		Unit	
-ALA-CAM0960A1	HYDRAULIC HOIST M 100-4.5-3 (4.5 BASE, 11'/12' DUMP BODY)	1		Unit	
-ALA-CAM1020B2Z	FRAME MOUNT LS1 HYD. TANK 20 / 30 TON BLACK KIT (W RETURN FILTER) INS.	1		Unit	
-ALA-CAM0530B2Z	20 / 30 / 40 TON HINGE KIT WITH LED LIGHT INS.	1		Unit	
-ALA-CAM0540D2Z	AIR SUSPENSION BAG PLATE PROTECTOR KIT WELDED (W HITCH ) INS.	1		Unit	
-ALA-CAM0550B5Z	AIR LINER AIR SUSPENSION SINGLE AXLE 23K / HICHT BRACKET KIT INS.	1		Unit	
-ALA-CAM0555A1Z	HOOK PH 410 KIT INS.	1		Unit	
-ALA-CAM1280G2WZ	4000 SERIE ALLISON / (WET SPLINE)CLUCTH PACK CHELSEA PTO 75CC LOAD SENSE PUMP LS1 KIT INS.	1		Unit	
-ALA-CAM1330C4YZ	LOAD SENSE LS1.2 PUMP HYDRAULIC PIPING KIT (FRAM MOUNTING)( VALVE DUMP,SPREADER )ASS / INS.	1		Unit	
-ALA-CAM1610A1YZ	HYDRAULIC LOW OIL ALARM/LIGHT (STD) ASS./ INS.	1		Unit	
A00-0	-----	1			
-ALA-CAM2	FAMILY ** CAB CONTROL**	1			
A00-0	-----	1			
-ALA-CAM2141A3YZ	WA/EC/LS1 14 RAISE TOWER BASIC ASS./ INS. AVEC LUMIÈRE DE TRAVAIL LED ref ZT-64013Z	1		Unit	



# QUOTATION: 0124632



**Équipements Lourds Papineau Inc.**  
1186, route 321 Nord C.P. 5040  
St-André-Avellin (Qc), J0V 1W0 | Canada  
Tel: +1 819 983 5000 | Fax: +1 819 983 5555  
www.elp.ca

For
9 L O O D J H 2 I 0 D V V H W 3 2 % R [ 0 D V V H W % & 9 7 1 0

Ship to
0 D V V H W \$ L U S R U W 0 D V V H W % &

Cust. no.	Contact person	Salesman	Date		
7055632215	\$ O D Q 6 P L W K	' D Y H 1 L H X L E n H F a n ç o i s H o t t e	' H F 2021		
Product no.	Description	Quantity	Price	Unit	Amount
-ALA-CAM2141A50YZ	FREIGHTLINER 14 TOWER HARDWARE KIT ASS./ INS.	1		Unit	
-ALA-CAM2145B2YZ	LS1.2 SNOW PLOW LEVEL CONTROL ASS./ INS.	1		Unit	
-ALA-CAM2145E2YZ	LS1.2 HARDNESS J PIN / REVERSABLE LEVEL CONTROL ASS./INS.	1		Unit	
-ALA-CAM2145M8YZ	LS1.2 DUMP BODY CONTROL KIT (20/30 TON SINGLE ACTING/SPRING RETURN) ASS. / INS.	1		Unit	
-ALA-CAM2141P2YZ	AIR DOOR CONTROL KIT (W LIGHT CONTROL) ASS. /INS.	1		Unit	
-ALA-CAM2141Q1YZ	ELECTRIC TARP CONTROL KIT ASS./ INS.	1		Unit	
A00-0	-----	1			
-ALA-CAM4000	GROUP ** CARRIER CAB & CHASSI **	1		Unit	
A00-0	-----	1			
ABA-FRENNXXX1	B2023 FREIGHTLINER 114SD SB 4X4 (45000 LB) 6 ROUE / DD13 470 HP/ ALLISON / BLANC	1		Unit	
A00-35A22	ELP EQUIPMENT MANUAL (USB KEY / STD)	1		Unit	
ABA-999MF1	WEB ENREGISTREMENT ( PARTS / SERVICE) ( FREIGHTLINE R)	1.00		Unit	
-ALA-CAM3620D2Z	REAR SINGLE AXLE FENDER DIRECT ON FRAME INS.	1		Unit	
*DQ-DN9523	FIRST AID KIT 1 - 5 PERSON QC 70°	1		Unit	
*DQ-DN10290	EXTINCTEUR ABC 5 LBS AVEC CROCHET	1		Unit	
-ALA-CAM3015DZ	BOOT BRUSH ON LEFT FUEL TANK STEP INS.	1		Unit	
-ALA-CAM3625L6Z	2 RECTANGULAR STEP WORK LIGHT LED ( ON /OFF) INS.	1		Unit	
-ALA-CAM3625L1Z	2 RECTANGULAR BACK UP LIGHT LED ( ON /OFF) INS.	1		Unit	
A00-0	-----	1			
A00-35A	F.O.B. ST-ANDRÉ-AVELLIN, QUÉBEC	1			
A00-35T	1 year warranty parts and labour done at our workshop	1			
A00-35S	STEEL CHARGE	1		Unit	
A00-34SB	Hope everything is to your satisfaction, best	1			



# QUOTATION: 0124632



## Équipements Lourds Papineau Inc.

1186, route 321 Nord C.P. 5040  
St-André-Avellin (Qc), J0V 1W0 | Canada  
Tel: +1 819 983 5000 | Fax: +1 819 983 5555  
www.elp.ca

### For

9 L O O D J H 2 I 0 D V V H W  
3 2 % R [  
0 D V V H W % & 9 7 1 0

### Ship to

0 D V V H W \$ L U S R U W  
0 D V V H W % &

Cust. no.		Contact person	Salesman		Date	
7055632215	\$ O D Q 6 P L W K		' D Y H 1 L H X Z N H U N		' H F	2021
Product no.	Description		Quantity	Price	Unit	Amount
	regards ' D Y H 1 L H X Z N H U N					

This quotation is valid for a period of 30 days.

Thank you for your trust.

This quotation is accepted and constitutes an order.

Signature : \_\_\_\_\_

Amount

G.S.T.

Q.S.T.

Total (CAD)

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

*A proposal for*  
**STOCK GRANBY QC SPCD**

*Prepared by*  
**SERVICES DE MECANIQUE MOBILE B.L.**  
*Patrick Brien*

*Nov 09, 2021*

**Freightliner 114SD**



Components shown may not reflect all spec'd options and are not to scale

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Price Level</b>				
PRL-26D	SD PRL-26D (EFF:7/26/21)			STD
<b>Data Version</b>				
DRL-023	SPECPRO21 DATA RELEASE VER 023			N/C
<b>Interior Convenience/Driver Retention Package</b>				
055-002	INTERIOR CONVENIENCE PACKAGE			\$278,00
<b>Vehicle Configuration</b>				
001-177	114SD CONVENTIONAL CHASSIS	7 934	6 476	\$157 555,00
004-223	2023 MODEL YEAR SPECIFIED			STD
002-004	SET BACK AXLE - TRUCK	480	-480	(\$2 235,00)
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10	\$1 025,00
003-001	LH PRIMARY STEERING LOCATION			STD
<b>General Service</b>				
AA1-003	TRUCK/TRAILER CONFIGURATION			N/C
AA6-033	DOMICILED, CANADA (QUEBEC)			N/C
RCE-00V	VARIABLE CANADIAN EXCHANGE			N/C
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-006	HEAVY EQUIPMENT COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1AE	FREIGHTLINER LEVEL II WARRANTY			N/C
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 22000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs			

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

	Data Code	Description	Weight Front	Weight Rear	Retail Price
	A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 45000.0 lbs			
	A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs			
<b>Truck Service</b>					
	AA3-018	FRONT PLOW/END DUMP BODY			N/C
	A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 5.0 in			
*	AF3-358	EQUIPEMENTS LOURDS PAPINEAU			N/C
<b>Tractor Service</b>					
	AA2-006	DRY BULK TRAILER			N/C
	AH6-001	SINGLE (1) TRAILER			N/C
<b>Engine</b>					
	101-2YB	DETROIT DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB-FT @ 975 RPM			\$1 556,00
<b>Electronic Parameters</b>					
N	79A-055	55 MPH ROAD SPEED LIMIT			N/C
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
	79K-015	PTO MODE ENGINE RPM LIMIT - 2100 RPM			N/C
	79P-004	PTO RPM WITH CRUISE SET SWITCH - 900 RPM			N/C
	79Q-007	PTO RPM WITH CRUISE RESUME SWITCH - 1100 RPM			N/C
	79T-002	PTO MODE RPM INCREMENT - 50 RPM			N/C
	79U-006	PTO GOVERNOR RAMP RATE - 200 RPM PER SECOND			N/C
	79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY			N/C
	79W-001	ONE REMOTE PTO SPEED			N/C
	79X-005	PTO SPEED 1 SETTING - 900 RPM			N/C
	80D-001	SOFT CRUISE CONTROL ENABLED			N/C
	80G-001	PTO MINIMUM RPM - 600			N/C
	80L-003	ENABLE DPF REGEN ZONE 1 WITH AUTO ENGINE RPM ELEVATE FOR EXTENDED IDLE			N/C
<b>Engine Equipment</b>					
	99C-017	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			N/C

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			\$109,00
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10		\$562,00
124-1E1	DR 12V 200 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			\$143,00
292-236	(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			\$18,00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
87P-001	CAB AUXILIARY POWER CABLE	5		\$62,00
293-061	POSITIVE LOAD DISCONNECT WITH CONTROL SWITCH WITH LOCKING PROVISION MOUNTED OUTSIDE OF CAB	2		\$202,00
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2		\$88,00
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE			STD
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			N/C
128-002	JACOBS COMPRESSION BRAKE			STD
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	\$816,00
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH			N/C
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			N/C
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK	-35	-10	N/C
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			(\$17,00)
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
* 43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			\$23,00
	FORWARD OF FUEL TANK			
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD(S)			N/C
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH			N/C
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			\$10,00
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR			STD
118-001	FULL FLOW OIL FILTER			STD
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			STD
103-040	ANTIFREEZE TO -60F, OAT (NITRITE AND SILCATE FREE) EXTENDED LIFE COOLANT			\$125,00
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD	6		\$116,00
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4		\$117,00
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER	4		\$103,00
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			\$6,00
155-076	DELCO 12V MOD 3.175-39MT+ STARTER WITH ENGINE ECU SOFTWARE PROTECTION AND INTEGRATED MAGNETIC SWITCH	-45		N/C

#### Transmission

342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	\$13 687,00
---------	--	-----	-----	-------------

#### Transmission Equipment

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
84V-001	DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS			STD
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49,00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$23,00
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
373-026	MARMON-HERRINGTON MVG-1600 2-SPEED LONG DROP TRANSFER CASE	500	200	\$21 255,00
376-001	TRANSFER CASE SHIFT CONTROLS WITH TRANSFER CASE PTO ON/OFF SWITCH WHEN APPLICABLE			N/C
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

#### Front Axle and Equipment

400-1H0	MT-22 23,000# SINGLE FRONT DRIVE AXLE	2 080		\$29 464,00
398-565	5.65 FRONT AXLE RATIO			N/C
389-073	MXL 17T MERITOR EXTENDED LUBE FRONT STEERING AXLE DRIVELINE WITH HALF ROUND YOKES	10		N/C
402-027	MARMON-HERRINGTON 16.5X7 CAM FRONT BRAKES			N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-019	MARMON-HERRINGTON CAST IRON FRONT BRAKE DRUMS			N/C
427-001	FRONT BRAKE DUST SHIELDS			N/C
409-006	FRONT OIL SEALS			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-013	MARMON-HERRINGTON AUTOMATIC FRONT SLACK ADJUSTERS			N/C
406-001	STANDARD KING PIN BUSHINGS			STD
* 536-1AD	TRW TAS-85 POWER STEERING WITH RCH60 AUXILIARY GEAR	150		\$3 913,00
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE			\$17,00

#### Front Suspension

620-1DT	23,000# TAPERLEAF FRONT SUSPENSION	215		\$1 850,00
619-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION			(\$258,00)
62G-998	NO FRONT SUSPENSION OPTIONS			STD
629-004	FRONT SWAYBAR	60		\$464,00

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
410-001	FRONT SHOCK ABSORBERS			STD
<b>Rear Axle and Equipment</b>				
420-051	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		-2 270	(\$8 784,00)
421-563	5.63 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-074	MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	5	5	(\$432,00)
382-074	MXL 176T MERITOR EXTENDED LUBE INTERTRANSMISSION DRIVELINE WITH HALF ROUND YOKES	10		\$685,00
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20	\$734,00
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE			N/C
87B-005	BUZZER AND BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH			N/C
423-033	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			\$140,00
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS			STD
425-002	REAR BRAKE DUST SHIELDS		5	\$65,00
440-006	REAR OIL SEALS			STD
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20	N/C
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			STD
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			N/C
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
<b>Rear Suspension</b>				
* 622-1DF	30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		240	(\$1 008,00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
623-005	FORE/AFT CONTROL RODS			N/C

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Brake System</b>				
490-100	WABCO 4S/4M ABS			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20		N/C
483-003	BENDIX OIL COALESCING FILTER FOR AIR DRYER			\$20,00
479-005	AIR DRYER MOUNTED INBOARD ON RH RAIL			N/C
* 460-001	<b>STEEL AIR BRAKE RESERVOIRS</b> <b>MOUNT AIR TANKS SIMILAR TO MX5009 RELATIVE TO REAR SUSPENSION</b>			STD
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD			\$218,00
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)			\$3,00
<b>Trailer Connections</b>				
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS			N/C
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			N/C
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME			N/C
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
<b>Wheelbase &amp; Frame</b>				
545-440	4400MM (173 INCH) WHEELBASE			N/C
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	180	180	\$720,00
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	180		\$800,00
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW			N/C
552-040	1875MM (74 INCH) REAR FRAME OVERHANG			N/C

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	100	N/C
549-036	12 INCH INTEGRAL FRONT FRAME EXTENSION	80	-10	\$639,00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 107,68.0 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 102,68.0 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 304,63.0 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 35,49.0 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 136,02.0 in			N/C
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 113,45.0 in			
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
<b>Chassis Equipment</b>				
556-1E5	14 INCH PAINTED STEEL BUMPER	20		\$228,00
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
601-017	2D DXF/PDF VEHICLE DRAWING			\$450,00
<b>Fuel Tanks</b>				
204-156	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	20		\$288,00
218-006	25 INCH DIAMETER FUEL TANK(S)			STD
215-006	POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS			\$437,00
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-002	CHROME FUEL TANK CAP(S)			\$7,00
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD

## Tires

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

	Data Code	Description	Weight Front	Weight Rear	Retail Price
*	093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196		\$1 000,00
*	094-2BV	MICHELIN XDS2 11R24.5 16 PLY RADIAL REAR TIRES		192	\$516,00
<b>Hubs</b>					
	418-022	MARMON-HERRINGTON IRON FRONT HUBS			N/C
	450-058	CONMET PRESET PLUS PREMIUM ALUMINUM REAR HUBS		-30	\$31,00
<b>Wheels</b>					
*	502-1CM	ALCOA 83358X 22.5X13.00 335-HUB PILOT 6.12 INSET ALUMINUM DISC FRONT WHEELS	-4		\$796,00
	505-729	ACCURIDE 42362 ACCU-LITE 24.5X8.25 10-HUB PILOT 10-HAND ALUMINUM DISC REAR WHEELS		-80	\$392,00
	496-011	FRONT WHEEL MOUNTING NUTS			STD
	497-011	REAR WHEEL MOUNTING NUTS			STD
	495-998	NO PUSHER/TAG WHEEL MOUNTING NUTS			STD
	498-011	NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES			\$29,00
<b>Cab Exterior</b>					
	829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-008	AIR CAB MOUNTING			STD
	705-012	CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS	2		\$53,00
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
	667-037	SHORT FENDER WITH MUDFLAP			\$141,00
	754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10		\$115,00
	678-001	LH AND RH GRAB HANDLES			STD
	645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL			\$253,00
	646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS			\$88,00
	65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			\$15,00
	644-004	FIBERGLASS HOOD			STD
	690-017	HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION	5		\$213,00
	727-1AH	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED			STD
	726-001	SINGLE ELECTRIC HORN			STD
	728-001	SINGLE HORN SHIELD			STD

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-005	KEY QUANTITY OF 5			\$27,00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
327-010	SWITCH AND WIRING WITH STAINLESS STEEL BRACKETS MOUNTED OUTBOARD ROOF FOR (2) CUSTOMER FURNISHED BEACONS	2		\$657,00
312-083	DUAL ROUND 90MM HALOGEN HEADLIGHTS MOUNTED IN FRONT BUMPER WITH BRIGHT BEZEL MARKER ASSEMBLY			\$749,00
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34,00
311-012	DAYTIME RUNNING LIGHTS - LOW BEAM ONLY			\$21,00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286,00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-054	<b>RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN DIAMOND PLATE COVER</b>			\$87,00
764-010	COMPOSITE EXTERIOR SUN VISOR	10		\$247,00
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			(\$117,00)
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4		\$218,00
769-002	LOWER RH DOOR WINDOW WITH FRESNEL LENS	7		\$206,00
663-029	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD			\$423,00
659-020	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED			(\$64,00)
647-001	<b>WHITE WINTERFRONT</b>	2		\$60,00
<b>Cab Interior</b>				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-016	MOLDED DOOR PANEL WITH UPPER VINYL INSERTS			N/C

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
708-016	MOLDED DOOR PANEL WITH UPPER VINYL INSERTS			N/C
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-998	NO DASH MOUNTED ASH TRAYS AND LIGHTER			(\$5,00)
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			(\$9,00)
694-010	IN DASH STORAGE BIN			N/C
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL	20		\$26,00
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			(\$309,00)
860-004	SMART SWITCH EXPANSION MODULE			\$196,00
720-003	5 LB. FIRE EXTINGUISHER	10		\$60,00
714-001	FIRST AID KIT	2		\$24,00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE			\$31,00
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			\$145,00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			N/C
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$36,00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			N/C
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$24,00
756-339	PREMIUM ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK	70		\$414,00
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT			N/C
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		\$138,00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER			\$2,00
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER			\$4,00
763-102	HIGH VISIBILITY ORANGE SEAT BELTS			\$13,00
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478,00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			N/C
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD
<b>Instruments &amp; Controls</b>				
732-003	WOODGRAIN DRIVER INSTRUMENT PANEL			N/C
734-003	WOODGRAIN CENTER INSTRUMENT PANEL			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-006	ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH WARNING LIGHT IN DASH			\$31,00
721-001	97 DB BACKUP ALARM		3	\$47,00
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			N/C
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
845-011	FUEL FILTER RESTRICTION INDICATOR			STD
148-085	EMISSIONS LIMITED IDLE ADJUST			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	10		\$69,00
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			STD
746-135	AM/FM/WB WORLD TUNER RADIO WITH SIRIUSXM, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10		\$490,00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
748-014	COBRA 29NW LTD CLASSIC FACTORY INSTALLED CB RADIO	5		\$157,00
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			\$38,00
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM			\$293,00
78C-003	INTEROPERABLE SDAR ANTENNA			\$85,00
810-028	ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITHOUT ODOMETER			N/C
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE			STD
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
* 329-145	TWO ON/OFF ROCKER SWITCHES BEHIND THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL BLANK			\$69,00
482-001	BW TRACTOR PROTECTION VALVE			N/C
883-001	TRAILER HAND CONTROL BRAKE VALVE			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-025	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET			\$19,00
304-039	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS			\$214,00

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Data Code	Description	Weight Front	Weight Rear	Retail Price
882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR			\$13,00
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD

#### Design

065-000	PAINT: ONE SOLID COLOR			STD
---------	------------------------	--	--	-----

#### Color

980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
964-020	STANDARD BLACK BUMPER PAINT			STD
976-995	SUNVISOR PAINTED SAME AS CAB COLOR A			N/C
963-003	STANDARD E COAT/UNDERCOATING			STD

#### Certification / Compliance

996-002	CANADA CMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			N/C
---------	---	--	--	-----

#### Secondary Factory Options

*	999-008	FRONT WHEEL INSET INCREASES TURNING RADIUS TO A VALUE GREATER THAN SPECPRO REPORTS; AXLES OAW EXCEED 2.6M (102.4 INCH); DEALER ADVISED AND ACCEPTS		N/C
*	99X-019	OBD 2019 MISFIRE MONITORING		N/C

#### Raw Performance Data

AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 102,68.0 in			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 113,45.0 in			

#### Sales Programs

RPN-130	CANADA CONCESSION PROGRAMS			N/C
---------	----------------------------	--	--	-----

### TOTAL VEHICLE SUMMARY

#### Adjusted List Price

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Adjusted List Price \*\* 235 605,00 \$

### Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	12566 lbs	4656 lbs	17222 lbs
Total Weight <sup>+</sup>	12566 lbs	4656 lbs	17222 lbs

### ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE

### Other Factory Charges

PNZ-998	NO CARB22 BASE WARRANTY	N/C
PMV-998	NO ESCALATOR	STD
RD1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS)	STD
RFY-022	FRONT TIRE SURCHARGE	\$62,00
RFU-022	REAR TIRE SURCHARGE	\$124,00
RFZ-023	MY23 PRODUCTION COST SURCHARGE	\$371,00
P73-1FT	STANDARD DESTINATION CHARGE X EXCHANGE	\$3 337,00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

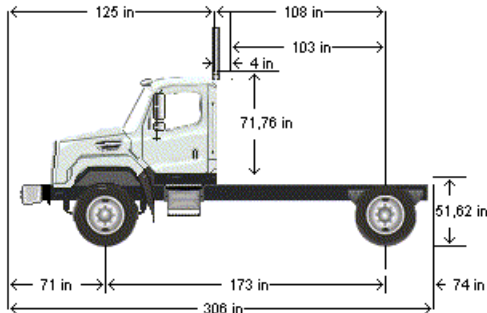
(\*\*) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

## DIMENSIONS



## VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model ..... 114SD  
Wheelbase (545) ..... 4400MM (173 INCH) WHEELBASE  
Rear Frame Overhang (552) ..... 1875MM (74 INCH) REAR FRAME OVERHANG  
Fifth Wheel (578) ..... NO FIFTH WHEEL  
Mounting Location (577) ..... NO FIFTH WHEEL LOCATION  
Maximum Forward Position (in) ..... 0  
Maximum Rearward Position (in) ..... 0  
Amount of Slide Travel (in) ..... 0  
Slide Increment (in) ..... 0  
Desired Slide Position (in) ..... 0,0  
Cab Size (829) ..... 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Sleeper (682) ..... NO SLEEPER BOX/SLEEPER CAB  
Exhaust System (016) ..... RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY  
WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

## TABLE SUMMARY - DIMENSIONS

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

Dimensions	Inches
Bumper to Back of Cab (BBC)	124,8
Bumper to Centerline of Front Axle (BA)	71,3
Min. Cab to Body Clearance (CB)	3,0
Back of Cab to Centerline of Rear Axle(s) (CA)	107,7
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	103,2
Back of Cab Protrusions (Exhaust/Intake) (CP)	2,0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	4,5
Back of Cab Protrusions (CNG Tank)	0,0
Back of Cab Clearance (CL)	4,5
Back of Cab to End of Frame	181,5
Cab Height (CH)	71,8
Wheelbase (WB)	173,2
Frame Overhang (OH)	73,8
Overall Frame Length	304,6
Overall Length (OAL)	306,3
Rear Axle Spacing	0,0
Unladen Frame Height at Centerline of Rear Axle	51,6

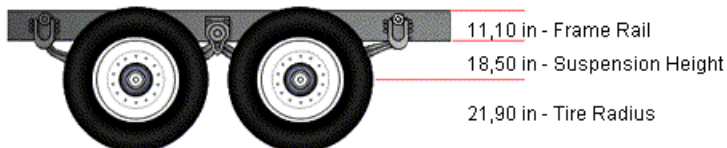
Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

## UNLADEN FRAME HEIGHT

Unladen Height	Requested	Calculated
Frame (in)	N/A	51,60



## VEHICLE SPECIFICATIONS SUMMARY - UNLADEN FRAME HEIGHT

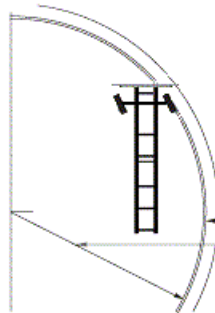
Model ..... 114SD  
Cab Size (829)..... 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Frame Rails (546)..... 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI(546)  
Web Height (in)..... 11.125  
Flange Thickness (in)..... 0.4375  
Rear Suspension (622)..... 30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD  
Rear Suspension Ride Height (621)..... SPRING SUSPENSION - NO AXLE SPACERS  
Axle C/L to Bottom of Frame (in)..... 18.544  
Rear Tires (094) ..... MICHELIN X MULTI D 11R24.5 16 PLY RADIAL REAR TIRES  
Unladen Radius (in) ..... 21.95  
Fifth Wheel (578) ..... NO FIFTH WHEEL  
Requested Min Height (in) ..... 0,0  
Requested Max Height (in) ..... 1  
Fifth Wheel Leg Height (582) ..... NO FIFTH WHEEL LEG HEIGHT  
Rear Tow Device (587) ..... NO REAR TOWING DEVICE  
Tow Device Height(588) ..... NO REAR TOW DEVICE HEIGHT  
Requested Min Height (in) ..... 0,0  
Requested Max Height (in) ..... 0,0

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

## TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	62,2	+/- 3.0
Curb to Curb Diameter (ft)	56,3	+/- 3.0
Turning Radius (ft)	27,5	+/- 1.5

## VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model ..... 114SD  
Cab Size (829)..... 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Wheelbase (545) ..... 4400MM (173 INCH) WHEELBASE  
Front Tires (093) ..... MICHELIN XFE 425/65R22.5 20 PLY RADIAL FRONT TIRES  
    Width (in) ..... 16.6  
Front Axle (400) ..... MT-22 23,000# SINGLE FRONT DRIVE AXLE  
    Kingpin Intersection (in) ..... 66.34  
Bumper (556) ..... 14 INCH PAINTED STEEL BUMPER  
    Width (in) ..... 97.6  
    Bumper Miter to Front Axle (in) ..... 63.989  
Primary Steering Location (003) ..... LH PRIMARY STEERING LOCATION  
Steering Gear (536) ..... TRW TAS-85 POWER STEERING WITH RCH60 AUXILIARY GEAR  
    Dual Steering Gear ..... RCH60  
    Ram ..... NONE  
Rear Axle (420) ..... RS-23-160 23,000# R-SERIES 78 INCH WIDE TRACK SINGLE REAR AXLE  
Axle Spacing (624) ..... NO AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

## FRAME SIDE SPACE

### VEHICLE SPECIFICATIONS SUMMARY - FRAME SIDE SPACE

Model .....	114SD
Wheelbase (545) .....	4400MM (173 INCH) WHEELBASE
Cab Size (829) .....	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682) .....	NO SLEEPER BOX/SLEEPERCAB
Exhaust System (016) .....	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE
Frame Side Space LH (in) .....	45.2773465
Frame Side Space RH (in) .....	136.0233465
Battery Box (290) .....	BATTERY BOX FRAME MOUNTED
Left-Hand Primary Fuel/Hydraulic Tank (204) .....	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH
Left-Hand Auxiliary Fuel Tank(200) .....	NO LH AUXILIARY FUEL TANK
Right-Hand Primary Fuel/Hydraulic Tank (206) .....	NO RH FUEL TANK
Right-Hand Auxiliary Fuel Tank(201) .....	NO RH AUXILIARY FUEL TANK
Diesel Exhaust Fluid Tank(23U) .....	6 GALLON DIESEL EXHAUST FLUID TANK
Rear Fenders(583) .....	NO REAR QUARTER FENDERS
Hydraulic Tank (203) .....	NO HYDRAULIC OIL TANK

### TABLE SUMMARY - FRAME SIDE SPACE

**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

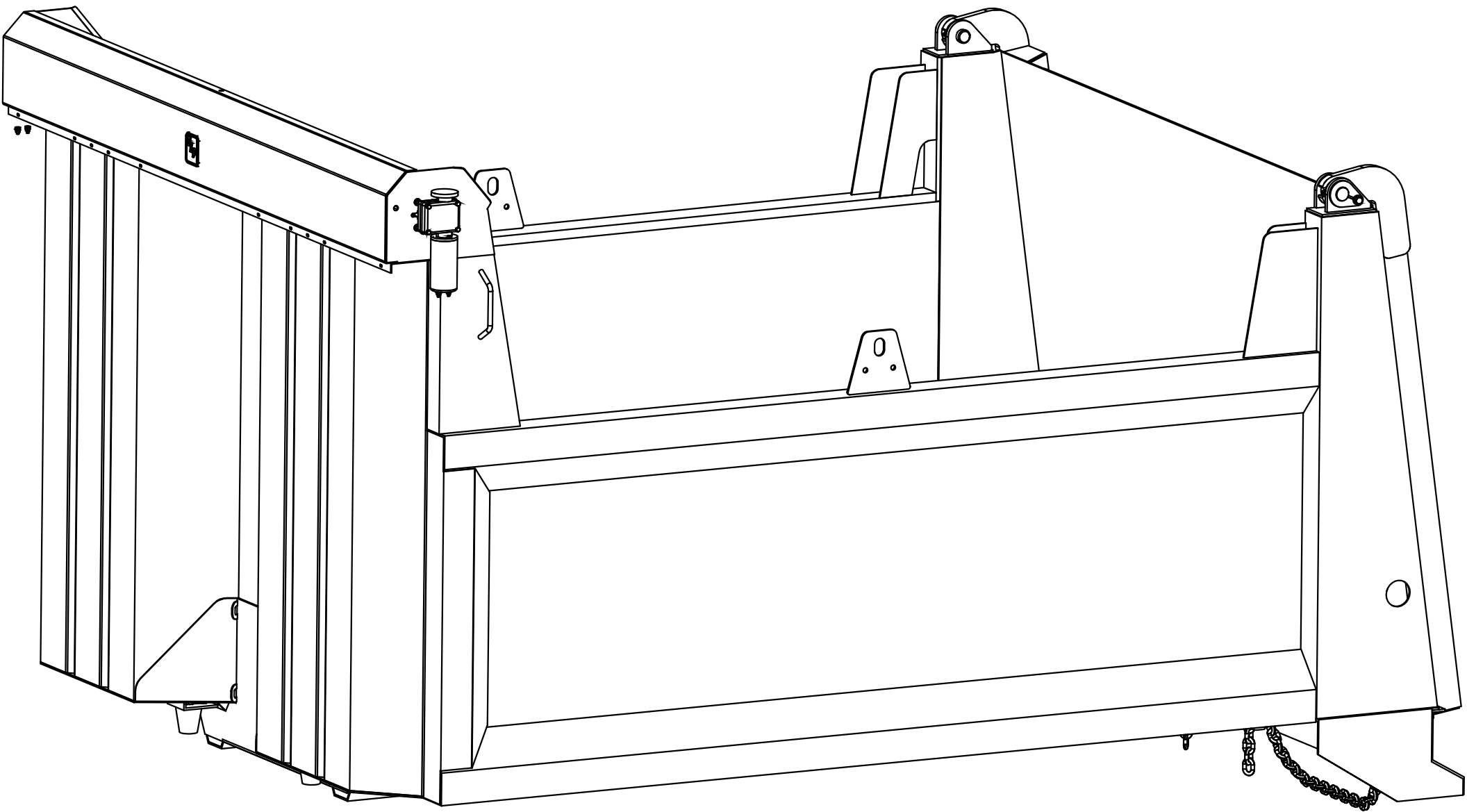
Dimensions (Left Side)	Inches
Max CP - Maximum value of all Cab Protrusions	4,5
Bumper to chassis zero dimension	16,0
First front axle to chassis zero dimension	43,3
Bumper to Centerline of Front Axle (BA)	71,3
Wheelbase (WB)	173,2
Frame Overhang (OH)	73,8
Overall Length (OAL)	306,3
Length of Front Tire Unladen Radius (UR)	22,2
Length of Rear Tire Unladen Radius (UR)	21,9
Length Rear Axle Spacing factor	0,0
Pusher Axle Spacing	0,0
Length of Pusher Tire Unladen Radius (UR)	0,0
Frame Space Left Side	45,3
Side Step Left Side	0,0
Exhaust Left Side	0,0
Urea Tank Left Side	5,9
Battery Box Left Side	15,7
Fuel Tank Left Side	39,5
Hydraulic Tank Left Side	0,0
Aux1 Tank Left Side	0,0
Aux2 Tank Left Side	0,0
StoreBox1 Tank Left Side	0,0
StoreBox2 Tank Left Side	0,0
Frame Step Left Side	0,0
Fender Left Side	0,0
Other1 Left Side	0,0
Other2 Left Side	0,0
Adj Left Side	0,0

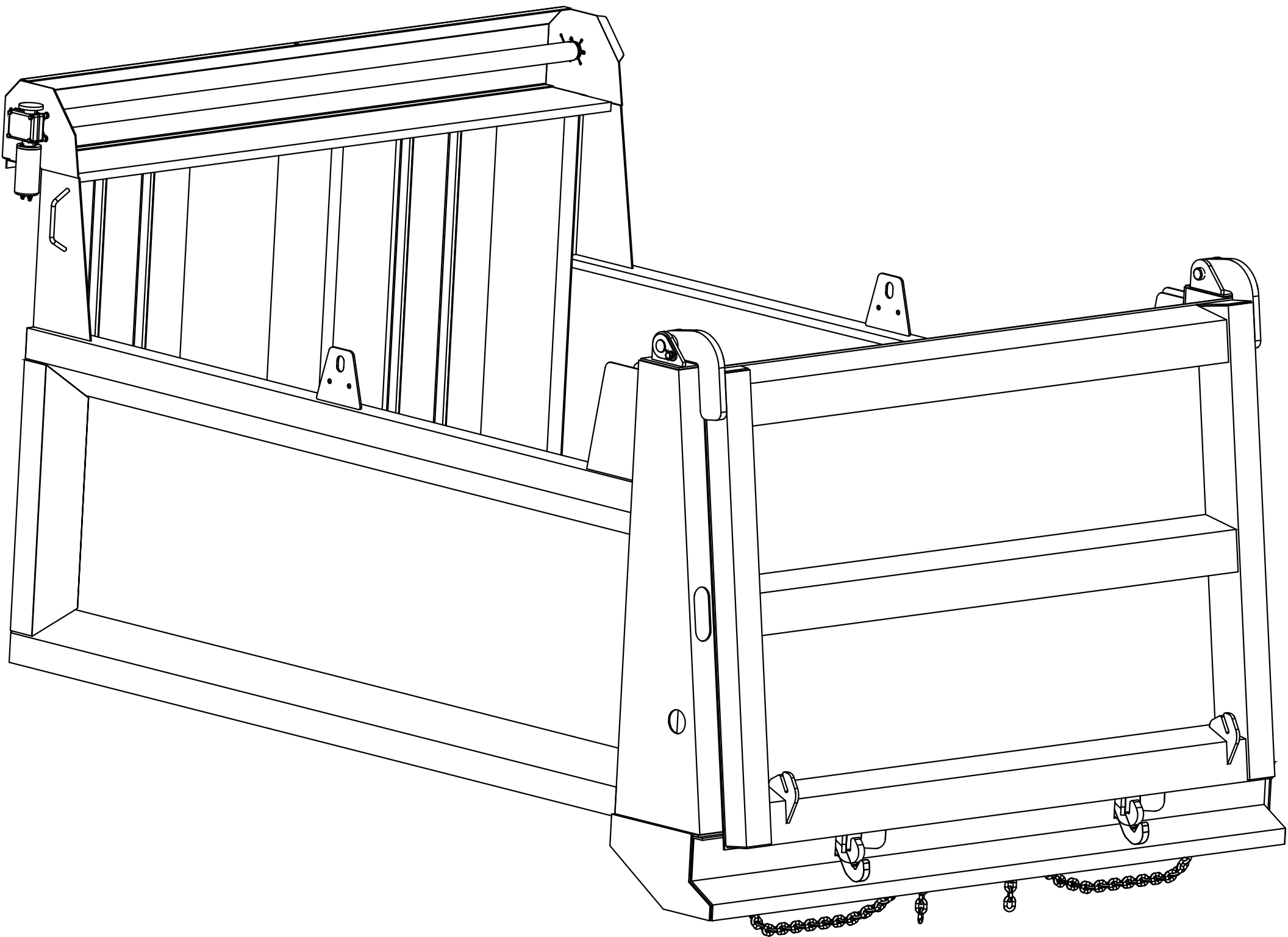
**Prepared for:**  
DANIEL LAMOUREUX  
STOCK GRANBY QC SPCD  
50 ST JUDE S  
GRANBY, QC J2J 2N4  
Phone: 450-378-0413  
E-Mail: daniel@camionsbl.ca

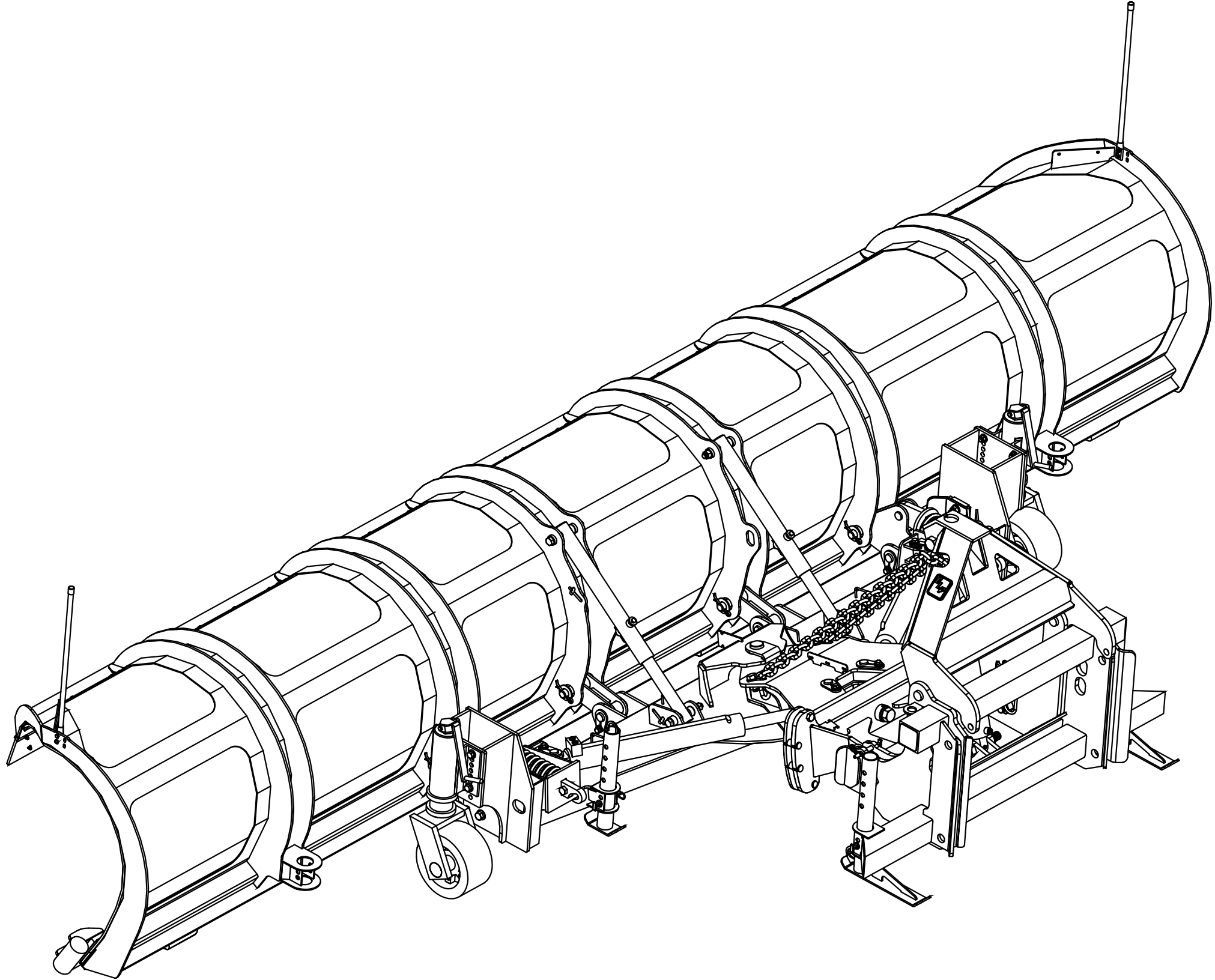
**Prepared by:**  
Patrick Brien  
SERVICES DE MECANIQUE  
MOBILE B.L.  
50 ST. JUDE SUD  
GRANBY, QC J2J2N4  
Phone: 450-378-0413  
Mobile:  
E-Mail: pbrien@camionsbl.ca

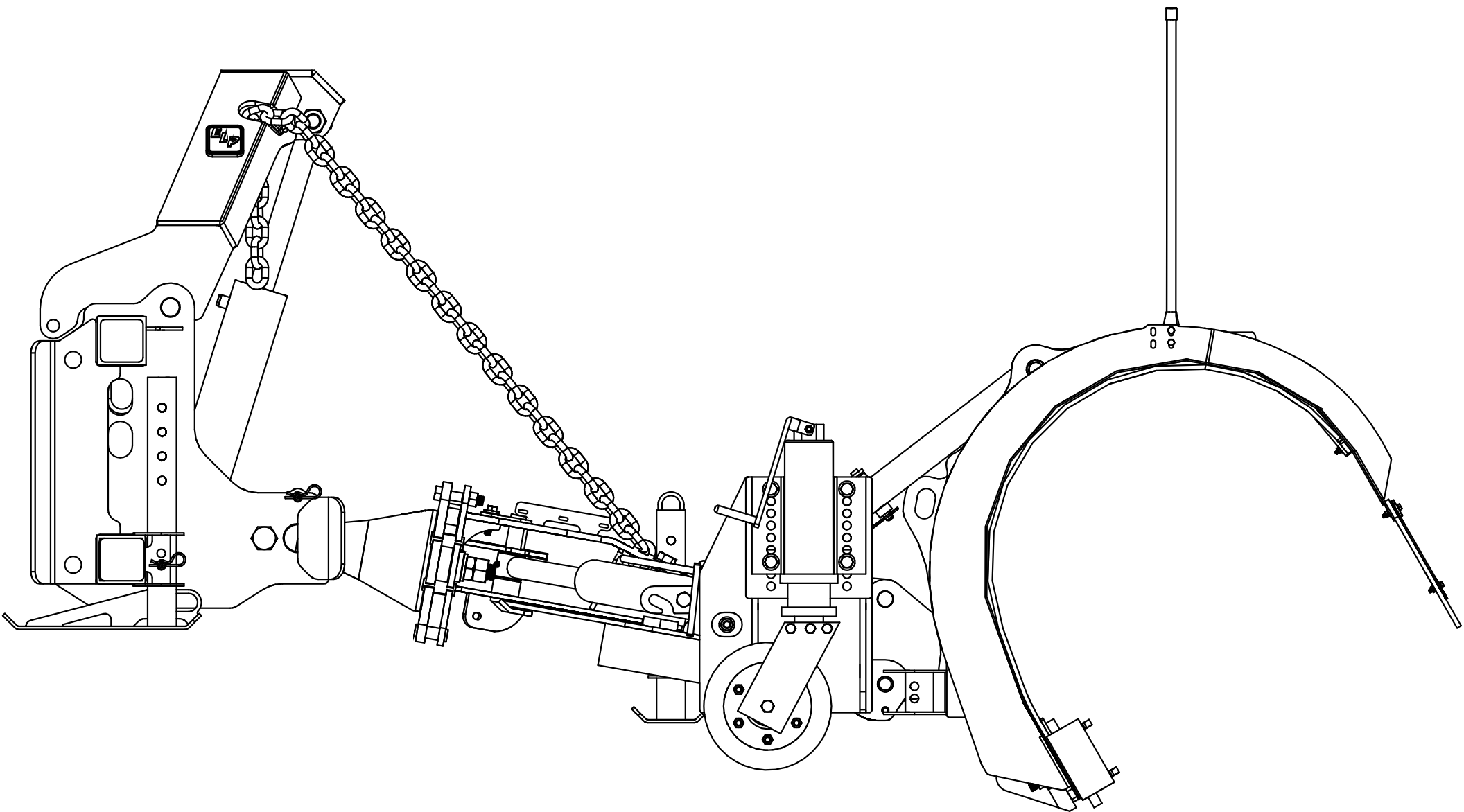
Dimensions (Right Side)	Inches
Max CP - Maximum value of all Cab Protrusions	4,5
Bumper to chassis zero dimension	16,0
First front axle to chassis zero dimension	43,3
Bumper to Centerline of Front Axle (BA)	71,3
Wheelbase (WB)	173,2
Frame Overhang (OH)	73,8
Overall Length (OAL)	306,3
Length of Front Tire Unladen Radius (UR)	22,2
Length of Rear Tire Unladen Radius (UR)	21,9
Length Rear Axle Spacing factor	0,0
Pusher Axle Spacing	0,0
Length of Pusher Tire Unladen Radius (UR)	0,0
Frame Space Right Side	136,0
Side Step Right Side	0,0
Exhaust Right Side	37,2
Urea Tank Right Side	0,0
Battery Box Right Side	0,0
Fuel Tank Right Side	0,0
Hydraulic Tank Right Side	0,0
Aux1 Tank Right Side	0,0
Aux2 Tank Right Side	0,0
StoreBox1 Tank Right Side	0,0
StoreBox2 Tank Right Side	0,0
Frame Step Right Side	0,0
Fender Right Side	0,0
Other1 Right Side	0,0
Other2 Right Side	0,0
Adj Right Side	0,0

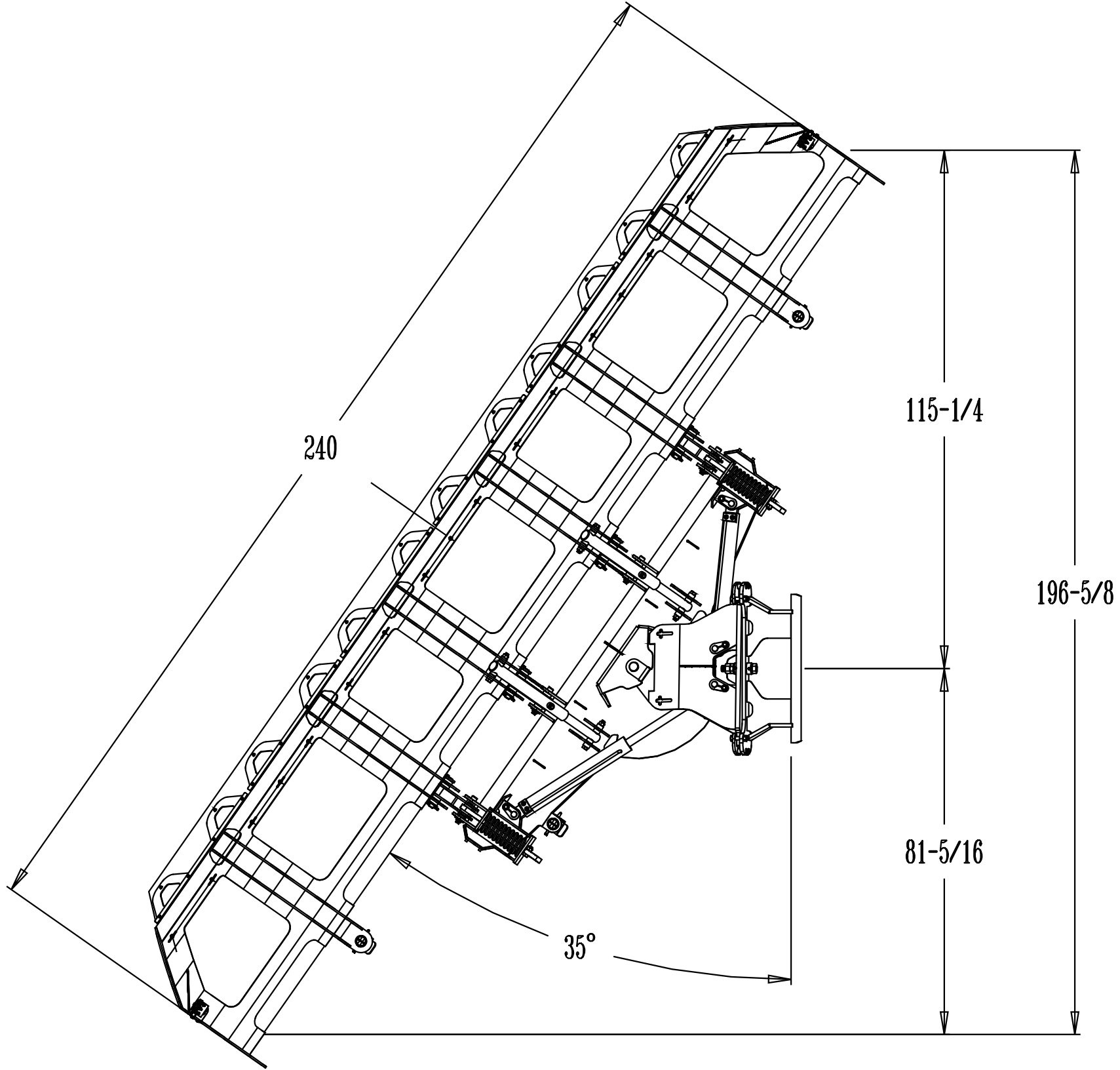
Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

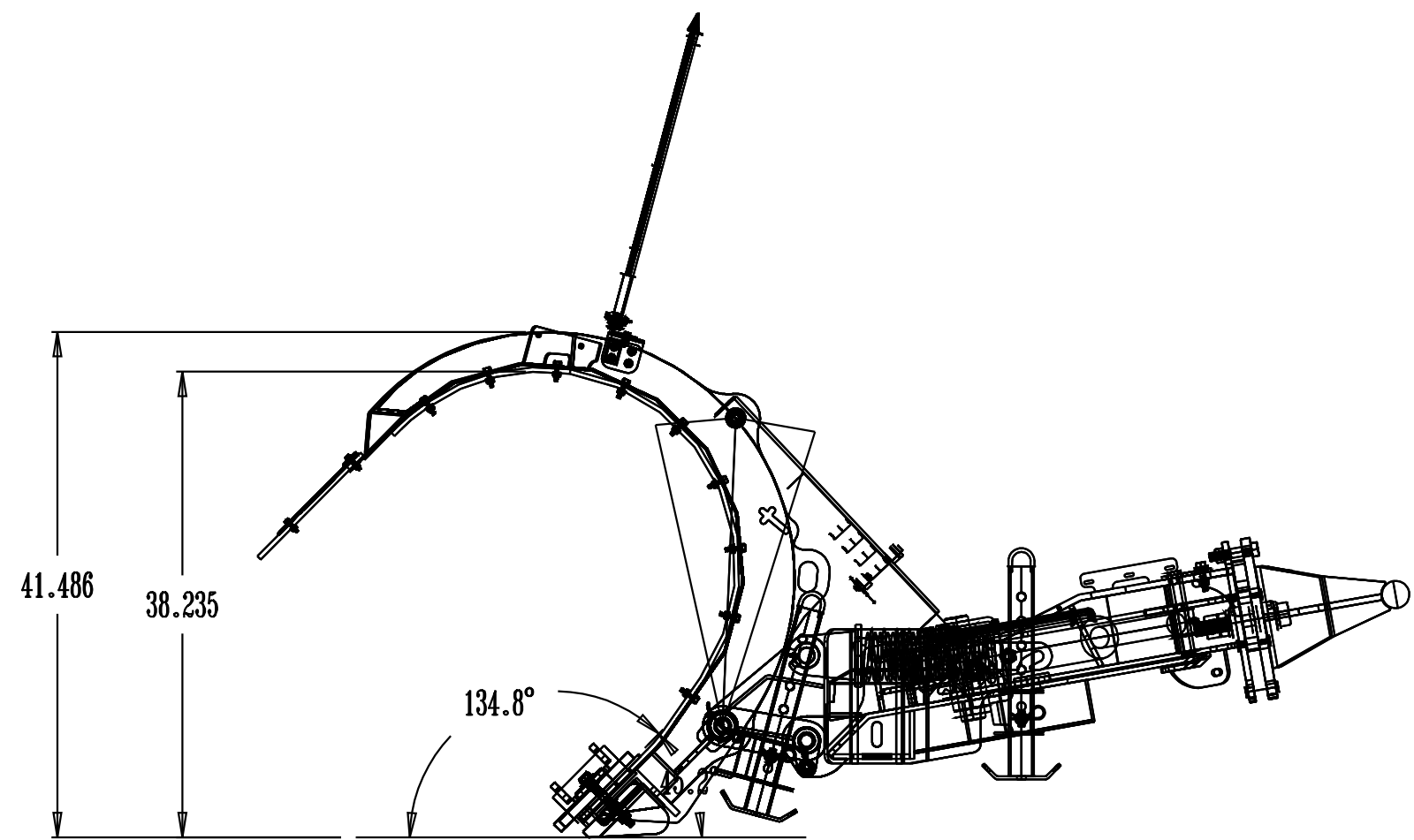
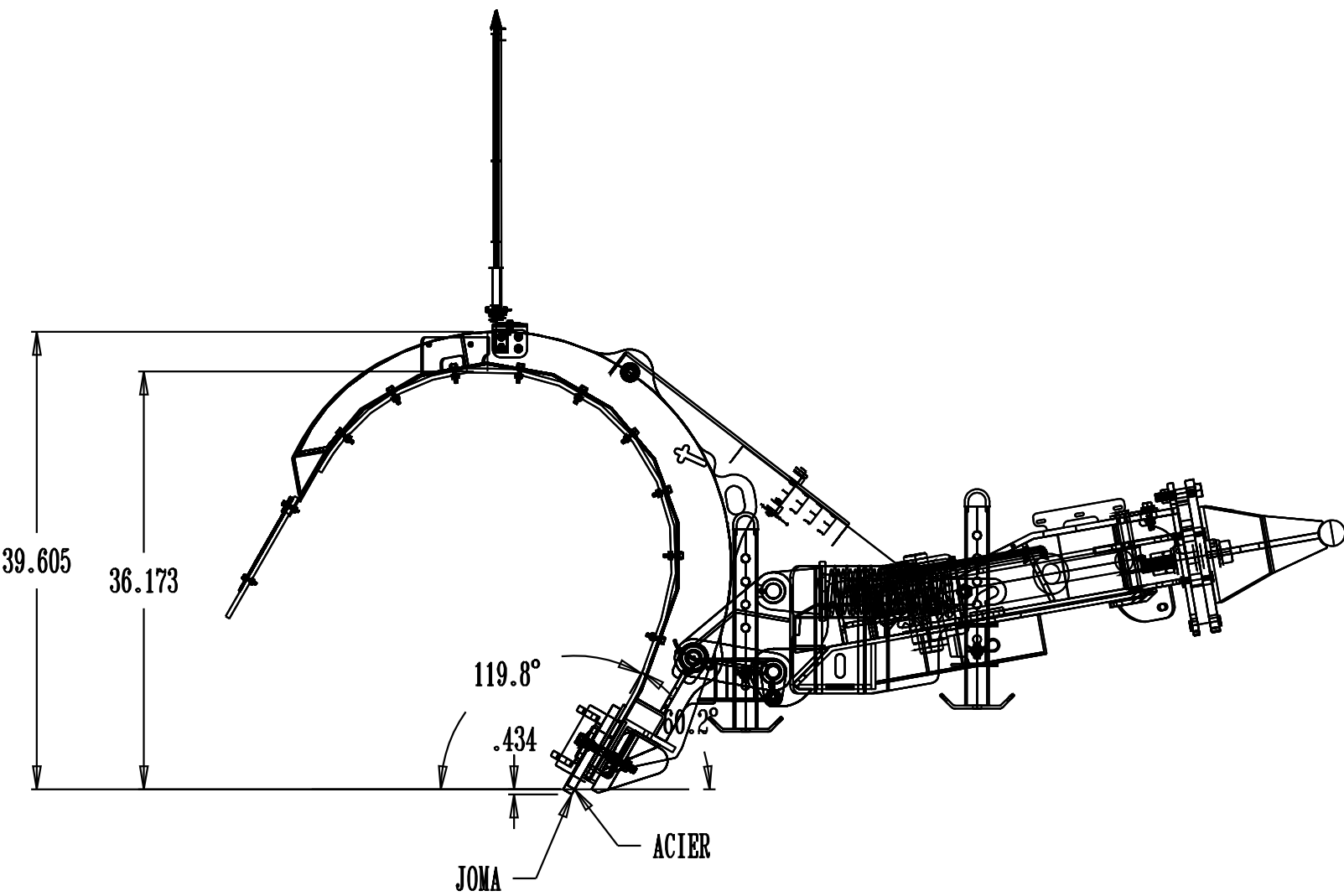












The  
**CANADIAN TRANSPORTATION EQUIPMENT ASSOCIATION**

*Congratulates*

**Equipements Lourds Papineau Inc.**

*for*

*Qualifying for Transport Canada's  
Authorization to apply your*

***NATIONAL SAFETY MARK (NSM)***



*for Commercial Vehicles  
in the following categories:*

*Final Stage - body and equipment*

**2009**

Aebi Schmidt Canada Inc.  
1186 route 321 Nord (C.P. 5040) | CA J0V 1W0 Saint-André-Avellin (QC)Village of Masset  
PO Box 68  
Masset, BC, V0T 1M0  
Attn: Alam Smith, CAO

December 14, 2021

**Subject: RFP No. 2021-4 MASSET 4x4 Plow Truck**  
**Client References**

ELP is a wholly owned subsidiary of Aebi Schmidt Canada Inc. ELP has been manufacturing and installing the highest quality snow removal equipment for more than 20 years. Following are 3 references :

Equipment Description	Freightliner with ELP snow removal equipment
Approximate Value	300K
Owner	United Counties of Prescott Russell
Reference Contact	Guy Tessier
Telephone and Email	gtessier@prescott-russell.on.ca

Equipment Description	Freightliner with ELP snow removal equipment
Approximate Value	300K
Owner	Mainroad Chinook Contracting
Reference Contact	James Hiebert
Telephone and Email	587-296-2901, jheibert@mainroad.ca

Equipment Description	Frieightliner with ELP snow removal equipment
Approximate Value	300K
Owner	CoCo Paving Inc
Reference Contact	Ernie Scerbo
Telephone and Email	519-727-3838

**MERITOR® COMMERCIAL VEHICLE SYSTEMS**



**WARRANTY / MODEL  
YEAR 2013 VEHICLES**



**MERITOR®**

# SIMPLER IS BETTER

**Warranty coverage is essential to protecting your investment. But understanding the full details of your coverage can be challenging. This straightforward approach allows you, our valued customer, to better understand how your specific vehicle applications will be covered.**

## **ADVANTAGE PROGRAM**

---

Purchasing additional coverage on select components will continue to safeguard your investment against major repair costs after the initial base coverage expires. You can find out more about the Advantage Program by visiting [www.meritor.com](http://www.meritor.com) or by contacting Meritor at 866-OnTrac1 (866-668-7221).

# WARRANTY INFORMATION CONTENTS

Effective Model Year 2013 Vehicles

Linehaul .....	4-5
General Service.....	6-7
Heavy Service .....	8-9
Off-Highway Service .....	10
Terms and Conditions .....	11

## How to Read Warranty Coverage

Number of Years	Mileage (in thousands) Unl=Unlimited	P=Parts Only P&L=Parts & Labor
-----------------	---	-----------------------------------

Models or components that are approved for use by Meritor's vocational guidelines contained in Meritor Publication TP-9441 for axles, SP-8320 for trailer axles, which are not specifically listed, are warranted for one year, unlimited miles, parts only (1/Unl/P).

# LINEHAUL WARRANTY INFORMATION

## LINEHAUL VEHICLES

- Auto Hauler
- Bulk Hauler
- Chip Hauler (Truck)\*
- Doubles
- Flatbed
- General Freight
- Grain Hauler
- Livestock Hauler
- Moving Van
- Pipe Hauler
- Refrigerated Freight
- Tanker
- Triples

\* Chip Hauler vehicles require specific axle models listed below and Linehaul condition to be eligible for Linehaul warranty consideration.

## LINEHAUL TYPICALLY IS

- High mileage operation (over 60,000 miles/year)
- Well maintained major highways of concrete or asphalt construction
- Greater than 30 miles between starting and stopping

**Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.**

## FRONT NON-DRIVE STEER AXLES – 5/750/P&L

FD-965	FF-944	FG-941	MFS-10-144A-N	MFS-13-143A-N
FF-941	FF-961	FG-943	MFS-12-143A-N	MFS-13-144A-N
FF-942	FF-966	MFS-10-122A	MFS-12-144A-N	MFS-14-143A-N
FF-943	FF-967	MFS-10-143A-N	MFS-125-143A-N	

## CLUTCHES

15.5" Manual-Adjust Clutch <sup>1</sup>	1/100/P&L
15.5" TwinXTend Self-Adjust Clutch <sup>1</sup>	3/350/P&L
17" FreedomLine Clutch <sup>1,2</sup>	3/350/P&L

<sup>1</sup> Clutches are warranted by ZF Sachs and administered by Meritor.

<sup>2</sup> Freedomline clutch consists of cover assembly and disc assembly.

## REAR DRIVE SINGLE AXLES – 5/750/P&L

RS-19-144/145/A	RS-21-160	RS-23-161
MS-19-14X	RH-23-160	RS-23-186
MS-21-144MA-N	RS-23-160	
RS-21-145	RH-23-161	

## REAR DRIVE TANDEM/TRIDEM AXLES – 5/750/P&L

RT-34-144/P/A	MA-40-165	MT-40-943
RT-40-145/P/A	MT-34-14X/P	RZ-166 <sup>2,3</sup>
RT-40-160/P <sup>1,2,3</sup>	MT-40-14X/P	RZ-186
RT-46-160/P <sup>1,2,3</sup>	MT-40-14X/P <sup>2</sup>	RZ-188
RT-46-164EH/P <sup>1,2,3</sup>	MT-40-143	
RT-50-160/P <sup>1,2,3</sup>	MT-40-144/P	

<sup>1</sup> These models required for Chip Hauler and Linehaul warranty consideration.

<sup>2</sup> Warranty is 3/300/P&L when used with 2050 lb.ft. engines. Refer to Product Information Letter #293 for further details.

<sup>3</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

## DRIVELINES

RPL	4/400/P, 1/Unl/P&L
MXL	3/350/P, 1/Unl/P&L
155N	1/Unl/P
92N	1/Unl/P

# LINEHAUL WARRANTY INFORMATION

## BRAKE COMPONENTS

Cam Q Series Trailer Brakes	5/500/P, 1/100/L
LX500 Feature <sup>1</sup>	5/750/P&L
Cam Q Plus™	5/500/P, 1/Unl/P&L
ASA	5/500/P, 1/Unl/P&L
Hubs/Cast Drums and Other Wheel-end Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
X30™ Drums <sup>2</sup>	12-Years or Wearable Life/P
EX Air Disc Brake	5/500/P, 1/Unl/L

<sup>1</sup> Includes: bushing, seal, cam, ASA lubrication and wear coverage of 3/500/P&L.

<sup>2</sup> Based on stamped wear diameter max.

## TRAILER AXLES

Beam and Brackets	5/500/P, 1/100/L
Wheel End Systems <sup>1</sup>	
Standard System <sup>2</sup>	1/100/P&L
PreSet by Meritor <sup>3</sup>	5/500/P&L
AxlePak4 <sup>4</sup>	4P/3L
Beam and Brackets	5/500/P, 1/100/L
AxlePak6 <sup>5</sup>	6P/5L
Beam and Brackets	6/600/P, 1/100/L

<sup>1</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>2</sup> When installed by Meritor.

<sup>3</sup> Requires approved hubcap stating PreSet by Meritor on hubcap face.

<sup>4</sup> Applies to STEMCO Guardian HP Seal, STEMCO Pro-Torq nut, STEMCO Integrated Sentinel Hub Cap, and Meritor bearings.

<sup>5</sup> Applies to STEMCO Guardian HP Seal, STEMCO Pro-Torq nut, STEMCO Integrated Sentinel Hub Cap, and STEMCO matched bearing sets.

(For brake components and ABS coverage, refer to appropriate product warranties.)

## TAG/PUSHER AXLES<sup>1</sup>

TQ, TQD, TR, TRD Beam and Brackets	5/750/P&L
------------------------------------	-----------

<sup>1</sup> For brake components and ABS Coverage, refer to appropriate product warranties.

## MERITOR TIRE INFLATION SYSTEM BY PSI

MTIS Components	3/500/P&L
-----------------	-----------

## TRAILER AIR SUSPENSION SYSTEMS

MPA38/40 (Tandem Axle Parallelogram) <sup>1</sup>	
Major Structural Components	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Shock Absorbers	2/200/P&L
Air Springs	2/200/P, 1/100/L
Bushings	7/Unl/P, 5/Unl/L
PinLoc Air Controls	1/100/P&L
PinLoc Actuator	3/300/P&L
MPA20 (Single Axle Parallelogram)	
Major Structural Components	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Shock Absorbers	2/200/P&L
Air Springs	2/200/P, 1/100/L
Bushings	7/Unl/P, 5/Unl/L
MTA (Trailing Arm)	
Major Structural Components	5/500/P, 1/100/L
Height Control Valve	1/100/P&L
Shock Absorbers	2/200/P&L
Air Springs & Rebound Straps	2/200/P, 1/100/L
Bushings	5/500/P, 3/300/L

<sup>1</sup> Fastener torque coverage is limited to 2/Unl P&L when torqued by Meritor (For axle and ABS coverage, refer to appropriate product warranties.)

## MERITOR WABCO COMPONENTS<sup>1</sup>

ABS (Anti-Lock Braking System) Air/Hydraulic	3/300/P&L
Electronic Stability Control (ESC)	3/300/P&L
Roll Stability Control (RSC)	3/300/P&L
Air Dryers (All)	3/300/P&L
Leveling Valves	1/100/P&L
Air Brake Valves	1/Unl/P&L, 3/300/P
Clutch Controls	2/200/P&L
Air Compressors (ALL) <sup>2</sup>	2/200/P&L
OnGuard™	3/300/P&L
Lane Departure Warning	3/300/P&L
ECAS	3/300/P&L
Trailer Roll Stability Support (RSS)	3/300/P&L
Trailer Control Line Filter	1/100/P&L
Trailer Control Line Filter with ABS Valve	4/400/P, 1/100/L
Trailer ABS Valve with Control Line Filter	4/400/P, 3/300/L
Actuator	3/300/P&L

<sup>1</sup> Warranted by Meritor WABCO Vehicle Control Systems.

<sup>2</sup> WABCO compressors installed on Cummins, Mercedes, and DDC engines are not warranted or serviced by Meritor WABCO. Please contact your respective dealer/distributor of those engines for warranty and servicing.

# GENERAL SERVICE WARRANTY INFORMATION

## GENERAL SERVICE VEHICLES

- Aerial Ladder Truck
- Aerial Platform
- Ambulance
- Auto Hauler
- Beverage Truck
- Chip Hauler
- Cross Country Coach
- Flatbed
- Front Engine Commercial Chassis
- Front Engine Integral Coach
- General Freight
- Intercity Coach
- Intermodal Chassis
- Livestock Hauler
- Meat Packer
- Moving Van
- Municipal Truck
- Newspaper Delivery
- Pick-Up and Delivery
- Pipe Hauler
- Platform Auto Hauler
- Pumper
- Rear Engine Integral Coach
- Recreational Vehicles
- Refrigerated Freight
- School Bus
- Stake Truck
- Tanker
- Tanker Truck
- Tour Bus
- Wrecker

## GENERAL SERVICE TYPICALLY IS

- Lower mileage operations (less than 60,000 miles/year)
- Generally, on-road service (less than 10% off-road)
- An average of three (3) miles between starting and stopping

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.

## FRONT DRIVE/NON-DRIVE STEER AXLES – 2/UNL/P&L

FD-965	FF-966	MFS-6-151A-N	MFS-7-163C-N	MFS-10-144A-N	MFS-14-143A-N
FF-941	FF-967	MFS-6-153B-N	MFS-8-113B-N	MFS-12-143A-N	MFS-16-122A-N
FF-942	FG-941	MFS-6-162B-N	MFS-8-143A-N	MFS-12-144A-N	MFS-16-143A-N
FF-943	FH-941	MFS-6-153C-N	MFS-8-153B-N	MFS-125-143A-N	MFS-18-133A-N
FF-944	FH-945 <sup>1</sup>	MFS-6-162C-N	MFS-8-163B-N	MFS-13-122A-N	MFS-20-133A-N
FF-946	FL-941	MFS-7-113C-N	MFS-10-122A	MFS-13-143A-N	
FF-961	FL-943	MFS-7-153C-N	MFS-10-143A-N	MFS-13-144A-N	

<sup>1</sup> Can be used in front or tag position.

## FRONT NON-DRIVE STEER AXLES WITH UNITIZED WHEEL ENDS – 3/500K/P&L<sup>1</sup>

FH-941  
FH-946

<sup>1</sup> Includes: hub, wheel seals and wheel bearings.

## REAR DRIVE TANDEM/TRIDEM AXLES – 3/UNL/P&L

RT-40-160/P	RT-46-164EH/P
RT-46-160/P	RT-50-160/P

## DRIVELINES

RPL	4/400/P, 1/Unl/P&L
MXL	3/350/P, 1/Unl/P&L
155N	1/Unl/P
92N	1/Unl/P

## REAR DRIVE SINGLE AXLES – 2/UNL/P&L

MS-10-113	RS-19-144/145/A	RC-23-160	RS-23-161	RS-30-185
MS-11-113	MS-21-14X	RC-23-161	RS-23-161	MS-30-616
MS-12-113	MS-21-144MA-N	RC-23-162 <sup>1</sup>	RS-23-186	RS-35-380
MS-17-14X	RS-21-145	RC-23-165 <sup>1</sup>	RS-24-160	71063
MS-19-14X	RS-21-145/A	RH-23-160	RC-25-160	71162
RS-13-120	RS-21-160	RH-23-161	RS-25-160	71163
RS-15-120	RC-22-145	RS-23-160	RS-26-185	
RS-17-144/145/A	RC-22-145/A	RS-23-160	MS-26-616	

<sup>1</sup> 3/Unl/P&L if PreSet by Meritor.

## CLUTCHES

15.5" HD Clutch <sup>1</sup>	1/100/P&L
15.5" TwinXTend	1/100/P&L
17" FreedomLine Clutch	1/100/P&L

<sup>1</sup> Products with an in-service date prior to 11/01/02 warranted by Meritor Clutch Company.

## REAR DRIVE TANDEM/TRIDEM AXLES – 2/UNL/P&L

MT-34-14X/P	MT-40-144/P	MT-52-616	RZ-166
RT-34-144/P/A	RT-40-145/P/A	RT-52-185 <sup>2</sup>	RZ-186
MT-40-14X/P	MT-44-14X/P	MT-58-616	RZ-188
MT-40-143DA-N	RT-44-145/P	RT-58-185 <sup>2</sup>	
MT-40-143MA-N <sup>1</sup>	RT-46-169	MT-70-380	

<sup>1</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>2</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

# GENERAL SERVICE WARRANTY INFORMATION

## BRAKE COMPONENTS

Cam Q Series Trailer Brakes	3/Unl/P, 1/Unl/L
LX500 Feature <sup>1</sup>	3/Unl/P&L
Cam P <sup>3</sup>	2/200/P
Cam	3/Unl/P
Cam Q Plus™	3/Unl/P&L
Cam Q Plus™ <sup>3</sup>	2/200/P&L
ASA	3/Unl/P
ASA3	2/200/P
Hubs/Cast Drums and Other Wheel-end Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
X30™ Drums <sup>2</sup>	12-Years or Wearable Life/P
EX Air Disc Brake	2/Unl/P&L

<sup>1</sup> Includes: bushing, seal, cam, ASA lubrication and wear coverage of 1/Unl/P.

<sup>2</sup> Based on stamped wear diameter max.

<sup>3</sup> Applies to Tour Bus and Cross Country Coach only.

## TRAILER AXLES

Beam and Brackets <sup>1</sup>	5/500/P, 1/100/L
Wheel End Systems <sup>2</sup>	
Standard System <sup>3</sup>	1/Unl/P&L
AxlePak4 <sup>4</sup>	4P/3L
Beam and Brackets	5/500/P, 1/100/L
AxlePak6 <sup>5</sup>	6P/5L
Beam and Brackets	6/600/P, 1/100/L

<sup>1</sup> 9000 Series is 3/Unl/P, 1/Unl/L

<sup>2</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>3</sup> When installed by Meritor

<sup>4</sup> Applies to STEMC Guardian HP Seal, STEMC Pro-Torq nut, STEMC Integrated Sentinel Hub Cap, and Meritor bearings.

<sup>5</sup> Applies to STEMC Guardian HP Seal, STEMC Pro-Torq nut, STEMC Integrated Sentinel Hub Cap, and STEMC matched bearing sets.

(For brake components and ABS coverage, refer to appropriate product warranties.)

## MERITOR WABCO COMPONENTS<sup>1</sup>

ABS (Anti-Lock Braking System) Air/Hydraulic	3/300/P&L
Electronic Stability Control (ESC)	3/300/P&L
Truck Roll Stability Control (RSC)	3/300/P&L
Air Dryers (ALL)	3/300/P&L
Leveling Valves	1/Unl/P&L
Air Brake Valves	1/Unl/P&L, 2/200/P
Clutch Controls	2/200/P&L
Air Compressors (ALL) <sup>2</sup>	2/200/P&L
OnGuard™	3/300/P&L
Trailer Roll Stability Support (RSS)	3/300/P&L
Trailer Control Line Filter	1/100/P&L
Trailer Control Line Filter with ABS Valve	4/400/P, 1/100/L
Trailer ABS Valve with Control Line Filter	4/400/P, 3/300/L
Actuator	3/300/P&L

<sup>1</sup> Warranted by Meritor WABCO Vehicle Control Systems.

<sup>2</sup> WABCO compressors installed on Cummins, Mercedes, and Volvo engines are not warranted or serviced by Meritor WABCO. Please contact your respective dealer/distributor of those engines for warranty and servicing.

## CHASSIS AXLES (2000 SERIES/CHASSIPAK)

Beam & Brackets	6/Unl/P, 1/Unl/L
Wheel End Systems <sup>1</sup>	
Standard System	1/Unl/P&L
AxlePak4 <sup>2</sup>	4P/3L
Beam and Brackets	7P/1L
AxlePak6 <sup>3</sup>	6P/5L
Beam and Brackets	7P/1L

<sup>1</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>2</sup> Applies to STEMC Guardian HP Seal, STEMC Pro-Torq nut, STEMC Integrated Sentinel Hub Cap, and Meritor bearings.

<sup>3</sup> Applies to STEMC Guardian HP Seal, STEMC Pro-Torq nut, STEMC Integrated Sentinel Hub Cap, and STEMC matched bearing sets.

## TRAILER AIR SUSPENSION SYSTEMS

MPA38/40 (Tandem Axle Parallelogram) <sup>1</sup>	
Major Structural Components	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs	2/Unl/P, 1/Unl/L
Bushings	7/Unl/P, 5/Unl/L
Air Controls	1/100/P&L
Air Actuator	3/300/P&L
MPA20 (Single Axle Parallelogram)	
Major Structural Components	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs	2/Unl/P, 1/Unl/L
Bushings	7/Unl/P, 5/Unl/L
MTA (Trailing Arm)	
Major Structural Components	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs and Rebound Straps	2/Unl/P, 1/Unl/L
Bushings <sup>2</sup>	5/Unl/P, 3/Unl/L

(For axle and ABS coverage, refer to appropriate product warranties.)

<sup>1</sup> Fastener torque coverage is limited to 2/Unl P&L when torqued by Meritor

<sup>2</sup> Raw wood applications 3/Unl/P, 1/Unl/L

## TAG/PUSHER AXLES<sup>1</sup>

TQ, TQD, TR, TRD Beam and Brackets	3/Unl/P, 1/Unl/L
MC12002 <sup>1</sup> , MC16003 <sup>2</sup>	2/Unl/P&L

(For brake components and ABS coverage, refer to appropriate product warranties.)

<sup>1</sup> 3/UNL/P&L if sold with PreSet by Meritor.

<sup>2</sup> 3/UNL/P&L if sold w/unitized wheel ends.

## MERITOR® TIRE INFLATION SYSTEM BY PSI

MTIS Components	3/500/P&L
-----------------	-----------

# HEAVY SERVICE WARRANTY INFORMATION

## HEAVY SERVICE VEHICLES

- Airport Rescue Fire (ARF)
- Airport Shuttle
- Asphalt Truck
- Block Truck
- Bottom Dump Trailer Combination
- Cementing Vehicle
- City Bus
- Commercial Pick-Up
- Concrete Pumper
- Construction Material Hauler
- Crash Fire Rescue (CFR)
- Mixer
- Demolition
- Drill Rig
- Dump
- Emergency Service
- Equipment Hauling
- Flatbed Trailer Hauler
- Flatbed Truck
- Fracturing Truck
- Front Loader
- Geophysical Exploration
- Hopper Trailer Combinations
- Landscaping Truck
- Liquid Waste Hauler
- Log Hauling
- Lowboy
- Michigan Special Gravel Trains
- Michigan Special Log Hauler
- Michigan Special Steel Hauler
- Michigan Special Waste Vehicle
- Municipal Dump
- Rapid Intervention Vehicle (RIV)
- Rear Loader
- Recycling Truck
- Residential Pick-Up
- Rigging Truck
- Roll-Off
- Scrap Truck
- Semi-End Dump
- Sewer/Septic Vacuum
- Shuttle Bus
- Side Loader
- Snowplow/Snowblower
- Steel Hauling
- Tanker
- Tank Truck
- Tractors with Pole Trailers
- Tractor/Trailer with Jeeps
- Transfer Dump
- Transfer Vehicle
- Transit Bus
- Trolley
- Utility Truck
- Winch Truck

## HEAVY SERVICE TYPICALLY IS

- Moderate mileage operation (less than 60,000 miles per year)
- On/Off road vocations (10% or more off-road)
- Moderate to frequent stops/starts (up to 10 stops per mile)

**Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.**

## FRONT DRIVE/NON-DRIVE STEER AXLES – 2/UNL/P&L

FD-965	FG-941	MFS-6-162B	MFS-10-143A-N	MFS-16-122A-N	MX-16-120
FF-941	FG-943	MFS-6-162C	MFS-10-144A-N	MFS-16-143A-N	MX-17-140
FF-942	FH-941	MFS-7-113C-N	MFS-12-143A-N	RF-16-145	MX-19-140
FF-943	FH-945	MFS-7-153C-N	MFS-12-144A-N	MFS-18-133A-N	MX-21-140
FF-944	FH-946	MFS-7-163C-N	MFS-12-155	MFS-20-133A-N	MX-21-160
FF-946	FL-941	MFS-8-113B-N	MFS-13-143A-N	RF-21-160	MX-23-160
FF-961	FL-943	MFS-8-153B-N	MFS-13-144A-N	MX-10-120	MX-23-810
FF-966	MFS-6-151A-N	MFS-8-163B-N	MFS-13-155	MX-12-120	
FF-967	MFS-6-153B	MFS-10-122A	MFS-14-143A-N	MX-14-120	

## CLUTCHES

15.5" HD Clutch <sup>1</sup>	1/100/P&L
15.5" TwinXTend	1/100/P&L
17" FreedomLine Clutch	1/100/P&L

<sup>1</sup> Products with an in-service date prior to 11/01/02 warranted by Meritor Clutch Company.

## DRIVELINES – 1/UNL/P&L

RPL	92N	RN	MXL
-----	-----	----	-----

## REAR DRIVE SINGLE AXLES – 2/UNL/P&L

MS-10-113	RC-23-160	MS-26-616
RS-13-120	RH-23-160	RS-26-185/380
RS-15-120	RS-23-160	MS-30-616
MS-17-14X	RS-23-160	RH-30-185
RS-17-144/145/A	RC-23-161	RS-30-185/380
MS-19-14X	RH-23-161	MS-35-380
RS-19-144	RS-23-161	RS-38-380
MS-21-114	RS-23-186/380	RC-25-160
MS-21-14X	RC-23-162	RC-26-633
RS-21-145	RC-23-165	MT-58-616
RS-21-145/A	RS-24-160	71162
RS-21-160	RS-25-160	71163
RC-22-145	RH-26-185	

# HEAVY SERVICE WARRANTY INFORMATION

## REAR DRIVE TANDEM/TRIDEM AXLES – 2/UNL/P&L

MT-34-14X/P	MT-40-144	RT-46-169	RT-70-380 <sup>5</sup>
RT-34-144/P/A	MT-40-144/P	MT-52-616	MT-70-380
MT-40-14X/P	RT-40-145/P/A	RT-52-185/380 <sup>2,3,4,5</sup>	RZ-166 <sup>5</sup>
MT-40-143DA-N	MT-44-14X/P	MT-58-616	RZ-186 <sup>5</sup>
MT-40-143MA-N <sup>1</sup>	RT-44-145/P	RT-58-185/380 <sup>2,3,4,5</sup>	RZ-188 <sup>5</sup>

<sup>1</sup> U.S. only. Canadian warranty = 1/Unl/P for combination vehicles only.

<sup>2</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>3</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>4</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

<sup>5</sup> Warranty is 1/Unl/P&L when used with 2050 lb.ft. engines. Refer to Product Information Letter #293 for further details.

## BRAKE COMPONENTS

Cam P	3/Unl/P
Cam P <sup>3</sup>	2/100/P
Cam Cast Plus™	2/100/P&L
Cam Q Plus™	3/Unl/P&L
Cam Q Plus™ <sup>2</sup>	2/100/P&L
ASA	3/Unl/P
ASA <sup>2</sup>	2/100/P
Hubs/Cast Drums and Other Wheel-end Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
X30™ Drums <sup>1</sup>	12-Years or Wearable Life/P
EX Air Disc Brake	2/100/P&L

<sup>1</sup> Based on stamped wear diameter max.

<sup>2</sup> Applies to City Bus, Trolley, Shuttle Bus and Airport Shuttle only.

<sup>3</sup> Warranty for all non-Meritor ASAs supplied by Meritor for all Heavy Service vocations is 1/100/P.

## REAR DRIVE TANDEM/TRIDEM AXLES – 3/UNL/P&L

RT-40-160/P/A <sup>3,4</sup>
RT-46-160/P/A <sup>1,3,4</sup>
RT-46-164EH/P/A <sup>2,3,4</sup>
RT-50-160/P/A <sup>3,4</sup>

<sup>1</sup> U.S. only. Canadian warranty = 1/Unl/P for combination vehicles only.

<sup>2</sup> Axle model designated will vary according to options and variations specified on these axles. Contact Meritor Axle Applications Engineering for details.

<sup>3</sup> Warranty is 1/Unl/P&L when used with 2050 lb.ft. engines. Refer to Product Information Letter #293 for further details.

<sup>4</sup> Each vehicle must have a Request for Application Recommendation (RAR) approved by Meritor prior to vehicle build. All RARs must identify the chassis number or VIN. Refer to Product Information Letter #303 and #396 for further details.

## TRAILER AIR SUSPENSION SYSTEMS

MTA (Trailing Arm)	
Major Structural Components <sup>1</sup>	5/Unl/P, 1/Unl/L
Height Control Valve	1/Unl/P&L
Shock Absorbers	2/Unl/P&L
Air Springs	2/Unl/P, 1/Unl/L
Bushings <sup>1</sup>	5/Unl/P, 3/Unl/L

<sup>1</sup> Raw wood applications 3/Unl/P, 1/Unl/L

(For axle and ABS coverage, refer to appropriate product warranties.)

## CENTER NON-DRIVE AXLES – 2/100/P&L

61042	61053
61043	71063
61052	RC-26-700

## AIR LINK™ 2/200/P&L<sup>1,2</sup>

MWA46	
MWA52	
<sup>1</sup> Coverage includes Hangers, Trailing Arms, Walking Beams	
<sup>2</sup> Bushings, Air Bag, Shock Absorbers 1/50/P	

## MERITOR TIRE INFLATION SYSTEM BY PSI

MTIS Components	3/500/P&L
-----------------	-----------

## TRAILER AXLES

Beam and Brackets <sup>1</sup>	5/Unl/P, 1/Unl/L
Wheel End Systems <sup>2</sup>	
Standard System <sup>3</sup>	1/Unl/P&L

<sup>1</sup> 9000 Series is 3/Unl/P, 1/Unl/L.

<sup>2</sup> Includes hub, wheel seals and wheel bearings—all systems require annual inspections and proper documentation to ensure full coverage.

<sup>3</sup> When installed by Meritor.

(For brake components and ABS coverage, refer to appropriate product warranties.)

## MERITOR WABCO COMPONENTS<sup>1</sup>

ABS (Anti-Lock Braking System) Air/Hydraulic	3/300/P&L
Electronic Stability Control (ESC)	3/300/P&L
Truck Roll Stability Control (RSC)	3/300/P&L
Air Dryers (ALL)	1/100/P&L
Leveling Valves	1/Unl/P&L
Air Brake Valves	1/100/P&L
Clutch Controls	2/200/P&L
Air Compressors (ALL) <sup>2</sup>	1/100/P&L
OnGuard™	3/300/P&L
Trailer Roll Stability Support (RSS)	3/300/P&L
Trailer Control Line Filter	1/100/P&L
Trailer Control Line Filter with ABS Valve	4/400/P, 1/100/L
Trailer ABS Valve with Control Line Filter	4/400/P, 3/300/L
Actuator	1/100/P&L

<sup>1</sup> Warranted by Meritor WABCO Vehicle Control Systems.

<sup>2</sup> WABCO compressors installed on Cummins, Mercedes, and DDC engines are not warranted or serviced by Meritor WABCO. Please contact your respective dealer/distributor of those engines for warranty and servicing.

## TRANSFER CASES – 1/UNL/P

MTC-4208	MTC-4213	T-2119
MTC-4210	T-2111	T-2120

## REAR ENGINE POWER TAKE-OFFS 1/UNL/P

# OFF-HIGHWAY SERVICE WARRANTY INFORMATION

## INDUSTRIAL AND OFF-HIGHWAY SERVICE VEHICLES

- Load-On/Load-Off
- Port Tractor
- Rail Yard Spotter
- Roll-On/Roll-Off
- Stevedoring Tractor
- Trailer Spotter
- Yard Jockey
- All-Terrain Crane
- Rough Terrain Crane
- Forestry
- Material Handling
- Specialized Heavy Haul
- Specialized Mining
- Excavator
- Compactor
- Fertilizer Spreader
- Snow Blower
- Mining
- Rail Car Mover
- Loader
- Tow Tractor
- Pushback Tractor

## INDUSTRIAL AND OFF-HIGHWAY SERVICE TYPICALLY IS

- Low mileage operation
- Low speed vehicle speed restriction
- Vehicles are **not** typically licensed for highway use
- Six (6) starts/stops per mile (typical)

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor WABCO, and ZF engineering approvals. Refer to TP-9441 for axles and/or contact Meritor regarding specific application approval questions on any product line.

## DRIVE STEER AXLES – 1/UNL/P

MOR	MOX	MOC
-----	-----	-----

## FRONT NON-DRIVE STEER AXLES – 1/UNL/P

FF - 941	FL - 943	MFS-16-143A-N
FF - 943	MFS-12-143A-N	MFS-18-133A-N
FF - 961	MFS-12-144A-N	MFS-20-133A-N
FF - 966	MFS-13-143A-N	MON-ZO FAMILY
FG - 941	MFS-13-144A-N	
FG - 943	MFS-14-143A-N	
FL - 941	MFS-16-122A-N	

## PLANETARY AXLES – 1/UNL/P

MOR	MOX	MOC	MOT
-----	-----	-----	-----

## REAR DRIVE SINGLE AXLES – 1/UNL/P

RS-23-186	MS-30-616	MS-35-380
RS-23-380	RS-30-185	
RS-24-160	RS-30-380	

## DRIVELINES – 1/UNL/P

RPL	RN	MXL
-----	----	-----

## REAR DRIVE TANDEM AXLES – 1/UNL/P

MT-44-14X/P	MT-70-380	RT-46-164EH/P
MT-52-616	RT-44-145/P	RT-50-160/P
MT-58-616	RT-46-160/P	

## BRAKE COMPONENTS

Cam P	3/Unl/P
Cam Q Plus™	3/Unl/P&L
ASA	3/Unl/P
Hubs/Cast Drums and Other Wheel-end Components	1/Unl/P
Hydraulic Disc Brakes	1/Unl/P
All Other Brakes	1/Unl/P
LX500 Feature <sup>1</sup>	1/Unl/P

<sup>1</sup> Includes: bushing, seal, cam and ASA.

<sup>2</sup> Based on stamped wear diameter max.

## MERITOR WABCO COMPONENTS<sup>1</sup>

ABS (Anti-Lock Braking System) Air/Hydraulic	3/300/P&L
Air Dryers (ALL)	1/100/P&L
Leveling Valves	1/Unl/P&L
Air Brake Valves	1/100/P
Clutch Controls	2/200/P&L
Air Compressors <sup>2</sup>	1/100/P&L
Actuator	1/100/P&L

<sup>1</sup> Warranted by Meritor WABCO Vehicle Control Systems.

<sup>2</sup> WABCO compressors installed on Cummins, Mercedes, and DDC engines are not warranted or serviced by Meritor WABCO. Please contact your respective dealer/distributor of those engines for warranty and servicing.

# TERMS AND CONDITIONS

## COVERAGE EXCLUSIONS:

### Product Description

#### All

The cost of any repairs, replacements or adjustments to a covered component (1) associated with noise; (2) resulting from the use or installation of non-genuine Meritor components or materials; (3) due to vibration associated with improper operation or misapplication of drivetrain components; and (4) damage resulting from corrosion.

#### Front Axles

King Pin Bushings.

#### Rear Axles

Self-contained traction equalizers and oil filters. The use of NoSPIN differentials will result in the exclusion of axle shafts from warranty considerations. NoSPIN is a product of Eaton.

#### Clutch

Friction face and mating surface of center and pressure plate, wear pads and clutch brake.

#### ASA

Boot and bushing. Bent, broken, over-torqued, missing or otherwise damaged pawl assemblies.

#### ABS, Electronic Stability Control (ESC), Roll Stability Control (RSC) and OnGuard

Cut, broken, chaffed or otherwise damaged cable wires. Damaged sensors from removal when seized in block, or sensor adjustments/alignments. Valve failures due to contamination in air system. E.C.U. failures due to excessive over-voltage conditions.

#### Air Dryers

Mounting brackets (see vehicle OEM). Desiccant cartridge housing only.

#### Air System Components

Gladhand seals, dash valve knobs, valve actuation handles, treadles, pedals. Water and other contamination damage that is due to the use of a non-genuine air dryer cartridge will not be covered.

#### Cam Brake

Brake lining wear and brake shoe "rust-jacking."

#### Disc Brake

Pad wear, rotor wear.

## COVERAGE LIMITATIONS:

### Product Description

#### All

Any claim beyond 60 days from date of repair will not be accepted or honored under this warranty program.

#### Front Axles

Tie rod and tie rod ends limited to 3-year/300,000-mile or published vocational coverage, whichever is less. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

#### Rear Axles

Pinion and through shaft seals limited to 3-year/300,000-mile or published vocational coverage, whichever is less, if yoke is installed by Meritor. If yoke is not installed by Meritor, then Meritor does not warrant pinion seals. Wheel seals, gaskets and wheel bearings are covered for 1 year/unlimited miles if the wheel end equipment is supplied and assembled by Meritor.

#### Rear Axles

The Meritor® breather part number A-2297-C-8765 with A-3196-J-1336 hose must be used for eligibility of any potential warranty consideration relating to contamination and/or loss of lube in axles.

#### Cam Brake

Limited to bracket, brake spider and camshaft structural integrity.

#### X30

Wearable life is up to the discard diameter of the drum.

#### Disc Brake

Warranty coverage for boots, seals, bushings and pins is 2/200/P. Warranty coverage for pads is 1/100/P.

Warranty coverage on vehicles with 1,850 lb-ft engine torque and over may be reduced on individual drivetrain components. Contact your Meritor representative for specific details.

# TERMS AND CONDITIONS

## (1) What is Covered by this Commercial Warranty?

Meritor Inc. warrants to the owner ("Owner") that the components listed in this publication, which have been installed by an Original Equipment Manufacturer ("OEM") as original equipment in vehicles licensed for on-highway use, will be free from defects in material and workmanship. This warranty coverage begins only after the expiration of the OEM's vehicle warranty for the applicable covered components. Warranty coverage ends at the expiration of the applicable time period from the date of vehicle purchase by the first Owner, or, the applicable mileage limitation, whichever occurs first. Duration of coverage varies by component and vocation as detailed elsewhere in this warranty statement.

Some components are warranted for parts only and the Owner must pay any labor costs associated with the repair or replacement of the component. Other components are warranted for both parts and reasonable labor to repair or replace the subject component. Components (whether new, used or remanufactured) installed as replacements under this warranty are warranted only for the remainder of the original period of time or mileage under the original warranty.

For certain components, coverage requires the use of specific extended drain interval or synthetic lubricants. For further information about lubrication and maintenance, see Meritor publication Maintenance Manual Number I and the applicable Meritor maintenance manual for the product in question. Other conditions and limitations applicable to this warranty are detailed below.

## (2) Designation of Vocational Use Required.

To obtain warranty coverage, each Owner must notify Meritor through the OEM new truck and/or trailer dealer of the intended vocational use of the vehicle into which the Meritor components have been incorporated prior to the vehicle in-service date. This notification may be accomplished by registering the vehicle through your OEM new truck and/or trailer dealer or with Meritor directly. Failure to notify Meritor of (I) the intended vocational use of the vehicle or (II) a change in vocational use from that which was originally designated, will result in the application of a one year, unlimited mileage, parts only warranty (1/Unl/P) from the initial in-service date.

A second Owner and each subsequent Owner must also notify Meritor as to the intended vocational use of the vehicle. This notification can be sent directly to Meritor or through the OEM new truck and/or trailer dealer. The duration and mileage coverage of this warranty cannot exceed the coverage extended to the first Owner after his or her initial designation of vocational use.

Coverage under Meritor's warranty requires that the application of products be properly approved pursuant to OEM, Meritor, Meritor-WABCO, and ZF engineering approvals. Refer to TP-9441 for axles, SP-8320 for trailer axles, and/or contact Meritor regarding specific application approval questions on any product line.

## (3) What is the Cost of this Warranty?

There is no charge to the Owner for this warranty.

## (4) What is not Covered by this Warranty?

This warranty does not cover normal wear and tear; nor does it cover a component that fails, malfunctions or is damaged as a result of (I) improper installation, adjustment, repair or modification (including the use of unauthorized attachments or changes or modification in the vehicle's configuration, usage, or vocation from that which was originally approved by Meritor), (II) accident, natural disaster, abuse, or improper use (including loading beyond the specified maximum vehicle weight or altering engine power settings to exceed the transmission, axle, driveline, and/or clutch torque capacity), or (III) improper or insufficient maintenance (including deviation from approved lubricants, change intervals, or lube levels). This warranty does not cover any component or part that is not sold by Meritor. For vehicles that operate full or part time outside of the United States and Canada, a one year, unlimited mileage, parts only warranty (1/Unl/P) will apply.

## (5) Remedy.

The exclusive remedy under this warranty shall be the repair or replacement of the defective component at Meritor's option. Meritor reserves the right to require that all applicable failed materials are available and/or returned to Meritor for review and evaluation.

## (6) Disclaimer of Warranty.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESSED, IMPLIED OR STATUTORY INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

## (7) Limitation of Remedies.

In no event shall Meritor be liable for special, incidental, indirect, or consequential damages of any kind or under any legal theory, including, but not limited to, towing, downtime, lost productivity, cargo damage, taxes, or any other losses or costs resulting from a defective covered component.

## (8) To Obtain Service.

If the Owner discovers within the applicable coverage period a defect in material or workmanship, the Owner must promptly give notice to either Meritor or the dealer from which the vehicle was purchased. To obtain service, the vehicle must be taken to any participating OEM new truck and/or trailer dealer or authorized Meritor service location. The dealer will inspect the vehicle and contact Meritor for an evaluation of the claim. When authorized by Meritor, the dealer will repair or replace during the term of this warranty any defective Meritor component covered by this warranty.

## (9) Entire Agreement.

This is the entire agreement between Meritor and the Owner about warranty and no Meritor employee or dealer is authorized to make any additional warranty on behalf of Meritor. This agreement allocates the responsibilities for component failure between Meritor and the Owner.



**Meritor Heavy Vehicle Systems, LLC**

2135 West Maple Road  
Troy, Michigan 48064 USA

For more information:  
866-OnTrac1 (866-668-7221)  
**meritor.com**

Litho in USA  
©2012 Meritor, Inc.  
SP-95155 Revised 06-12 (47865/11900)

# Time and Distance Tables

## 1.1 Freightliner Level II (Factory Released On or After 01/07/2013)

Level II coverage is not available for vehicles in this vocation:		Mining
Category Determinants		
Road Surface - most severe in-transit between sites	Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil	
	Models with limitations: Columbia, Century, or Coronado - Up to 10% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock	
Gross Combined Weight Rating	140,000 lb/63 505 kg or less -Doubles on NY turnpikes are rated 143,000 lb -Doubles on FL turnpikes are rated 147,000 lb	
Axles and Manufacturer's Gross Vehicle Weight Rating		
2-Axle Unit	49,000 lb/21 000 kg or less	
3-Axle Unit	69,000 lb/31 000 kg or less	
4-Axle Unit	89,000 lb/40 000 kg or less	
5-Axles or More	98,000 lb/44 452 kg or less	
Coverage <sup>1</sup>		
Description	Time <sup>2</sup>	Distance <sup>2</sup>
Basic Vehicle	1 Year	100,000 mi/161 000 km
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	3 Years	150,000 mi/241 000 km
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	300,000 mi/483 000 km
Emission Regulations <sup>3</sup>		
Diesel Emission 2010 <sup>4</sup>	5 Years	100,000 mi/161 000 km
GHG14/17 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks/Tractors)	5 Years	100,000 mi/161 000 km
GHG14/17 <sup>5</sup> Tire (File Direct)	2 Years	24,000 mi/38 400 km
Frame Rails	5 Years	300,000 mi/483 000 km
Front/Steer Axle <sup>6</sup>		
Detroit <sup>7</sup>	2 Years	Unlimited
Non-Detroit	2 Years	100,000 mi/161 000 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Rear Axle <sup>8</sup>		
Detroit <sup>7</sup>	2 Years	Unlimited
Non-Detroit	2 Years	100,000 mi/161 000 km
Transfer Case	2 Years	100,000 mi/161 000 km

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Coverage <sup>1</sup>		
Description	Time <sup>2</sup>	Distance <sup>2</sup>
Transmission <sup>9</sup>		
Detroit DT-12 <sup>7</sup>	5 Years	750,000 mi/1 200 000 km
Non-Detroit	2 Years	100,000 mi/161 000 km

<sup>1</sup> Because Warranty coverage is determined by a unit's specifications, gross combination weight rating, road surface, and vocation, coverage may vary. For unit-specific coverage, Dealers should enter a product serial number or vehicle identification number on the *Coverage Info* screen in OWL; for customers without access to OWL, see ordering Dealer for more information.

<sup>2</sup> Time or distance, whichever comes first.

<sup>3</sup> See *Emission Regulations* subsection that follows or separate engine owner's manual for regulatory information.

<sup>4</sup> Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>5</sup> Applies to models 2013 and later domiciled in the United States and Canada.

<sup>6</sup> Customers will have only one (1) type of front/steer axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd. Front axle coverage is also applicable to gliders. Detroit coverage may vary due to vocation, unit specifications, etc.; table shows the minimum coverage possible. For instructions on accessing unit-specific coverage, please see footnote 1 above.

<sup>7</sup> Access Detroit parchments at *DTNACONnect > Warranty Lit > Coverages > Detroit*; for customers without access, see ordering Dealer for more information.

<sup>8</sup> Customers will have only one (1) type of rear axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd. Detroit coverage may vary due to vocation, unit specifications, etc.; table shows the minimum coverage possible. For instructions on accessing unit-specific coverage, please see footnote 1 above.

<sup>9</sup> Customers will have only one (1) type of transmission coverage, either Detroit or non-Detroit, depending on how the unit is spec'd.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## 1.2 Freightliner Level II (Factory Released Prior to 01/07/2013)

Level II coverage is not available for vehicles in this vocation:		Mining	
Category Determinants			
Road Surface - most severe in-transit between sites	Up to 30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil		
	Models with limitations: Columbia, Century, or Coronado - Up to 10% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock		
Gross Combined Weight Rating	140,000 lb/63 505 kg or less -Doubles on NY turnpikes are rated 143,000 lb -Doubles on FL turnpikes are rated 147,000 lb		
Axles and Manufacturer's Gross Vehicle Weight Rating			
2-Axle Unit	46,000 lb/20 865 kg or less		
3-Axle Unit	66,000 lb/29 937 kg or less		
4-Axle Unit	86,000 lb/39 008 kg or less		
5-Axles or More	98,000 lb/44 452 kg or less		
Coverage <sup>1</sup>			
Description		Time <sup>2</sup>	Distance <sup>2</sup>
Basic Vehicle		1 Year	100,000 mi/161 000 km
Battery		1 Year	100,000 mi/161 000 km
Brightwork		6 Months	Unlimited
Cab Corrosion/Perforation		5 Years	Unlimited
Cab Structure		3 Years	150,000 mi/241 000 km
Corrosion		6 Months	Unlimited
Crossmembers		5 Years	300,000 mi/483 000 km
Emission Regulations <sup>3</sup>			
Diesel Emission 2010 <sup>4</sup>		5 Years	100,000 mi/161 000 km
GHG14/17 <sup>5</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks/Tractors)		5 Years	100,000 mi/161 000 km
GHG14/17 <sup>5</sup> Tire (File Direct)		2 Years	24,000 mi/38 400 km
Frame Rails		5 Years	300,000 mi/483 000 km
Front/Steer Axle <sup>6</sup>			
Detroit <sup>7</sup>		2 Years	Unlimited
Non-Detroit		2 Years	100,000 mi/161 000 km
Paint		1 Year	100,000 mi/161 000 km
Paint, Chassis		6 Months	Unlimited
Rear Axle <sup>8</sup>			
Detroit <sup>7</sup>		2 Years	Unlimited
Non-Detroit		2 Years	100,000 mi/161 000 km
Transfer Case		2 Years	100,000 mi/161 000 km

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Coverage <sup>1</sup>		
Description	Time <sup>2</sup>	Distance <sup>2</sup>
Transmission <sup>9</sup>		
Detroit DT-12 <sup>7</sup>	5 Years	750,000 mi/1 200 000 km
Non-Detroit	2 Years	100,000 mi/161 000 km

<sup>1</sup> Because Warranty coverage is determined by a unit's specifications, gross combination weight rating, road surface, and vocation, coverage may vary. For unit-specific coverage, Dealers should enter a product serial number or vehicle identification number on the *Coverage Info* screen in OWL; for customers without access to OWL, see ordering Dealer for more information.

<sup>2</sup> Time or distance, whichever comes first.

<sup>3</sup> See *Emission Regulations* subsection that follows or separate engine owner's manual for regulatory information.

<sup>4</sup> Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>5</sup> Applies to models 2013 and later domiciled in the United States and Canada.

<sup>6</sup> Customers will have only one (1) type of front/steer axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd. Front axle coverage is also applicable to gliders. Detroit coverage may vary due to vocation, unit specifications, etc.; table shows the minimum coverage possible. For instructions on accessing unit-specific coverage, please see footnote 1 above.

<sup>7</sup> Access Detroit parchments at *DTNACONnect > Warranty Lit > Coverages > Detroit*; for customers without access, see ordering Dealer for more information.

<sup>8</sup> Customers will have only one (1) type of rear axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd. Detroit coverage may vary due to vocation, unit specifications, etc.; table shows the minimum coverage possible. For instructions on accessing unit-specific coverage, please see footnote 1 above.

<sup>9</sup> Customers will have only one (1) type of transmission coverage, either Detroit or non-Detroit, depending on how the unit is spec'd.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

# Coverage Descriptions

Based on a unit's specifications, New Product Limited Warranty (Warranty) coverage applies. For unit-specific coverage information (time/distance amounts and component descriptions), enter a product serial number or vehicle identification number (VIN) on the *Check Info/Check Coverage* screen in Online Warranty Link (OWL). Use time and distance tables in conjunction with the coverage description paragraphs; if a coverage is applicable, it will be included as a row in the table.

## 2.1 Axles

### Front/Steer Axle

#### Detroit

A front/steer axle can be a front powered or non-powered axle. Coverage includes all axle components supplied/manufactured by Detroit Diesel Corporation (Detroit). Warrantable components could include, but not be limited to, I-beam, steering knuckles, differential on drive steer axle, spindles, tie rod ends, kingpins, kingpin bearings, and steering arms. *Excluded components could include, but not be limited to, wheel end equipment and steering linkage components.*

#### Non-Detroit

A front/steer axle can be a front powered or non-powered axle. Coverage applies to factory-installed axles and includes I-beam, steering knuckles, differential on drive steer axle, spindles, kingpins, kingpin bearings, and steering arms. *Excludes wheel end equipment, tie rod ends, steering linkage components, driveline(s), U-joints, kingpin bushings, kingpin seals, tag axle(s), pusher axle(s), and any axle installed by a service location or body builder.*

### Pusher Axle

A pusher axle is a non-driven, weight-bearing axle that can be raised when not required to bear a portion of the load. Since the pusher axle can be of many different configurations, Warranty coverage applies to factory-installed axles and includes all components included in the individual build specification of each individual application. *Excludes any axle installed by a service location or body builder.*

### Rear Axle

#### Detroit

A rear axle could be a drive, non-drive, or tandem axle. Coverage includes all axle components supplied/manufactured by Detroit. Warrantable components could include, but not be limited to, axle housing, carrier assembly, differential assembly, power divider, axle shafts, and gaskets and seals. *Excluded components could include, but not be limited to, suspension and torque rod brackets, tie rod ends, wheel end equipment, wiring, yokes, and attaching hardware.*

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Non-Detroit

A rear axle could be a drive, non-drive, or tandem axle. Coverage applies to factory-installed axles and includes axle housing, carrier assembly, differential assembly, power divider, axle shafts, and gaskets and seals. *Excludes suspension and torque rod brackets, tie rod ends, wheel end equipment, wiring, yokes, driveline(s), U-joints, attaching hardware, tag axle(s), pusher axle(s), and any axle installed by a service location or body builder.*

## Tag Axle

A tag axle is a non-driven, continuous weight-bearing axle. Since the tag axle can be of many different configurations, Warranty coverage applies to factory-installed axles and includes all components included in the individual build specification of each individual application. *Excludes any axle installed by a service location or body builder.*

## 2.2 Basic Chassis/Vehicle

**Note:** Basic Chassis applies to Freightliner Custom Chassis Corporation (FCCC) products; Basic Vehicle applies to Freightliner, Western Star, and Thomas Built Bus (TBB) products.

Coverage includes all factory-installed components of the chassis/vehicle that are not excluded elsewhere in the Warranty or described as having a different time, or distance, or hours, or listed separately on each new vehicle coverage table. See the Warranty Manual for a complete list of exceptions and exclusions. Also excluded are components warranted directly by component manufacturer.

## 2.3 Batteries

### Standard Battery

Coverage includes Alliance\* and NorthStar brand batteries only; claims for all other brands must be submitted directly to the supplier. Includes starting battery assemblies and factory-installed auxiliary power unit (APU) battery assemblies. *Excludes non-Alliance and non-NorthStar brand batteries, battery cables, battery mounting box, and hardware.*

### Cranking Battery Only

Coverage includes Alliance\* or NorthStar brand batteries only; claims for all other brands must be submitted directly to the supplier. Cranking battery warranty includes factory-installed cranking (starter) battery assemblies only. *Excludes APU battery assemblies, non-Alliance and non-NorthStar brand batteries, battery cables, battery mounting box, and hardware.*

### Auxiliary Battery Only

Coverage includes Alliance\* or NorthStar brand batteries only; claims for all other brands must be submitted directly to the supplier. Auxiliary battery warranty includes factory-installed APU battery assemblies only. *Excludes cranking (starter) battery assemblies, non-Alliance and non-NorthStar brand batteries, battery cables, battery mounting box, and hardware.*

\*Detroit brand batteries of the same group and amperage are interchangeable with Alliance brand batteries and carry the same coverage period.

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## 2.4 Brightwork

Coverage includes all factory-installed components with chrome, polished aluminum, or polished stainless steel surfaces. *Excludes any damage to backside of bumpers, and concealed or inner surfaces.*

## 2.5 Cab Corrosion/Perforation

Coverage is limited to rust-through or perforation of the cab and integral sleeper structure and sleeper box due to corrosion from within. *Excludes all conditions of rust or corrosion that have not resulted in rust-through or perforation as well as surface rust or corrosion caused by non-adhesion and any damage to paint such as chips or scratches.*

## 2.6 Cab Structure

Coverage includes cab and integral sleeper structural components, structural components of factory-installed sleeper boxes, sheet metal panels, doors, and hoods. *Excludes all bolt-on components including door and hood hinges, latches, guides, and other mounting hardware.*

## 2.7 Corrosion

Coverage includes Warranty against corrosion to any metal or metal alloy part of the vehicle.

Excludes:

- Corrosion caused by general rust (e.g., rust on the unfinished backside of a bumper)
- Surface rust caused by chips or scratches in the paint or chrome surfaces
- Corrosion caused by severe wash solutions, cleaning solvents, detergents, compounds
- Corrosion caused by salinity in the environment or corrosive salts and/or chemicals used on the road surface
- Corrosion due to improper use, misuse, or abuse, negligence, including improper or insufficient maintenance
- Corrosion due to ocean spray
- Corrosion due to environmental damage, including airborne fallout (includes chemicals, tree sap, etc.), or other atmospheric conditions, or other acts of nature
- Corrosion due to damage caused by high-pressure washing
- Corrosion caused by acid rain or other industrial fallout
- Corrosion due to improper prevention measures during storage or use
- Corrosion or rust on tone rings, rotors, or drums

## 2.8 Cowl Corrosion

Coverage is limited to rust-through or perforation of the cowl due to corrosion from within. *Excludes all conditions of rust or corrosion that have not resulted in rust-through or perforation as well as surface rust or corrosion caused by non-adhesion and any damage to the paint such as chips or scratches.*

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## 2.9 Cowl Structure

Coverage includes cowl structural components, sheet metal panels, and hood. *Excludes all bolt-on components (e.g., hood hinges, latches, guides, or other mounting hardware).*

## 2.10 Crossmembers

Coverage includes crossmembers, gussets, and huck-mounting bolts that attach gussets to crossmembers and gussets/crossmembers to frame rails. *Excludes any bolt-on item attached with either conventional or huck bolts.*

## 2.11 Driveline

Coverage includes driveshaft tubing, U-joints, yokes, support bearings, and splines.

## 2.12 Frame Rails

Coverage is limited to breaking or cracking of factory-installed frame rails, frame rail liners, frame rail extensions, and any item(s) factory welded to them. *Excludes all bolt-on items attached with either conventional or huck bolts.*

## 2.13 Glider

A glider is a vehicle that may be ordered without major components. Coverage includes all components identified on the build specification.

## 2.14 Hybrid Transmission - Eaton

Eaton requires that only hybrid-authorized dealerships work on units equipped with Eaton hybrid parts. Pre-authorization is required prior to repair of these vehicles in order to obtain technical assistance and a pre-authorization number for replacement parts. Eaton hybrid parts will be shipped directly from Eaton and will not be stocked in the Parts Distribution Centers (PDCs) due to the short shelf life and low volume. The following hybrid parts are covered under this Warranty: power electronics carrier (PEC), motor generator, inverter, AC/DC converter, hybrid control module (HCM), transmission control module (TCM), clutch, and electronic clutch actuator (ECA). Coverage does NOT include oil cooler or cooling systems. Please reference Roadranger Warranty Guide TCWY0900 for more information on complete listing of limits and exclusions, as well as terms and conditions.

## 2.15 Paint (Body, Cab, Cowl)

### Body Paint

Coverage includes all factory-painted exterior body surfaces and defects such as orange peel, peeling/delaminating, cracking/checking, or loss of gloss due to cracking, checking, or hazing. *Excludes lack of gloss issues on vehicles painted with low gloss colors; the undersides of hoods and roofs and side mounted air fairings; and any damages to the paint or painted surface such as chips and scratches.*

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Cab Paint

Coverage includes all factory-painted surfaces (except those included in chassis paint coverage) and defects such as orange peel, peeling/delaminating, cracking/checking, or loss of gloss due to cracking, checking, or hazing. *Excludes lack of gloss issues on vehicles painted with low gloss colors; the undersides of hoods and roofs and side mounted air fairings; and any damages to the paint or painted surface such as chips and scratches.*

## Cowl Paint

Coverage includes all factory-painted exterior surfaces of cowl structure (except those included in chassis paint coverage) and defects such as orange peel, peeling/delaminating, cracking/checking, or loss of gloss due to cracking, checking, or hazing. *Excludes lack of gloss issues on vehicles painted with low gloss colors; the undersides of hoods and roofs and side mounted air fairings; and any damages to the paint or painted surface such as chips and scratches.*

## 2.16 Paint (Chassis)

Coverage includes all factory-painted surfaces on frame rails, crossmembers/gussets, front and rear bumpers, suspension components, powertrain components, drivelines, fuel tanks, air tanks, wheel end equipment, tool boxes, battery boxes, access steps, attaching brackets and hardware, and defects such as peeling or non-adhesion. *Excludes U-joints and any damages to paint or painted surface such as chips and scratches.*

## 2.17 Towing/Roadside Assistance

Coverage may include emergency roadside assistance or towing to the nearest Authorized Service Facility for a warrantable repair in a vehicle-down situation that prevents the safe and lawful operation of the vehicle. Verify coverage on the *Coverage Information* screen in OWL; coverage will display as a separate category. If the customer requests towing to a location beyond the distance to the nearest Authorized Service Location, the customer will be responsible for the additional charges.

## 2.18 Transfer Case

Coverage includes housing and all internally lubricated parts. *Excludes broken synchronizer pins, power take-offs (PTOs), airlines, gauge, clutch assemblies, driveline(s), and U-joints.*

## 2.19 Transmission

### Detroit

Coverage includes all transmission components supplied/manufactured by Detroit. *Excludes maintenance items.*

### Non-Detroit

Coverage does not include Allison transmissions or Eaton Hybrid transmissions. Coverage includes housing and all internally lubricated parts, electric/air shift/control units, valves, gaskets, and seals. *Excludes broken synchronizer pins, PTOs, airlines, gauge, clutch assemblies, driveline(s), and U-joints.*

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

# New Product Limited Warranty Statements

The following section outlines standard Limited Warranty (Warranty) statements for all new Daimler Trucks North America LLC (DTNA; Company) products sold by DTNA and domiciled in the USA (50 states and Washington, D.C.) and Canada. As necessary, information below may be divided by DTNA product type (vehicle and powertrain components); this information is also included in the applicable Owner's Warranty Information Booklet.

Based on a product's specifications, Warranty coverage varies. For product-specific coverage information (time/distance amounts and component descriptions), enter a product serial number or vehicle identification number (VIN) on the *Coverage Information* screen in the OWL. General time/distance amounts and coverage descriptions are available by DTNA brand at *DTNAConnect > Warranty Lit > Other Warranty Documents > [Coverages](#)*.

## 3.1 New Vehicle Limited Warranty Statement

Under this New Vehicle Limited Warranty, DTNA warrants that each new vehicle will be free from defects in material and workmanship that occur under normal use within the applicable Warranty period, subject to certain limitations and exclusions as specified in this document.

This Limited Warranty applies only to new vehicles sold by an Authorized DTNA Service Location or ordered directly from DTNA; vehicles sold at auction or as a result of repossession retain the Warranty coverage from the original in-service date or factory invoice date if the vehicle has not been warranty registered.

DTNA reserves the right to reduce or remove coverage on vehicles in salvage condition.

This Warranty covers all components and parts unless specifically covered by other warranties or otherwise excluded by this document.

## 3.2 New Powertrain Component Statements

Engine components are covered by two types of warranties, the standard Limited Warranty and the Emission Control Systems Warranty, a requirement of the U.S. (Federal) Clean Air Act and Canada Motor Vehicle Safety Act. Axle and transmission components are covered by the standard Limited Warranty.

### New Powertrain Component Limited Warranty

The New Product Limited Warranty covers product repairs to correct any malfunction occurring during the Warranty period resulting from defects in material or workmanship. This Limited Warranty applies to the first retail purchaser and subsequent retail owners during the applicable Warranty period of new powertrain components manufactured by Detroit Diesel and/or supplied by Detroit Diesel or Detroit Diesel of Canada Limited (all which are collectively referred to as Detroit), subject to certain limitations and exclusions as specified in this document.

The Warranty period begins on the date the product is delivered to the first retail purchaser or put in use prior to sale at retail, whichever occurs first, and ends at the specified time or distance limits.

The cost of service supplies which are not reusable due to needed repairs is covered by this Warranty. Reasonable towing costs to the nearest authorized service facility are covered when due to warrantable failure, the powertrain component is either inoperable, cannot be safely operated, or continued operation would cause further damage to the product. Detroit will pay reasonable travel expenses for the repairing mechanic to travel to and from the repair site.

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Engine Major Component Warranty Coverage

Engine major component(s) are covered 100%, which includes the cost to repair or replace only the failed major component. Engine major components include cylinder block/head casting, crankshaft, camshaft, main bearing bolts, flywheel housing, connecting rod assemblies, oil cooler housing, water pump housing, and air inlet housing.

DTNA will pay for the cost of any major component which is progressively damaged by the failure of another major component during the Warranty period. Review the new engine Warranty parchment for specific coverages.

Engines used in the on-highway application carry longer coverage on major components:

- MBE4000, Series 60, DD13, DD15, DD16 diesel fueled engines in on-highway applications (on-highway refers to a truck or coach designed and used to carry passengers and/or cargo, primarily on streets or paved highways)

## Emission Control Systems Warranty

For detailed information about product compliance with U.S. and Canadian law regarding design, build, and equipment, see the [Emission Regulations](#) section. Please note that emission-related components no longer covered under the Limited Warranty described above may still be covered under the Emission Control Systems Warranty.

### Certified Engines and Engine Parts

The Warranty period shall begin on the date the vehicle is delivered to the first retail purchaser or, if the vehicle is first placed in service as a demonstrator prior to sale at retail, on the date the vehicle is first placed in such service. Emission related defects in the genuine Company components listed in the [Emission Regulations](#) section, including reasonable related diagnostic costs, are covered by this Warranty.

Covered components and component terminology varies from engine to engine. Some scheduled maintenance is required (refer to the Owner's Emission Control Maintenance Service Chart which is included in the Warranty Information booklet). Please check the specific Warranty Information Booklet to determine which components are covered by the emissions control systems warranty.

Service Locations should refer to the applicable Engine Warranty Information booklet to determine if a particular component is covered by the Emission Control Systems Warranty, as the components covered differ on each engine type as well as from year to year.

## 3.3 Limitations

This Warranty does not apply to products that are sold or domiciled outside of the United States (50 states and Washington, D.C.) or Canada.

This Warranty does not apply to non-Detroit engines, Allison transmissions, tires, or other components or parts that are not manufactured by Company and that are warranted directly by their respective manufacturers. Progressive damage caused by these manufacturers' components to any other parts including, but not limited to, parts installed by Company is excluded from Company warranty coverage. With respect to the foregoing, Company makes no Warranty whether express, implied, statutory or otherwise including, but not limited to, parts installed by Company is excluded from Company Warranty coverage. With respect to the foregoing, Company makes no Warranty whether express, implied, statutory, or otherwise including, but not limited to, any Warranty of merchantability or fitness for a particular purpose.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND WHETHER WRITTEN, ORAL, OR IMPLIED INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY SPECIFICALLY EXCLUDES ANY OTHER WARRANTIES OR CONDITIONS PROVIDED FOR BY LAW, WHETHER STATUTORY OR OTHERWISE.

COMPANY'S SOLE OBLIGATION UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, ANY DEFECTIVE COMPONENT OR PART. SUCH REPAIR OR REPLACEMENT SHALL BE WITHOUT COST TO PURCHASER WHEN PERFORMED WITHIN THE APPLICABLE WARRANTY PERIOD (TIME, DISTANCE, OR HOUR LIMIT, WHICHEVER OCCURS FIRST).

Purchaser must notify Company, within the applicable Warranty period, of any failure of the product to comply with this Warranty and Purchaser must, at Purchaser's expense, promptly return the unit to an Authorized Service Facility for inspection and repair or replacement of any defect in material or workmanship occurring within the applicable Warranty period. During New Product coverage, Warranty reimbursement will not be paid on repairs performed by customers on their own vehicles without a current Customer Performed Warranty Agreement (CPWA).

The product must be maintained and serviced according to the prescribed schedules outlined in the Driver's/Operator's and Maintenance Manuals. Receipted bills and other evidence showing that required maintenance and service have been performed are required by Company as a condition of this Warranty.

After the Company's obligations under this Warranty expire, all liabilities of Company to Purchaser under this Warranty shall terminate. Repairs made under this Warranty do not constitute an extension of the original Warranty period for the vehicle or for any specific component or part.

To the extent that any provision of this Warranty contravenes the law of any jurisdiction, such provision shall be inapplicable in such jurisdiction, and the remainder of the Warranty shall not be affected.

## 3.4 Purchaser's Exclusive Remedy

THIS WARRANTY SHALL BE THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST COMPANY, WHETHER IN CONTRACT, UNDER STATUTE (INCLUDING STATUTORY PROVISIONS AS TO CONDITIONS AS TO QUALITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF GOODS SUPPLIED PURSUANT TO THE CONTRACT OF SALE), WARRANTY, TORT, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY.

## 3.5 Limitation of Liability

COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST TO REPAIR OR REPLACE, IN COMPANY'S SOLE DISCRETION, THE DEFECTIVE COMPONENT OR PART THAT IN NO EVENT SHALL EXCEED THE FAIR MARKET VALUE OF THE PRODUCT AT THE TIME THE DEFECT IS DISCOVERED.

IN NO EVENT SHALL COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, INJURIES TO PERSONS OR DAMAGE TO PROPERTY, LOSS OF PROFITS OR ANTICIPATED PROFITS, OR LOSS OF PRODUCT USE.

## 3.6 Emission Regulations

Vehicles and engines are designed, built, and equipped so as to conform, at the time of sale, with applicable regulations of the U.S. (Federal) Environmental Protection Agency (EPA), Emission Regulations under the Canada Motor Vehicle Safety Act in Canada, and the California Air Resources Board. Engines and vehicles are free from defects in material and workmanship which cause the engine to fail to conform with those regulations for the Warranty period. The Warranty period is 100,000 miles or five (5) years of engine operation, whichever occurs

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

first, or the New Product Warranty, if the product warranty is longer for all emission-related components except tires and 24,000 miles or two (2) years, whichever occurs first, for the tires.

The Warranty obligations are not dependent upon the use of any particular brand of replacement parts. The Owner may elect to use non-Genuine Company Parts for replacement purposes. Use of replacement parts which are not of equivalent quality may impair the effectiveness of emission control systems. If other than Genuine Company Parts are used for maintenance replacements or for the repair of components affecting emission controls, the Owner should assure himself/herself that such parts are warranted by their manufacturer to be equivalent to Genuine Company Parts in performance and durability.

Conditions resulting from tampering, misuse, improper adjustments, alteration, accident, failure to use recommended fuel or non-performance of required maintenance services are not covered.

<b>Warranted Components</b>					
Unless otherwise noted, the Warranty period is 5 years/100,000 miles, whichever occurs first, or the New Product Warranty, if the product Warranty is longer for all emission-related components except tires.					
Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	Greenhouse Gas (GHG) 14/17	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Aerodynamic Roof Fairings					X
Aerodynamic Roof Fairings (Adjustable Height)					X
Aerodynamic Side Fairings					X
Aftertreatment System (ATS) Aftertreatment Control Module (ACM)	X			X	
ATS Aftertreatment Device (ATD) Wiring Harness	X			X	
ATS Diesel Exhaust Fluid (DEF) Coolant Supply Valve & DEF Coolant Lines		X			
ATS DEF Pump	X			X	
ATS DEF Fuel Rail Pressure Sensor	X			X	
ATS DEF Fuel Pressure Sensor (Low)	X			X	
ATS DEF Low Dosing Unit	X			X	
ATS DEF System Air Pressure Regulator & Associated Air Lines		X			
ATS DEF System Chassis Interface Harness		X			
ATS DEF Tank		X			
ATS DEF Tank DEF Level Gauge		X			
ATS DEF Tank DEF Temperature Sensor		X			
ATS DEF Tank Heater Tubing		X			
ATS DEF Temperature Sensor NOX Sensors	X			X	

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	Greenhouse Gas (GHG) 14/17	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
ATS Diesel Oxidation Catalyst (DOC) Inlet Temperature Sensor	X			X	
ATS DOC Outlet Temperature Sensor	X			X	
ATS Diesel Particulate Filter (DPF) Inlet Pressure Sensor	X			X	
ATS DPF Outlet Pressure Sensor	X			X	
ATS DPF Outlet Temperature Sensor	X			X	
ATS Doser Block Assembly	X			X	
ATS Electrically-Heated DEF Lines		X			
ATS Fuel Doser Valve	X			X	
ATS Oxidation Catalyst	X			X	
ATS Particulate Filter	X			X	
ATS Selective Catalytic Reduction (SCR) Catalyst	X			X	
Air Cleaner (Excludes Filter Element)			X		
Air Conditioning Component Leakage (Applies to Tractors Only)					X
Air Intake Pipes			X		
Air Intake Resonator			X		
Ambient Air Temperature (AAT) Sensor					X
Automatic Engine Shutdown Timer					X
Cam Sensor			X		
Camshaft Position Sensor	X			X	
Catalytic Converter			X		
Charge Air Cooler		X			
Charge Air Cooler Outlet Sensor	X			X	
Coolant Outlet Temperature Sensor	X			X	
Coolant Sensor			X		
Crank Sensor			X		
Crankshaft Position Sensor	X			X	
Data Link Connector		X	X		X
Delta P Sensor	X			X	

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	Greenhouse Gas (GHG) 14/17	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Engine Coolant Temp Sensor			X		
Engine Control Module (ECM)			X		
Evap Canister & Evap Canister Vent Solenoid			X		
Exhaust Gas Piping from the Turbocharger out to the Last ATD		X			
Exhaust Gas Recirculation (EGR) Cooler	X			X	
EGR Valve & Actuator	X			X	
Exhaust Manifold & Exhaust Manifold Gaskets			X		
Exhaust Pipes (Between Exhaust Manifold & Catalyst)			X		
Fuel Injectors	X		X	X	
Fuel Lines			X		
Fuel Rail			X		
Fuel Tank			X		
Fuel Tank Fairings					X
Fuel Tank Pressure Sensor			X		
Fuel Temperature Sensor	X			X	
Gap Reducing Fairings					X
Gas Cap			X		
High Pressure Fuel Pump	X			X	
Ignition Coils			X		
Intake Manifold Pressure Sensor	X			X	
Intake Manifold Temperature Sensor	X			X	
Intake Throttle Valve & Adaptor	X			X	
Knock Sensors			X		
Malfunction Indicator Lamp (MIL)		X	X		X
Manifold Absolute Pressure (MAP) Sensor			X		
Mass Air Flow Sensor			X		
Motor Control Module (MCM)	X			X	
Oxygen (O <sub>2</sub> ) Sensors			X		
Oil Fill Cap			X		

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Components <sup>1</sup>	Diesel Emission 2010		Gasoline Evaporative Emission 2011 <sup>2</sup>	Greenhouse Gas (GHG) 14/17	
	Detroit Engine	DTNA Installed <sup>3</sup>	DTNA Installed	Detroit Engine	DTNA Installed <sup>4</sup>
Oil Temperature Sensor	X			X	
Positive Crankcase Ventilation (PCV) Hose (Engine to Air Intake Pipe)			X		
Purge Control Valve			X		
Side Extenders					X
Spark Plugs <sup>5</sup>			X		
Spark Plug Wires			X		
Temperature-Barometric Air Pressure Sensor					X
Throttle Body			X		
Throttle Pedal			X		
Tires <sup>6</sup>					X
Transmission Control Module			X		
Transmission Speed Sensor			X		
Turbo Speed Sensor	X			X	
Turbocharger	X			X	
Vapor Lines			X		
Vehicle Speed Limiter					X
Vehicle Speed Sensor (Transmission Main Shaft)		X			X
Wait to Start Indicator/Lamp					X

<sup>1</sup> Per California Emission Control Systems Warranty Statement, DTNA must warrant the emission control system components for the vehicle in accordance with either Diesel Emission 2010 or Gasoline Evaporative Emission 2011, whichever is applicable.

<sup>2</sup> Coverage period is 5 years/50,000 miles (80 500 km), whichever occurs first.

<sup>3</sup> The following are excluded under Emissions coverage but are covered under standard New Vehicle Warranty coverage:

- ATS ACM Mounting Bracket and Protective Cover
- DEF Tank Mounting Brackets/Hardware
- DEF Pump Mounting and Protective Cover

<sup>4</sup> Diesel Emission 2010 components and emission-related defects in the marked components listed are included in this coverage. Coverage duration:

- Spark-ignition vehicles and light heavy-duty vehicles – 5 years/50,000 miles (80 500 km), whichever occurs first
- Medium and heavy heavy-duty vehicles – 5 years/100,000 miles (161 000 km), whichever occurs first

<sup>5</sup> Spark plugs are warranted under Basic Chassis coverage or until the first required maintenance, whichever comes first.

<sup>6</sup> Coverage period is 2 years/24,000 miles, whichever occurs first.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## 3.7 Coverage Exclusions

The following components, parts, or conditions are specifically excluded from coverage under this Warranty.

Note: Parts found defective prior to installation must be filed as a Parts Adjustment Request (PAR) to the PDC.

### Aerodynamic Wheel Covers

Aerodynamic wheel covers are excluded from coverage under Warranty.

### Air Springs

Tolerance buildup can occur during the assembly process of the rear suspension and rear cab air springs, and can cause the springs to have the appearance of being crooked, misaligned, or improperly installed. This tolerance buildup is not detrimental to the operation of the vehicle and will not have an effect on either the quality of the ride or the durability of the components or vehicle. Straightening of these springs is not covered under Warranty.

### Alignment of Axles/Wheels/Steering Wheel

Each DTNA vehicle manufacturing plant uses an integrated alignment system to align axles and wheels and to center the steering wheel to DTNA specifications. Realignment or readjustment of these items, including steering stops and steering poppets, is not covered under Warranty.

Any special alignment settings at the request of the Owner must be handled between the service location and Owner after delivery from factory. These special adjustments are not covered under Warranty.

### Axle Breather Vents

During the manufacturing process, an oil run or drip stain may appear at the breather vent. Removing the vent, applying pipe sealant to the threaded vent fitting and re-installing the vent is unnecessary. Removing the axle breather vent and re-sealing the threaded fitting is not covered under this Warranty.

### Cab Interior Components

The repair or replacement of cab interior components that are rendered unserviceable due to normal wear or abuse are not covered under this Warranty.

These components include, but are not limited to:

- Curtains
- Floor coverings (including floor mats)
- Painted trim components
- Steering wheel
- Steering wheel wrap
- Upholstery
- Window shades

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Chrome Surfaces, Aluminum, and Stainless Steel Components

The following items ARE covered under this Warranty:

- Chrome peeling off in sheets
- Chrome cut at mounting bolts due to over-torque at the factory
- Bubbles in the chrome that are not caused by rock chips and/or general rust conditions
- Isolated rust along seams or welds

The following items are NOT covered under this Warranty:

- General rust (e.g., rust on the unfinished backside of a bumper)
- Dimpling at the mounting bolts
- Staining, bluing, and/or yellowing that can be cleaned with a quality cleaning product
- Rust, pits, and/or nicks caused by road wash or road debris breaking the chrome surface
- Streaks/stains/corrosion caused by severe wash solutions or corrosive road salts/chemicals

Claims pertaining to failures of chrome surfaces, aluminum, and stainless steel components will not be processed unless a clear digital picture is provided that adequately shows the defect.

## Clutch Adjustment

Clutch adjustments are normally required due to clutch wear and are considered normal maintenance. However, if the clutch adjustment is found to be outside of Company specifications during, or prior to, product in-service, a claim will be accepted on a one-time basis.

Claims for clutch adjustments will not be accepted unless the adjustment is found to be outside of Company specifications using the special clutch adjustment measuring tools provided by Company (e.g., adjusting the clutch to satisfy feel will not be accepted as Warranty).

## Competition

Warranty will become void on any product that is used in competition including, but not limited to:

- Racing
- Tractor pulls
- Other motor sports

## Consumable Parts

Parts that are subject to consumption during their normal service life and are routinely replaced during normal maintenance services are covered up to 15,000 miles (24 000 km) for all DTNA vehicles except TBB bodies and chassis. TBB consumable parts are covered up to 30 calendar days from the date of in-service. These items are:

- Antennas (exception: satellite radio antennas)
- Ashtrays
- Belts
- Brake linings
- Cigarette lighter assembly

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

- Clutch brake
- Clutch linings
- Data logger batteries
- Desiccant cartridges
- Fire extinguishers
- Flash tubes
- Fluorescent ballast and tubes
- Fuses
- Gladhand
- Hosetennas
- Light bulbs\*
- Lower center bumper air dam
- Mattresses
- Mud flaps
- Mud flap mounting brackets
- Caps (including, but not limited to, DEF, fuel, radiator, surge tank)
- Receiver-dryer filter
- Trailer air hoses
- Trailer electrical cables
- Windshield washer nozzles
- Wiper arms and blades (TBB makes - wiper blades only)

*\* Sealed light and LED assemblies are not considered consumable.*

The cost of consumable parts which are not reusable due to needed warrantable repairs is covered by this Warranty; examples include but are not limited to:

- Antifreeze
- Coolant
- Filters
- Fluids
- Grease/lubricants
- Oil

## Corrosion

Coverage provides Warranty against corrosion to any metal or metal alloy part of the vehicle. Rust or corrosion to specific components and/or caused by certain conditions are excluded from all Company Warranty coverage and will not be paid under Basic Vehicle, Cab Structure, Cab Corrosion, Aftermarket Parts Warranty, or Extended Service Coverage.

Exclusions to corrosion Warranty include, but are not limited to, the following:

- Corrosion caused by general rust (e.g., rust on the unfinished backside of a bumper)
- Surface rust caused by chips or scratches in the paint or chrome surfaces
- Corrosion caused by high-pressure washing, severe wash solutions, cleaning solvents, detergents, compounds

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

- Corrosion caused by salinity in the environment or corrosive salts and/or chemicals used on the road surface
- Corrosion caused by acid rain or other industrial fallout
- Corrosion due to improper prevention measures during storage or use
- Corrosion or rust on tone rings, rotors, or drums
- Corrosion due to environmental damage (including ocean spray); airborne fallout (includes chemicals, tree sap, etc.), or other atmospheric conditions or other acts of nature
- Corrosion due to improper use, misuse, or abuse, negligence, including improper or insufficient maintenance

## Damage

The following are not covered under Warranty:

- Damage caused by use of the vehicle in any application that is not approved or is inconsistent with build specifications
- Damage resulting from improper use or misuse or abuse, negligence, improper operation, improper or insufficient maintenance (including, but not limited to, failure to maintain vehicle as outlined in the Driver's/Operator's and Maintenance Manuals), overloading, unauthorized modifications, accidents, or operation at excessive speeds
- Environmental damage, including airborne fallout (including chemicals, tree sap, etc.), or other atmospheric conditions, hailstones, or other acts of nature
- Damage caused by road salts/chemicals or cleaning solvents, detergents, or compounds
- Storage deterioration including damage caused by improper or insufficient storage or maintenance
- Damage caused by road hazards or road conditions
- Damage caused during shipping/transport after initial delivery of vehicle
- Damages (including peeling or flaking) caused by high-pressure washing or steam cleaning
- Damages occurring after in-service (e.g., from rock chips)
- Damages caused by customer-installed sealer in air conditioning systems
- Damages caused by non-factory approved engine horsepower/torque upgrades
- Damage due to vibration associated with misapplication or improper operation of drivetrain components
- Damage due to terrorist activities
- Damage due to acts of war

## Engine

Any DTNA engine in a vehicle on which odometer mileage has been changed so the mileage cannot be readily determined is excluded from Warranty.

Non-DTNA engines, including all of its components as supplied by the non-Company engine manufacturer, are excluded from Warranty but are warranted separately by the manufacturer of the engine. For non-DTNA engine warranty or service, contact the engine manufacturer's authorized sales and service facility.

---

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Engine Brakes, Air Compressors, and Other Proprietary Engine Components

The engine manufacturer installs most air compressors and engine brakes. Any failure of a proprietary engine component or Jake Brake® component must be filed directly to the engine manufacturer.

Failures on Company engines and non-proprietary engine components can be filed through DTNA.

## Exhaust System Clamps

During the early life of the vehicle or when the engine is cold, many exhaust clamps exhibit a soot trace. This condition is self-correcting and does not require adjustment, tightening, or replacement of the clamp. Claims for adjusting or tightening will not be paid under Warranty.

## Fifth Wheels

Adjustment of the locking mechanism, bushings, slide locking plungers, and the repair or replacement of lock guards are considered routine maintenance and are not covered under this Warranty.

## Glass, Mirrors, Lens

Conditions excluded from Warranty include but are not limited to:

- Breakage
- Chips
- Scratches
- Cracks

## Initial Operating Period

During a vehicle's Initial Operating Period (IOP), repair on components found loose and included on a scheduled maintenance table may be reimbursed by Company. The IOP for DTNA vehicles is as follows:

Make	IOP <sup>1</sup>
Freightliner, Western Star	Up to 15,000 miles/24 000 km <sup>2</sup>
FCCC	Up to 25,000 miles/40 000 km <sup>2</sup>
TBB Bodies and TBB Chassis <sup>3</sup>	Up to 6 months from in-service date

<sup>1</sup> IOP does not apply to powertrain components.

<sup>2</sup> The IOP begins at zero (0) distance; the in-service distance does not affect the IOP distance limits.

<sup>3</sup> TBB applications utilizing FCCC chassis retain the FCCC IOP separate from the TBB body.

Routine maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under Warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle; associated repairs/adjustments are covered under Basic Warranty unless the distance at which the condition occurs exceeds the published maintenance interval for the component.

- Components included on a scheduled maintenance table that have loosened at a time or distance exceeding the first scheduled maintenance or outside the IOP, whichever is greater, are not covered under Warranty and are the responsibility of the customer.

Components Found Loose and Included on a Scheduled Maintenance Table	Prior to First Scheduled Maintenance	After First Scheduled Maintenance
Within IOP	File Claim	File Claim
Outside IOP	File Claim	Customer Responsibility

- Components that do not appear on scheduled maintenance tables are not subject to IOP limitations and are covered per the applicable coverage and exclusions.

Consumable items are addressed separately from IOP; see [Consumable Parts](#) elsewhere in this section for details.

Exclusions from Warranty during the IOP are:

- Cab, hood, and fender-mounted mirrors are adjusted at the factory but may be retracted by the transporter to prevent damage during transport. Subsequent adjustments and tightening of mirror mounting hardware are considered part of the routine preparation of the vehicle before Customer delivery. Claims for adjusting the mirrors or tightening of the attaching hardware will not be paid under Warranty during or after the IOP.
- Claims for re-routing of electrical wiring, hoses, or lines which meet DTNA's routing standards will not be paid under Warranty during or after the IOP. However, if during the IOP, evidence of a potential failure (e.g., rubbing or chaffing that would lead to a short in a wire or a hole in a hose/line) is found where a line, hose, or electrical wiring is mis-installed and is making contact with one of the following, a one-time claim for correcting the routing will be accepted:
  - Hot surface
  - Moving part
  - Sharp edge

Such claims should be filed with *Mis-Installed* as the *Cause* code; digital photos that clearly show evidence of rubbing or chaffing due to mis-installation must be available upon request.

**Note:** Preventative re-routing for other conditions not listed above is not considered warrantable. However, if a line, hose, or electrical wiring actually fails (i.e., leaks or shorts) due to rubbing or chaffing on any surface, such failures are covered per the applicable coverage and exclusions.

- Final preparation of the vehicle for Customer delivery to include cleaning/vacuuming interior of cab, washing windows, washing the exterior of the vehicle, and polishing exterior chromed or painted surfaces are considered as ordering location responsibilities. Claims for these activities will not be paid under Warranty during or after the IOP.

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## Misapplication of Product

The Warranty on any product used inconsistent with its specified vocation/application will be downgraded to the Warranty that is consistent with product use. Any and all claims associated with the misapplication of the product will be subject to chargeback.

## Miscellaneous Expenses

Premium charges and work not directly related to the repair or replacement of a warranted part are not covered under Warranty, unless specifically stated elsewhere in the applicable Warranty coverage. Examples include, but are not limited to:

- Federal, state, provincial, and local taxes
- Travel expenses
- Loss of revenue
- Customer labor, including overtime labor
- Downtime
- Driver's expenses
- Cost of rental equipment
- Loss of cargo, including perishable cargo
- General housekeeping supplies (e.g., shop rags, solvents, sweeping compounds, coveralls, etc.)
- Communication charges
- Towing/road call assistance
- Repair or replacement of optional items not sold or installed by company
- Removal or replacement of service location, body builder, or customer installed equipment
- Environmental fees, cleanup, or other charges
- Cost of emergency services

## Modifications to Original Equipment

Company does not warrant product modifications or equipment installations unless performed at a Company Custom Truck Services (CTS) Center. In addition, the extra time necessary to remove body builder-installed items and/or equipment to work on a warrantable repair is not covered under this Warranty unless Company sells the complete chassis/body/equipment as a package.

If service locations or Customers perform any product modifications or equipment installations, to the extent these modifications or equipment installations adversely affect other vehicle components or vehicle performance, Company shall not accept any product liability or claims under the terms of the product Warranty. These claims become the sole responsibility of the person performing the modifications or equipment installations.

## Paint

The following exclusions to paint warranty include, but are not limited to:

- Complete chassis re-painting to repair paint damages
- Damages occurring after in-service (e.g., from rock chips)
- Peeling/flaking caused by high-pressure washing or steam cleaning

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

- Rusting of painted bumpers
- Removal and/or replacement of decals, striping, and/or lettering not applied by Company

Specific areas of the vehicle are deliberately not painted or are not painted to any standard; paint repairs are not warrantable to such areas. These areas include:

- Underside of the hood, including the inside of the wheel wells
- Underside of the roof-mounted air fairings
- Underside of the exterior sun visor
- Inside of the side-mounted air fairings
- Inside of the bumper
- Aftertreatment devices

## Gloss

Gloss claims pertaining to gloss issues on vehicles painted with low-gloss colors (as identified in the Truck/Bus Sales Order) will not be covered under Warranty.

## Routine Maintenance

Routine maintenance, servicing, and adjustment, as defined in the applicable Vehicle Maintenance Manual and Driver's Manual, are excluded from Warranty.

Periodic adjustment or re-torque of wheel bearings, wheel lug nuts, and suspension U-bolts are considered maintenance adjustments and are not covered under Warranty.

Vibrations, squeaks, rattles, loose fittings/clamps, hose fitting leaks, loose nuts/bolts/screws, and loose electrical connections may develop during the initial trip(s) of the vehicle and these types of repairs/adjustments are covered under Warranty one (1) time during the applicable IOP unless excluded above.

Reminder: After the IOP, these developments are the result of use and their repair/adjustment activities are considered routine maintenance and thus excluded from Warranty.

## Shipped Loose Items and Components

During the manufacturing process, certain components are normally placed in the cab of the vehicle or strapped down to the chassis. It is the service location's responsibility to mount these shipped loose items in the correct location on the vehicle. Mounting the shipped loose items below will not be covered under Warranty.

These items include, but may not be limited to, the following:

- Aerodynamic wheel covers
  - Exception: Covers on Freightliner Cascadia trucks may be reimbursed
- Antennas
- Chrome lug nut covers
- Decals & paperwork
- Driver's pouch
- Fire extinguishers
- Jacks
- License plate brackets

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

- Mattress
- Reflectors with flares
- Reflectors without flares
- Spare wheels/tires
- Tire inflation hoses
- Trailer cables (air/electrical)
- Winter fronts

## Tampering/Misuse

Conditions resulting from tampering, misuse, improper adjustments, alteration, accident, failure to use recommended fuel or non-performance of required maintenance services are not covered.

It is a violation of U.S. federal law to alter the engine, exhaust plumbing, after treatment system, diesel exhaust fluid system, or other vehicle components in any way that would bring the engine/vehicle out of compliance with certification requirements [Ref: 42 U.S.C. §7522(a)(3)]. It is the Owner's responsibility to maintain the vehicle so that it conforms to EPA regulations.

## Test Products

Any product(s) used in testing must be identified to the Warranty Department and accommodations must be made for claims that relate to the test item(s).

Any product used in endurance testing, such as the Altoona Test, are void of all Warranty, including but not limited to New Product Warranty, Aftermarket Parts Warranty, Extended Service Coverage, or any Company additional or used truck coverage.

## Tires and Tire Balancing

The tires are not covered under this Warranty, but are warranted separately by the tire manufacturer. Tire balancing is not covered under Warranty.

## Transmissions (Non-Company)

Allison transmissions and components are not covered under this Warranty, but are warranted separately by Allison. Information regarding Allison's warranty is provided for informational purposes only and is subject to change. For warranty or service information, contact Allison's authorized sales and service facility.

Eaton Hybrid transmissions are not covered under this Warranty.

## 3.8 Transfer of Warranty

This Warranty is transferable to a subsequent Owner if it has not expired.

To ensure the Owner receives proper Warranty recognition, the ownership information should be updated in OWL.

---

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## 3.9 Change of Owner Address Information

To ensure Company's ability to reach the current Owner with Recall and Field Service campaign information, the Owner's information must be updated whenever there is a change to the Owner's name or address.

## 3.10 Product Improvement

Company reserves the right to make improvements or changes to the product at any time without incurring any obligation to make such changes or improvements to any other vehicle.

## 3.11 Owner's Responsibilities

DTNA provides Owner's Warranty Information booklets for Company products. When the Owner first receives a Company product, the service location should review the Owner's Warranty Information booklet(s) with the Owner. It is important that the new Owner becomes familiar with the contents about Warranty, parts replacement that affects emission controls, and maintenance service. It is the Owner's responsibility to ensure the product is maintained as outlined in the Driver's/Operator's and Maintenance Manuals and to maintain the vehicle so that it conforms to EPA regulations.

To initiate Warranty, the customer must complete and sign the Warranty Start Form (WAR275); service locations must attach the Warranty Start Form to the *Product Registration* screen in OWL.

As soon as a problem exists, the Owner is responsible for presenting the product to an Authorized Service Location. The Warranty repairs should be completed in a reasonable amount of time. The Owner should also be aware that DTNA may deny Warranty coverage if the product has failed due to abuse, neglect, improper maintenance, or unapproved modifications. DTNA recommends that Owners retain all receipts regarding product maintenance but Company cannot deny Warranty solely for the lack of receipts.

---

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

## NEW PRODUCT WARRANTY



PARTICIPATING OEM SALES  
DISTRIBUTOR SALES

### LIMITED WARRANTY ON NEW ALLISON AUTOMATIC TRANSMISSIONS USED IN ON-HIGHWAY TRUCK APPLICATIONS OTHER THAN AUTOMOTIVE FIRE APPARATUS APPLICATIONS

Allison Transmission, Inc. will provide for repairs or replacement, at its option, during the warranty period of each new Allison transmission listed below that is installed in an On-Highway Truck other than Automotive Fire Apparatus in accordance with the following terms, conditions, and limitations.

#### WHAT IS COVERED

- **WARRANTY APPLIES** — This warranty is for new Allison transmission models listed below installed in an On-Highway Truck other than Line Haul and Automotive Fire Apparatus and is provided to the original and any subsequent owner(s) of the vehicle during the warranty period.
- **REPAIRS COVERED** — The warranty covers repairs or replacement, at Allison Transmission's option, to correct any transmission malfunction resulting from defects in material or workmanship occurring during the warranty period. Needed repairs or replacements will be performed using the method Allison Transmission determines most appropriate under the circumstances.
- **TOWING** — Towing is covered to the nearest Allison Transmission Distributor or authorized Dealer only when necessary to prevent further damage to your transmission.
- **PAYMENT TERMS** — Warranty repairs, including parts and labor, will be covered per the schedule shown in the chart contained in section "APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE."
- **OBTAINING REPAIRS** — To obtain warranty repairs, take the vehicle to any Allison Transmission Distributor or authorized Dealer within a reasonable amount of time and request the needed repairs. A reasonable amount of time must be allowed for the Distributor or Dealer to perform necessary repairs.
- **TRANSMISSION REMOVAL AND REINSTALLATION** — Labor costs for the removal and re-installation of the transmission, when necessary to make a warranty repair, are covered by this warranty.
- **WARRANTY PERIOD** — The warranty period for all coverages shall begin on the date the transmission is delivered to the first retail purchaser, with the following exception:  
**Demonstration Service** - A transmission in a new truck or bus may be demonstrated to a total of 5000 miles (8000 kilometers). If the vehicle is within this limit when sold to a retail purchaser, the warranty start date is the date of purchase. Normal warranty services are applicable to the demonstrating Dealer. Should the truck or bus be sold to a retail purchaser after these limits are reached, the warranty period will begin on the date the vehicle was first placed in demonstration service and the purchaser will be entitled to the remaining warranty.

The warranty period for all coverages shall end at the expiration of the coverage set forth below:

#### APPLICABLE MODELS, WARRANTY LIMITATIONS, AND ADJUSTMENT SCHEDULE

APPLICABLE MODELS	WARRANTY LIMITATIONS (Whichever occurs first)		ADJUSTMENT CHARGE TO BE PAID BY THE CUSTOMER	
	Months	Transmission Miles Or Kilometers	Parts	Labor
MD, HD, 3000, 3200, 3500, 4000, 4500, 4700, 4800, 3000 HS, 4000 HS, 4500 HS, 3000 RDS, 3500 RDS, 4000 RDS, 4500 RDS, 4700 RDS	0-24*	No Limit	No Charge	No Charge
1000 Series, 2000 Series, 2400 Series, 1000, 2100, 2200, 2500, 1000 HS, 2100 HS, 2200 HS, 2350 HS, 2500 HS, 2550 HS, 1000 RDS, 2100 RDS, 2200 RDS, 2350 RDS, 2500 RDS, 2550 RDS, 3000 V, 3000 VR	0-36*	No Limit	No Charge	No Charge

\* Effective July 2006, the Allison transmission in your vehicle may be covered by additional extended coverage, dependent on the Original Equipment Manufacturer (OEM) which manufactured your vehicle. **This additional coverage requires continued use of an Allison Approved TES 295 automatic transmission fluid and genuine Allison filters.** Please consult your OEM Dealer or authorized Allison Transmission Distributor or Dealer for specific information.

## WHAT IS NOT COVERED

### • DAMAGE DUE TO ACCIDENT, MISUSE, or ALTERATION

Defects and damage caused as the result of any of the following are not covered:

- Flood, collision, fire, theft, freezing, vandalism, riot, explosion, or objects striking the vehicle;
- Misuse of the vehicle;
- Installation into unapproved applications and installations;
- Alterations or modification of the transmission or the vehicle, and
- Damage resulting from improper storage (refer to long-term storage procedure outlined in the applicable Allison Service Manual)
- Anything other than defects in Allison Transmission material or workmanship

**NOTE:** This warranty is void on transmissions used in vehicles currently or previously titled as salvaged, scrapped, junked, or totaled.

- **CHASSIS, BODY, and COMPONENTS** — The chassis and body company (assemblers) and other component and equipment manufacturers are solely responsible for warranties on the chassis, body, component(s), and equipment they provide. Any transmission repair caused by an alteration(s) made to the Allison transmission or the vehicle which allows the transmission to be installed or operated outside of the limits defined in the appropriate Allison Installation Guideline is solely the responsibility of the entity making the alteration(s).
- **DAMAGE CAUSED by LACK of MAINTENANCE or by the USE of TRANSMISSION FLUIDS NOT RECOMMENDED in the OPERATOR'S MANUAL** — Defects and damage caused by any of the following are not covered:
  - Failure to follow the recommendations of the maintenance schedule intervals applicable to the transmission;
  - Failure to use transmission fluids or maintain transmission fluid levels recommended in the Operator's Manual.
- **MAINTENANCE** — Normal maintenance (such as replacement of filters, screens, and transmission fluid) is not covered and is the owner's responsibility.
- **REPAIRS by UNAUTHORIZED DEALERS** — Defects and damage caused by a service outlet that is not an authorized Allison Transmission Distributor or Dealer are not covered.
- **USE of OTHER THAN GENUINE ALLISON TRANSMISSION PARTS** — Defects and damage caused by the use of parts that are not genuine Allison Transmission parts are not covered.
- **EXTRA EXPENSES** — Economic loss and extra expenses are not covered. Examples include but are not limited to: loss of vehicle use; inconvenience; storage; payment for loss of time or pay; vehicle rental expense; lodging; meals; or other travel costs.
- **"DENIED PARTY" OWNERSHIP** — Warranty repair parts and labor costs are not reimbursed to any participating or non-participating OEMs, dealers or distributors who perform warranty work for, or on behalf of, end users identified by the United States as being a "denied party" or who are citizens of sanctioned or embargoed countries as defined by the U.S. Department of Treasury Office of Foreign Assets Control. Furthermore, warranty reimbursements are not guaranteed if the reimbursement would be contrary to any United States export control laws or regulations as defined by the U.S. Department of Commerce, the U.S. Department of State, or the U.S. Department of Treasury.

### OTHER TERMS APPLICABLE TO CONSUMERS AS DEFINED by the MAGNUSON-MOSS WARRANTY ACT

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Allison Transmission does not authorize any person to create for it any other obligation or liability in connection with these transmissions. **ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THESE TRANSMISSIONS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (SUCH AS, BUT NOT LIMITED TO, LOST WAGES OR VEHICLE RENTAL EXPENSES) RESULTING FROM BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.\*\***

\*\* Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

### OTHER TERMS APPLICABLE TO OTHER END-USERS

**THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE ALLISON TRANSMISSION MODELS LISTED ABOVE AND IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLISON TRANSMISSION DOES NOT AUTHORIZE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH TRANSMISSIONS. ALLISON TRANSMISSION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY.**

### QUESTIONS

If you have any questions regarding this warranty or the performance of warranty obligations, you may contact any Allison Transmission Distributor or Dealer or write to:

Allison Transmission, Inc.  
P.O. Box 894  
Indianapolis, IN 46206-0894  
Attention: Warranty Administration PF-9



## Detroit Warranties

### Demand Peace of Mind

Detroit engine and axles owners enjoy comprehensive warranty coverage, including fast, hassle-free process, and expedited parts and service for critical downtime situations.

#### Engine Service Warranties

- Engine: 2 years, unlimited miles, including 100% parts and labor
- Injectors: 2 years, 200,000 miles including parts and labor
- Major components: 5 years, 500,000 miles
- No charge on parts
- 100% of Service outlet's normal charge

### Front Axles

For the front steer axle, warranty coverage includes the I-beam, steering knuckles, spindles, kingpins, kingpin bearings and steering arms. Detroit allows 100% warranty coverage of all knuckle parts, including the kingpin. Plus, we cover progressive damage. Front axles are covered for up to 5 years / 750,000 miles for on-highway applications.



### Rear Axles

Warranty coverage includes the axle housing, carrier assembly, inter-axle differential, axle shafts, gaskets and seals. Detroit offers a standard 5 year / 750,000 mile warranty on Class 8 on-highway applications when synthetic lube is installed.

### Extended Service Coverage

When your truck is down, it costs more than just money to repair it. Protect your business' most important asset, along with your bottom line, through flexible extended service coverage (ESC) packages.

Detroit's engine ESC covers tomorrow's costs at today's pricing, extending your factory on-highway coverage for up to 5 years/500,000 miles, or 7 years/250,000 miles for vocational coverage. So whether you need your engine serviced three years from now, or a major repair right now – your engine ESC helps protect your investment.

From covering basic engine components to complete coverage, including Aftertreatment, our ESC packages fit your needs and your budget by providing:

- Service at over 800 Detroit authorized service locations
- Repairs performed by certified technicians
- Unmatched availability of genuine parts

- Coverage throughout the U.S. and Canada
- Availability to purchase without a late fee for up to 12 months, or a nominal \$400 late fee between 13-18 months
- Ability to transfer to subsequent owner, enhancing resale value

To [learn more about Extended Service Coverage packages](#), please contact your nearest authorized Detroit service location.

To learn more about how to extend the life of your pre-EGR or EPA 04 engine, [visit StepUP Overhaul](#) for more information.

## Brochures

- [Extended Service Coverage for On-Highway Trucks](#)
- [Extended Service Coverage for Vocational Trucks](#)

---

### Join Our Newsletter

<input type="text"/>	--Select Application-- ▾	<input type="button" value="Sign Up"/>
----------------------	--------------------------	--

---

## **Appendix 4**

### **Brandt Tractor Ltd. Proposal: Airport Wheel Loader**



Master

**Village of Masset**  
**Airport Wheel Loader**  
**RFP No.2021-5**

DEC 15 2021

December 9, 2021

Attention: Alan Smith,

I would like to take this time to thank you for giving Brandt Tractor Ltd. the opportunity to quote for the 2021 Wheel Loader RFP. As you review the information provided in our submission please keep in mind the following information regarding our company and our manufacturer.

Not only do we provide superior quality equipment to meet and exceed your needs, we provide unrivaled support from resident technicians, to extremely knowledgeable parts, service, and in field customer support advisors. We currently have dealerships from coast to coast and full service dealership located in Terrace for all your sales, service and parts needs.

John Deere has Regional Distribution Centers all over Canada, these facilities allow us to over achieve with parts supply and response times to our customers across the nation. Brandt Tractor Ltd. has 56 branches across Canada and all dealerships have stocked parts departments of all fast moving parts that operate 24/7. Our head office is located in Regina Saskatchewan and is a Platinum Member of the Canada's 50 Best Managed Companies program.

Once again thank you for the opportunity to quote the John Deere 624P Loader, should you have any further questions or concerns, please do not hesitate to call me at your earliest convenience.

Thank you,

*Darren Meier*

Darren Meier  
Territory Manager  
Brandt Tractor Ltd.  
(250) 615.4150 tel  
(250) 877.9653 cel  
(902) 615.4158 fax  
[dmeier@brandt.ca](mailto:dmeier@brandt.ca)

**Brandt Tractor Ltd.**

Terrace Branch, 102-5221 Keith Ave., Terrace, BC, V8G1L2, Canada, 250.615.4150



**JOHN DEERE**

## Corporate Profile



Brandt Tractor Ltd. is the world's largest privately held John Deere Construction and Forestry Dealer. We're proud to offer a complete line of John Deere construction and forestry equipment, from backhoes to excavators and graders, to skid steers and waste handling equipment, plus the kind of quality support a superior product of this nature deserves. And while John Deere is the company's main equipment line, we also offer sales and service for Ditch Witch, Hammerhead and Topcon. We believe in delivering value to our customers each and every day. Brandt has 56 dealerships across Canada to serve our broad base of customers in BC, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, Maritimes, the Northwest Territories, and Nunavut.

Powerful Value Delivered, is much more than a tagline at Brandt. It's our company-wide promise to help our customers succeed by empowering them with the outstanding performance of our people and the uncompromising quality of our products and services.

Grown from the seeds of an entrepreneurial spirit over 80 years ago, Brandt has a long history of providing powerful value to our customers through a solid commitment to strong core values; **Quality, Innovation, Commitment and Customer Focus**. Originally Brandt Electric designed and built innovative products including one of the first grain augers available in Canada. Eventually, Brandt Electric became Brandt Industries Ltd. Today, Brandt is a growing, dynamic and diverse group of companies headquartered in Regina, Saskatchewan. Brandt employs more than 3400 people across Canada and the US and services markets in over 20 countries and six continents. Brandt is the largest privately owned company in Saskatchewan and a Platinum Member of the Canada's 50 Best Managed Companies program.

**Brandt Agricultural Products Ltd.** engineers and manufactures quality agricultural equipment and markets these products through a dealer network in North America, Europe and Australia.

**Brandt Developments Ltd.** is a community-oriented real estate developer with the financial resources and proven expertise in the design, build, and management of highly-efficient, environmentally considerate and technologically advanced commercial business sites.

**Brandt Engineered Products Ltd.** (ISO 9001-2008) specializes in innovative machine and system design, manufacturing, installation, and commissioning for the tube and pipe and mining industries around the world.

**Brandt Equipment Solutions Ltd.** specializes in the design and manufacture of customized attachments and guarding for heavy-duty construction equipment.

**Brandt Finance Ltd.** provides financing for new and used equipment, including non-Brandt products.

### **Brandt Tractor Ltd.**

Terrace Branch, 102-5221 Keith Ave., Terrace, BC, V8G1L2, Canada, 250.615.4150



**JOHN DEERE**



**Brandt Positioning Technology** is the exclusive Topcon Dealer in Western Canada for construction, survey/engineering/GIS, and agriculture positioning technologies.

**Brandt Road Rail Corporation** manufactures and markets railway maintenance equipment to customers throughout the world.

**Brandt Truck Rigging & Trailers.** This new division carries on the proud Camex tradition of supplying premium-quality specialty transportation solutions for industry.

**Brandt Tractor Ltd.** is the largest privately held John Deere construction and forestry dealership in the world with 56 locations across Canada as well as a Ditch Witch dealership in Milton, Ontario.

Brandt believes in safe workplaces. To achieve this goal, we employ a number of safety risk mitigation measures including, but not limited to, safety awareness training, risk identification practices, education and instruction, operating standards, and compliance management procedures. Awareness, risk identification, education programs, and rigid safety standards ensure that we employ every measure possible to make our worksite safe places for our people. Our commitment to responsible environmental practices in all aspects of our company is also a key priority. Our concern extends well past regulatory compliance to reflect our respect for nature and our responsible management and stewardship of resources.

#### **INTEGRITY DRIVES OUR ACTIONS**

Integrity has been defined as doing the right thing, even when no one is watching you. This belief governs how Brandt operates and conducts business every minute of every day. We set a high standard for ourselves and we expect the same from everyone who works for, or acts on behalf of, every Brandt division. Trust takes years to build and only seconds to tear down. We believe that upholding the highest ethical standards in all of our business activities is the key to maintaining the great relationships we've built with our employees, our customers, and the communities we've invested in.



**Brandt Tractor Ltd.**

Terrace Branch, 102-5221 Keith Ave., Terrace, BC, V8G1L2, Canada, 250.615.4150



**JOHN DEERE**



### Loader Build

6040DW	1	624 P-TIER 4WD LOADER
0924	1	JD POWERTECH ENGINE
1010	1	STANDARD WHEEL LOADER
1120	1	5 SP TRANSMISSION W/ LOCK UP
1217	1	140 AMP ALTERNATOR
1310	1	FLAT BLACK CURVED STACK
1430	1	AIR INTAKE WITH PRECLEANER
1510	1	STANDARD HYDRAULIC FAN
1610	1	FUEL TANK W STD FILTER
170K	1	JDLINK
1910	1	PREMIUM CAB
1940	1	7 INCH DISPLAY MONITOR
1975	1	HYDRAU XR HYDRAULIC FLUID
2010	1	STANDARD Z-BAR
2130	1	STEERING WHEEL W/ SECONDARY
2240	1	PREMIUM SEAT WITH HEAT & COOL
2360	1	JOYSTICK CONTROLS
2403	1	THREE FUNCTION HYDRAULICS
2510	1	RIDE CONTROL
2605	1	ENGLISH DECALS & MANUALS
2715	1	15 AMP CONVERTER
2890	1	NO PAYLOAD SCALE NO COUNTER
3049	1	AXLE,W/ HYD FRONT & REAR
3110	1	AUTOMATIC DIFFERENTIAL LOCK
4415	1	20.5R25 L2 MI SNO-PLUS 3PC
5540	1	FULL WIDTH FRONT FENDERS
5610	1	LEFT SIDE STEPS ONLY
5780	1	96 INCH WIDE FORK FRAME
5870	1	60 INCH CONSTRUCTION TINES
7120	1	HALOGEN WORK & DRIVE LIGHTS
8220	1	REAR HITCH & COUNTERWEIGHT
8240	1	REAR CAMERA ONLY
8275	1	LED STROBE BEACON W/ BRACKET
8350	1	EXTERIOR MIRRORS-HEAT&POWER
8370	1	RADIO - PREMIUM
8450	1	AC CHARGE
8561	1	HYD COUPLER-HI/VIS/ISO PATRN
8890	1	BESL 3.5CY GP BUCKET
9015	1	ENGINE BLOCK HEATER
9043	1	ENVIRONMENTAL DRAIN & PORTS
9050	1	WHEEL SPIN CONTROL SYSTEM
9055	1	THROTTLE LOCK
9140	1	FIRE EXTINGUISHER
9240	1	ENGINE COMPARTMENT LIGHT
9410	1	GUARDS-TRANSMISSION & BOTTOM
9520	1	LICENSE PLATE BRACKET
9525	1	SMV EMBLEM

**Brandt Tractor Ltd.**

Terrace Branch, 102-5221 Keith Ave., Terrace, BC, V8G1L2, Canada, 250.615.4150



**JOHN DEERE**

### **Loader Price**

2021 John Deere 624P  
FOB Masset Airport  
Price Per Above Build Codes

**\$267,300 + Tax**

### **Machine Options**

3<sup>rd</sup> Function Hydraulics  
Michelin Snow Plus Tires  
Loader Orientation  
Rear Fenders  
Reversing Fan  
LED Lights

Included (\$1,612 Option)  
Included (\$4,908 Option)  
Included  
\$1,741  
\$1,445  
\$1,215

### **Attachment Options**

BESL 3.5 CY GP Bucket  
John Deere 60" Forks  
BESL Jib Boom  
BESL 20'Runway Plow

Included  
Included  
\$8,142  
\$49,916

### **Warranty**

Factory 1 Year Unlimited Hour Comprehensive  
Warranty Travel Included

### **Optional Extended Warranty**

3 Year or 1000 Hour Power Train & Hydraulics	\$3,977
4 Year or 1500 Hour Power Train & Hydraulics	\$7,029
5 Year or 2000 Hour Power Train & Hydraulics	\$9,083

Warranty Travel Included by Brandt

### **Delivery**

FOB Masset	Loader/Forks/Bucket	12-14 Weeks from order
FOB Masset	Jib Boom	12-14 Weeks from order
FOB Masset	Runway Plow	20-22 Weeks from order



### **Spare Parts Inventory**

The Terrace dealership will be your main contact point for all your parts needs. They have fully stocked parts departments that work in conjunction with all our other dealerships to coordinate parts.

At Brandt we maintain a minimum parts level in our system that gets replenished when stock levels hit the safety stock point. Any parts across the company that get a minimum of 2 orders in the past 2 years we keep on the shelf. If we do not have the required part at the closest parts department it is shipped out from the next location for next day. If the part is not in Brandt inventory we can usually get the part from John Deere also within 24 hours.

We also have a customer Support Centre that reduces trouble shooting time for repeat problems and gets your equipment back to work quickly and efficiently. Brandt offers 24/7 live operator parts coverage, with fully trained parts staff for immediate ordering. We are committed to offering the best over-the-counter parts availability in the industry. Brandt is committed to trained technical specialists ready to assist you when you need us, and full after hours support to ensure that when you're working, we're working.

### **Customer Service Agreement**

Brandt technicians are available for on-site and emergency service 24 hours a day, seven days a week. A fleet of heavy-duty service trucks covers our entire territory. Fully equipped with special purpose tools and computerized diagnostic equipment, they provide fast, accurate troubleshooting and repair. Working closely with our 24/7 Product Support Centre we have instant access to parts availability when needed. Our Terrace Dealership also have a full service shop with factory trained technicians that are available for equipment repairs during normal business hours.

<b><u>Fuel Consumption Rating L/H</u></b>	Low	Med.	High
624P T4 Engine	4.5	6.8	12.0

### **Value Added Services**

JD Link comes equipped on our Loaders for a 5 year period giving you full machine monitoring. With JD Link you can monitor where your machine is, fuel burn, idle time, diagnostic trouble codes, engine utilization, service requirements and more.



REQUEST FOR PROPOSAL NO. 2021-5  
Masset Airport Wheel Loader

## SECTION 5.0 - FORM OF PROPOSAL

### DECLARATION

I/We the undersigned authorized signing officer of the Proponent, HEREBY DECLARE that no person, firm or corporation other than the one represented by the signature (or signatures) of proper officers as provided below, has any interest in the Proposal.

I/We further declare that all statements, schedules and other information provided in this Proposal are true, complete and accurate in all respects to the best knowledge and belief of the Proponent.

I/We declare that this Proposal is made without connection, knowledge, comparison of figures or arrangement with any other corporation, firm, partnership or persons making a Proposal and is in all respects fair and without collusion for fraud.

I/We further declare that no employee of the Village is or will become interested, directly or indirectly as a contracting party or otherwise in the supplies, work or business to which it relates or in any portion of the profits thereof, or in any such supplies to be therein or in any of the monies to be derived there from.

I/We further declare that the undersigned is empowered by the Proponent to negotiate all matters with the Village's representatives, relative to this Proposal.

I/We further declare that the agent listed below is hereby authorized by the Proponent to submit this Proposal and is authorized to negotiate on behalf of the Proponent.

I/We further agree in submitting this Proposal, we recognize the Village may accept any Proposal in whole or in part, or elect to reject all Proposals.

I/We are familiar with the various terms and conditions of the proposal process and that the attached proposal submission is fully compliant with the requirements stated in the Request for the Proposal documentation.

### **ACKNOWLEDGEMENT OF ADDENDA**

I/We have received and allowed for **ADDENDA NUMBER** None in preparing my/our Proposal.  
Insert #'s or "none"

Brandt Tractor Ltd.

Company Name

Signature

Lloyd Norminton Director of Governmental Sales

Print Name

**NOTE: Failure to sign this page and return with your submission will result in non-acceptance of your submission.**

## Airport Wheel Loader and Attachments Specifications

Engine	YES	NO
Six Cylinder, turbocharged, charge air cooled diesel engine and shall be designed and built by the manufacturer	✓	
Engine shall be certified to EPA Final Tier 4/EU Stage IV	✓	
Engine shall have a wet-sleeve cylinder liner design for improved cylinder cooling over dry sleeve and cast-in-bore design for improved cylinder and piston ring durability.	✓	
Engine displacement shall be no less than 6.8 liters (414 cu. in.)	✓	
Engine net peak power shall be no less than 192 hp (143 kW) @1600 rpm	✓	
Engine shall develop at least a 58% torque rise and should have at least 644 lb-ft (874 Nm) net peak torque @ 1,300 rpm	✓	
Fuel system shall be high-pressure, common rail	✓	
Daily check points shall be accessible from one side of the engine and shall be done from ground level	✓	
Under-hood engine air cleaner shall be dry type, dual element with a restriction sensor and in-cab restriction warning light. Must be able to access air cleaner without tools.	✓	
Access to engine will be open from both sides with side opening, full access service doors	✓	
Engine shall have no less than 10-micron rated primary dual stage fuel filter with water separator	✓	
Loader shall be equipped with a heavy-duty steel fuel tank guard	✓	
Service interval for the engine oil and filter shall be 500 hours	✓	
The unit shall have an auto-idle, auto-shutdown feature for the engine as standard equipment.	✓	
Unit shall have glow plugs or equivalent for cold start aid.	✓	
Cooling		
Unit shall have a proportionally controlled, hydraulically driven, 90 degree-swing-out fan, standard equipment	✓	
The unit will have two-side access to all coolers	✓	
Air intake shall be pre-screened .12 inches (3 mm perforations) for each cooling component	✓	
Cooling system shall be isolated from the engine compartment	✓	
Unit shall have a coolant recovery tank provided	✓	
Unit shall have a fan-guard	✓	
Fluid levels should be easily checked by sight gauges or overflow tank	✓	
Power Train		
Unit shall have a torque-converter, countershaft-type power shift transmission, 5 forward, 3 reverse speeds	✓	
The transmission shall be electronically controlled, adaptive, with load and speed dependent shift modulation	✓	
Shift modes shall be manual, auto to 1st or 2nd, kick down or kick up/down.	✓	
Service interval for the transmission oil filter shall be 2000 hours	✓	
The transmission clutch calibration shall be performed from the cab monitor	✓	
Unit shall be equipped with a selectable wheel spin limiting device that limits wheel spin in loose or slippery ground conditions while loading the bucket.	✓	
Unit shall have steering column or joystick mounted F-N-R and gear-select lever, kick-down button on hydraulic lever. Will also have quick shift feature that allows pushbutton gear changes, one gear at a time	✓	
Sight gauge showing transmission fluid shall be at ground-level	✓	
Transmission filter restriction shall be displayed in the cab	✓	

The transmission shall be able to reach 24.8 mph in 5th gear and 11.65 in third gear with 20.5R25 tires	✓	
<b>Axles/Brakes</b>		
The final drives shall be heavy-duty inboard-mounted planetary	✓	
The loader shall have two brake pedals with an activation switch to allow left brake pedal to switch between a brake neutralizer or brake only function.	✓	
The service brake shall be hydraulically actuated, spring-retracted, inboard sun-shaft mounted, oil cooled, self-adjusting, single disc, and sealed from water, mud, and dust contamination	✓	
The brakes shall have easy access for inspection.	✓	
The parking brake shall be automatic, spring applied, hydraulically released, driveline-mounted, oil cooled, multi-disc and sealed from water, mud and dust contamination	✓	
Axle breathers shall be elevated to reduce contamination.	✓	
Rear axle shall not have less than 24 degree total oscillation, stop to stop, when equipped with 20.5R25 tires	✓	
The dipstick port and housing fill shall be at the top of the axle	✓	
The front axle shall be hydraulically actuated, disc clutch style, locking differential for maximum traction when required but with less tire wear than limited slip or no-spin differentials	✓	
The loader shall have a standard hydraulic locking front with conventional rear and optional dual locking front and rear axle	✓	
The loader shall have automatic differential lock	✓	
<b>Hydraulic System</b>		
The hydraulic filter shall be in-tank, vertical mounting with service interval of 4000 hours.	✓	
The hydraulic fluid shall have a rated life of 4000 hours	✓	
The hydraulic system shall be pressure-compensating load-sensing for reduced fuel consumption and better fluid heating compared to open center hydraulic systems	✓	
Hydraulic tank capacity should be no less than 27.2 gallons for extended hydraulic fluid intervals and cooler system temperature	✓	
In cab adjustable automatic return to dig to level attachment with two savable settings.	✓	
Unit will be provided with an in-cab adjustable automatic boom height kick out control	✓	
Unit will be provided with in-cab adjustable automatic boom return-to-carry control	✓	
Unit shall be equipped with either single-lever joystick or single axis fingertip electrohydraulic controls	✓	
A sight gauge will be provided for checking hydraulic reservoir fluid	✓	
Hydraulic pump shall be variable-displacement, axial-piston pump: closed-center, pressure-compensating system	✓	
Unit will have two programmable multi-function buttons	✓	
All auxiliary flow functions will have the ability to be adjustable and continuous	✓	
Unit will have ability to save hydraulic settings for up to ten attachments	✓	
Bucket shake feature for fine metering of loose materials	✓	
Precision mode for operations requiring slow and precise control of hydraulics	✓	
Loader steering articulation angle shall be no less than 80 degrees, 40 degrees in each direction	✓	
<b>Electrical</b>		
Two batteries shall be included, 24 volt, 950 CCA, with a rated reserve of 200-min	✓	
The electrical system shall be 24 volt with 130 amp alternator	✓	
The unit shall have a solid-state electrical power distribution system using circuit board technology and solid-state switches	✓	

The unit shall have a keyless starting system with configurable security settings.	✓	
The unit shall be provided with a master electrical disconnect switch	✓	
Cab will be pre-wired for a rotating beacon/strobe light	✓	
The in-cab switch module shall be sealed to keep out dirt, dust and airborne debris	✓	
Unit shall be equipped with driving lights with guards, turn signals and flashers, stop and tail lights. The tail lights shall be LED type mounted high up in the rear grille for protection from damage and better sight visibility and shall have a normal service life equal to the machine.	✓	
Unit shall come standard with three 12v power ports	✓	
Unit shall be equipped with analog display for: engine coolant temperature, transmission oil temperature, hydraulic oil temperature, and engine oil pressure	✓	
Unit shall have digital readout for: engine rpm, odometer, transmission gear/direction indicator, speedometer, hour meter, fuel level, DEF level, average fuel consumption, and outside temperature	✓	
Unit shall have operator warning lights for: check engine, engine oil pressure, engine air restriction, battery voltage, transmission filter restriction, brake pressure, hydraulic oil filter, transmission fault, hydraulic oil temperature	✓	
<b>Operator Station</b>		
Unit shall be equipped with a Cab enclosure with ROPS/FOPS Level 1 protection, and be multiplane isolation mounted for noise/vibration reduction	✓	
3" retractable seat belt shall be provided	✓	
Dual tilt Steering wheel shall be standard	✓	
3-point contact at all times at the front and rear of the loader and around the roof-line	✓	
The cab shall have continuous and unobstructed glass from roofline to floor for visibility in tight quarters.	✓	
A seat backrest extension will be standard	✓	
Cab shall have 1 cup holder, 1 cup/thermos holder with strap, personal cooler holder/storage compartment for operator's manual, rubber floor mat and coat hook	✓	
Standard AM/FM/Weather Band (WB) with remote auxiliary port	✓	
Front sun visor shall be pull down type	✓	
Optional premium seat with high-wide back and headrest extension. Heated and ventilated, leather/fabric cover	✓	
<b>General Specifications</b>		
Unit shall be equipped with 20.5 R 25, 1 Star L-3 tires with multi-piece rims	✓	
Front tires shall be covered with fenders	✓	
The counterweight shall be built-in	✓	
Unit will be provided with a rear hitch with locking pin	✓	
Unit shall have an articulation locking bar	✓	
Unit shall have vandal protection with lockable engine enclosures, right counterweight storage, battery box, filler access for radiator/fuel/DEF/hydraulic/transmission	✓	
The unit shall be provided with a loader boom service locking bar	✓	
Loader shall have reinforced articulation joints with double tapered roller bearings	✓	
Fuel tank capacity shall be no less than 79 gallons (299 L) with ground-level fueling	✓	
Operating weight with standard equipment, pin-on GP Bucket with Bolt-On Edge, 3.5 cu yd (2.7 m3), 20.5R25 tires, ROPS cab, 175 lb. operator and full fuel tank shall be no less than 35,769 lb. (16 225 kg)	✓	
Bucket breakout force shall be no less than 26,810 lb. (12 161 kg) with manufacturer's standard z-bar with pin-on GP Bucket with Bolt-On Edge, 3.5 cu yd (2.7 m3)	✓	
Ground clearance under the loader shall be no less than 15.1" (384 mm)	✓	
Loader shall have height to hinge-pin (fully raised) no less than 13'0" (3.96 m)	✓	

Machine Full turn tipping load with standard Z-bar linkage and GP Bucket with Bolt-on Edge, 3.5 cu yd (2.7 m <sup>3</sup> ) , no tire deflection shall be at least 23,483 lb. (10 652 kg).	✓	
Machine Full turn tipping load with standard Z-bar linkage and GP Bucket with Bolt-on Edge, 3.5 cu yd (2.7 m <sup>3</sup> ) with tire deflection shall be at least 24,154 lb. (10 956 kg).	✓	
Load Rite L2180 payload scale ready	✓	
<b>Frames and Structures</b>		
Machine front frame shall be of a 4-plate design of four vertical plates extending from boom pivot pins reaching to the front axle to distribute boom loads on the axle. The design is superior to the two-plate frames	✓	
Loader bucket bell crank linkage shall be fabricated of high strength steel for increased durability and strength over castings.	✓	
Machine shall be equipped with an exterior mounted, ground level storage compartment	✓	
<b>Optional configuration</b>		
Optional automatic reversing fan drive with monitor adjustable 20 - 40 minute time increments	✓	
Unit has standard axle oil coolers and filtration.	✓	
Optional Ride control, automatic with monitor adjustable speed settings	✓	
Optional High-lift loader linkage for additional 14" height to hinge pin, fully raised	✓	
Optional High-lift plus loader linkage for additional 24" height to hinge pin, fully raised	✓	
Optional electrical corrosion-prevention protection for protection in corrosive environments such as salt handling	✓	
Optional centrifugal engine air intake pre-cleaner for heavy airborne debris or dust	✓	
Optional centrifugal cab fresh air pre-cleaner for heavy airborne debris and dust.	✓	
Optional heated mirrors for cold weather environments.	✓	
Optional in cab adjustable rearview mirrors	✓	
Optional environmental drains and oil sampling for the engine oil, transmission oil, hydraulic oil, and engine coolant.	✓	
Optional heated seat with headrest and independent height and weight adjustment for operator comfort and cold environments.	✓	
Optional Z-Bar or High-Lift NeverGrease Pin Joints to minimize the amount of greasing service required of the machine.	✓	
Optional Joystick Steering system to minimize operator fatigue	✓	
Optional right side steps and handholds to provide easy access for cleaning windows.	✓	
Optional engine compartment light for late night fuel and lube operations.	✓	
Optional rear view camera and radar object detection for better rear visibility and object detection.	✓	
Optional 5 Speed Lock-Up Torque Converter Transmission for quicker acceleration, faster ramp climbing, and decreased fuel consumption	✓	
Color coded remote-start battery terminals for easier and faster jump starting.	✓	
Optional fire extinguisher	✓	
Optional Load Rite L2180 or Embedded Payload Scale	✓	
Optional rear view camera with a dedicated rearview display monitor	✓	
Optional throttle lock	✓	
Optional 3rd, 4th, 5th and 6th hydraulic functions all operable from the primary joystick controller	✓	
Optional engine compartment light	✓	
<b>Attachments With Quick Connect - Provide details</b>		
20 foot snow plow for airport use - Provide details	✓	
Standard work bucket- Provide details	✓	

Pallet forks - Provide details	✓	
Material Handling Arm with hook- Provide details	✓	



## Trans Canada Yellowhead Highway Association



# Municipal Membership Information Confirmation

<b>MUNICIPALITY NAME:</b>			
<b>DESIGNATED REPRESENTATIVE(s) - carries voting privileges; *see schedule below:</b> <b>*Pop'n:</b> 1-1000 = 1 Rep  1001-5,000 = 2 Reps  5001-15,000 = 3 Reps  15,001+ = 4 Reps			
<b>Primary Voting Representative 1:</b>			
<b>POSITION/TITLE:</b>			
<b>E-MAIL *:</b>			
<b>* NOTE: To comply with CASL please see below:</b> <input type="checkbox"/> By checking this box you agree to receiving electronic messages from TCYHA			
<b>Voting Representative 2 (if applicable):</b>			
<b>Voting Representative 3 (if applicable):</b>			
<b>Voting Representative 4 (if applicable):</b>			
<b>BILLING CONTACT NAME (if different from above):</b>			
<b>POSITION/TITLE:</b>			
<b>E-MAIL*:</b>			
<b>* NOTE: To comply with CASL please see below:</b> <input type="checkbox"/> By checking this box you agree to receiving electronic messages from TCYHA			
<b>ADDRESS:</b>			
<b>CITY/TOWN/VILLAGE:</b>			
<b>PROVINCE:</b>		<b>POSTAL CODE:</b>	
<b>TELEPHONE:</b>		<b>FAX:</b>	
<b>WEB SITE:</b>			
<b>Most Recent Population count:</b>			
~ Return completed form with payment or scan & email to address noted below* ~			

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

**Thank you**

Should you have any questions, please feel free to contact us at [admin@goyellowhead.com](mailto:admin@goyellowhead.com)\*



TRANS CANADA YELLOWHEAD HIGHWAY ASSOCIATION  
c/o, 9111- 146A STREET N.W. EDMONTON, AB, T5R 0X3  
PH: (780) 761-3800 ~ EMAIL: [ADMIN@GOYELLOWHEAD.COM](mailto:ADMIN@GOYELLOWHEAD.COM)  
[www.transcanadayellowhead.com](http://www.transcanadayellowhead.com) ~ [www.goyellowhead.com](http://www.goyellowhead.com)



Valued Member – During these unprecedented times having a fully representative voice for municipalities along the Yellowhead Highway corridors is paramount. Thank you for your support which has enabled us to ensure our active advocacy and promotion remained effective.

2021 saw improved communication with Provincial and Federal governments and we have seen needed infrastructure improvements in all four Provinces as identified by Provincial Transportation officials from the four Western Provinces at our Special General Meeting.

We have begun looking at strategies that will re-energize local economies much of which will be an increase in regional tourism. To that end we have aligned ourselves with Indigenous Tourism Association of Canada and we will be engaging in discussions with the new Federal Minister of Tourism, Hon. Randy Boissonnault, who has been a supporter of the TCYHA.

Your TCYHA has 75 years of success in helping grow our economies; from movement of resources to market to promoting the unique Canadian traveling experience for tourists.

Now is the time, much like when the Association first came to being, that a collective and collaborative voice has the potential for significant impact. There is strength in unity and in doing so come out of these trying times stronger than ever. As such your ongoing support is important to making a difference for the whole Yellowhead corridor!

I invite you to continue your valued support by sending in your renewal.

Safe travels,

A handwritten signature in black ink, appearing to read "Merv Starzyk".

**Merv Starzyk**, President TCYHA  
(Mayor, RM Yellowhead MB)



*~ The preferred route for all your travel needs ~*

## Lianne Trepanier

---

**From:** admin@goyellowhead.com  
**Sent:** December 23, 2021 12:49 PM  
**To:** Lianne Trepanier  
**Cc:** goyellowhead@gmail.com  
**Subject:** Re: 2022 Fees

Hi Lianne,

TCYHA membership dues are set on a per capita basis. Currently it is set at \$0.20 per capita. We have the population of Masset as being 793 so the membership for the Village of Masset would be \$158.60 plus gst for a total of \$166.53.

Hope that answers the question well enough.

Have a happy, healthy, and safe holiday season.

*John*

H. John Wojcicki

C.A.O.

Trans Canada Yellowhead Highway Association

*(established in 1947)*

#3, 9343 – 50 Street

Edmonton AB T6B 2L5

780.761.3800

[admin@goyellowhead.com](mailto:admin@goyellowhead.com)

[www.goyellowhead.com](http://www.goyellowhead.com)

[www.transcanadayellowhead.com](http://www.transcanadayellowhead.com)

#GOYH @GOYYellowhead

----- Original Message -----

**From:**  
"Lianne Trepanier" <vomadmin@mhtv.ca>

**To:**



**GREATER MASSETT DEVELOPMENT CORPORATION**

January 05, 2022

Village of Masset  
Box 68  
Masset, BC  
V0T 1M0

Attention: Mayor and Council

Dear Mayor Pages and Council:

Our records indicate that two of the director's terms from the Village of Masset on the GMDC Board will be expiring as of the date of the Annual General Meeting this year.

Please make arrangements to have these positions reinstated or replaced with confirmation in writing or to be brought to the Annual General Meeting originally scheduled for Wednesday, January 19, 2022.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Jo-Ann Brown".

Jo-Ann Brown  
GMDC