

City of Coquitlam

Request for Proposals

RFP No. 23-032

One (1) Tandem Axle Dump Truck

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[PROPOSAL SUBMISSION FORM](#)

[APPENDIX A – PREFERRED SPECIFICATIONS](#)

SUMMARY OF KEY INFORMATION

RFP Reference	RFP No. 23-032 One (1) Tandem Axle Dump Truck
Overview of the Opportunity	The purpose of this RFP is to invite proposals from qualified firms for the supply and delivery of One (1) Tandem Axle Dump Truck as specified within this RFP document.
Closing Date and Time	2:00 pm local time Friday, March 24, 2023
Instructions for Proposal Submission	Proposals are to be consolidated into one PDF file and uploaded electronically through QFile, the City's file transfer service accessed at qfile.coquitlam.ca/bid <ol style="list-style-type: none"> In the "Subject Field" enter: RFP Number and Name Add files in .pdf format and Send (Ensure your web browser remains open until you receive 2 emails from QFile to confirm receipt.) Phone 604-927-3037 should assistance be required. The City reserves the right to accept Proposals received after the Closing Date and Time.
Obtaining RFP Documents	RFP Documents are available for download from the City of Coquitlam's website: https://www.coquitlam.ca/Bid-Opportunities Printing of RFP documents is the sole responsibility of the Proponents.
Instructions to Proponents	The guidelines for participation that will apply to this RFP are posted on the City's website: Instructions to Proponents
Questions	Questions are to be submitted in writing quoting the RFP number and name up to 3 business days before the Closing Date sent to email: bid@coquitlam.ca Questions received after that time may not receive a response.
Addenda	Proponents are required to check the City's website for any updated information and addenda issued, before the Closing Date at the following website: https://www.coquitlam.ca/Bid-Opportunities
Withdrawal of Submission	Proposals may be withdrawn by written notice only, made by an authorized representative of the Proponent sent to email: bid@coquitlam.ca prior to the Closing Date and Time.
Terms and Conditions of Contract	City of Coquitlam Standard Terms and Conditions - Purchase of Goods and Services are posted on the City's website and will apply to the Contract awarded as a result of this RFP.

DEFINITIONS

“Agreement” “Contract” means the contract for services or City Purchase Order that will be issued to formalize with the successful Proponent through negotiation process with the City based on the proposal submitted and will incorporate by reference the Request for Proposals, Specifications, Drawings, any additional subsequent information, any addenda issued, the Proponent’s response and acceptance by the City.

“City” “Owner” means City of Coquitlam;

“CMVSS” means Canadian Motor Vehicle Safety Standards

“Price” means the amount that will be paid by the City to the Supplier for delivery and acceptance of goods and Services;

“Project Manager” means the City staff member appointed to coordinate the work;

“Proponent” means responder to this Request for Proposals;

“Proposal” means the submission by the Proponent;

“Request for Proposals” “RFP” shall mean and include the complete set of documents, specifications and addenda incorporated herein, and included in this Request for Proposals;

“Services” “Work” “Works” means and includes the provision by the successful Proponent of all services, duties, and expectations as further described in this RFP. This will also mean the whole of the work, tools, materials, labour, equipment, travel, and all that is required to be done, furnished and performed by the Supplier;

“Shall” “Must” “Will” “Mandatory” means a requirement that must be met;

“Supply” “Provide” shall mean supply and pay for and provide and pay for.

“Supplier” means the person(s) firm(s) or corporation(s) appointed by the City to carry out all duties, obligations, work and services described in the Request for Proposal and all associated documentation, which may also include mutually agreed revisions subsequent to submission of a Proposal. Both “Supplier” and “Proponent” are complementary in terms of duties, obligations and responsibilities contemplated at the Request for Proposals stage, through evaluation process, execution and performance of the services and works.

1 INSTRUCTIONS TO PROPONENTS

1.1 Purpose

The purpose of this RFP is to invite proposals from qualified, experienced companies for the supply and delivery of **One (1) Tandem Axle Dump Truck** as stated within this RFP. Equipment shall be new and that which has never been owned except by a manufacturer, distributor or dealer and has never been registered.

The City is seeking to identify and select a qualified Supplier that have the knowledge, technical resources, experience, reputation and capacity to supply, deliver and provide continuous support for the equipment.

1.2 Proposal Submission

Proponents should complete and submit the information requested in this RFP document on the [Proposal Submission Form](#) and [Appendix A – Preferred Specifications](#) or in a format that has been approved and is acceptable to the City.

1.3 Instructions to Proponents

Proponents are advised that the rules for participation that will apply to this RFP are located: [Instructions to Proponents](#).

By submission of a Proposal in response to this RFP, the Proponent agrees and accepts the rules by which the bid process will be conducted.

The City will not be responsible for any delay or for any submission not received for any reason, including technological delays or issues by either party's network or email program, and the City will not be liable for any damages associated with submissions not received.

1.4 Specifications and Alternatives

Wherever the Specifications state a brand name, make, name of manufacturer, trade name, or Supplier catalogue number, it is for the purpose of establishing a grade or standard. It is not intended to rule out competition from equal brands or makes. If vehicles or equipment other than that specified is offered, it is the Proponent's responsibility to provide information in its Proposal that enables the City to confirm equivalency and acceptance.

Except where stated otherwise, [Appendix A – Preferred Specifications](#), describe what is considered necessary to meet the performance requirements of the City and Proponents should consider this in its Proposal. If the Proponent cannot meet Specifications, the Proponent may identify and offer an alternative which it believes to be an equal or better alternative.

Special consideration may be given to accessibility of the various units which require periodic maintenance and ease of operation.

Proponents shall clearly indicate any variances from the City's Specifications or conditions and attach descriptive literature.

Proponents may also propose alternative equipment which meets the majority of the specifications if it is immediately available for delivery. The City will review proposed alternative equipment for suitability in order to take delivery sooner; however, the City is not

obligated to accept any alternatives. The City will determine what constitutes acceptable deviations and overall best value.

Proponents are to provide environmentally efficient equipment and services wherever possible. If there are known alternatives or substitutions for such materials that would mitigate the effects of any adverse conditions on the environment, the Proponent agrees to advise the City of such alternatives or substitutions.

1.5 Requested Departures

The Proponent acknowledges that the departures requested in the Proposal Submission Form will not form part of the Contract unless and until the City specifically consents in writing to any of them. The City may not consider any departures not stated in the Proponent's Proposal Submission.

1.6 Evaluation Criteria

Evaluation Criteria of each proposal will be determined in accordance with the following:

Proposal Evaluation Summary	Maximum Points to be Awarded
Corporate Experience, Reputation, Capacity and Resources	30
Technical	30
Financial and Value Added	40
Total	100

The criteria for evaluation of the Proposals may include, but is not limited to:

Corporate Experience, Reputation, Capacity and Resources

- Business and technical reputation and capabilities; experience, financial stability, capacity and resources
- References (on time delivery, support, performance, etc.)

Technical

- Delivery Lead Time
- Compliance with the preferred specifications
- Ease of operation
- Maintenance requirements
- Maintenance - Local support and parts availability in Metro Vancouver area
- Warranties
- Training
- Demonstration Unit

Financial and Value Added

- Price
- Value Added / Sustainable benefits

These criteria will be used to determine best overall value to the City. Proposals will be compared to select one or more that are most advantageous.

And, upon selection of one or more lead Proponent(s):

- References may be contacted
- Interviews may be conducted

The City reserves the right to check references on other projects even if they are not specifically listed. Information obtained from references will be confidential and will not be disclosed to any Proponents.

These criteria will be used to determine best overall value to the City as well as any other criteria that may become evident during the evaluation process.

The City may, at its discretion, request clarification or additional information from a Proponent with respect to any Proposal and the City may make such requests to only selected Proponents. The City may consider such clarifications or additional information in evaluating a Proposal.

Incomplete Proposals or Proposals submitted on forms other than the Proposal Form may be rejected.

Proponents agree the City may disclose names of Proponents and total award amount, however, unevaluated results, unit prices, rates or scores will not be provided to any Proponents.

The City reserves the right to reject without further consideration any Proposal which in its opinion does not meet the criteria it considers essential for the work outlined in this RFP.

Where only one Proposal is received, the City may reject such and re-issue the RFP on a selected basis.

1.7 Eligibility

For eligibility, and as a condition of award, the successful Proponent would be required to meet or provide the equivalent:

- a) Accept the City's standard Terms and Conditions posted on the City's website: [Standard Terms and Conditions - Purchase of Goods and Services](#)
- b) A City of Coquitlam or Tri Cities Intermunicipal [Business License](#)

1.8 Warranties

The Proponent shall provide a full statement of the warranty period and terms, including extended warranty options, for items listed in [Appendix A – Preferred Specifications](#), as a minimum. This warranty should clearly describe the terms under which the equipment manufacturer or sub-suppliers of the manufacturer accept responsibility for the cost to repair defects caused by faulty design, quality of work or material and for the applicable period of time after delivery.

1.9 Prices

Prices shall be all-inclusive and stated in (Canadian Funds). Prices shall remain FIRM for the delivery of equipment and completion of the Services.

Supply and delivery of materials is to be included in the price, FOB, Freight Prepaid to:

**City of Coquitlam
Works Yard West
500 Mariner Way
Coquitlam, BC, V3K 7B6**

Prices shall include the provision of all tools, materials, equipment, labour, transportation, fuel, supervision, management, overhead, materials, traffic control, services, all necessary packing and crating (where applicable), Canadian Customs import and export duties, freight, handling, insurance, all other associated or related charges, foreign, federal, provincial and municipal taxes, bonding costs, all licences, permits, inspections and all other requirements necessary for the commencement, performance and completion of Services as described.

Taxes are to be shown separately at time of invoicing.

The lowest price of any Proposal will not necessarily be accepted but will be analyzed to determine best overall value.

2 GENERAL CONDITIONS OF CONTRACT

2.1 Terms and Conditions of Contract

The City's [Standard Terms and Conditions - Purchase of Goods and Services](#), as published on the City's website, the Conditions listed in this RFP, along with the accepted Proposal, addenda and any subsequent clarifications, correspondence, the totality of which will constitute the Contract.

3 SCOPE OF SERVICES

3.1 General Requirements

The Supplier is to provide **One (1) Tandem Axle Dump Truck** to be used in a municipal environment as specified in [Appendix A – Preferred Specifications](#).

The unit is to be the current production model with all the latest updates including, where requested, all manuals, instructions, training and requested spare parts.

The Services include, but are not limited to:

- Supply and Delivery of the equipment proposed;
- Provide local (Metro Vancouver) dealer warranty service;
- Provide post-delivery services and parts availability at a local dealer area; and
- Preventative maintenance schedule.

3.2 Quality and Workmanship

The quality and workmanship of the completed delivered product must meet or exceed that of any sample, demo unit, or any other representation made by the Supplier prior to delivery.

Vehicles and equipment shall comply with all applicable legislated and regulatory standards. All welding shall meet American Welding Society or Canadian Welding Bureau current standards.

3.3 Environmental Considerations

Equipment offered is to be environmentally friendly, including but not limited to the manufacturing process, materials, oils, lubricants, paints and other fluid materials, wherever possible.

3.4 Pre-delivery Services

The equipment shall be delivered clean and shall be complete with all equipment required for the equipment to be operable. The delivered equipment will be inspected for compliance with the approved Purchase Order and current standards.

3.5 Pre-delivery Inspection

A road performance test and general operation inspection must be performed prior to delivery.

3.6 Delivery

Delivery is to be made with **minimum 48 hours' notice**, at a scheduled time that is mutually acceptable to the City, freight prepaid F.O.B to:

**City of Coquitlam
Works Yard West
500 Mariner Way
Coquitlam, BC, V3K 7B6**

An authorized representative of the Supplier shall supervise delivery to the City.

3.7 Regulatory Requirements

The vehicles must have a standard road package that meets all legal requirements for operation on public roadways, including the BC Motor Vehicle Act, the federal Motor Vehicle Safety Act and Work Safe BC regulations.

Must comply with all WorkSafe BC Regulations.

Must meet all B.C. Motor Vehicle Regulations and meets all requirements to be driven on highways, roads, etc.

Meet Canadian motor vehicle safety standards.

3.8 Documentation at Time of Delivery

The Supplier is to provide the following documentation upon delivery with each piece of equipment:

Quantity	Description
4 sets	KEYS - All keys (four full sets), a complete parts list, and service manuals are to be delivered with the vehicle

1	Manufacturer's Certificate of Origin
1	Warranty document and certifications
1 set	One complete Service Manual to cover, but not limited to, tires, engine, batteries, transmission, axles, electrical components to cover each piece of equipment proposed
1 set	One Parts Manual covering the entire piece of equipment proposed
1 set	One set of As-built Electrical Wiring Schematics to cover any and all wiring not installed by chassis manufacturer. This diagram to include part numbers and brand names of switches, lights, etc. of parts used
1 list	Complete PARTS LIST of all belts, hoses, and filters; including part numbers, manufacturer and use
1 list	All Fluid Capacities in litres.

3.9 Warranties

The Supplier agrees to repair or replace any faulty equipment and that any defects discovered and failures which occur during the guarantee period will be rectified to the satisfaction of the City within a reasonable amount of time at no cost to the City.

3.10 Recall Notices

In the event of any recall notice, technical service bulletin, or other important notification affecting a unit purchased under this Contract, a notice shall be sent to the City. It shall be the responsibility of the Supplier to assure that all recall notices are sent directly to the City Fleet department.

3.11 Manufacturer-Authorized

Supplier must be authorized by the manufacturer to sell vehicles and parts where such authorization is granted by the manufacturer. The relationship with the manufacturer must be direct and not indirect through a third party.



City of Coquitlam

PROPOSAL SUBMISSION FORM

RFP No. 23-032

One (1) Tandem Axle Dump Truck

Proposals will be received on or before 2:00 pm local time on

Friday, March 24, 2023

(Closing Date and Time)

INSTRUCTIONS FOR PROPOSAL SUBMISSION

Proposal submissions are to be returned in Microsoft Word and any other supporting documents to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: qfile.coquitlam.ca/bid

1. In the "Subject Field" enter: RFP Number and Name

2. Add files in .pdf format and "Send"

(Ensure your web browser remains open until you receive 2 emails from QFile to confirm upload is complete.)

Proponents are responsible to allow ample time to complete the Proposal Submission process. If assistance is required phone 604-927-3060.

Legal Name of Proponent	
Contact Person and Title	
Business Address	
Telephone	
Email Address	

1.

DEPARTURES AND AWARD

a) CONTRACT - I/We have reviewed the City's Standard Terms and Conditions - Purchase of Goods and Services and would be prepared to enter into in an agreement that incorporates the City's Standard Terms and Conditions, amended by the following departures (list, if any):	
Section	Requested Departure(s) / Alternative(s)
b) SERVICES - I/We have reviewed the Scope of Services as described in this RFP and are prepared to meet those requirements, amended by the following departures and additions (list, if any):	
Requirements – Requested Departure(s) / Alternate(s) / Addition(s)	
c) AWARD - For eligibility of award, the City requires the successful Proponent to complete and have the following in place before providing the Goods and Services. Section 1c items are not required as part of this Proposal but may be required prior to entering into an agreement with the City.	
i. Vendor Info - Complete and return the City's Vendor Profile and Electronic Funds Transfer Application (PDF)	
ii. Business License - A City of Coquitlam or Tri Cities Intermunicipal Business License	
iii. Contract – Acceptance of the City's Terms and Conditions: Standard Terms and Conditions - Purchase of Goods and Services	
As of the date of this Proposal, we advise that we have the ability to meet all of the above requirements except as follows (list, if any):	

2.

CORPORATE

a) CAPABILITIES, CAPACITY AND RESOURCES - Proponents to provide information on the following (use the spaces provided and/or attach additional pages, if necessary):
i. Structure of the Proponent, background, how many years they have been in business and organizational history (e.g. mission, vision, corporate directions, years in business, etc.):
ii. Proponent is to provide a narrative as to their experience and capabilities in delivering goods and Services similar to those requested in this RFP:
iii. Proponent is to state how many customers they have using One (1) Tandem Axle Dump Truck :

b) REFERENCES – Proponent shall be competent and capable of performing the Services requested and successfully delivered service contracts of similar size, scope and complexity. The City reserves the right to contact any person(s), agency(ies) or firm(s) not listed as part of an independent review.	
Reference No. 1	
Description of Contract	
Size and Scope	
Work Performed	
Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

Reference No. 2	
Description of Contract	
Size and Scope	
Work Performed	
Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

Reference No. 3	
Description of Contract	
Size and Scope	
Work Performed	
Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

3. TECHNICAL

a) DEMONSTRATION UNITS

Availability, location and notification required to arrange for a demonstration and testing of the following equipment as proposed:

****The City may choose to use the demo vehicle in the field for one day****

b) LEAD TIME FOR DELIVERY

The lead time for delivery of the new unit is an important consideration in this purchase. The Proponent guarantees to deliver the vehicle(s) F.O.B. (freight pre-paid) to:

City of Coquitlam, Works Yard West, 500 Mariner Way, Coquitlam, BC.

Lead time in days for manufacture and delivery once the final specification is approved by the City:

c) KEY FACILITY LOCATIONS

Manufacturing Plant, Business Name and Location:

I. Warranty and Repair Service Center

State location of nearest affiliate service facilities with factory authorized technicians located in Metro Vancouver area. Business Name and Location:

II. State the procedure for handling warranty claims:

d) MRO Parts Distribution Center

I. Business Name and Location:

II. Regular Lead Time for Delivery of Stocked Parts:

III.	Provide a list and details of stocked parts available at the local dealership for the equipment proposed (attach additional information if necessary):
IV.	Location for non-stocked parts:
V.	Regular Lead Time of <u>Non- Stocked Parts</u> :

e) Quality Assurance	
I.	Provide information on the systems of Quality Control and build specification assurance.
II.	Preventative Maintenance – Provide preventative maintenance schedule. Attach if necessary

f) TRAINING AND MANUALS	
I.	Operators – state duration of training, number of attendees and number of on-site workshops at Coquitlam Works Yard:
II.	Fleet and Maintenance – state duration of training, number of attendees, number of workshops and Location
III.	Training Method – State type of training method used to teach.
IV.	Manuals (online/web based/DVD/paper manuals) included: <ul style="list-style-type: none"> 1 parts manual

- 1 repair manual for truck and all mounted equipment
- 1 service manual
- 2 Operator's manuals
- Wiring schematics including all installed systems and equipment

State format available:

V. Training Materials:

Access to online/web based or DVD training, 1 for Operators and 1 for Mechanics

Confirm and State format available:

g) WARRANTIES AND EXTENDED WARRANTIES

Attach Warranty information including extended warranties. Any additional cost is to be stated:

Manufacturer Warranty

State:

5. FINANCIAL

a) One (1) Tandem Axle Dump Truck_In accordance with APPENDIX A – PREFERRED SPECIFICATIONS			
One (1) Tandem Axle Dump Truck – State Manufacturer and Model:			
	Item	Quantity	Unit Price (exclude PST & GST)
a)	One (1) Tandem Axle Dump Truc	1	\$
	Levies (per unit):	1	\$
b)	Environmental Tax (per unit):	1	\$
Sub-Total			\$
PST			\$
GST			\$
TOTAL PRICE (per unit)			\$
TOTAL PRICE (x Units)			\$
The Price must include all required decals, paint and any features required to be compliant with all regulations and standards and be fully operational.			

b) WARRANTIES AND EXTENDED WARRANTIES	
Attach Warranty information including extended warranties. Any additional cost is to be stated:	
Extended Bumper to Bumper Warranty State term:	State Term: \$
Other available Warranty Options:	State Options: \$

c) VALUE ADD

Provide information on what makes your firm innovative, what is your competitive advantage, and what other services your firm provides that would assist or be of benefit to the City

d) SUSTAINABLE BENEFITS AND SOCIAL RESPONSIBILITY

a) Describe all initiatives, policies, programs and product choices that illustrate your firm's efforts towards sustainable practices and environment responsibility in providing the services that would benefit the City

b) What policies does your organization have for hiring apprentices, indigenous peoples, recent immigrants, veterans, young people, women, and people with disabilities:

c) What policies does your organization have for the procurement of goods and services from local small and medium sized business or social enterprises:

Attention Purchasing Manager:

6. **I/We, the undersigned duly authorized representative of the Proponent**, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the City's website www.coquitlam.ca/Bid-Opportunities and having full knowledge of the Site, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions connected to performing the Services; submit this Proposal in response to the RFP.
7. **I/We** agree to the rules of participation outlined in the [Instructions to Proponents](#) and should our Proposal be selected, agree to the City's [Standard Terms and Conditions - Purchase of Goods and Services](#) and will accept the City's Contract as defined within this RFP document.
8. **I/We acknowledge** receipt of the following Addenda related to this Request for Proposals and have incorporated the information received in preparing this Proposal.

Addendum No.	Date Issued

This Proposal is submitted this ____ day of _____, 20 ____.

I/We have the authority to sign on behalf of the Proponent and have duly read all documents.

Name of Proponent	
Signature(s) of Authorized Signatory(ies)	1.
	2.
Print Name(s) and Position(s) of Authorized Signatory(ies)	1.
	2.

APPENDIX A – PREFERRED SPECIFICATIONS – TANDEM AXLE DUMP TRUCK

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
1.	GENERAL	It is the intent of these specifications is to describe the preferred requirements for one (1) new Tandem Axle Dump Truck . The unit must have a standard road package that meets all legal requirements for operation on public roadways, including the BC Motor Vehicle Act, the federal Motor Vehicle Safety Act and Work Safe BC regulations.	
A.	Make		
B.	Model		
C.	Year of Manufacture		
D.	Vehicle Weight	Approximately GVW 58,000 lbs <ul style="list-style-type: none"> State vehicle weight 	
E.	Regulatory	Must comply with all WorkSafe BC Regulations. Must meet all B.C. Motor Vehicle Regulations and meets all requirements to be driven on highways, roads, etc. Must meet 2018 mandatory emission requirements. To meet Canadian motor vehicle safety standards.	
2.	CAB		
A.	Cab Type	Regular cab	
B.	Wipers	Dual wipers with intermittent	
C.	Horns	Dual electric & air horns	
D.	Back-up Alarm	Maximum 102 dBA: <ul style="list-style-type: none"> Does it meet Work Safe BC regulations and requirements? Please state its dBA rating 	
E.	Heater	Multi speed high output heater, defroster and air conditioning	
F.	Radio	AM/FM radio with Bluetooth	
G.	Mirrors	Electric adjustable mirrors and dual front fender mounted convex mirrors <ul style="list-style-type: none"> State options 	
H.	Power Accessories	Power windows and door locks <ul style="list-style-type: none"> State options 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
I.	Driver's Seat	Air ride premium cloth seat with all ergonomic adjustments. Rider seat to be base cloth or vinyl. <ul style="list-style-type: none"> • Provide information as to ergonomic adjustments • State colour options 	
J.	Floor Cover	Vinyl cover <ul style="list-style-type: none"> • State colour 	
K.	Gauges	Is to include speedometer, tachometer, fuel, diesel exhaust fuel ("DEF"), oil pressure, coolant temperature, outside temperature, brake application, primary and secondary air reservoir gauges <ul style="list-style-type: none"> • State gauges which are included and what style of gauge each one is. Outside temperature gauge is dash mounted and factory installed. <ul style="list-style-type: none"> • Confirm outside temperature gauge is factory installed and is dash mounted 	
L.	Cab Light	Door activated dome light	
M.	Cab Handles	Left and right grab handles for the entry and exit of the cab.	
N.	Paint	Cab colour is standard white and is to come with base and clear coat Frame is to be black. Interior is to be gray. State colour options	
O.	Sound Suppression	Cab is to include sound suppression <ul style="list-style-type: none"> • State what means are used to achieve sound suppression • State the ambient noise within the cab while tractor is in full use, including flail mower use 	
P.	Safety	Unit is to come equipped with reflector kit and a mounted fire extinguisher <ul style="list-style-type: none"> • State where reflector kit is applied on unit • State size and where extinguisher is mounted 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
3.	CHASSIS		
A.	Wheel Base	Wheel base as short as possible to meet weight distribution requirements <ul style="list-style-type: none"> State wheel base length State overall width of unit 	
B.	Cab to Axle	To meet weight distribution requirements <ul style="list-style-type: none"> State cab to axle length State overall length of unit 	
C.	Fuel Tank(s)	Mounted as far forward as possible to accommodate future belly snow plow: State mounting location of fuel tanks: Does this provide room to utilize a belly plow on this chassis?	
D.	Service Functions	Intended Service Functions: <ul style="list-style-type: none"> Dump Front and underbelly plow Stainless Steel Spreader 	
4.	DUMP BOX		
A.	Body	Painted with corrosion resistant grey zinc paint. <ul style="list-style-type: none"> Provide details on painting process State paint to used and its resistance to corrosion properties 	
B.	Construction	Materials <ul style="list-style-type: none"> The floor to be made of Hardox or similar. The sides, headsheets, and tailgate to be made of 201 Stainless Steel Longsill construction with no cross members <ul style="list-style-type: none"> State Welds to be continuous to prevent entry of water and material <ul style="list-style-type: none"> State: 	
C.	Bulkhead	Integral front hoist cylinder design <ul style="list-style-type: none"> State 	
D.	Capacity	Approximately 12 to 16 cubic yards <ul style="list-style-type: none"> State capacity 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
E.	Dimensions	Length – inside approximately 16 feet <ul style="list-style-type: none"> State: Width – inside approximately 7 feet 3 inches / outside 96 inches <ul style="list-style-type: none"> State 	
F.	Tailgate	Hydraulic hiliift tailgate with three (3) drum style batchgates in tailgate	
G.	Sides	Folding ladder and support handles integrated into box side for purposes of checking load <ul style="list-style-type: none"> State: 	
H.	Tarp	Electric Automatic style tarp system <ul style="list-style-type: none"> State: 	
I.	Warranty	Warranty on dump box <ul style="list-style-type: none"> State: 	
J.	Miscellaneous	Four (4) Shovel/broom holders on bulkhead, 2 per side. Frame mounted toolbox (size to be determined based on space available). Frame mounted safety cone holder <ul style="list-style-type: none"> State: Body safety prop for dump box <ul style="list-style-type: none"> State: 	
K.	Light Bar	Two (2) LED traffic advisor (slim strip style), and dual led beacons all mounted on cab protection <ul style="list-style-type: none"> State brand and warranty: 	
5.	ENGINE EQUIPMENT		
A.	Diesel Engine	Minimum 425 Horse Power & 1400 foot pounds engine torque: <ul style="list-style-type: none"> State horse power rating of engine offered State engine torque rating in foot pounds 	
B.	Emissions	Engine is to be 2023 emission compliant <ul style="list-style-type: none"> Provide details 	
C.	Brake	Combination exhaust/compression brake: <ul style="list-style-type: none"> State type 	
D.	Fuel Economy	<ul style="list-style-type: none"> State fuel economy 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
E.	Filters	Lubricant, fuel and coolant filters – spin on <ul style="list-style-type: none"> State if filters are spin on. If not, please provide style of filters 	
F.	Fuel Water Separator	<ul style="list-style-type: none"> State style and mount location 	
G.	Hand Throttle	Hand throttle switch to increase, decrease or set engine RPM – cruise control switches are acceptable <ul style="list-style-type: none"> State style of hand throttle 	
H.	Fuel	Biofuel compatible <ul style="list-style-type: none"> State warranty coverage in regards to using biofuel State maximum biodiesel content whether unit will work (20% to 100% biodiesel) 	
6.	COOLING SYSTEM		
A.	Heavy Duty Radiator	Must meet engine & transmission cooling requirements: <ul style="list-style-type: none"> Compliant with extended life coolant 	
B.	Transmission Cooler	Meets the needs of engine and transmission	
C.	Block Heater	1500 Watt with hard wiring to outside of cab <ul style="list-style-type: none"> State wattage and confirm wiring location 	
D.	Hoses	Hoses are to be silicone with constant torque clamps	
7.	ELECTRICAL		
A.	Alternator	Alternator 160 amp minimum: <ul style="list-style-type: none"> State amperage of alternator State warranty length 	
B.	Circuit Breakers	Auto reset to replace fuses	
C.	Lighting System	12 Volt lighting system with circuit protection Unit lighting is to be LED where possible <ul style="list-style-type: none"> State where the unit utilizes LED lighting. State warranty on LED lighting 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
D.	Wiring	Circuits are to be numbered and /or color coded. All wiring from back of cab to be sealed. Must have a minimum of 4 integrated auxiliary switches. <ul style="list-style-type: none"> How many auxiliary switches does the proposed unit come with? 	
E.	Battery	Battery (3) 12 Volt with a combined 2700 Cold Cranking Amps ("CCA") <ul style="list-style-type: none"> State what comes with the proposed unit and the total CCA rating 	
F.	Trailer Brake Controller	Full trailer towing package or aftermarket controller installed at the dealer: <ul style="list-style-type: none"> State what is offered 	
8.	EXTERIOR LIGHTING		
A.	Full Light Package	Includes headlights, amber warning lights, turn signals and brake lights Meets Canadian Motor Vehicle Safety Standards	
B.	Stop, Tail and Signal Lights	Separate stop, tail and signal lights recessed with protective guards to be LED. <ul style="list-style-type: none"> State type of lights Do lights come with protective guards? 	
C.	Clearance Lights	Clearance lights are to be LED <ul style="list-style-type: none"> State: 	
D.	Regulatory	Lighting to meet BC motor vehicle regulations	
E.	Back-up	Clear back-up lights to be LED and activate when reverse gear is selected	
F.	Strobe Lights	To be flush mounted on four corners of vehicle. State mounting style and location	
G.	Work Lights	LED Work lights 2 lights on front plow 2 lights on each side underbelly plow <ul style="list-style-type: none"> State: 	
H.	Beacon Lights	Dual cab mounted LED beacons <ul style="list-style-type: none"> State model 	
9.	TRANSMISSION		
A.	Transmission	Six speed fully automatic Allison transmission <ul style="list-style-type: none"> State all options available 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
		<ul style="list-style-type: none"> State warranty State Type 	
B.	Transmission Temperature Gauge	<ul style="list-style-type: none"> State type of temperature gauge 	
C.	Transmission Lubricant	Synthetic lubricant for extended warranty <ul style="list-style-type: none"> Provide information of synthetic lubricant and extended warranty options in respect to using synthetic lubricant 	
10.	FRONT AXLE		
A.	Capacity	Approximately 20,000 lb capacity <ul style="list-style-type: none"> State front axle capacity 	
B.	Shock Absorbers	Heavy Duty <ul style="list-style-type: none"> State what is offered 	
11.	REAR AXLES		
A.	Capacity	Approximately 46,000 lbs <ul style="list-style-type: none"> State rear axles capacity 	
B.	Power Divider Lock	Separate switch <ul style="list-style-type: none"> Provide details 	
C.	Dual Axle Lock	Separate switches <ul style="list-style-type: none"> Provide details 	
12.	STEERING		
A.	Power Steering	Tilt and telescopic	
13.	BRAKES		
A.	Front Brakes	<ul style="list-style-type: none"> State type of brakes (disc preferred) State size and thickness of rotors/drums and pads, size of calipers 	
B.	Rear Brakes	<ul style="list-style-type: none"> State type of brakes (disc preferred) State size and thickness of rotors/drums and pads, size of calipers 	
C.	Emergency Brake	<ul style="list-style-type: none"> State type and operation State location 	
14.	RIMS AND TIRES		
A.	Front Rims	Aluminum – non polished <ul style="list-style-type: none"> State size of rims Load rating 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
B.	Front Tires	Traction tires installed <ul style="list-style-type: none"> State tire manufacturer and model State tire size 	
C.	Rear Rims	Aluminum <ul style="list-style-type: none"> State size of rims Load rating 	
D.	Rear Tires	Traction tires installed <ul style="list-style-type: none"> State tire manufacturer and model State tire size 	
15.	FRAME AND EQUIPMENT		
A.	Dump Box	Must be suitable for steel Dump Box State:	
B.	Pintle Trailer Hitch	Installed with air and electrical State:	
C.	Tow Hooks	Front mounted State:	
D.	Mud Flaps	Front and Rear State:	
16.	FUEL TANK		
A.	Fuel Tank	Diesel tank to be labelled “Diesel Fuel Only” Mounted as far forward as possible to accommodate belly snow plow: <ul style="list-style-type: none"> State capacity of tank in litres State location of tank 	
B.	Diesel Exhaust Fluid (“DEF”) Tank	DEF tank to be labelled “DEF Only” <ul style="list-style-type: none"> State capacity of tank in litres State location of tank 	
17.	HYDRAULIC SYSTEM		
A.	System	To be Parker IQAN system, with a seat mounted single joystick, and a coulor screem Ram mounted on dash. Lines to be stainless steel where possible. <ul style="list-style-type: none"> Capacity for front and underbody plow, sander, hoist and tailgate 	
B.	Controls	All in one hydraulic control unit to operate : Front plow	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
		Underbelly Plow Hoist Tailgate Sander <ul style="list-style-type: none"> State: 	
C.	Tank	Hydraulic Tank to have sufficient volume to provide operation and adequate cooling. Preference is for a split tank fuel/hydraulic oil To be equipped with low oil and temperature sending unit <ul style="list-style-type: none"> State volume of tank Will tank proposed have adequate cooling capabilities for all attachments listed? State tank composition Is tank a split design State location of tank 	
D.	Power Take Off (“PTO”)	Sufficient to power all attachments stated <ul style="list-style-type: none"> State type of PTO State horse power rating State torque capacity State control mechanism to engage PTO 	
18.	EQUIPMENT - INSTALLED		
A.	Under Body Plow	Monashee Manufacturing Ltd. 10 foot blade length	
B.	Front Plow	J – Roll style 11 foot blade length 42 inch height Level raise lift system <ul style="list-style-type: none"> State make and model: 	
C.	Salt Spreader	<ul style="list-style-type: none"> Stainless Steel inverted V style salt spreader. Approx 15’ long and 8 yard capacity Dual Auger design Top Screen, rubber side spill shields, and front metal spill shields installed Tip up style spinner shute 	

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
		<ul style="list-style-type: none"> Rear Led lighting package with Stop, Tail, and turn lights and amber spinner discharge lights. To be equipped with stainless steel self loading legs. 	
D.	Joystick Controls	All in one control unit with individual joysticks <ul style="list-style-type: none"> State: 	
19.	SAFETY EQUIPMENT		
A.	Certification	Meets ANSI B71.4-2004 standard Meets Canadian Motor Vehicle Safety Standards	
B.	Fire Extinguisher	5 lb ABC - Mounted in operators cab	
20.	WARRANTY		
A.	Warranty	<ul style="list-style-type: none"> State standard warranty, duration of warranty, what is included and what is not covered State engine and emissions warranty, duration of warranty, what is included and what is not covered Provide information as to available extended warranties what is covered, duration of coverage and cost to purchase 	
21.	DELIVERY		
A.	Pre-delivery and Inspection	Complete pre-delivery and motor vehicle inspection check	
22.	PARTS AND SERVICE		
A.	Spare Parts List	Complete list of preventative maintenance parts and consumables. <ul style="list-style-type: none"> Provide part numbers and product description 	
B.	Keys	Four complete sets of keys are to be supplied at time of delivery.	