

FORM N: DETAILED SPECIFICATIONS 25046

SUPPLY AND DELIVERY OF DUMP TRAILERS

1. INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 All items in these specifications should be answered indicating compliance or non-compliance.
- 1.2 **Bidders shall state “yes” for compliance or state “deviation”** or give a reply where requested to do so. Deviations and/or equivalents shall be clearly stated and fully detailed. Deviations and/or equivalents will be considered subject to evaluation. In every instance where a brand name or design specifications is used, the City will also consider deviations and/or equivalents.
- 1.3 Lengthy explanations of deviations may be included in a separate document and must reference the appropriate Detailed Specification.
- 1.4 Each Bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.
- 1.5 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these Detailed Specifications, for under this Contract, the Contractor shall be held responsible to ensure that the manufacturer will be responsible for the design, performance, reliability, and satisfactory operational function of the unit.

2. DESCRIPTION OF EQUIPMENT Dump Trailers

- 2.1 These specifications describe **Dump Trailers** and other equipment and features as specified herein.
- 2.2 The **Dump Trailers** shall be a new **2025** model year or newer.
- 2.3 The Dump Trailer and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship to the best standards and engineering practice of the industry.
- 2.4 The ratings specified herein merely state the minimum values acceptable to the City, not implying that those values are sufficient for the design of the equipment being bid.

3. OTHER SPECIFICATIONS AND STANDARDS

- 3.1 All applicable SAE Standards form an integral part of the vehicle specifications and shall have precedence in any conflict concerning **Dump Trailers** shall comply with the applicable regulations:

Standard - Specification/Regulation	Internet URL
Transport Canada, National Safety Mark, NSM:	http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm
Manitoba Safety and Health Regulation, Parts 12, 16, 22:	http://web2.gov.mb.ca/laws/regs/current/217.06.pdf
Canadian Motor Vehicle Safety Standards C.M.V.S.S.:	http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html
Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker:	http://web2.gov.mb.ca/laws/regs/index.php?act=h60
Canadian Standards Association CSA:	http://www.csagroup.org
Under Writers of Canada U/L:	http://www.ulc.ca
Society of Automotive Engineers SAE:	http://www.sae.org

City of Winnipeg Lighting Visibility Standard:

<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>

Manitoba Building Code:

https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=31/2011

3.2 Where applicable, the completed unit shall include a Manitoba Government Inspection with Safety Sticker.
3.3 Where applicable, the manufacturer/installer shall affix their National Safety Mark (NSM) certification sticker on each unit.

State NSM number: _____

4. FUEL

4.1 Where applicable, the equipment shall be fully fuelled upon delivery (no exceptions).

5. REFERENCES

5.1 Provide five (5) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

6. MAKE & MODEL

6.1 State year, make and model being bid:

Vehicle / Equipment

Make: _____

Model: _____

Model Year: _____

7. PERFORMANCE RELIABILITY

7.1 The responsibility for the design of the **Dump Trailers** its performance and reliability shall rest upon the Contractor.

7.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, or assembly. Minor items or ordinary service adjustments are not included or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service, and lubrication attention by not following the manufacturer's preventative maintenance schedule.

7.3 Where the **Dump Trailers** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations, or modifications to guarantee reliability of performance.

7.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. **Note:** **The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).**

8. SERVICE FACILITY

8.1 For warranty repairs, the Bidder shall have an authorized service facility. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type of equipment being offered. Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator or City Representative.

9. QUALIFICATIONS OF MANUFACTURER AND CONTRACTOR

9.1 The manufacturer of the **Dump Trailers** shall have five (5) years continuous experience manufacturing **Dump Trailers**.

9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

9.3 The Contractor shall have five (5) years continuous experience servicing, repairing, and maintaining **Dump Trailers** of the type being offered.

10. WEIGHT DISTRIBUTION

10.1 Where applicable, the completed vehicle shall not exceed the City of Winnipeg's limits gross vehicle weight, axle, and tire loads with the unit (including the chassis) fully fuelled and operational with two (2) operators and including a full payload of cut trees.

Note:

The City of Winnipeg and the Province of Manitoba limits the gross vehicle weight and axle and tire loads to

- **Front axle (steering axle) – 7300 kg (16,094 lbs.)**
- **Rear axle (single axle) – 9100 kg (20,062 lbs.)**
- **Tire load – 9 kilograms for each millimetre width of tire (approx. 500 lbs. per inch of tire width)**

11. WEIGH SCALE TICKET

11.1 Where applicable, the Contractor shall provide a certified weigh scale ticket upon delivery of the completed unit. The Scale Ticket shall include front and rear axle weights fully fueled and operational including two (2) operators.

12. SPECIFICATIONS

Make, Model and Model Year

12.1	Make	State: make: _____	_____
12.2	Model	State: model: _____	_____
12.3	Model Year	Model Year 2025 or newer State: model year: _____	_____

Reliability – Rated Capacity

12.4	GVWR (lbs.)	Approximately 9900 lbs. State: operating weight: _____	_____
------	-------------	--	-------

12.5 Rated Payload (lbs.)- bumper pull
Approximately 7,440 lbs.
State: rated payload: _____

12.6 Dry Weight (lbs.)
Approximately 2460 lbs.
State: dry weight: _____

12.7 Axle Rating (lbs.) (with electric brakes)
Approximately 2 X 5200 lbs.
State: axle rating: _____

Structure and Dimensions

12.8 Bed Material
Approximately 10 – 12-gauge steel.
State: bed material: _____

12.9 Side Height and Material
Approximately 18 ", 10 – 12-gauge steel.
State: side height and material: _____

12.10 Bed Length (ft)
Approximate bed length 10'.
State: length _____

12.11 Bed Width (in)
Approximate bed width (in) 72".
State: floor/rim: _____

12.12 Powder Coated Finish
(sandblasted and zinc primed)
Finish powder coated.
State: finish _____

Included Equipment

12.13 Pull Type(s)
Bumper.
State: pull type(s) _____

12.14 Jackleg Drop Capacity (lbs.)
Approximate 8,000 (lbs.)
State: jackleg drop capacity _____

12.15 Fenders
Steel tread plate
Bolt on.
State: type: _____

12.16 Gate Type
2-Way dump
State: type _____

12.17 Scissor Hoist
5-ton capacity.
State: capacity _____

12.18 Steel Wheels
Steel.
State: type _____

Easy to Operate – Safety & Convenience Features

12.19 Tire Size
ST225/75R15.
State: tire size: _____

12.20 Arctic Wiring Package
Soldered and enclosed in conduit.
State: type _____

12.21	Preformed Pockets	3/16" State: size _____	_____
12.22	2-5/16" Coupler and 7-Way Plug, Breakaway Box, Battery and Switch-	2-5/16" coupler and 7-way plug, breakaway box, battery and switch. State: _____	_____
12.23	LED Lights Rubber Mounted	LED lights rubber mounted. State: _____	_____
12.24	5/16" Grade Safety Chains, 70 Chain with Grab Hooks	5/16" Grade safety chains. State: _____	_____
Additional Features			
12.25	Premium Heavy Duty Tarp	Heavy duty tarp. State: _____	_____

State Optional Pricing for:

Note: Will not be evaluated, for
information purposes only

12.26	Galvanized finish	Galvanized finish pricing (\$): _____	_____
-------	-------------------	--	-------

WARRANTY:

13.1	All warranty information shall be detailed and <u>include all exclusions.</u> The Contractor shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information.	_____
13.2	The warranty for the Dump Trailers shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction, and materials. Any equipment that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City. The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg	_____
13.3	Basic Coverage State: Terms: _____	_____

DELIVERY:

14.1 **Delivery Point:** _____

The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.V.I.S. (if applicable) to the Winnipeg Fleet Management Agency (WFMA) 185 Tecumseh Street, Winnipeg MB.

14.2 **Delivery Time:** _____

Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days.

State: earliest delivery time from date of award: _____

14.3 **Delivery Contact:** _____

The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

14.4 **P.D.I.:** _____

A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

MANUALS:

15.1 **Manuals:** _____

The following manuals shall be supplied with the equipment when delivered:

Operator – Two (2) Copies

- One (1) copy shall be sent to the Equipment Operator Training Branch
- One (1) copy to be left with the equipment

Parts and Service

- One (1) complete set including preventative maintenance schedules

Note: CD or USB flash drive is preferred where available

PARTS/LABOUR PRICING:

16.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. _____

State: percentage discount

16.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. _____

State: percentage discount

FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:

17.1 If applicable, to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, transmission, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing and first transmission service.

17.2 The Contractor must provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during Preventative Maintenance servicing.