

FORM A: BID
(See B7)

1. Contract Title SUPPLY & INSTALLATION OF 12' X 8' DUMP BODIES

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

E-mail address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

5. Offer

The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work

The Bidder agrees that no Work shall commence until he is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. Contract

The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

8. Addenda

The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	_____	Dated	_____
	_____		_____
	_____		_____

9. Time

This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures

The Bidder or the Bidder's authorized official or officials have signed this _____ day of _____, 20____.

Signature of Bidder or
Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

FORM B: PRICES
 (See B8)

SUPPLY & INSTALLATION OF 12' X 8' DUMP BODIES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Supply & Installation of 12' X 8" Dump Bodies	09001	(Each)	(4)	\$ _____	\$ _____

TOTAL BID PRICE (GST and MRST extra) (in figures) \$ _____

(in words) _____

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 09001

(12' x 8' DUMP BODY)

(*Streets Department*)

1.0 **SCOPE-**

1.1 These specifications describe the **Supply and Installation of a 12 ft. x 8 ft. Severe-Duty Dump Bodies** on a 39, 000 lbs. GVWR Single Axle Cab & Chassis supplied by the City of Winnipeg with the following specifications:

- 2009 International Single Axle
- GVWR 39,000 lbs
- 16,000 front axle
- 23,000 rear axle
- Wheel Base 169"
- Cab to Axle 102"
- After Frame 63"
- Front Axle Weight 7329 lbs. dry weight
- Rear Axle Weight 3847 lbs dry weight
- Complete with Parker Interior Cab Controls and Hydraulics

1.2 The dump bodies shall be furnished complete and ready for use. All parts not specifically mentioned, but which are required to complete and place the unit in successful operation, shall be furnished as though specifically mentioned in these specifications. The complete equipment, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.

1.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the unit.

2.0 **STANDARDS-**

2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

2.2 All welding shall conform to the CSA/CWB Standards W47.1-03 and W59-03.

2.3 The supply & installation of 12' X 8' dump bodies and all its components and attachments shall comply with the **applicable regulations:**

Highway Traffic Act = <http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php>

Manitoba Motor Vehicle Act = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

Canadian Motor Vehicle Safety Standards, CMVSS = <http://www.gnb.ca/0062/regs/83-163.htm>

Transport Canada = <http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html>

National Safety Mark, NSM = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>

Manitoba/Winnipeg Safety and Health Act = <http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

Under Writers of Canada, U/L = <http://www.ulc.ca/>

Society of Automotive Engineers, SAE =
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR-

- 3.1 The Contractor shall be a manufacturer or authorized distributor/supplier of dump body equipment.
- 3.2 For the purpose of warranty repairs, the Contractor shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the equipment being offered. Further to B9.1, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience on dump bodies, and general service capabilities. A description of the service facility shall be provided within 3-Calendar Days upon request of the Contract Administrator.
- 3.3 **The manufacturer/installer shall be a certified vehicle completer and must affix their National Safety Mark (NSM) certification sticker on each unit.**
- 3.3.1 **State NSM number-** _____

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

- 4.1 All items in these specifications must be answered indicating compliance or non-compliance. **BIDDERS SHALL STATE "YES" FOR COMPLIANCE OR STATE DEVIATION, OR GIVE A REPLY WHERE REQUESTED TO DO SO.** Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 4.2 Each bidder is required to fill in every blank. **FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID.**

5.0 PERFORMANCE-

- 5.1 The sever-duty dump bodies shall be capable of consistent top performance for hauling and dumping during the summer and winter environments which are normal to the City of Winnipeg. _____

6.0 SPECIFICATIONS –

- 6.1 Length outside – (12 ft.), state- _____
- 6.1.1 Length inside – state- _____
- 6.2 Width outside – to match chassis track width, nominal 244 cm (8 ft.). _____
- 6.2.1 Width inside – state- _____

6.3 Height of sides – (42 in.) approx. measured from the floor, state- _____

6.4 Height of tailgate – (48 in.) approx. measured from the floor, state- _____

6.5 Cab Guard – (18 in.) to match chassis cab height, exact dimension to be Determined upon pre-production meet- _____

6.6 Tarp – Air operated flip style tarp, color to be determined upon pre-production meet. _____

6.7 Ladder– Fabricated into dump body located passenger side. _____

7.0 MATERIAL-

7.1 All material used in construction to shall be the following:

7.2 Top rail- 3" X 4" X 3/16" tubing _____

7.3 Sides- 4 mm (5/32") Hardox 450 _____

7.4 Front- 4 mm (5/32") Hardox 450 _____

7.5 Tail Gate- 4.5 mm (3/16") Hardox 450 _____

7.6 Floor 4.5 mm (3/16") Hardox 450 _____

8.0 HOIST SYSTEM-

8.1 Hoist System- Front Mount telescopic cylinder, state make & model- _____

9.0 BODY WEIGHT-

9.1 Body weight- State body weight- _____

10.0 ELECTRICAL & LIGHTING-

10.1 All lighting – To conform to C.M.V.S.S. and Manitoba Highway Traffic Act. _____

10.2 Supplier installed lighting and lighting equipment– **Shall be Truck-Lite Or Groté LED** (except where otherwise noted) and shall include the following

- components: Rear lighting shall be recessed into the box to aid in mitigating damages _____
- 10.2.1 Combination turn/stop and taillights – One (1) per side with mounting grommets, flash rate 70-90 fpm. _____
- 10.2.2 Back-up lights – One (1) per side with mounting grommets. _____
- 10.2.3 Light cluster – Three (3) only with mounting grommets, located to be protected from damage. _____
- 10.2.4 Rear light mounting location – Taillights, back-up lights and 3-light cluster shall be mounted in the rear sill and corner pillars. The lights shall be situated so that no debris contacts the lights while dumping. _____
- 10.2.5 Clearance lamps – With mounting grommets. _____
- 10.2.6 Clearance lamp mounting locations–
- i) Front – two (2), located one on each bottom corner. _____
 - ii) Sides – two (2) per side, located on front and rear bottom corners. _____
 - iii) Rear – two (2), located one on each bottom or top corner. _____
- 10.3 No clearance light– Shall protrude beyond the dump body. _____
- 10.4 Taillights and back-up lights– Shall be fully visible when tailgate is lowered to horizontal position. _____
- 10.5 Licence plate lamp – P/N 15040, complete with licence plate bracket. _____
- 10.6 Harnesses – Truck-Lite 50 Series Harness system, properly routed and secured. _____
- 10.6.1 All harnesses– Shall be internally grounded, no exceptions. _____
- 10.7 Junction box – P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame. _____

- 10.8 All plug-in connectors– Shall be coated with Truck-Lite NYK compound prior to assembly. _____
- 10.9 Strobe lights – One clear concealed unit with a blue and yellow warning light , exact location to be determined upon pre-production meet. Yellow & Blue light shall be operated by separate OEM factor dash mounted switches. _____
- 10.9.2 Strobe lights– shall be wired through the ignition, wired through a single OEM dash mounted switch, labelled “Beacon” with a permanent type, engraved style label. _____
- 10.9.3 Working Lights- Two facing rear dump body mounted, exact locations to be determined upon pre-production meet. _____
- 10.10 Trailer connector – 6-pole, Grote 82-1068 or equal, wired through chassis manufacturer’s OEM auxiliary circuit, and installed in rear trailer hitch plate. _____
- 10.11 All wiring for warning lights and trailer connector– Shall be colour coded, loomed and properly secured. _____
- 10.11.1 All electrical connectors– Shall be crimped and soldered, then sealed using heat shrink tubing. _____
- 10.11.2 All joining of wires– Shall be soldered and sealed using heat shrink tubing or approved OEM weathertight connections (crimp on electrical connectors for joining wires are not acceptable). _____
- 10.11.3 Any holes required to run wires through– Shall be drilled (not punched), grommeted and sealed as required. _____
- 11.0 WELDING-**
- 11.1 All welds– Shall be continuous welds. _____
- 11.2 All welding performed – Shall conform to CSA Standard W47.1-03 and W59-03. _____
- Note: All welds are subject to inspection by a City of Winnipeg Qualified Inspector. _____
- 12.0 INSTALLATION-**
- 12.1 Any holes required in the chassis frame web must be drilled and reamed to fit bolts. _____

12.1.1 Drilling on chassis frame flanges is not permitted. _____

12.1.2 Welding on the chassis frame is not permitted, with the exception of installation of dump body pivot support. _____

12.2 Tire clearance – min. 8 cm (3¼ in.) with rear suspension air bags lowered. _____

12.3 Clearance between dump body and back of truck cab shall be 8 cm (3¼ in.). _____

13.0 MISCELLANEOUS-

13.1 Rear hitch plate– 12.7 mm (½ in.) thick solid steel, (laminated plates unacceptable) installed to chassis frame. _____

13.1.1 "A" frame hitch reinforcement – 76 mm x 76 mm x 9.5 mm (3" x 3" x ¾") angle iron, welded to back of hitch plate and bolted to chassis frame web. _____

13.2 Combination hitch – Premier 150 w/2 in. ball or approved equivalent hitch, installed on hitch plate at a 61 cm (24 in.) height. _____

13.3 Lunette eyes for trailer safety chains – one (1) each side of hitch, Buyers Products B56730 or equal. _____

13.4 Mud-flaps – Black rubber, no-name, located in front & rear tandem w/ anti-sail devices. _____

13.4.1 Rear mud-flaps– Shall not contact the ground when the dump body is at maximum dump angle. _____

13.5 Dump body prop – Double prop design, steel construction, to support dump body in raised position and permit servicing of hoist, operable by a single person, designed so as not to interfere with hoist cylinder or surroundings. _____

13.5.1 Dump body prop – To be complete with receiving bracket. _____

13.6 Grease fittings – Required on all bushings, pivot points and tailgate as required. _____

13.7 Rear Wheel Fenders– Require composite or polycarbonate heavy-duty rear tandem "half-moon" Fenders, state- _____

13.8 Shovel brackets– (2) Shovel brackets required, exact locations to be determined upon pre-production meet. _____

14.0 FINISH-

14.1 Complete dump body, hitch plate, reservoir, steel brackets, etc. shall be sandblasted, properly cleaned, primed and finished with the Endura paint process as follows:

14.1.1 Primer – Endura EP32 Intermix Epoxy Primer. _____

14.1.2 Paint – 3-5 mils of Endura EX-2C Topcoat, black. _____

14.2 Protective Spray on Material- The dump body shall have products Line-X Protective spray on material on top, middle & lower rails. Exact locations to be determined upon pre-production meet. _____

14.3 Prior to paint applications the contractor must contact the Contract Administrator for a pre-paint inspection. _____

15.0 WARRANTY-

15.1 The warranty on the complete dump bodies and attachments shall include 100% replacement parts and labour at no cost to the City and shall cover the complete equipment and all parts thereof against defects of workmanship, construction and materials for one (1) year from the date the equipment is put into service by the City of Winnipeg. _____

16.0 PERFORMANCE RELIABILITY-

16.1 The responsibility for the design of the complete dump bodies, it's performance and reliability shall rest upon the Contractor. _____

16.2 The term "repeated failures" as used herein is defined to mean that the same component, assembly, or sub-assembly develops repeated defects, breakdowns and/or malfunctions rendering the unit inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, assembly, or sub-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 schedules. _____

16.3 Where the unit develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance. _____

17.0 TRAINING-

17.1 The Contractor shall be required to provide training (at the Contractor's expense) for the City of Winnipeg maintenance and operating personnel. The training

shall be divided into two separate sessions, one for maintenance personnel and one for operating personnel. The training shall be conducted in separate or combined sessions for each group of personnel.

The duration of the sessions shall be as long as required for adequate familiarization and orientation of the equipment to the satisfaction of the Contract Administrator.

The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: The first payment of the contract on the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

17.2 Training Aides:

17.2.1 Training aids to be included.

a) On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available-

17.2.2 State if other training aides are available and state type.

17.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

17.4 State what other training aids are available (videos, CDs).

For the primary unit:

For major attachments (if applicable):

17.5 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to:

**Public Works Safety and Operator Training Division
Operator Training Branch
2nd Floor, Building "B", 1500 Plessis Road**

R2C 5G6

E-mail: pwd-opertrain@winnipeg.ca

Attn: Equipment Training Coordinator - Pending Equipment Delivery

17.6 State acknowledgement of item 17.5- _____

18.0 DELIVERY-

18.1 Delivery point- Equipment shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid to the WFMA 185 Tecumseh Street, Winnipeg, Manitoba _____

18.2 Delivery time- Within **twelve (12) calendar weeks** from the date of official notification of award of contract and arrival of chassis. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

18.3 Delivery contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment _____

18.4 Unit specifics- The Contractor shall fax all vehicle serial numbers, hours/mileage to the Contract Administrator 1-calendar week prior to delivery _____

18.5 Pre-Delivery Insp.- A pre-delivery inspection shall be performed by the Contractor on all equipment _____