

FORM A: BID
(See B7)

1. Contract Title SUPPLY & DELIVERY OF 18' 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 & DELIVERY OF 18' X 8' DUMP BODIES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QTY	UNIT PRICE	AMOUNT
1	18' x 8' Dump Body	01027	Each	2	\$ _____	\$ _____

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

(in words) _____

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 01027
SUPPLY & DELIVERY OF 18' x 8' DUMP BODIES
(Forestry)

1.0 SCOPE

- 1.1 These specifications describe the supply and delivery of 18' x 8' steel dump bodies as specified herein. The units shall be installed by the City of Winnipeg on tandem axle cab & chassis vehicles (see Section 14.0 Installation for chassis description).
- 1.2 The complete units 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 units (installation items excluded).
- 1.4 The ratings specified herein merely state the minimum values acceptable to the City. There is no intent of implying that these values are sufficient for the design of the units being bid.

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.

3.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 3.1 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.
- 3.2 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

4.0 PERFORMANCE

- 4.1 The dump body shall be capable of consistent top performance for hauling and dumping heavy logs during the summer and winter environment which is normal to the City of Winnipeg. _____

5.0 DIMENSIONS

- 5.1 Length, outside – nominal 18 ft. _____
- 5.1.1 Length, inside – 17 ft. 6 in. approx. _____
- 5.2 Width, outside – 8 ft. 6 in. max. including side walking provision (see 9.4). _____
- 5.2.1 Width, inside – 7 ft. approx. _____
- 5.3 Height of sides – 48 in. _____

5.4 Height of rear doors – 36 in. approx. _____

5.5 Height of front – to match chassis cab height. _____

6.0 MATERIAL

6.1 All material used in construction to be minimum 10 ga., 65,000 psi yield, A36 steel or equal except where otherwise noted, **state** material. _____

7.0 FRONT

7.1 Recess for multi-stage head lift. _____

7.2 Cab shield – formed from a single sheet of steel, 24 in. deep, sloped @ 20°. _____

7.2.1 Sides of cab shield to be $\frac{3}{16}$ in. plate. _____

7.2.2 Cab shield sides tapered @ 30° to provide adequate clearance for entry and egress of vehicle cab. _____

7.3 Hoist enclosure – open front design. _____

8.0 SIDES

8.1 Top rail – full box structural steel section, min. 3" x 3" x $\frac{3}{16}$ " or equal heavy duty top rail. Top rail shall be able to withstand heavy impacts from large tree stumps and tree trunks. _____

8.2 Side supports – vertical or horizontal ribs, formed or structural, equally spaced along side of box. _____

8.3 Bottom section of sides shall include a self-cleaning bottom rail. _____

8.4 Walkway – 6 in. steel grip strut attached to full length of each side near floor level providing a walkway from front to rear, hinged, fold-up design c/w grease zerks for hinges. _____

8.5 Tarp rail – $\frac{3}{8}$ in. round bar, welded to side supports mid-way between top and bottom, along full length of sides. _____

8.6 Rear side posts – heavy duty, formed or structural, $\frac{1}{4}$ in. _____

8.7 Inside access steps – one (1) per side, approx. 12"L x 5"W, located 30 in. from floor level. _____

9.0 REAR DOORS

9.1 Type – two (2) swing-out doors, hinged on rear side posts, centre latched. The right side door shall overlap the left side door. _____

9.2 Inside – formed from single sheets of steel. _____

9.3 Top rails – full box structural steel section, 3" x 3" x $\frac{3}{16}$ ". _____

9.4 Horizontal rails – heavy-duty, one (1) centred on each door, one (1) _____

bottom rail per door.

9.5 Side and centre vertical rails – full box section, 3" x 4" x $\frac{3}{16}$ ".

9.6 Hinges – two (2) per side, greasable, severe service with $1\frac{1}{4}$ in. pin diameter.

9.7 Rear latch – spring loaded latch mounted to the right side door. The spring loaded pin shall latch into the rear of the floor.

9.8 Door stays – required to secure rear doors in the fully open position while dumping.

10.0 FLOOR

10.1 Material – $\frac{3}{16}$ in., AR200 or equal, **state** material.

10.2 Floor to have a 60° slope along the joint to the side wall. Slope shall extend upward approx. 4 in.

10.3 Long sills – approx 10 in. formed longsills, tapered hat section design, continuously welded to the floor, $\frac{1}{4}$ in. thickness.

10.4 Rear cross sill – 8 in. structural channel welded to rear of floor, full-width, required for City installed lighting installations.

10.4.1 Lighting holes – provisions for thirteen (13) holes as follows:

- i) Clearance lights – four (4) $2\frac{1}{2}$ in. holes, 2-side facing at rear, 2-rear facing at each outer edge of cross sill.
- ii) Stop, turn and taillights – two (2) 4 in. round holes, located next to rear facing clearance light holes.
- iii) Reverse lights – two (2) 4 in. round holes, located on inner side of stop, turn and taillights.
- iv) Oval strobes – two (2) nominal 6"W x $2\frac{1}{2}$ "H holes, located on inner side of reverse lights.
- v) 3-light cluster – three (3) $2\frac{1}{2}$ in. round holes, centre mounted.

11.0 HOIST

11.1 Type – 4-stage, front-mounted headlift hoist, quenched and polished cylinder stages, protected against corrosion. **State** make and model being bid.

11.2 Bore – 6 in., **state**.

11.3 Capacity – 30-tons @ 2200 psi, **state**.

11.4 Dumping angle – 50 degrees.

11.5 Grease fittings – required on all pivot pins.

11.6 Hoist cradle/saddle – capacity to match dump body, greasable. **State**

make and model being bid.

12.0 HYDRAULICS

12.1 Hydraulic oil reservoir – required for a right hand side, chassis frame mount, steel construction, baffled as required, c/w breather type filler cap with filter, filler strainer and sight gauge.

12.1.1 Capacity – 20 US gallon, **state** capacity.

12.1.2 Suction strainer – 100 micron, replaceable, in-tank mounted.

12.1.3 Drain plug – ¾ in. diameter.

12.2 Return line filter – 10 micron spin-on type, serviceable without oil loss.

13.0 WELDING

13.1 All welds shall be continuous welds.

13.2 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.

14.0 INSTALLATION

14.1 The dump body shall be installed by the City of Winnipeg on the following cab & chassis vehicle:

2010 International

- 54,000 lbs. GVWR, tandem axle
- 156 in. CA
- 14,000 lbs. front axle
- 40,000 lbs. rear axle
- Rear air ride suspension
- Outside frame rails clear
- MaxxFace® 10 (9.3L)
- Allison 3000 RDS Series transmission
- Vertical exhaust
- Air brake system

14.2 Installation manual – the contractor shall provide an installation manual providing installation instructions of the dump body and hoist. The manual shall include, but not limited to, body positioning (clearance) between cab and dump body, recommended fasteners, welding criteria, etc.

14.3 Safety decals – warning, caution and danger decals required by Manitoba Labour and Immigration, Workplace Safety and Health Division.

15.0 MISCELLANEOUS

15.1 Grease fittings – required on all, pivot points, and drop-down side linkages as required.

15.2 Dump body prop – supplied only, not installed, operable by a single person, **state** design.

15.2.1 Prop shall support dump body in raised position and permit servicing of hoist.

15.2.2 Dump body prop to be complete with a receiving bracket.

15.3 Tipping hinge – capacity to match box, greasable.

16.0 FINISH

16.1 Complete dump body, steel brackets, etc. (with the exception of the inside floor) shall be sandblasted, properly cleaned, primed and finished with the Endura paint process as follows:

16.1.1 Primer – Endura EP32 Intermix Epoxy Primer.

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

17.0 DELIVERY

17.1 Delivery – the unit shall be delivered F.O.B. with the freight prepaid to the Winnipeg Fleet Management Agency, 215 Tecumseh Street, Winnipeg, Manitoba within **sixteen (16) calendar weeks** from the date of official notification of award of Contract. The Contractor shall contact the Contract Administrator prior to delivery of the equipment. Equipment shall be delivered within 8:00 am and 3:00 pm on Business Days.

17.2 A pre-delivery inspection shall be performed by the Contractor on all equipment.

18.0 PERFORMANCE RELIABILITY

18.1 The responsibility for the design of the complete dump body, its performance and reliability shall rest upon the Contractor.

18.2 The term "*repeat 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.

18.3 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.

19.0 **WARRANTY**

- 19.1 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 body equipment, and general service capabilities. A description of the service facility shall be provided within 3-Calendar Days upon request of the Contract Administrator.
- 19.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that warranty work be performed by the City of Winnipeg Repair Facilities. Any work performed by the City of Winnipeg Repair Facilities shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2010: \$75.00/hr regular time, \$102.50/hr overtime and callout).
- 19.3 The Contractor shall warrant **all equipment** and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **two (2) years** from the date the equipment is put into service by the City of Winnipeg.
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