

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title **SUPPLY & DELIVERY OF A FORCE FEED LOADER**

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

(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

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.1 unless the context otherwise requires.

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 Purchase Order 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 Submission.

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 forty-five (45) Calendar Days following the Submission Deadline.

10. Signatures

In witness whereof 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 A FORCE FEED LOADER

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	Force Feed Loader	05059	Each	1	\$ _____	\$ _____
1a	Parts, Repair and Technical Service Manuals/CD's for Item	05059	Each	1 Set	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____						

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 05059

Force Feed Loader

1.0 TYPE

1.1 Shall be a force-feed loader used for the removal of asphalt milling, snow and dirt removal and must be capable of operating in Winnipeg Manitoba climate conditions. The force feed loader shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE MAKE AND MODEL BEING BID: 2006/07** _____

2.0 OTHER SPECIFICATIONS AND 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 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker on the driver's side window.

3.0 SERVICE FACILITY

3.1 For the purpose of warranty repairs, the supplier 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 type 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, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

3.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that the City of Winnipeg Repair Facility perform warranty work. Any Work performed by the City of Winnipeg Repair Facility 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 2006: \$73.50/hour and \$ 103.50/hour for overtime and callout).

3.3 Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.

The Bidder shall choose and fill in **one of** the Clauses listed below. --- **3.3.1) OR 3.3.2)**

3.3.1 Bidder's own facility location. State the location of the service facility below.

3.3.2 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

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- 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 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.**

ITEM	BIDDER TO STATE "YES" OR STATE DEVIATION
------	---------------------------------------------

5.0 Weights & Dimensions

- | | | |
|-----|--------------------------------------------------------------------|-------|
| 5.1 | Operating weight – 22,580 lbs. minimum. State- | _____ |
| 5.2 | Overall width including mirrors – 8 feet, 2 inches maximum. State- | _____ |
| 5.3 | Overall Height including beacon lights – State | _____ |
| 5.4 | Ground Clearance – State | _____ |
| 5.5 | Overall length – State | _____ |
| 5.6 | Turning radius – State | _____ |

6.0 Engine

- | | | | |
|------|---------------|---------------------------------------------------------------------------------------|-------|
| 6.1 | Type | Four Stroke turbo charged, inline 4 cylinder diesel | _____ |
| 6.2 | Horsepower | 110 HP @ 2500 RPM minimum @ flywheel or wheels | _____ |
| 6.3 | Torque | 280 lb-ft minimum | _____ |
| 6.4 | Fuel-Shut off | electric solenoid type | ----- |
| 6.5 | Fuel Filter | Spin-on type | ----- |
| 6.6 | Fuel System | Fuel water separator | ----- |
| 6.7 | Oil Filter | Full Flow, spin-on type | ----- |
| 6.8 | Air Cleaner | Heavy-duty dual element air filter with pre-cleaner with an air restriction indicator | ----- |
| 6.9 | Block Heater | Emersion type,1000 watt | ----- |
| 6.10 | Starting Aid | Air Intake warmer only | ----- |

7.0 Electrical

- | | | | |
|-----|-----------------------|-----------------------------------------------------------|-------|
| 7.1 | Electrical connectors | Plug-in, sealed type, all joints soldered & heat shrunked | _____ |
| 7.2 | Alternator | 100 amp 12 Volt | _____ |
| 7.3 | Starter | Heavy Duty with Over Crank Protection Preferred | _____ |
| 7.4 | Batteries | Two (2), 12-volt, 900 CCA combined | ----- |
| 7.5 | Diagrams | All electrical wiring diagrams to be included | ----- |

8.0 Drive Operation

- 8.1 Operation Hand operated Servo controlled -----
- 8.2 Hydrostatic pump Variable speed hydrostatic pump with internal Pressure override -----
- 8.3 Hydrostatic Motor Variable speed -----
- 8.4 Gear Box Heavy Duty off road two-speed gearbox with No-spin differential -----

9.0 Brakes

- 9.1 Service Brakes Hydrostatic Dynamic Service Brakes -----
- 9.2 Secondary Brakes Spring applied hydraulically release disc. -----
- 9.3 Brake System Fail Safe Brake System -----

10.0 Steering

- 10.1 Steering Control Hydraulic -----

11.0 Tires & Wheels

- 11.1 Front Tires 9X22.5, 10 ply, state make and model -----
- 11.2 Rear Tires 14X24, 12 ply, state make and model -----
- 11.3 Front Wheels 22.5 inch steel, 8 lug -----
- 11.4 Rear Wheels 24 inch steel, 12 lug -----
- 11.5 Spare Tire/Rim Supply Spare Front and Rear Tires complete with Rim painted to match -----

12.0 Moldboard

- 12.1 Moldboard Style 8 foot multipurpose (Auger) used for asphalt milling, snow and dirt -----

13.0 Feeder Assembly

- 13.1 Paddles Replaceable paddles attached to a chain assembly driven by a hydrostatically operated gear reduction and drive shaft/sprocket assembly -----
- 13.2 Feeder Chain Feeder chain assembly to be spring assisted float capability. -----
- 13.3 Paddle Size 36-inch wide X 6-inch high minimum. State- -----

14.0 Conveyor

- 14.1 Conveyor Hydraulically raised and lowered -----

14.2	Belt	Reversible heavy-duty belt	-----
14.3	Conveyor Material	2 ply polyester cord carcass with rubber covers, rubber cleats to be 1 inch.	-----
14.4	Swivel	Conveyor to be variable speed with 180-degree swivel.	-----
14.5	Length	Belt Length- Minimum 28 feet. State -	-----
14.6	Width	Belt Width- Minimum 30 inches. State -	-----
14.7	Speed	Belt Speed- 0 to 650 feet per minute. State-	-----
15.0 Instrumentation			
15.1	Gauge	Low Oil Temperature	-----
15.2	Gauge	Voltmeter	-----
15.3	Gauge	High engine temperature	-----
15.4	Gauge	Fuel Gauge	-----
15.5	Gauge	Oil Pressure	-----
15.6	Gauge	Tachometer	-----
15.7	Gauge	Water Temperature	-----
15.8	Gauge	Hour meter	-----
15.9	Gauge	High water Temperature	-----
15.10	Gauge	Hydraulic Sight Level	-----
15.11	Gauge	Air Filter Restriction	-----
15.12	Gauge	Hydraulic temperature Sight	-----
15.13	Gauge	Hydraulic filter restriction	-----
15.14	Alarm/Shut Down	High engine temperature alarm/shut down	-----
15.15	Alarm	Back up Alarm, minimum 87-112 dB(A)	-----
16.0 Fuel Tank			
16.1	Fuel Tank Capacity	50 gallons minimum. State -	-----
17.0 Hydraulic Tank			
17.1	Reservoir	50 gallons minimum with shut off and drain. State-	-----

18.0 Cab Exterior

18.1 Cab	Fully lockable	-----
18.2 Exterior glass	Safety glass	-----
18.3 Wiper/Washer	Front and Rear Wiper and Washer	-----
18.4 Mirrors	Heated West Coast Style mirrors w/ convex mirror	-----
18.5 Lighting	Navigator lights for day and night operation	-----
18.6 Mini-Light Bar	One (1) Yellow Groté 77163 Mini-light bar	-----
18.7 Mini-Light Bar	One (1) Blue Groté 77163 Mini-light bar	-----
18.8 Grab Handles	Exterior grab handles required for driver entry and exiting.	-----

19.0 Cab Interior

19.1 Heat & Ventilation	Heating and Factory Air Conditioning with rear defrost grid or defrost fan.	-----
19.2 Seating	Deluxe driver seat with safety belt	-----
19.3 Steering	Tilt Steering	-----
19.4 Horn	Electric or Air Horn	-----
19.5 Sound	Sound suppressant package, noise level interior maximum 85 dB(A), measured in accordance with SAE J336, state noise level	-----
19.6 Radio	AM/FM with weather band Radio	-----
19.7 2 way radio	2 way radio with independent circuit, 20 amp protected.	-----

20.0 Warranty

20.1 Basic Vehicle	Two (2) years, unlimited km	_____
20.2 Batteries	One (1) year, unlimited km	_____
20.3 Drive train	Two (2) years, unlimited km	_____
20.4 Cab structure & corrosion	Two (2) years, unlimited km	_____
20.5 Frameraills/crossmembers	Two (2) years, unlimited km	_____
20.6 Cab paint	One (1) year, unlimited km	_____
20.7 Engine	Three (2) years or unlimited km	_____
20.8 Transmission	Two (2) years, unlimited km	_____
20.9 Axles, front & rear	Two (2) years or 240 000 km	_____

21.0 Manuals

21.1	Operator's	Required, one (1) per vehicle	_____
21.2	Parts, repair and service	Required, CD format preferred, quantity as per Form B: Prices	_____
22.0	Data Collection Sheets	Data Collection Sheets to be completely filled out. See clause D.6 (PMDCS)	-----

FORM O: QUESTIONNAIRE

1.0 **STATE** the delivery time of the complete order from the date of official notification of award: (See D5.1)

2.0 **LIST** any significant features that will be supplied standard on the unit being offered, but were not specifically mentioned in the Detailed Specifications:

3.0 **STATE** the location of the service facility:

4.0 Does the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?

5.0 **LIST** any deviations that might be considered less than equal to the Detailed Specifications:
