

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title SUPPLY & DELIVERY OF 54,000 LBS. GVWR CAB & CHASSIS VEHICLES

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.

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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 54,000 LBS. GVWR CAB & CHASSIS VEHICLES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	54,000# GVWR Conv. Cab & Chassis	05031	Each	3	\$ _____	\$ _____
1a	Parts, Repair and Service Manuals for Item 1	05031	Each	2	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____						

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 05031

54,000 LBS. GVWR CONVENTIONAL CAB & CHASSIS
(Dump Body Chassis)

1.0 TYPE

1.1 Shall be a minimum 54,000 lbs. GVWR Conventional Cab & Chassis suitable for use with a 15' x 8' dump body. The chassis shall be furnished complete and ready for use with all features and equipment as described herein.

1.2 **STATE MAKE AND MODEL BEING BID: 2005/06** _____

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 cab & chassis 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.

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 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	SPECIFICATION	BIDDER TO STATE "YES" OR STATE DEVIATION
5.0 GVWR		
5.1	Total	54,000 lbs. _____
5.2	Front	14,000 lbs. minimum _____
5.3	Rear	40,000 lbs. minimum _____
5.4	Wheelbase	As required for 15' x 8' dump body, state _____

DETAILED SPECIFICATIONS 05031 (continued)

5.5	CA	As required for 15' x 8' dump body, 120 in. effective approx., state.	_____
5.6	Turning radius	State	_____
6.0 Engine			
6.1	Type	Diesel, inline 6-cylinder, Cat C7	_____
6.2	Horsepower	300 HP gross minimum	_____
6.3	Torque	800 lb-ft minimum	_____
6.4	Engine shut down	Low oil pressure / high water temperature	_____
6.5	Anti-idling programming	Required to shut engine off after 15-minutes	_____
6.6	Air intake warmer	Required	_____
6.7	Fuel Shut-off	Electric solenoid type	_____
6.8	Air cleaner	Dry type	_____
6.9	Air intake restriction ind.	Dash mounted indicator	_____
6.10	Oil drain plug	Magnetic type	_____
6.11	Oil filter	Full flow, spin-on type	_____
6.12	Fuel filter	Spin-on type	_____
6.13	Fuel/water separator	Heated, drainable, mounted under hood, located to be protected from road spray	_____
6.14	Fuel line primer pump	Required	_____
6.15	Block heater	Immersion type, 1000 Watt minimum with covered recessed male plug, located under driver's side door	_____
6.16	Coolant	CAT extended Life coolant, antifreeze to -35°F (-37°C)	_____
6.17	Coolant filter	Required	_____
6.18	Coolant hoses	Silicone type or Gates Blue Stripe	_____
6.19	Fan Drive	Thermostatically controlled, automatic type	_____
6.20	Air compressor	Water cooled, pressure lubricated, minimum 13 cfm	_____
7.0 Electrical system			
7.1	Electrical connectors	Plug-in, sealed type	_____
7.2	Alternator	Delco Remy 24-SI, 145 Amp	_____
7.3	Starter	Delco Remy 41-MT/OCP 450 Series with thermal protection	_____
7.4	Circuit breakers	Auto-reset, readily accessible	_____
7.5	Batteries	Three (3), 12-volt, group 31, 2250 CCA combined capacity minimum	_____
7.6	Battery Box	Under cab or frame mounted	_____

DETAILED SPECIFICATIONS 05031 (continued)

7.7	Battery disconnect	In-cab mounted outboard of driver's seat	_____
7.8	Battery boost terminal	Remote terminal(s) required, state location	_____
7.9	Cab marker lights	LED	_____
7.10	Trailer plug wiring	Routed to end of frame plus 3-extra ft., 6-pole plastic socket. Wiring shall be circuit breaker protected, wired separately from main truck lighting	_____
7.11	2-way radio circuit	Independent 20 Amp circuit, ignition powered, wired under dash loose, labelled	_____
7.12	Accessory switches	Three (3) required, dash mtd. For "PTO", "Beacon" and additional switch labelled "Aux". All switches complete and wired for body installation, labelled and backlit	_____
8.0 Exhaust system			
8.1	Configuration	Stationary extreme outboard single right hand, chrome vertical discharge on passenger side, underframe routing, vertical portion cab mounted. Discharge tip shall have a backslash type end	_____
8.2	Overall exhaust height	Approx. 12 higher than dump body with cab shield	_____
8.3	Heat shield	Required over exhaust next to cab door	_____
9.0 Transmission			
9.1	Model	Allison 3500 RDS with 5-speed programming	_____
9.2	Shift selector	Digital push-button type, dash mounted	_____
9.3	Cooling capacity	Water to oil transmission cooler, as per manufacturer's recommendation for severe duty cycle	_____
9.4	Oil level dipstick	Bayonet type with high and low level markings	_____
9.5	Trans. drain plug	Magnetic type	_____
10.0 Front axle			
10.1	Type	Meritor, 14,000 lbs. capacity minimum	_____
11.0 Rear axle			
11.1	Type	Meritor, 40,000 lbs. capacity minimum	_____
11.2	Ratio	For 110 km/hr top speed, state ratio	_____
11.3	Inter-axle lock	Required with dash mtd. switch	_____
11.4	Differential lock	Required for both drive axles w/dash mtd. switch	_____
12.0 Hub seals			
12.1	Type	Oil lubricated front and rear	_____
13.0 Front suspension			
13.1	Type	Multi-leaf spring suspension, 14,000 lbs. capacity minimum	_____

DETAILED SPECIFICATIONS 05031 (continued)

14.0 Rear suspension

- 14.1 Type Air ride suspension, 40,000 lbs. capacity minimum, with lateral air bag support beam, state make and model of suspension being bid _____
- 14.2 Suspension control valve Manual dump valve for air suspension c/w dash mtd. switch, indicator light, gauge and buzzer _____

15.0 Rims, wheels

- 15.1 Front 22.5 x 9.00 steel disk, hub piloted _____
- 15.2 Rear 22.5 x 8.25 steel disk, hub piloted _____

16.0 Tires, front

- 16.1 Make & model Michelin XZY or Goodyear 286SS, state tires _____
- 16.2 Size 315/80R 22.5, 20-ply _____

17.0 Tires, rear

- 17.1 Make & model Michelin XDE M/S or Goodyear 164 RTD, state _____
- 17.2 Size 11R 22.5, 14-ply minimum _____

18.0 Frame

- 18.1 Configuration 1,800,000 in-lb RBM minimum, outside frame clear _____
- 18.2 Application Suitable for use with a dump body installation _____
- 18.3 Chassis fasteners Grade-8 threaded hex headed frame fasteners _____
- 18.4 Afterframe As required for dump body installation, state _____

19.0 Steering

- 19.1 Type Power _____

20.0 Brakes

- 20.1 Type Air, ABS, S-cam drum brakes, front & rear _____
- 20.2 Slack adjusters Meritor (clearance sensing), automatic type _____
- 20.3 Parking brake Spring set, four (4) chamber system _____
- 20.4 Dust shields Required, front and rear _____
- 20.5 Moisture ejector Bendix DV-2, heated, required in all air tanks _____
- 20.6 Drain valves Manual, chain or cable operated, required on each air tank _____
- 20.7 Air drier Wabco System Saver 1200, heated _____

21.0 Fuel tank

- 21.1 Type Aluminium, 225 L minimum capacity, fully fuelled upon delivery _____
- 21.2 Fuel separator Heated, drainable _____

DETAILED SPECIFICATIONS 05031 (continued)

22.0 Cab

22.1	Type	Conventional w/corrosion inhibitor	_____
22.2	Construction	Aluminium construction	_____
22.3	Front axle to back of cab	64-66 in. state	_____
22.4	Cab mounts	Air suspension	_____
22.5	Cab interior / trim	Extreme climate insulation including cloth or vinyl headliner on roof, door panels and rear interior of cab	_____
22.6	Cab silencer package	Required for minimal decibel level	_____
22.7	Driver's seat	High back, air suspension w/armrests, heavy-duty cloth upholstery, Cordura or equal, state material	_____
22.8	Passenger seat	High back, air suspension w/armrests, heavy-duty cloth upholstery, Cordura or equal, state material	_____
22.9	Floor covering	Rubber mat with under-padding	_____
22.10	Floor mats	Two (2), rubber	_____
22.11	Hood/Firewall/Engine	Insulated hoodliner, engine cover and firewall	_____
22.12	Sun visors	Dual flip-up type	_____
22.13	Steering wheel	Tilt and telescopic type	_____
22.14	12-Volt power outlet	Required	_____
22.15	Radio	Factory installed AM/FM	_____
22.16	Starter switch	Key operated c/w three (3) sets of keys	_____
22.17	Interior light	Dome light with driver and passenger door switches	_____
22.18	Heater / Defroster	High output, capable of keeping all windows clear at an outside temperature of -35°F (-37°C)	_____
22.19	Air conditioning	Required	_____
22.20	Brake and accel. pedals	Hanging type brake and accelerator pedals	_____
22.21	Horn	Dual electric	_____
22.22	Exterior mirrors	Dual polycarbonate unpainted aerodynamic mirrors with integral convex mirrors, heated, 4-way motorized adjustment (including convex mirrors), suitable for 102 in. equipment width	_____
22.23	Downview mirror	Required over passenger door, 5" x 4" approx.	_____
22.24	Windows & windshield	Tinted	_____
22.25	Windshield wipers	Electric, intermittent	_____
22.26	Windshield washers	Electric, required with spray nozzles on wiper blades	_____
22.27	Grab handles	Dual exterior	_____
22.28	Entrance steps	Dual each side, open grate / grip type	_____

DETAILED SPECIFICATIONS 05031 (continued)

22.29 Winter front Heavy-duty vinyl w/twist lock or snap type fasteners _____

23.0 Instrumentation

23.1 Oil pressure Gauge _____

23.2 Coolant temperature Gauge _____

23.3 Transmission oil temp. Gauge _____

23.4 LOP/HWT Warning light and buzzer _____

23.5 Voltmeter Gauge _____

23.6 Air reservoir pressure Gauge with LAP warning light and buzzer _____

23.7 Engine hourmeter Required, non-resetable type _____

24.0 Tow hooks

24.1 Location Front mounted _____

25.0 Front bumper

25.1 Type Steel, full width _____

26.0 Colour

26.1 Exterior White _____

26.2 Interior Blue or grey _____

26.3 Frame & suspension Primed and finished with black Imron 5000 paint _____

26.4 Wheels White, powder coated _____

27.0 Accessories

27.1 Flare kit Three (3) triangular reflectors, CVSA approved _____

27.2 Fire extinguisher 5 lbs., permanently fastened, readily accessible _____

28.0 Warranty

28.1 Basic Vehicle Two (2) years, unlimited km _____

28.2 Batteries One (1) year, unlimited km _____

28.3 Drivetrain Two (2) years, unlimited km _____

28.4 Cab structure & corrosion Five (5) years, unlimited km _____

28.5 Framerails/crossmembers Five (5) years, unlimited km _____

28.6 Cab paint One (1) year or 100 000 km _____

28.7 Engine Three (3) years or 240 000 km _____

28.8 Transmission Two (2) years, unlimited km _____

28.9 Axles, front & rear Three (3) years or 240 000 km _____

29.0 Manuals

29.1 Operator's Required, one (1) per vehicle _____

29.2 Parts, repair and service Required, cd format preferred, quantity as per Form B: Prices _____

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:
